INDEX TO VOLUME ONE
(DECEMBER 1953 TO SEPTEMBER 1956)

Compiled by Mr. Rodney J. Law

PAGES
General Index omitting Makers 194-201
Index of Makers .. 202-205
List of Titles 205-206
List of Authors 206
List of Features:
Book Reviews, Correspondence, For Your Further Reading, Horological, Who's Who, Members Enrolled,
Round the Sale Rooms and Short, Biographies 206
List of Acquisitions for the Society's Library 207
List of Books referred to in the Text 207
List of Officers, Council and Committees 208

System of Reference
Large Roman Numerals indicate Issue of the Journal
F=Front Cover B=Back Cover
Supplements and Reprints

SI =" Clocks of the 15th and 16th Centuries" by C. B. Drover.
SII= "Early Oxford Clockmakers" by Dr. C. F. C. Beeson.
SIII =" New Light on Ancient Turret Clocks" by R. P. Howgrave-Graham, F.S.A.
SIV =" The Performance of Early Watches" by Cecil Clutton, F.S.A.
RI =" Clockwork Before the Clock" by Dr. Derek J. Price.

Pagination of the Journal

<table>
<thead>
<tr>
<th>Issue Number</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>December, 1953</td>
<td>1-8</td>
</tr>
<tr>
<td>TWO</td>
<td>March, 1954</td>
<td>9-21</td>
</tr>
<tr>
<td>THREE</td>
<td>June, 1954</td>
<td>22-37</td>
</tr>
<tr>
<td>FOUR</td>
<td>September, 1954</td>
<td>38-52</td>
</tr>
<tr>
<td>FIVE</td>
<td>December, 1954</td>
<td>53-68</td>
</tr>
<tr>
<td>SIX</td>
<td>March, 1955</td>
<td>69-87</td>
</tr>
<tr>
<td>SEVEN</td>
<td>June, 1955</td>
<td>88-105</td>
</tr>
<tr>
<td>EIGHT</td>
<td>September, 1955</td>
<td>104-121</td>
</tr>
<tr>
<td>NINE</td>
<td>December, 1955</td>
<td>122-140</td>
</tr>
<tr>
<td>TEN</td>
<td>March, 1956</td>
<td>141-157</td>
</tr>
<tr>
<td>ELEVEN</td>
<td>June, 1956</td>
<td>158-175</td>
</tr>
<tr>
<td>TWELVE</td>
<td>September, 1956</td>
<td>176-192</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>193-208</td>
</tr>
</tbody>
</table>

The Societies Publication Number One "The Design of English Domestic Clocks, 1660-1700" is not included in this Index.
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

GENERAL INDEX

Omitting makers' names. Black type indicates an illustration.

A
Abbot Home Collection 97
Abingdon, Earl of 28
Accuracy of watches SIV
Act of Parliament clock, 106, 107
Adler-Planetarium, Chicago 74
Advertisements
Bridges 90
Butterfield 66
Fawkes 27
Pinchbeck 27, 28
Webster 94
Ahaz, dial of 54, 84
Alarm clocks
bracket 88, 111, III iii, VII F, X vi
early SI 5, SII 1
Italian monastic 17, I i, SII 4, 6
lantern IV vi, V iii
mural 77, 96, VII i
table 62, II B, IV B
travelling 20, IX F
Alarm mechanism
detachable on table clock 36, 136
on water clock 55
Aldegrever, Heinrich 81
Alphonsine Tables 56
Alphonso X, King 56
American collectors' visit 116
American Philosophical Society 54
Amman, Jost 80
Amsterdam, Rijksmuseum 167
Anachoric clocks 153, RI 6
Anchor escapement 86, SII 8
Antikythera machine RI 7, 8, 9
Apian's Cosmographia SIII 5
Arabic numerals, early use of S I
Archimedes, planetarium of 70, 71, RI 9
Armillary sphere 72, 153, RI 5
Ashbourne, Old Clockmakers of 102
Ashmolean Museum 86, 116, 136, SII 4
Ashmolean Museum, Old: see Museum of the History of Science, Oxford
Astrolabe
Chaucer on 25, 37, 117, 156
description of R I 3
with gearing RI 2, 4
Astrolabe dial 56, 57
Astronomical books, Exhibition 51
Astronomical clocks (not regulators)
by Baldwin 60
by De Doni 83, RI 5, 6
longcase VI VII
medieval texts on 156
by Pinchbeck 27, 28
<table>
<thead>
<tr>
<th>Table</th>
<th>II ii</th>
<th>75</th>
<th>60</th>
<th>153, RI 5</th>
<th>RI 7</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VI iii, 63</td>
<td>31, 187, VI iii, Xv</td>
<td>27, 79, 89, 172, VII iii</td>
<td>33, 113, 150, SII 1, SIII 10, RI 3</td>
<td>7, 20, 37, V ii, XI B</td>
<td>20, 31, 128</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>4-0, 94, V B</td>
<td>86</td>
<td>154</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Bligh, Captain of the "Bounty" 129
Board of Ordnance 162
Bodleian Library 54
Bookplate, armorial of Hughes 29
Book Reviews 102, 155, 173, 190
Boule clock case II
Bourges Cathedral clock 156
Bracket clocks
architectural 41
automaton VI
Boule
Chinese market
early escapement used in
kingwood
lacquer
metal basket
musical
night movement
olive wood
ormolu
tic-tac escapement in
tortoiseshell
Turkish market

Bracket clocks by
Allan & Clements XII
Antram Joseph V
Cartright: Thomas X
Clarke, George VI xi, VII iv
Clowes
De Charmes, Simon IV ii
Du Chesne, Claudius IV ii, IV F
Ellicott
Etherington, George 134
Gibbs, Joshua III ii
Gould, Charles VII viii
Gregg, Richard XII iv
Gretton, Charles VII F, 88
Jones, Henry 87, I B, VI v, X F
Knibb, John IV iii
Knibb, Joseph V ii, VII B
Massey, Henry X
Pashler, Edward III B
Poy, Godfrie XII B
Quare, Daniel IX ii
Reith, James VII ii
Rimbault, Paul XI B
Robinson, F. II
Seignier, Robert 41, 42
Shaw, John III ii
Taylor, John III vi

Bracket clocks by
Tompion, Thomas 131, V F, VIII v
Van Ceulen, movement 185
Vick, Richard V x
Vulliamy II
Vulliamy, Justin 143
Cabin clock
Calendar
Gregorian
Perpetual
Calendar dial, annual
Calendar watch key
Cambridge, Whipple Museum of the History of Science
Candle clocks
Capriglia
Carpenter, Alexander Destructor, um Victorium
Carriage clock
Cartel clock
Cases, clock
玻璃, early
medieval, sketch of
See also Clock
Cases, watch
ornament designs for
See also Watch

Casemakers.
Casemaking
Cassiobury Park, turret clock from
Castellated ornament
Casting of metals
Castle, John W.
Castle Rushen turret clock
Catharine of Braganza
Centre seconds clocks
Cescinsky & Webster
Chaise watches
Challen, F. K.
Chalice sundial

Watson, Samuel
Webster, William
Windmills, Joseph
Brahe, Tycho
Brass, early use of
British Museum
Britten
Broadsheet by Tompion
Brocklesby Park turret clock
Brome Hall turret clock
Brooks, Basil
Brosamer, Hans
Bruno Paris Collection
Brussels, Palais du, Cinquantenaire
Buckingham Palace
Buckle, Royal Mourning
Buggins, G.T.E.
Bun feet, original
Bunt, Cyril G.
Burleigh James, I.
Bury St. Edmunds Abbey
Butterfield
advertisement of
dial

Buckingham Palace
144V
Burleigh James, I.
120V
Butterfield
66V
118V
26V
161V
Bun feet, original
48V
Bunt, Cyril G.
118V
Buckingham Palace
144V
Broomfield
79V
Brocklesby Park turret clock
35V
Brooks, Basil
37V
Brosamer, Hans
81V
Brito Paris Collection
79V
Bristol, Palais du, Cinquantenaire
74V
Butterfield
29V
Buckingham Palace
144V
Bragg, W. 70V
Chamberlain, P.N. 166, 178, 181 VI
Chapius, A. 137, 154, 173 VI
Charles II 40, 60 VI
Charles V of France SI 1 VI
Chaucer, Geoffrey 102, RI 7 VI
Cheeks cycloidal 44, 186 VI
empirical 23, 185 VI
Chinese astronomical clockwork 153, 173 VI
duplex watches 119, 172 VI
lacquer 95 VI
market, clocks for 29, 37, 191, VI II VI
Christian II, Elector of Saxony 7 VI
Christmas card 49, 188 VI
Chronometers, marine 100, 129, 137, 152, 173 VI
by Breguet 179 VI
Earnshaw's prices 129, 152 VI
by Harrison 178 VI
by Jurgensen 129 VI
by Kendall 85, 139 VI
rates of 110, SIV 2 VI
Chronometers, pocket III F, 22, 146, SIV 7 VI
by Arnold 32 VI
by Breguet 130 VI
by Cole IX iii, SIV 6 VI
by Earnshaw 146, 147 VI
by Kendall, SIV 6 VI
rates of
Chronometer, Department of Greenwich Observatory 118 VI
Chronoscope, early 32 VI
Cicero on the planetarium of Archimedes 71 VI
Cistercian Rule 55 VI
Civil Engineers, Institution of 16 VI
Clacton Exhibition 189 VI
Clarke, John E. T. 59 VI
Claudianus, Claudio 71 VI
Clepsydra 51, SIII 2 VI
see also Water clock VI
Clérion Jacques 23 VI
<table>
<thead>
<tr>
<th><strong>Clock</strong></th>
<th><strong>anaphoric</strong></th>
<th>153, RI 6</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>earliest illustration</td>
<td>49, 155</td>
<td></td>
</tr>
<tr>
<td></td>
<td>early domestic</td>
<td>17, SI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>by Lovelace</td>
<td>89</td>
<td></td>
</tr>
<tr>
<td></td>
<td>medieval monastic water</td>
<td>54, 84</td>
<td></td>
</tr>
<tr>
<td></td>
<td>prehistory of</td>
<td>RI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>See also under</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Alarm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Astronomical</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bracket</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cabin</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Carriage</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lantern</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Longcase</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mural</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Regulator</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Singing</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tabernacle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Table</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Travelling</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Turret</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Water</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Clockmakers</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Colchester</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cumberland</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Early Oxford</td>
<td>19, SI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Newbury</td>
<td>67</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Suffolk</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td></td>
<td>West Country</td>
<td>35, 119</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Westminster</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Clockmakers Company</td>
<td>collection</td>
<td></td>
</tr>
<tr>
<td></td>
<td>by Recordon</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Clockwork before the clock</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Clutton, Cecil</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cock, automaton, at Strasbourg Cathedral</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cock, balance</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>farmyard</td>
<td>99, 120</td>
<td></td>
</tr>
<tr>
<td></td>
<td>patterns for</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td></td>
<td>unusual fixing</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>wheel</td>
<td>30, 147</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Codex Marciano (Venice)</td>
<td>RI 9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Colchester clockmakers</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Colville, James, Lord</td>
<td>31</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Committee, provisional</td>
<td>3, 18</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Compensation of watches</td>
<td>SIV</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Compensation balance, see Balance</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Compensation curb</td>
<td>SIV 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Breguet</td>
<td>III</td>
<td></td>
</tr>
<tr>
<td></td>
<td>spiral</td>
<td>129, 147</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Congreve clock</td>
<td>1 F, 1, 164</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Congreve, William</td>
<td>1, 164</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Conical pendulum</td>
<td>24, 186</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Conservatoire des Arts et Métiers, Paris</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Constant force escapement</td>
<td>XI vii, 98</td>
<td></td>
</tr>
<tr>
<td>Term</td>
<td>Page(s)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>---------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conversion of turret clocks</td>
<td>148V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cook, Captain</td>
<td>8, 29V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cope, Sir Anthony</td>
<td>SII 5V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Copenhagen National Museum</td>
<td>136V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Copernicus</td>
<td>70V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corelli</td>
<td>27V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Correspondence</td>
<td>84, 117, 120, 139V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Courtrai, Jacquemart Clock</td>
<td>113V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Covent Garden turret clock</td>
<td>162V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cramer, E. A.</td>
<td>137V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crommelin, Dr. C. A.</td>
<td>70, 83, 185V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crown wheel escapement see Escapement, vergeV1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crucifix clocks</td>
<td>51, 118, IV iV1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crystal watch</td>
<td>31V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cuckfield Church clock</td>
<td>148V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cumberland makers</td>
<td>51V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cuss, T. P. C.</td>
<td>8, 10, 21, 89, 183V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cycloidal cheeks</td>
<td>44, 186V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cycloidal pendulum</td>
<td>23V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder escapement, see Escapement Vi</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylindrical pendulum</td>
<td>25V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dallam, Thomas, organ clock</td>
<td>151V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dante, Paradiso</td>
<td>SIII 5V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dauphin, The</td>
<td>63, 78V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dawson, P. G.</td>
<td>3, 18, 20, 67, 154, 171, 173, 174V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>De Carle 118V1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>De Honecourt, Villard</td>
<td>57, SIII 1, RI 9V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>De Horologus in Arte</td>
<td>155V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Denmark, early clocks in</td>
<td>79V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Derham, William</td>
<td>34, 60, 61, 78V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Desaguilers, J. T.</td>
<td>74, 107V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design books</td>
<td>80V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>De Sonabe, Jehan</td>
<td>49V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DetentV1</td>
<td>22, III FV1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>32V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Devereux, F. B. M.</td>
<td>161V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dial clock, kitchen</td>
<td>67V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dials, clockV1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>astrolabe</td>
<td>56, 57, II iiV1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>astronomical</td>
<td>VI viiV1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enamel</td>
<td>29, 143, III ii, XI B, XII iv, XII BV1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>equation</td>
<td>5, 167, VII viV1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>longcase</td>
<td>28, 186, III v, V iv, VII B, IX BV1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>lunar</td>
<td>27, VII viV1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>night clock</td>
<td>132, X BV1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>regulator pattern</td>
<td>25, 161, VII, v, XI, viiV1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>revolving</td>
<td>SI 6V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>silvered, early</td>
<td>105V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>skeleton</td>
<td>41V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>tidal, universal</td>
<td>4V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dials, watchV1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>champlevé</td>
<td>6, 61, 133V1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>early, plain</td>
<td>XII xV1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enamel, design for</td>
<td>81V1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9

engraved 175, VIII iiV1
lunar 175V1
painted 10, 183V1
regulator type 146, 165, 166, 181V1

Dials and DiallingV1

Ahaz 54, 84V1
Butterfield 66V1
Derham 34V1
library of 35V1
pillar dial 62V1
portable dials 65, 115V1
stone at Raunds Church SIII 5V1

See also SundialV1

Dijkerhuis, E. J., Archimedes 71V1
Dijon Cathedral clock 64, 113, SIII 3V1
Division of labour 80V1
Dominion Museum, Wellington, N.Z. 30V1

Double wheel escapementsV1
chronometer 178V1
duplex 14, 179, 180V1
Dover Castle clock SIII 14V1
Drake, T. A. S. 164V1
Drum table clocks 165V1
Dunn-Gardner Collection 7, 187V1
Drover, C. B. 17, 21, .49, 54, 67, 151, 154, 171, StV1

Dutch clock 32, 62, 136, II ii, IV BV1
Dutch National Museum for the History of Science, Leyden 23, 72, 73, 74V1
Dutch striking 48V1
Dutsden Collection 67V1

Easter, date of shown by clock 83V1
Ebonised longcase clock 5v, 186V1
Eclipses, prediction of 8V1
Ecton Church clock SIII 15V1
Elizabeth I 173, 184V1
Elizabethan watch 51V1
EnamelVI
cloisonné 12V1
translucent 81V1
Enamel watches 12, 32, 67, 191V1
Enamelling, patterns for 24, 44V1
Endless cord maintainer 170V1
Engines 12, 129V1
Engine-turning 154V1
English Domestic Clock Design 80V1
Engraving, patterns for 83V1
Epicyclic gearing 146, 147V1
Epicycloidal teeth 4, 8, 32, 48, 119, 123V1
EquationV1
clocks 5, 167, VII viV1
dials
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

kidney 155

Equatorie of the Planetis 102
Equatorium 6
Erghum, Bishop SIII 7
Escape wheel 146, 180, 181
Escapement, origin of 55, 153, SIII 2, RI 6, 9

Equatorium RI 6

Escapements, clock anchor 8, 66, SII 8
constant force cross-beat
crown wheel, see verge
recoil, see anchor, etc.
tic-tac
verge

Escapements, watch Arnold's 22, 32, III F, SIV 7
Breguet's 98, 100, 182, IV v
constant force 98, 100
chaff-cutter
Chinese duplex cylinder
death heat verge
Debaufre detent
duplex
Harrison's lever
Kendall's
Ormskirk, see Debaufre pivoted detent
rack lever
resilient lever
ruby cylinder
Samuel Smith's Tourbillon
verge
vertical lever
virgule

Exeter Cathedral clock SIII 12

Exhibitions astronomical books 51
Birmingham 8, 20, 21
Clacton 189
Five Centuries 118, 128, 137
Huygens Tercentenary 145, 185
Ormeley Lodge 47
Temple Newsam House 21
F

Farmyard cock (watch) 99, 120VI
Fawkes, his advertisement 27VI
Feasts, calendar of 83VI
Feill Collection 100VI
"Fencing Soldiers" watch 183VI
Ferguson, James, Lectures 86VI
Ferriday, Peter 118VI
Finials on turret clocks 65, 159, SIII 3, 8VI
Fitzwilliam Museum 154, 190VI
Five Centuries Exhibition 118, 128, 137VI
Five minute repeater, early 8, 168VI
Flamsteed's Tompion clock 13VI
Flower-Vase clock 65, 169, SIII 2VI
Foliot 144VI
Follower clock 78VI
Forgery, watch 63, VI iiiVI
Form clocks VI
  atlas 51VI
  elephant 31, 172, II iiVI
  lion 20, 63, 131, 183, VIII iVI
  For your Further Reading 20, 35, 51, 67, 79, 100, 118, 137, 152, 173, 184VI
  Foster, G., on the stackfreed 137VI
  Foulkes, R. K. 3, 18, 29, 67, 105, 144, 154, 171VI
  Foundling Hospital clock 161VI
  Fox, C., Hospital 5II 3VI
  Friesch Museum, Leeuwarden 74VI
  Friesland clocks 45VI
  Frodsham, C., on Isochronism 9X iiVI
  Frye, C. M., on the pendulum 184VI
  Fusee engines 190VI
  early use of 8VI
  origin of 170VI
  G
  Galilei, Galileo and Vincenzio 185VI
  Gearing, early use of 85VI
  Gélis, Edouard, L'Horlogerie Ancienne 80VI
  Geneva, Horological Museum 12VI
  Gerbert 190VI
  Gershom Parkington Collection 35, 136VI
  Gifts 8, 21, 32, 86, 102, 145VI
  Gillingham, Horologium Achaz 63VI
  Glass clock case 3II 3VI
  Glastonbury Abbey SIII 4VI
  Globes 75, 79, VIII FVI
  Gordon, G. F. C., Clockmaking 45VI
  Gothic clocks 17, 49, 3I 3VI
  Gould, R. T., The Marine Chronometer 22, 73, 146, 147, 179VI
  Grande sonnerie striking See Striking VI
  Grandisson, Bishop SIII 13VI
  “Grand Theatre of the Muses” 27VI
  Greenwich Museum 116, SI 7VI
  Greenwich Observatory 116, 118VI
  Gregorian Calendar 167VI
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Grimthorpe, Lord 118vI
Guildhall Museum 61, 146, 165, 181, Si 6vI
Gunther, R. T. 43, 117, Ri 3vI
Guth, Paul 67vI
H
Haagsche” clocks 23, 44, 185vI
Hackney Church clock SIII 14vI
Haggar, A. L. 51vI
Hakluyt Society 152vI
Halleicher’s Singing clock 187vI
Hampton Court clock 16vI
Hand, minute revolving in two hours 60vI
Handel 27vI
Hanslop 67vI
Hanwell Church clock SII 5vI
Harris, the Right Hon. the Lord 41, 158, 160vI
Harvard University 75vI
Harvey, John SIII vI
Hauser, F. 75vI
Hayward, J. F. 80, 83vI
Heath, R. A. D. 75vI
Heliostat at Leyden 25vI
Herbert, Sir Thomas 53vI
Hero of Alexandria 56, 89, Ri 3vI
Hessisches Landesmuseum, Kassel 60vI
Hezekiah, King 54vI
Hill Collection of watch keys 130vI
Hillary, E. 85, 118, 138, 145vI
Holbein, Hans . 67, 81, Si 3vI
Holt-White Collection 190vI
Hooke, Robert 41, 120, 170vI
Horological Museum, Geneva 12vI
Horse Guards clock 161vI
Hour glass 67, XII vi
See also Sandglasses vI
Hove
Howgrave-Graham, R. P. . 30, 33, 64, 184, SIII vI
Hsin I Hsiang Fa Yao 153vI
Hudson, Miss L. A. 3, 158, 171vI
Hudson, Thomas
Hurst, M. G. 154, 171vI
Hutton, W. H. 154, 171vI
Hutton-Stott, F. W. 34vI
Huygens. Christiaan, 23, 44, 70, 71, 72, 145, 185vI
I
Ilbert, C. A. 3, 18, 78, 101, 154, 158, 168vI
Ilbert Collection 96, 118, 165, SIV 2vI
Illustrated London News 150vI
Independent seconds 32vI
Instruments, scientific 67vI
Isaac ibn Sid 56vI
Isaiah 54vI
Isham, Sir Giles Si 3vI
Isochronism of balance spring
of pendulum 23, 186vI
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Italian monastic alarm clocks

J
Jacks
Jacquemart clock of Dijon
Jaggar, C. S.
Janca, F. F.
Japanese clocks
Jehan de Sonabe, L'Horloge de Sapience
Jewels, piercing of
Jocelin of Brakeland
Josten Dr C H.
Jupiter satellites

K
Kantoor clock
Kassel Hessisches Landesmuseum
Kay, A C
Kermock, W. A
Keyless winding for watches
Keys, clock
Keys, watch
calendar
musical
tipsey
Kingwood bracket clock
Knowles-Brown, F. H.
Korthast" clock
Kunsthistorisches Museum, Vienna

L
La Chaux de Fonds, Museé d'Horlogerie
La Clessidra
Lacquer clocks
Lane, Mrs Jane
Lantern clocks
Law, R. J.
Lee, Ronald A.
Leeuwarden, Friesch Museum at
Lettering, Gray and Vulliamy's system
Levy Collection
Leyden, National Museum for the History of Science
Leyden "Sphaera"
Librarian

acknowledges
Library, photographic reference
Libros dei Saber de Astronomia
Lift on escape wheel teeth
Lightfoot, Peter
Lion form clock
Lloyd, H. Alan
Longcase clock

astronomical
VII vii
birth of
VII vii
centre seconds
VII vii
ebonised
186, V vi
equation
4, 123, 125, VII vii
grandmother
67
mahogany
III i, V vi
marqueterie
II v, IV vii, V v, VI iv, 132
month
VI vi, V iv, VI vi, VII vi
mulberrywood
VIII vii
night
74, 75
orrery
161
regulator
IX v
Sheraton style
III i, 48, V iv, IX v, X iv, XI ii
three train
186
verge escapement in
47, 96
year duration

Longcase clocks by
Adamson, William
IV vii
Barrow, Nathaniel
II vi
Boney, Caleb
VI vii
Bouquet, Solomon
VI iv
Chatfield, John
V vi
Delander, Daniel
47, VI B
East, Edward
62, 132
Ellicott, John
III vi
Fromanteel, Ahasuerus
186
Goode, Charles
X iv
Graham, George
X ii, XI viii
Gregg, R. & F., dials
IX B
Knibb, John
VI vi
Knibb, Joseph
48
Le Count, Daniel
V vi
Lyons, Richard
VIII B
Man, Daniel"
4
Massey, Edmund
VIII vi
Partington, Thomas
V viii
Pinchbeck, C dial
28
Quare, Daniel
IV iv, V iv
Thwaites, John
161
Tompion, Thomas
130, VI vi
Webster, William
93
Williamson, Joseph
123, 125
Wilson, John
IX v
Windmills, Joseph
V vii

Loske, L. M.
67
Louvre
SI 7
Ludlam, The Rev, William
161
Lunar dials
28, VII vi, 175
Luton Hoo House
86, 116
Lyons, Admiral Lord
166
Maclean, Dr. Bruce 86, 93, 109
Maintainer, endless cord 24, 44
Mallett collection
Mantel clocks
Manuscripts, early
earliest clock illustration
Marine clocks of Huygens
Marqueterie longcase clocks
Mary, Queen, her clock by Watson
Mary Queen of Scots
Maskelyne, Neville
Mason, Bernard
Masterpieces of British Art and Craftsmanship
Matschoss, Conrad.
Matthey, G. C. H.
Mauresque ornament
May, Baptist
Mechanical clocks, origin of
Mechanical pictures
Medieval Monastic water clock
Medieval texts on astronomical clocks
Members, lists of
Membership, family
Mercer, Frank, on the chronometer
Mercury clock
Merton College clock
Metfield Church clock
Metropolitan Museum of Art
Microcosm* of Henry Bridges
Middle temperature error
Midhurst Church clock
Mirrors, musical by Hughes
Moinet
Monastic clocks
Italian alarm
water
Moondisc, early use of
More, Sir Thomas and Family by Holbein
Morpurgo, Enrico
Mostyn, Lord
Motion work
of repeating clock
of clockwatch
of watch, unusual
Mould, for casting ratchet wheels
Mouldings, brass
Mulberrywood longcase clock
Mural clocks
Museé d’Horlogerie, La Chaux de Fonds
Museum of the History of Science, Oxford

86, 93, 109
24, 44
116
48, 116
49, 54, 156, SI 1, RI 9
49
24
II, v, IV vii, V v, VI iv, 132
61
63
85, SIV 6
51
47
RI 3
35, 189
81
42, 43
57, 153, SIII 2, RI 2
89
54, 84
156
3, 20, 36, 52, 68, 87, 103, 119, 155, 175, 192
154
173
56, 153
SII 1, RI 6
149
136
89
166
SIII 14
29
SIII 8
II, 17, SI 4, 6
54, 84, SI 5, SIII 2
SI 2, SIII 4
SI 3
86, 102
47

61
11
184
RI 2
VII ii
VIII v
105, 107, II ii, VII i, XI F
75
35, 73, 74, 86, 116, 136, 165, SII 7, RI 3

Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006
Musical
boxes 173
v

casket 37, VII iii v

clocks 27, 28, 67, 95, 96, 150, III vi, III B, V B, VI xi, VII iv, XI B v

toilet mirrors 29

watches 20, 31, 51, 128, 172, VIII iv v

watch keys 59

Muslim mechanics 184

Mystery clocks 139, XI v


National Museum, Athens RI 7

National Museum, Copenhagen 136

National Museum for the History of Science, Leyden 23, 72

Nedson, S. W. 139

Needham, Dr. Joseph 135, 153, RI 3, 5

Netherlands, clocks of 44

Neuchâtel, Historical Museum at 91

Newbury, clock makers 67

Newcomen Society 64

Newton, Sir Isaac 115

Night, astronomical 4, 5

Night clocks 39, 132, X B


"No Real Night" 4

Northampton Museum 99

"North's Coffy House" clock 162

Norwich Cathedral clock 156

Numbering of Emery levers 165

Vulliamy's system 143

Nuremberg clocks 61

Oakes, James 31, 62

Obituary v

Brooks, Basil 37

Ilbert, C. A. 168

Vivian, Captain Hugh 189

Wenham, Edward 184

Ochsenfurt; Rathaus clock 34

Octagon Room, Greenwich 86, 116

Olivewood bracket clock 86, 116

Organ clocks 7, 20, 90, 100, 151

Ormeley Lodge Exhibition 156

Ornament on turret clocks 47

watch cases, designs for 143

Orrery 143, III vi, VI xi, XI B, XII iv

Ottery, St. Mary turret clock 37, 60, 73

Ovid on Archimedes planetarium 65, SIII 13

Oxford Clockmakers 71

P

Palais du Cinquantenaire, Brussels 74
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Palmer, Brooks 79V1
Palmer, F. W. 77, 97V1
Parisi, Bruno 32, 79V1
Parkes, D. W. 18, 50, 66V1
Patents 11, 20, 22,, 30V1
Pattern books 80, 99V1
Pedometers, early 76V1
Pedometer winding of watches 11V1
Pekin 29, 31V1
Pendulum
- in domestic clocks 23, 124, 185V1
- in turret clocks 15, 149V1
Pendulum clock, earliest 24V1
Pendulum watches 78V1
Penfold, J. B. 51V1
Perpetual Calendar 32, 83V1
Peterborough Cathedral clock 15
Philip the Good 190V1
Photographic reference library 51V1
Pictet 178V1
Picture clock 91, VI F, VII iiV1
Pictures, mechanical 89V1
Pierpont Morgan watch catalogue 172V1
Pillar clocks 169, SI 1V1
Pillar dial 62V1
Pillars, watch 6V1
Pinchbeck 26, 35V1
Planetaria
- clocks with 23, 25, 70, RI 9V1
- 60, 70, 83, VIII FV1
Player, J. W. 118V1
Portable dials 65, 115V1
Poule, M., on the astrolabe 156V1
Preston Manor 35V1
Price, Dr. D. J. 102, 117, 135, 152, 153, 156, 184, RIV1
Probate for F. J. Vulliamy's Will 144V1
Ptolemaic System 60, 70, 83, VIII FV1
Publications 174V1
Publications Committee 191V1
Pulse watch 11V1
Pump winding watch 11V1
Quickwood turret clock 11V1
Quill, Colonel H. 95V1
R
- Rack, inside, on clock 25V1
- Rack clock 67V1
- Ramsey, L. G. G. 110, SIYV1
- Ratchets, mould for casting 165, SIYV1
- RatesV1
- of chronometers 130V1
- of watches 78V1
- Raunds Church, dial at 67, 100, 144V1
- "Record" longcase clock by Tompion 130V1
- Regulation of watches 114V1
- Regulator clocks 110, SIYV1
- by Child & Child 165, SIYV1
- by Holmden SIII 5V1
- VII vV1
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

by Thüret

Remontoire
Remontoire escapement, See Escapement, Constant force
Repeating watches
Repeating work of clock
Repoussé watch cases
Revolving dial
Rhodes, G.
Rice, Howard C.
Richard of Wallingford
Richmond Observatory
Rickett, G. W.
Rijksmuseum, Amsterdam
Rise and Fall mechanism
Rittenhouse Orrery
Roemer, planetarium of
Robertson, J. Drummond
Robertus Anglicus
Robinson, T. R.
Rolling ball clocks
See also Congreve clock
Rotunda, Woolwich
Rouen turret clock
Royal Warrant
Rye Church clock
S
Sacrist
Sacrobosco, Johannes de
St. Alban's Abbey
St Edmund's Bury
St. George's Church, Grenada
St. Hildegard, Scivias of
St. Mary's Church, Oxford
St. Paul's Chapel, New York
Sale Prices
Salisbury Cathedral clock
Salomons, Sir David
Samuel Ha-Levi Abulafia
Sand-glasses
See also Hour glass
Sand, as a motive power
Sarton, George
'S' Balance
"Schippertje" clocks
Scientific instruments
Scotland Yard clock
Seconds beating watches
Seconds hand, early use of
Seconds, independent
Secret signature, Breguet’s
Seeby Collection
Set hands mechanism
Setting of detent escapement
Sextant by Ramsden
Shadow, moved backwards
Shelburn, Lord

25 V1
161 V1
25, 129 V1
20, 37, SIV 2 V1
61 V1
85 V1
SI 6 V1
118, 152, 173, 184 V1
75 V1
156, RI 6 V1
144 V1
118 V1
167 V1
127, VI ii V1
51 V1
70, 72 V1
44, 170, RI 3 V1
57, RI 9 V1
184, SIII 7 V1
1, 137, 187 V1
164 V1
64, SIII 3 V1
15, 40 V1
SIII 15 V1
55, SI 5, SIII 2 V1
57 V1
156 V1
55, 56, SI 5, SIII 2 V1
162 V1
SIII 5 V1
SII 3 V1
162 V1
20, 37, 51, 67, 85, 100, 119, 171, 191 V1
64, 184, SIII 6 V1
102, 182 V1
56 V1
97 V1
92 V1
63 V1
22, 146, 147, 165, III F V1
46 V1
67 V1
162 V1
11, 12 V1
61 V1
32 V1
182 V1
59 V1
111 V1
SIV 6 V1
100 V1
54 V1
76 V1
Sherborne Abbey clock
Sheridan, Paul
Sherrard, F. G.
Sidereal watch
Simoni, Captain Antonio
Simons, Eric N.
Singing bird box
Singing clock, Halleicher's
Skeleton clocks
Skeleton dials
Skull watch
Smeaton, John, C. B.
Smith, John, Horological Disquisitions
Smyth, W. H., Admiral
Somerset House turret clock
Soper, A. K.
Souscription" watches, Breguet's
Spencer Jones, Sir H.
Sphere of Sacrobosco
Spring clocks, early
Spring Gardens Museum
"Staartklok" Stackfreed
Stevenson, E. L., on globes
"Stoelklok"
Stradanus
Strasbourg Cathedral clock
Stratford-sub-Castle Church clock
Striking
  double
  Dutch
  grande sonnerie
Striking mechanism
clock watch
evolution of
Japanese
in early turret clocks
without warning
Sudlow, Mrs.
Suffolk clockmakers
Sultan Mohammed III
Sumner, W. L., on The Organ
Sun and Moon watch
Sundials

of Ahaz 54, 84
a Ballade 137
chalice 115
equinoctial by Carey 172
portable, A. K Soper, on 65
by Troschel 136
by Webster 110
See also Dials and Dialling

Sunrise and Sunset 5
Supplementary arc 66
Sussex, Duke of 162, 165
Sussex clockmakers 67
Su Sung 153
Symonds, R. W. 8, 20, 50, 67, 78, 93, 102, SI 4

Tabernacle clocks 100, II ii, III ii
Table clocks

- drum
- hexagonal
- square
- vertical
- by Buschman, Johan 172, X v
- by de Wellke, Christian 131, 132, X v
- by Fromanteel and East 62, II ii, II B
- by Hyems 172
- by Mayr, Jacob
- by Nouwen, Michael

Tarsia panel alarm clocks 17, SI 6
Temple Newsam House Exhibition 21
Temporal hours 115, 169, SI 4
Theodolite of Humphrey Cole 35
Thermometers, metallic, by Jurgensen 178
Thurleigh, Edward 118
Tidal dials 4, 8
Timekeepers, marine, VI
Timepieces by Tompion and Graham, 105
Timing device by Vulliamy 145
Tipsey key 182, VIII i
Tools, clockmaking 32, 170
Toothed wheels, early use of 32
Tortoiseshell veneer 134, VI xi
Tourbillon watches 129, 130, 182
Tower of Babel clock 7
Toys 26, 35
Tradecard, Pinchbeck’s 26
Trammel wires 22, III F
Travelling clocks 20, 32, 112
Triangular pendulum 25
Tulip” bracket clock by Tompion 131
Turkish market, clocks for VI xi, VII iv
Turning, art of in Japan 169

Turret clocks

- ancient 33, 64, SIII
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

at Bayfordbury Park
  176, XII F
  35

at Brocklesby Park
  20, 50

at Brome Hall
  184

at Castle Rushen
  148

at Cuckfield Church
  113

at Dijon
  65

from Dover Castle
  184

at Salisbury Cathedral
  137

at Somerleyton Hall
  15

at Stratford-sub-Castle
  176, XII F

from Wadham College
  161

from Wells Cathedral
  148

at Windsor
  159, 184

by Clement
  35

by Davis
  170

by Harrison
  35

by Leinen
  148

by Mudge
  176, XII F

by Thwaites
  161

by Tompion
  15

by Vulliamy
  56

with verge escapement
  44, 138

Tyler, E. J.
  U

Ulogy, K.

Unger A.

Universal tidal dial
  4

Usher, A. P.
  79

V

Van Swinden, Prof. J. H.
  75

Victoria and Albert Museum
  SI 6

Vienna, Kunsthistorisches Museum
  51

Viennese flower-vase clock
  13

Villiers Abbey
  56

Vitruvius
  RI 3

Vivian, Captain Hugh
  13, 21, 51, 79, 100, 101, 118, 123

Vulliamy Bequest
  16

Wallbridge, Major H. P. R.

Wandering hour figure
  3, 18, 23, 115, 123, 137, 159, 169, 173, 185

Watches

alarm
  67

automaton
  31, 128

clockwatch
  31, 119, II i, 10, 11

complicated
  131

crystal
  6, VIII i, 31, 63, XII x

early
  12, 32, 67, 191

enamel

Watches

fencing soldiers
  183

form
  20, 63, 131, 183, VIII i

late
  10, 183
### Antiquarian Horology Volumes 1 to 9

<table>
<thead>
<tr>
<th>Term</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>lever, early</td>
<td>130, 165, 181*VI</td>
</tr>
<tr>
<td>musical</td>
<td>20, 31, 51, 59, 128, 172, VII IV*VI</td>
</tr>
<tr>
<td>origin of</td>
<td>80*VI</td>
</tr>
<tr>
<td>oval</td>
<td>VIII i, XII x*VI</td>
</tr>
<tr>
<td>pendulum</td>
<td>78*VI</td>
</tr>
<tr>
<td>performance</td>
<td>SI*VI</td>
</tr>
<tr>
<td>pulse</td>
<td>61*VI</td>
</tr>
<tr>
<td>pump wind</td>
<td>11*VI</td>
</tr>
<tr>
<td>repeating</td>
<td>11, VIII i*VI</td>
</tr>
<tr>
<td>seconds beating</td>
<td>12*VI</td>
</tr>
<tr>
<td>sidereal</td>
<td>129*VI</td>
</tr>
<tr>
<td>tourbillon</td>
<td>129, 130, 182*VI</td>
</tr>
<tr>
<td>from Zug</td>
<td>51*VI</td>
</tr>
<tr>
<td>by Barraud</td>
<td>12*VI</td>
</tr>
<tr>
<td>by Bockel</td>
<td>VIII i*VI</td>
</tr>
<tr>
<td>by Breguet</td>
<td>181, IV v, VIII i*VI</td>
</tr>
<tr>
<td>by Chappelle</td>
<td>XII x*VI</td>
</tr>
<tr>
<td>by Crayle</td>
<td>63, VIII i*VI</td>
</tr>
<tr>
<td>by Du Bois</td>
<td>11, 12*VI</td>
</tr>
<tr>
<td>by Du Maresq</td>
<td>6*VI</td>
</tr>
<tr>
<td>by Emery</td>
<td>130, 165*VI</td>
</tr>
<tr>
<td>by Etherington</td>
<td>133*VI</td>
</tr>
<tr>
<td>by Grant</td>
<td>181*VI</td>
</tr>
<tr>
<td>by Grinkin</td>
<td>VIII i*VI</td>
</tr>
<tr>
<td>by Hughes</td>
<td>31, 128*VI</td>
</tr>
<tr>
<td>by Jurgensen</td>
<td>179*VI</td>
</tr>
<tr>
<td>by Leroux</td>
<td>165*VI</td>
</tr>
<tr>
<td>by Margetts</td>
<td>129*VI</td>
</tr>
<tr>
<td>by Massey, Nicholas</td>
<td>67*VI</td>
</tr>
<tr>
<td>by Mudge</td>
<td>130*VI</td>
</tr>
<tr>
<td>by Nawe, Francis</td>
<td>31*VI</td>
</tr>
<tr>
<td>by Recordon</td>
<td>II 1, 10, 11, 129*VI</td>
</tr>
<tr>
<td>by Tompion</td>
<td>175*VI</td>
</tr>
<tr>
<td>by Watson</td>
<td>61*VI</td>
</tr>
</tbody>
</table>

**See also, Chronometers, pocket*VI**

**Watch and Clock Makers' Design Books**

**Water clocks*VI**
- Chinese, astronomical
- Medieval monastic

**Waywiser**

**Webster Collection**

**Weight drive, early use of**

**Wellington, Dominion Museum**

**Wellington, Duke of**

**Wells Cathedral clock**

**Whipple Museum of the History of Science, Cambridge**

**Whorwood, Brome**

**Who's Who, Horological ?**

**Wiedemann, E.**

**Wilhelm IV of Hesse**

**Will of Robert Seignior**

**Wilson, R. M.**

**Chinese, astronomical**

**Medieval monastic**

**54, 84, SI 5, SIII 2*VI**

**66, 172*VI**

**29, 31, 62, II B, IV B*VI**

**56*VI**

**64, SIII 4*VI**

**137, 184*VI**

**119*VI**

**21*VI**

**170*VI**

**154, 190*VI**

**19, SII 5*VI**

**1, 30, 67, 77, 83, 135, 189*VI**

**RI 3*VI**

**60*VI**

**42*VI**

**102*VI**
INDEX OF MAKERS

including both horological and allied trades, viz. watchcase makers, ornament designers, instrument makers and apprentices.

Black type indicates an illustration.

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams, George</td>
<td>74V1</td>
</tr>
<tr>
<td>Adamson., William</td>
<td>IV viiV1</td>
</tr>
<tr>
<td>Aldworth, Samuel</td>
<td>37V1</td>
</tr>
<tr>
<td>Allam, William</td>
<td>21V1</td>
</tr>
<tr>
<td>Allan and Clements</td>
<td>XII BV1</td>
</tr>
<tr>
<td>Anthony, William</td>
<td>172V1</td>
</tr>
<tr>
<td>Antram, Joseph</td>
<td>V B</td>
</tr>
<tr>
<td>Archambo, John</td>
<td>21V1</td>
</tr>
<tr>
<td>Aris, Samuel</td>
<td>21V1</td>
</tr>
<tr>
<td>Arnold, John</td>
<td>129, SIV 6V1</td>
</tr>
<tr>
<td></td>
<td>178V1</td>
</tr>
<tr>
<td>Arnold, John Roger</td>
<td>IX ii, 172, SIV 7V1</td>
</tr>
<tr>
<td>Audemars, Louis</td>
<td>11V1</td>
</tr>
<tr>
<td>Baldwin, Eberdahdt</td>
<td>60V1</td>
</tr>
<tr>
<td>Bannister, Anthony</td>
<td>135V1</td>
</tr>
<tr>
<td>Barnes, Nathan</td>
<td>21V1</td>
</tr>
<tr>
<td>Barnet, John</td>
<td>94V1</td>
</tr>
<tr>
<td>Barraud, Paul Philip</td>
<td>12, 100, 163V1</td>
</tr>
<tr>
<td>Barrow, Nathaniel</td>
<td>II vV1</td>
</tr>
<tr>
<td>Bartram, Simon</td>
<td>63V1</td>
</tr>
<tr>
<td>Bast (? Best)</td>
<td>132V1</td>
</tr>
<tr>
<td>Beet, William</td>
<td>21V1</td>
</tr>
<tr>
<td>Behaim, H. Sebald, ornament designer</td>
<td>82V1</td>
</tr>
<tr>
<td>Beilby, Ralph</td>
<td>189V1</td>
</tr>
<tr>
<td>Bellefontaine</td>
<td>VI iaV1</td>
</tr>
<tr>
<td>Belling, John</td>
<td>120V1</td>
</tr>
<tr>
<td>Bennett, Mansell</td>
<td>100V1</td>
</tr>
<tr>
<td>Benzie, Simpson</td>
<td>XI iiiV1</td>
</tr>
<tr>
<td>Berain, Jean, ornament designer</td>
<td>82V1</td>
</tr>
<tr>
<td>Bergeret, Jean</td>
<td>114V1</td>
</tr>
<tr>
<td>Berry, Samuel</td>
<td>21V1</td>
</tr>
<tr>
<td>Berthoud, Ferdinand</td>
<td>85, 178V1</td>
</tr>
</tbody>
</table>
Clayton, Thomas
Clowes
Cock, William
Cockey
Cole, B., & Son
Cole, Humphrey, instrument maker
Cole, James Ferguson
Cole, Thomas
Collins, Richard
Collyer, Benjamin
Comport, Ebenezer
Conlong, Charles
Coombe, William
Corduroy, Phillip
Cornelius, Jacob
Coster, Salomon
Courvoisier, David
Cox, James
Crawford, John
Crayle, Richard
Crayle, William
Crouch, Edward
Cruttenden, Thomas
Culvewell, Nathaniel
Curtis, Henry
D
Daft, Thomas
Dallam, Thomas
Dalley, William
Davis, John
De Charmes, Simon
De Coesfelt, C. Z.
Du Commun, Francois
De Doni, Giovanni
De Felains, Jean
De la Garde, Abraham
De la Garde, Jacques
Delander, Daniel
Delaunder, Nathaniel, watch Case maker
Delaunay, Etienne, ornament designer
Demestarre
Dent
Dent, Robert
De St. Leu, Daniel
De St. Paul, Johan
De St. Paule, Triomphe
De Vic
De Wellke, Christian
Draycott, Francis
Droz
Du Bois & Fils
Dubois
Du Chesne, Claudius
Du Maresq, Philip

39V I
120, 159, 184, 186V I
IV xiV I
120V I
35V I
74V I
35V I
128, 130V I
VIII iiV I
67V I
21V I
21V I
85V I
43V I
32V I
23, 44, 138, 185, 188V I
177V I
51, 90, 100, 172V I
21V I
SII 2V I
21V I
63, VIII iV I
32V I
172V I
43V I
21V I
135V I
119V I
151, SII 2V I
21V I
35, 138, 170V I
1V iiV I
74, 75V I
32, 49, 72, 83,158, 173, RI 5, 6V I
SIII 3V I
31V I
SII 7V I
47, VI B V I
41V I
82V I
74V I
186V I
42, 43V I
119V I
SII 2V I
19, SII 2, 3V I
SIII 8V I
62, IV B V I
39, 43V I
190V I
11, 12V I
191V I
38, IV F, iiV I
6V I
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Dunlop, Andrew SIV 2\textsuperscript{VI}
Dunlop, Conyers V1
Dunster, Matthew 120\textsuperscript{VI}
Duteroye, Daniel 21\textsuperscript{VI}

E
Earnshaw, Thomas 29, 129, 179, IX iii, SIV 6\textsuperscript{VI}
East, Edward 8, 62, 63, 119, 132, XB\textsuperscript{VI}
Ebsworth, John 63\textsuperscript{VI}
Eisinga 74\textsuperscript{VI}
Ekegren 180\textsuperscript{VI}
Elford, Joseph 120\textsuperscript{VI}
Ellicott, John 51, 161, 162, II ii, III i\textsuperscript{VI}
Ellicott, Edward 162\textsuperscript{VI}
Emery, Josiah 130, 143, 168\textsuperscript{VI}
Etheringtonton, George 133\textsuperscript{VI}

F
Fabergé, Carl 91\textsuperscript{VI}
Farmer, Thomas 100\textsuperscript{VI}
Feron, Abraham 21\textsuperscript{VI}
Feron, Lewis 21\textsuperscript{VI}
Fleureau, Esaye 142\textsuperscript{VI}
Flöter, Peter, ornament designer 81, 82\textsuperscript{VI}
Franeker 74\textsuperscript{VI}
Frazer, Alexander 120\textsuperscript{VI}
French, Nathaniel 21\textsuperscript{VI}
Frodsham, Charles IX ii, X iii\textsuperscript{VI}
Frodsham, William IX ii\textsuperscript{VI}
Fromanteel, Ahasuerus 48, 118, 119, 131, 132, 149, 186\textsuperscript{VI}
Fromanteel, John 119\textsuperscript{VI}
Fusori, Jean 156\textsuperscript{VI}

G
Garrard, John 21\textsuperscript{VI}
Gascoigne, Samuel 43\textsuperscript{VI}
Gibbs, Joshua III ii\textsuperscript{VI}
Gifford, Thomas 43\textsuperscript{VI}
Gilpin, Edward SII 4\textsuperscript{VI}
Glover, Thomas 135\textsuperscript{VI}
Goode, Charles X iv\textsuperscript{VI}
Gould, Charles VII viii\textsuperscript{VI}
Gould, Christopher 20, 37, 47, 51, 67, 119\textsuperscript{VI}
Goullons 191\textsuperscript{VI}
Gout, Ralph 172\textsuperscript{VI}

Graham, George 8, 21, 35, 48, 73, 105, 186, 191, XII, XI viii\textsuperscript{VI}
Grant, John 108\textsuperscript{VI}
Gray, Benjamin 181\textsuperscript{VI}
Gray, George 21, 76, 142\textsuperscript{VI}
Grayhurst & Harvey 77\textsuperscript{VI}
Green, G. S. 171\textsuperscript{VI}
Green, James. see Wyke\textsuperscript{VI}
Greenway, James 120\textsuperscript{VI}
Gregg, Francis IX B\textsuperscript{VI}
Gregg, Richard IX B, XII iv\textsuperscript{VI}
Gregory, Jeremy 41\textsuperscript{VI}
Gretton, Charles 20, 37, 88, III iii, VII F\textsuperscript{VI}
Gribelin, Isaac, ornament designer and engraver 82\textsuperscript{VI}
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Gribelin, Simon, ornament designer 85VI
Griffin, Daniel 21VI
Grimaldi & Johnson IX iiVI
Grinkin, Robert 63, VIII iVI
Gudgin, Stephen 21VI
Guilleman, Jehan 114VI
Gurre, J. 149VI
H
I.H. 31VI
Haimmert, Martin 31VI
Haley, John 171VI
Halley, Thomas 21VI
Halleicher, Matthaeus 187VI
Hallifax, John 48, 100VI
Harbrecht, Isaac 89VI
Hardy, Jos  VII iiVI
Harris, John 21, 43, 51VI
Harrison, Henry 21VI
Harrison; John 32, 100, 116, 128, 129VI
address 8VI
fifth timekeeper 152VI
Havre, John 75VI
Hodges, Nathaniel 37
Holmden, George VII vVI
Holmes John 161VI
Houdin, J. F.  XI vVI
Houghton 11VI
Houriet, F. 177VI
Howells & Pennington 85VI
Hubert, David 48VI
Hughes, William 29, 31, 128VI
Huguenin, G. 11VI
Hunter, Thomas 100VI
Huntsman, Benjamin 118VI
Hurtu, Jacques, ornament designer 81, 82VI
Hutchinson, William 134, 135VI
Hyems, Joan 62VI
I
Ilbery 119VI
Isenbroek, Pieter 74VI
Ives . 173VI
J
Jacquard, Antoine, watch ornament designer 80, 82VI
Janvier 3VI
Jaquet-Droz 20, 91VI
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Johnson, William 110
Jolly, Joseph 20, 37, 40, 119, 141
Jones, Henry bracket clocks 87, I B, VI v, X F
Jones, James 21
Jones, John 21
Jörgensen, Jörgen 177
Jurgensen, Frédéric 177
Jurgensen, Jules Frédéric 177
Jurgensen, Louis Urban 177
Jurgensen, Urban 177
Kendall, Larcum 129, 146
King, Peter 21
Kirk, Joseph 21
Knibb, John bracket clock 19, 62, 85, 100, 116, SII 5
longcase clocks IV iii
wall clock III v, VI vi
Knibb, Joseph bracket clocks V ii, VII BV
lantern clock V iii
longcase clock 19, 37, 51, 66, 67, 119, 191, SII 5
Knibb, Peter 180
Kullberg 180

Lambey, John 120
Langhorne, John, bell founder 117
Larpent, Isaac 177
Lawrie, James 189
Lecoultre, A. 11
Le Count, Daniel 148
Lepaute, J. J. 85
Lepine, J. A. 11
Lerean, John 21
Leroux, John 165
Le Roy, Julien 167
Leschot 100
Leslie, Robert 91
Leyland SIII 7
Lietuyl, Johannes 191
Littlewort, George 89
Lovelace, Jacob 11
Lowndes, Jonathan 119
Lyons, Richard VIII B
McCabe, James 67, 85, 119, 180, XI iii
Maggs, William 172
Magnin, Etienne 178
Maillardet 91
Maire, Joseph, locksmith 114
Man, Daniel (maker ?) 41
Marchant, Samuel 43
Margetts, George 129
Martin, Benjamin, mathematical instrument maker 74, 75
Martineau, Joseph 37
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Mason, William 20
Massey, Edmund
Massey, Henry 67
Massy, Nicholas 67
Mayr, Jacob X
Melly, Frères 85
Meredith, John III
Meylan, P. S. 91, VIII iv
Michell, Walter 120
Mifference, Lewis 21
Moisant, Jehan 63
Monk, William SIII 12
Moser, George, Michael 110, 144
Moss, Thomas 32, 85, 128
Mudge, Thomas 118, 130
Monk, William SIII 12
Mudge & Dutton SIV 4
Muller, F. Henrick 172
Murray 100
Mynuel
N
Nawe, Francis 31
Nicasius, John 39
Nicolle, A. 11
Norton, Eardley SIV 4
Nouwen, Michael II B
O
Orange 92
P
Pagett, Ambrose 135
Paillet, Daniel 21
Paine, John 21
Pantin, Nicholas SII 5
Parker, Thomas 21
Parkinson & Frodsham IX ii
Partington, Thomas V VIII
Pashler, Edward III B
Paulet 20
Payne, William 32
Pendleton, Richard 181
Pennington, Robert 85
Pepper, John 134, 135
Peream, George 120
Perigal, Francis 67
Pfäf, Jeremias 31
Phillipson, Isaac 21
Phillipe, A. 11
Piguet, I. D. 91, VIII iv
Piguet & Meylan 51
Pinchbeck, Christopher 26, 35
Pinchbeck, Edward 26
Pollard, John 120
Pollman, Mark 21
Pope, Joseph 74
Pouzait, I. M. 12
Povey, Horrobin 21
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Poy, Godfrie

Prest, Thomas

Pridham, Lewis

Prior, George,

Puller, Jonathan

Punchard, William

Q

Quare, Daniel

barometer

clocks

Quare & Horseman

Quelch, John

Quelch, Richard

R

Ramsden, Jesse, instrument maker

Ranklyn, Thomas, locksmith

Ratzenhofer, Mathias

Raworth, Henry

Rayer, John, smith

Rechter, Jan

Recordon

Reed, Edward Louis

Reed, George Jeremiah

Reed, George Lawton

Reed, John Thwaites

Rehle, Johann

Reith, James

Rey, Jacob

Reynolds, Thomas

Rimbault, Paul

Rimbault, Stephen

Rittenhouse, David

Rivière, Charles

Robert

Robin

Robin, F.

Robin, John

Robin, Owen

Rochat, Freres

Rogers, Isaac

Rollwright, Thomas, smith

Rookesby, John

Rookesby, Robert

Rowley, John, instrument maker

S

Sanderson & Co.

Scadding, Tames

Schissler, Christopher, instrument maker

Schlottheim, Hans

 Seddon, John

 Seddon, Nathaniel

 Seignior, Robert

 Shaw, John

 Sheffield, James

 Smith, James

 Smith, Samuel

 Snow, William

XII BV1

11IV

120IV

SII 6IV

134IV

43IV

37, 119, 124, 134IV

VII BV1

IV iv, V iv, IX iiiIV

85IV

19, SII 4, 6IV

19, SII 3, 4, 6IV

100IV

19, SII 4IV

13IV

120, 139IV

19, SII 3IV

74IV

10, 129, II i, iiIV

163IV

163IV

163IV

163IV

172IV

VII iiIV

119IV

SII 5IV

XI BV1

20, 67, 116IV

75IV

91, 92, VI FIV

100IV

191IV

II iiIV

21IV

179IV

91IV

163IV

SII 2IV

133IV

133IV

73IV

30IV

120IV

54IV

7IV

21IV

172IV

39IV

III iiIV

135IV

21IV

11IV

6IV
Solis, Virgil, ornament designer 81, 82
Speakman, Edward SIV 2
Spendelow, William 149
Staples, William 172
Startridge, Roger 120
Staunton, Edward 40
Steed, Joseph 21
Steevens, Daniel 134
Stubbs, Gabriel 43
Sully, Henry 162
Sylvius, Baithasar, ornament designer 81
Tanqueray, James 21, 67
Taylor, John III vi
Taylor, Thomas 100, SII 4
Tharin 92
Thompson, Antonius 172
Thomson, Adam 86
Thorne, Simon 120
Thuret, Isaac 25
Thwaites, Aynsworth 161
Thwaites, Benjamin 161
Thwaites, John 161
Tickle, John 120
Tompion, Thomas 8, 47, 93, 112, 168, 190
bracket clocks 131, V F, VIII
broadsheet 78
death 94
equation mechanism 124, 154
hood clock VII i
and Hooke 41, 120
longcase clocks 130, VI vi, XI viii
Tompion, Thomas (cont) sale prices 20, 32, 37, 62, 85, 119, 171
tic-tac escapement 66
timepiece 105
 turret clock 20, 50
watch 175
Toutin, Henri, ornament designer 82
Toutin, Jean, ornament designer 82
Tracey, Stevin 72
Treffler, Sebastian 119
Treverton, John 120
Troschel, Hans 136
U
Upjohn, James 21
V
Vallin, N. 67, 86
Van Ceulen, Johannes 23, 25, 72, 185
Van der Cloese, Jacobus 25
Van der Cruycen, repoussé ornament designer 85
Van der Hecken, Abraham, engraver and ornament designer 82
Vaucher, Freres 183
Vauquer, Jacques, engraver and ornament designer 82
Vérité, Auguste Lucien 75
Vernon, Samuel 39
Vick, Richard 67, V x Vf
Viner SIV 3 Vi
Visbach, Peter 23 Vi
Vockenberger 13 Vi
Voyce, Richard 134, 135 Vi
Vrieman, Johannes SIII 7 Vi
Vrieman, Willemus SIII 7 Vi
Vulliamy 48, 51 Vi
Vulliamy, Benjamin 161 Vi
Vulliamy, Benjamin Lewis 15, 20, 50, 67, 145, 162, II F, IX ii, SIII 14 Vi
Vulliamy, Francois Justin 76, 142 Vi
Vulliamy, Justin 143, 144 Vi
Vulliamy, Justin Theodore 142, 162 Vi
Wacklin, Thomas Richard 76 Vi
Waldron, John 120, 139 Vi
Watkins, Alexander 131 Vi
Watson, Samuel 60, 67, 85 Vi
Watts, Brounker 67 Vi
Webster, George 43 Vi
Webster, John 93 Vi
Webster, Margaret 93 Vi
Webster, Richard 109 Vi
Webster, Richard Godfrey 111 Vi
Webster, Robert 43, 93 Vi
Webster, William 93, 109 Vi
Wernie, Michael, ornament designer and engraver 82 Vi
Wheatley SIV, 5 Vi
Whitehurst 119 Vi
Willard, S. & Son IX ii Vi
Willcocks, Richard 67 Vi
Williamson, Joseph 51, 119, 123, 154 Vi
Williamson, Robert 85 Vi
Wilson, James IX v Vi
Wimpew, David 120 Vi
Windmills, Joseph 63, 172, IV vi, V vi, IX vi Vi
Winnerl 180 Vi
Wolf, Lewis 179 Vi
Wright, Richard 43 Vi
Wright, Thomas 30, 74 Vi
Wyke & Green 170 Vi
Z
Zech, Jacob S1 7 Vi

LIST OF TITLES OF THE PRINCIPAL ARTICLES AND LECTURE REPORTS Vi
Ancient Turrent Clocks and Automata 33 Vi
Automatic Music in Miniature 59 Vi
Benjamin Gray 76 Vi
Benjamin Lewis Vulliamy 15 Vi
Brome Hall Turret Clock by Tompion 50 Vi
Captain Cook's Cabin Clock and its maker William Hughes 29 Vi
Chinese Astronomical Clockwork 153 Vi
Clocks of the 15th and 16th Centuries 17, S1 Vi
Clocks of the Netherlands 44 Vi
Clockwork before the Clock RI Vi
Congreve Clocks 164 Vi
Courtenay A. Ilbert 168 Vi
Earliest Clock Illustration 49 Vi
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Early Oxford Clockmakers                          V1
Equation Clock Inventions of Joseph Williamson  123
Farquharson                                    99
Five Centuries of British Timekeeping          128
Francois Justin Vulliamy                       142
George Etherington                              133
Giovanni Dondi's Astronomical Clock           83
Halleicher's Singing Clock                     187
Huygens Collection                             23
Huygens Tercentenary Exhibition                185
Interesting Equation Dial                      167
Jacquemart Clock of Dijon                      113
John Thwaites                                  161
Masterpieces of British Art and Craftsmanship    47
Mechanical Pictures                            89
Medieval Monastic Water Clock                  54
Neglected Chapter                              10
New Light on Ancient Turret Clocks             64
No Real Night                                  4
Percy Webster Collection                       31, 62
Performance of Early Watches                   SIV
Pinchbeck                                      26
Planetaria                                     70
Rare Portable Sundial at the Science Museum    115
Robert Seignior                                39
Samuel Watson                                  60
Sandglasses and a Breguet chronometer          97
Sussex Clock                                   148
Thomas Dallam's Organ Clock                    151
Tic-tac Escapement                             66
Tompson and Graham Timepieces                  105
Tompson Broadsheet in French                   78
Tower of Babel Clock                           7
Turret clock by William Clement                159
Two Interesting Discoveries made in the Gershom Parkington Collection 136
Unorthodox Watch                               6
Unusual Watch                                  183
Urkin Jurgensen the Elder                      177
Viennese Flower-Vase Clock                     13
Visits to Great Collections Clockmakers Company at Guildhall 146, 165, 181
Watch and Clock Makers' Design Books           80
W.D.'s Dial                                    34
Webster Family of Clockmakers                  93, 109

LIST OF AUTHORS OF THE PRINCIPAL ARTICLES AND LECTURES
Bates, Colonel A. S.                           99
Beeson, Dr. C. F., C.                          19, 34
Benson Beavers, S.                             15, 76, 136, 142
Buggins, G. T. E. and Devereux, F. B. M.      161
Castle, John W.                                7, 113, 187
Clarke, John E. T.                             59
Clutton, Cecil                                 128, 146, 165, 181, SIV
Crommelin, Dr. C. A.                           70
Cuss, T. P. Camerer                            10, 89, 183
Drake, T. A. S.                                164
Drover, C. B.                                  17, 49, 54, 151, SI
Foulkes, R. K.                                 29, 105
Hayward, J. F.                                 80
<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Howgrave-Graham, R. P.</td>
<td>33, 64, SIII</td>
</tr>
<tr>
<td>Ilbert, C. A.</td>
<td>78V1</td>
</tr>
<tr>
<td>Jagger, Cedric</td>
<td>6, 39, 97, 133, 177V1</td>
</tr>
<tr>
<td>Knowles-Brown, F. H.</td>
<td>26V1</td>
</tr>
<tr>
<td>Lee, Ronald A.</td>
<td>47V1</td>
</tr>
<tr>
<td>Lloyd, H. Alan</td>
<td>4, 60, 83, 167V1</td>
</tr>
<tr>
<td>Maclean, Dr. Bruce</td>
<td>93, 109V1</td>
</tr>
<tr>
<td>Needham, Dr. Joseph</td>
<td>153V1</td>
</tr>
<tr>
<td>Nixseaman, The Rev. A. J.</td>
<td>148V1</td>
</tr>
<tr>
<td>Oakes, James</td>
<td>31, 62V1</td>
</tr>
<tr>
<td>Palmer, F. W.</td>
<td>97V1</td>
</tr>
<tr>
<td>Parkes, D. W.</td>
<td>66V1</td>
</tr>
<tr>
<td>Price, Dr. D. J.</td>
<td>RIY1</td>
</tr>
<tr>
<td>Symonds, R. W.</td>
<td>50V1</td>
</tr>
<tr>
<td>Tyler, E. J.</td>
<td>44V1</td>
</tr>
<tr>
<td>Von Bertele, Dr. H.</td>
<td>13, 123V1</td>
</tr>
<tr>
<td>Ward, Dr. F. A. B.</td>
<td>23, 115, 159, 185V1</td>
</tr>
</tbody>
</table>

**BOOK REVIEWS** 102, 155, 173, 190V1

- Britten's Old Clocks and Watches 155V1
- Chapuis, A., De Horologus in Arte 155V1
- Chapuis, A., Histoire de la Boite a’ Musique Mechanique 173V1
- Lloyd, H. A., Giovanni De Dondi’s Horological Masterpiece 173V1
- Morpurgo, E., Ung petit Traide pour /aire Horoleiges 102V1
- Price, Dr. D. J. The Equatorie of the Planetis 102V1
- Symonds, R. W., Furniture-making in 17th and 18th Century England 102V1
- Ward, Dr. F. A. B., Time Measurement 173V1
- Zinner, E., Aus der Friihzeit de Räderuhr 190V1

**CORRESPONDENCE**

- Barnard, Capt. E. A. 139V1
- Burleigh James I. 120V1
- Castle, J 84V1
- Heath, R. A. D. 84V1
- Hillary, E. 85V1
- Nedson, S. W. 139V1
- Nixseaman, The Rev. A. J. 120V1
- Price, Dr. D. J. 117V1
- Simoni, Capt. A. 84V1

**FOR YOUR FURTHER READING** 51, 67, 79, 100, 118, 137, 152, 173, 184V1

**HOROLOGICAL WHO’S WHO**

- Beeson, Dr. C. F. C. 21V1
- Benson Beevers, S. 21V1
- Castle, J W. 135V1
- Clutton, C. 67V1
- Crommelin, Dr. C. A. 83V1
- Cuss, T. P. C. 21V1
- Drover, C. B. 21V1
- Harris, The Lord 160V1
- Hayward, J. 83V1
- Howgrave-Graham, R. P. 30V1
- Jagger, C. 30V1
- Matthey, G. C. H. 189V1
- Needham, Dr. I. 135V1
MEMBERS ENROLLED
3, 20, 36, 52, 68, 87, 103, 119, 155, 175, 192

ROUND THE SALE ROOMS
20, 37, 51, 67, 85, 100, 119, 171, 191

SHORT BIOGRAPHIES
No. 1 Benjamin Lewis Vulliamy by S. Benson Beevers 15
No. 2 The Pinchbecks by F. H. Knowles-Brown 26
No. 3 Robert Seignior by Cedric Jagger 39
No. 4 Samuel Watson by H. Alan Lloyd 60
No. 5 Benjamin Gray by S. Benson Beevers 76
No. 6 The Webster Family of Clockmakers by Bruce Maclean 93, 109
No. 7 George Etherington by Cedric Jagger 133
No. 8 Francois Justin Vulliamy by S. Benson Beevers 142
No. 9 John Thwaites by Geoffrey T. E. Buggins, and F. B. M. Devereux 161
No. 10 Urban Jürgensen the Elder by Cedric Jagger 177
LIST OF ACQUISITIONS FOR THE SOCIETY'S LIBRARY

See: The Librarian Acknowledges 8, 21, 32, 86, 102

Ashbourne, The Old Clockmakers of 102
Catalogues:
- Billmeir Collection 86
- Birmingham Exhibition 21
- British Clockmakers' Heritage Exhibition 21
- Graham Bicentenary Exhibition 21
- Temple Newsam Exhibition 21

Cuss, T. P. C., The Story of Watches 8
Ferguson, Lectures on Experimental Philosophy 86
Gale W K V Boulton, Watt and the Soho Undertakings 102
Lloyd, H. Alan, Chats on Old Clocks 8
- reprints: Tides and the Time 8
- The Anchor Escapement 8
- A Link with Captain Cook and H.M.S. Endeavour 8
- H. J. Discovers Flamsteed's Tompion 8
- The Origin of the Fusee 8
- George Graham 8
- Predicting Eclipses 8
- The one and only Edward East 8
- The work of the lesser known English Clockmakers 8
- The Evolution of the Equation Clock 8
- John Harrison 32

Lloyd, H. Alan and Drover, C. B., Nicholas Vallin 86
Morpurgo, E., The Origin of the Watch 86
Parisi, Bruno, I Manoscritti di G. Dondi Dall'Orologio 32
Salomons, Sir David, Breguet 102
Simoni, Captain A., Giovanni de Dondi 32
Striking Evolution in Early Clocks 102
Symonds, R. W., A Book of English Clocks 8
Thomson, Adam, Time and Timekeepers 86
Ullyett, K.
- Timekeepers British Clocks and Clockmakers 8
- In Quest of Clocks 8

Wood, E. I., Curiosities of Clocks and Watches 21

LIST OF BOOKS AND ARTICLES

See of acquisitions for the Library Book Reviews

For Your Further Reading

Beckmann, History of Inventions (1846) 66, RI 4
Britten, F. J.
- Old Clocks, Watches and their Makers 44, 45, 96, 168
Butler, H. E., The English Clocks the Wetherfield Collection (1907) 124
Capriglia. Misura del Tempo (1665) SII 5
Cescinsky & Webster, English Domestic Clocks (1914) 95, 119
Chamberlain, P. M., Its about Time (1941) 166, 178, 181
Derham, W., The Artificial Clockmaker (1696) 34, 61, 78
Desaguilers, J. T., A Course of Experimental Philosophy 107
Dijksierhuis, E. J., Archimedes (1938) 71
Drachmann, A. G., Ktesibios, Philon and Heron (1948) RI 6
Fox, C., Anthology of Clocks and Watches (1947) SII 3
Frodsham, Charles, On the Laws of Isochronism of the Balance Spring (1846) IX ii
Gélis, Edouard, L'Horlogerie Ancienne (1950) 80
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Gillingham, H. E., Horologium Achaz (1926) 63\textsuperscript{VI}
Gordon, G. F. C., Clockmaking Past and Present (1949) 45\textsuperscript{VI}
Gould, R. T., The Marine Chronometer (1923) 22, 73, 146, 147, 179\textsuperscript{VI}
Gunther, R. T. \textsuperscript{VI}
  The Astrolabes of the World (1932) 117, RI 3\textsuperscript{VI}
  Early Science in Oxford 43\textsuperscript{VI}
Hakluyt, Society, Early Voyages and Travels in the Levant (1893) 152\textsuperscript{VI}
Havinga, I., and others, Het Planetarium Boek (1928) 75\textsuperscript{VI}
Howgrave-Graham, R. P., Some Clocks and Jacks, Archaeologia (1927) SIII 13\textsuperscript{VI}
Huygens, C. \textsuperscript{VI}
  Horologicum (1658) 185\textsuperscript{VI}
  Horologium Oscillatorium (1673) 24, 186\textsuperscript{VI}
  Opuscula Postuma (1703) 72\textsuperscript{VI}
Jürgensen, Urban, Principes généraux de l'exacte mesure du temps (1805) 178\textsuperscript{VI}
Kay, A. C., (The Connoisseur, December, 1946) SIII 15\textsuperscript{VI}
Lloyd, H. A. \textsuperscript{VI}
  Giovanni de Dondi's Horological Masterpiece RI 6\textsuperscript{VI}
  Notes on Some Very Early English Equation Clocks (Horological Journal, December, 1954) 123\textsuperscript{VI}
Matschoss, Conrad, Geschichte des Zahnrades (1940) RI 3\textsuperscript{VI}
Moinet, Louis, Nouveau Traité d'Horlogerie (1848) SIII 8\textsuperscript{VI}
Needham, J., Science and Civilisation in China RI 3, 5\textsuperscript{VI}
Price, D. J., The Equatorie of the Planetis (1955) RI 6, 10\textsuperscript{VI}
Rice, Howard C., The Rittenhouse Orrery (1954) 75\textsuperscript{VI}
Robertson, J, Drummond, The Evolution of Clockwork (1931) 44, 170, RI 3\textsuperscript{VI}
Sarton, George, An Introduction to the History of Science 63\textsuperscript{VI}
Smith, J., Horological Disquisitions 61\textsuperscript{VI}
Sumner, W. L., The Organ (1952) 150\textsuperscript{VI}
Symonds, R. W. \textsuperscript{VI}
  A Book of English Clocks SI 4\textsuperscript{VI}
  Masterpieces of English Furniture and Clocks (1940) 94\textsuperscript{VI}
  Thomas Tompion (1951) 78, 93\textsuperscript{VI}
Thorndike, Lynn, The Sphere of Sacrobosco and its Commentators (1949) 63\textsuperscript{VI}
Ungerer, A., Les Horloges Astronomique et Monumentales (1931) 72, SIII 8\textsuperscript{VI}
Ward, F. A. B., Time Measurement (1947) 123\textsuperscript{VI}
Wiedemann, E. and Hauser, F., Uber die Uhren im Bereich der Islamischen Kultur (1915), RI3\textsuperscript{VI}
Yamaguchi, R., The Clocks of Japan (1942) 170\textsuperscript{VI}
Zimmer, Ernst, Aus der Frühzeit der Rädureruhr (1954) RI 6\textsuperscript{VI}
INDEX TO VOLUME TWO
(DECEMBER 1956 TO SEPTEMBER 1959)

Compiled by Michael Hurst

PAGES
General Index ... ... ... ... ... ... 243-252
List of Officers, Council and Committees ... ... ... ... 253

SYSTEM OF REFERENCE

Large Roman Numerals indicate Issue of the Journal
F=Front Cover. B=Back Cover.

G=Clockwork Globes and Orreries by Dr. H. von Bertele.
(Reprinted from Horological Journal)

PAGINATION OF THE JOURNAL

<table>
<thead>
<tr>
<th>issue Number</th>
<th>Date</th>
<th>Pages</th>
<th>V2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>December, 1956</td>
<td>1-19</td>
<td>V2</td>
</tr>
<tr>
<td>TWO</td>
<td>March, 1957</td>
<td>20-39</td>
<td>V2</td>
</tr>
<tr>
<td>THREE</td>
<td>June, 1957</td>
<td>40-58</td>
<td>V2</td>
</tr>
<tr>
<td>FOUR</td>
<td>September, 1957</td>
<td>59-76</td>
<td>V2</td>
</tr>
<tr>
<td>FIVE</td>
<td>December, 1957</td>
<td>77-96</td>
<td>V2</td>
</tr>
<tr>
<td>SIX</td>
<td>March, 1958</td>
<td>97-116</td>
<td>V2</td>
</tr>
<tr>
<td>SEVEN</td>
<td>June, 1958</td>
<td>117-136</td>
<td>V2</td>
</tr>
<tr>
<td>EIGHT</td>
<td>September, 1958</td>
<td>137-159</td>
<td>V2</td>
</tr>
<tr>
<td>NINE</td>
<td>December, 1958</td>
<td>160-185</td>
<td>V2</td>
</tr>
<tr>
<td>TEN</td>
<td>March, 1959</td>
<td>186-204</td>
<td>V2</td>
</tr>
<tr>
<td>ELEVEN</td>
<td>June, 1959</td>
<td>205-225</td>
<td>V2</td>
</tr>
<tr>
<td>TWELVE</td>
<td>September, 1959</td>
<td>226-242</td>
<td>V2</td>
</tr>
</tbody>
</table>
Index        | 243-253        |       |    |
GENERAL INDEX

Black type indicates an illustration

A
Adams, George 56, 94
Ahaz, Dial of 131
Air clock 34
Alarm mechanism's 196
Alarm watches by
Gribelin, Simon 102
Schniep, Hans 174
Aldworth, Mr. 53
Allen, Elias 124
American Clock Collectors, Visit of, to Britain 150
American Clocks 21, 242
Annual calendars 42
Annual General Meeting Reports 55, 130, 217
Anti-friction wheels 32
Antram, Joseph 83, 74
Archambo, London 82
Armillary spheres by
Anonymous G3
Harbrecht, Josias G2
Arnold, John 10, 83, 172, 177
Arnold & Son, John 203
Arnold, J. R. IX iii
Ashley, Edward
Aspinwall, Samuel 56, 123
Astrolabes 56, 123
Astrology and the Clock, by A. K. Soper 146
Astronomical Clocks 44
Astronomical Clocks, Kellenburger on 118
Astronomical Clocks by
De Dondi, Giovanni 127
Hahn, Philip G. 13
Raingo 149
Tompion, Thomas 136
Watson, Samuel 152
Astronomical Watches by
Margetts, George 152
Quare, Daniel 176
Atmospheric Clock by Cox, James IV ii, iii
Auberson
Automata and Musical Boxes by Graham Hodgetts 65
Automata at Salisbury by R. P. Howgrave-Graham 91
Automata 18, 56, 57, I iv, I B, III vi
Automata by
Bruguiere, Charles IV v
Cox, James 207
Fromanteel 166
Hartinger 230
Jaquet, Droz 65, 66
Liechti, Lawrence 118
Schlotthaim, Hans 109, 207
Automata, Wells clock 3, 4
Automaton Watch by William Hughes 242
<table>
<thead>
<tr>
<th>Term</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bagnall, Benjamin</td>
<td>22</td>
</tr>
<tr>
<td>Balances, compensation</td>
<td>30</td>
</tr>
<tr>
<td>Baldwin</td>
<td>46</td>
</tr>
<tr>
<td>Banjo clocks</td>
<td>24</td>
</tr>
<tr>
<td>Barnard, E. A., Restoration of Repeating work (letter)</td>
<td>56</td>
</tr>
<tr>
<td>Barnett, John</td>
<td>203</td>
</tr>
<tr>
<td>Barometers</td>
<td>X iii</td>
</tr>
<tr>
<td>Barometere by Quare, Daniel</td>
<td>203</td>
</tr>
<tr>
<td>Barraud</td>
<td>225 V ii</td>
</tr>
<tr>
<td>Barrow, Nathaniel</td>
<td>XI iii</td>
</tr>
<tr>
<td>Basle</td>
<td>61</td>
</tr>
<tr>
<td>Basserman-Jordan, Von</td>
<td>235 V</td>
</tr>
<tr>
<td>Bates, Colonel A. S.</td>
<td>226 V</td>
</tr>
<tr>
<td>Baud Frères</td>
<td>62, 65</td>
</tr>
<tr>
<td>Baute et Moulner</td>
<td>82 V</td>
</tr>
<tr>
<td>Bayley, William</td>
<td>89</td>
</tr>
<tr>
<td>Beauvois à Paris</td>
<td>203 V</td>
</tr>
<tr>
<td>Bedini, Simone</td>
<td>142 V</td>
</tr>
<tr>
<td>Beeson, C. F. C. V.</td>
<td></td>
</tr>
<tr>
<td>A history of Wadham College clock</td>
<td>47 V</td>
</tr>
<tr>
<td>Swiss Turret clocks</td>
<td>78 V</td>
</tr>
<tr>
<td>Beevers, S. Benson V.</td>
<td></td>
</tr>
<tr>
<td>Benjamin Vulliamy</td>
<td>31 V</td>
</tr>
<tr>
<td>Gershom-Parkington collection, The</td>
<td>143 V</td>
</tr>
<tr>
<td>Beham, Hans Sebal</td>
<td>46 V</td>
</tr>
<tr>
<td>Bellchambers, J. K., Some West country clock makers</td>
<td>144 V</td>
</tr>
<tr>
<td>Bennet, G. W. V.</td>
<td></td>
</tr>
<tr>
<td>Counter Clutton, on a Breguet watch</td>
<td>72 V</td>
</tr>
<tr>
<td>Sir Wm. Congreve's clocks (letter)</td>
<td>157 V</td>
</tr>
<tr>
<td>Bernouilli, Daniel</td>
<td>114 V</td>
</tr>
<tr>
<td>Bertele, Dr. H. von V.</td>
<td></td>
</tr>
<tr>
<td>Bohemian Clock, The</td>
<td>41 V</td>
</tr>
<tr>
<td>Clockwork Globes and Orreries</td>
<td>G 1 V</td>
</tr>
<tr>
<td>Early clock Discovery</td>
<td>237 V</td>
</tr>
<tr>
<td>Clock driven globes, some</td>
<td>85 V</td>
</tr>
<tr>
<td>Epicyclic Gearing</td>
<td>54 V</td>
</tr>
<tr>
<td>Liechti clocks</td>
<td>195 V</td>
</tr>
<tr>
<td>Origin of the Differential Gear, The</td>
<td>14 V</td>
</tr>
<tr>
<td>Berthoud, Ferdinand</td>
<td>112, 158, 177, 204 V</td>
</tr>
<tr>
<td>Betts, Samuel</td>
<td>56 V</td>
</tr>
<tr>
<td>Beyrer, Theodore</td>
<td>62, 63, 80 V</td>
</tr>
<tr>
<td>Big Ben</td>
<td>55 V</td>
</tr>
<tr>
<td>Biggs, Charles G., Obituary</td>
<td>69 V</td>
</tr>
<tr>
<td>Billmeir, J. A.</td>
<td>198 V</td>
</tr>
<tr>
<td>Biographies, Short, Benjamin Vulliamy</td>
<td>31 V</td>
</tr>
<tr>
<td>Bird, A. C.</td>
<td>87 V</td>
</tr>
<tr>
<td>Bird, Michael</td>
<td>48 V</td>
</tr>
<tr>
<td>Birge &amp; Fuller</td>
<td>242 V</td>
</tr>
<tr>
<td>Black Forest Clockmaking</td>
<td>190 V</td>
</tr>
<tr>
<td>Blanc, Claude</td>
<td>237 V</td>
</tr>
<tr>
<td>Blandifer, Jack</td>
<td>5 V</td>
</tr>
<tr>
<td>Bohemian Clocks</td>
<td>41, 42, 43, 44, 45 V</td>
</tr>
<tr>
<td>Bohemian Clock, The, by Dr. Hans V. Bertele</td>
<td>41 V</td>
</tr>
<tr>
<td>Bohn, Marcus</td>
<td>18 V</td>
</tr>
<tr>
<td>Boll, M.</td>
<td>61 V</td>
</tr>
<tr>
<td>Book Reviews (see Reviews) V</td>
<td></td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Book Watches
Bookwatch by Kienig, Hans 206V2
Bouguet, David 102V2
Bouguet 203V2
Boulton, Matthew 99V2
Bourdier à Paris 148V2
Bracket clocks byV2
Barrow, Nathaniel XI iiiV2
Bradley, Langley VI BV2
Burgi, Jobst 25, 26, 27V2
Clement, William 144V2
Colston, Richard 158V2
Constantin, John 158V2
Cumming, Alexander V vV2
Delander, Daniel 242V2
Dent, E. J. 111V2
Droz, Jaquet 67, 68V2
Earnshaw, Thomas III ivV2
East, Edward 136, 149, 170V2
Etherington, George 136V2
Ellicott, John 216, 225, VII vV2
Fromanteel, Ahasuerus 158V2
Fromanteel, John 18V2
Gray & Vulliamy 73V2
Herbert, Thomas 203V2
Holmes, Richard XIII vV2
Jones, Henry 137, 158, VIII FV2
Knibb, Joseph 18, 111, 149, 186, 242, I ii, X F, X BV2
Knottesford Wm. IX BV2
Lowndes, Jonathan 111V2
Massey, Henry 166, VIII iiiV2
Prior, Edward 77, V FV2
Perrinot, Abraham 136V2
Quare, Daniel 136, 152, 166, 203, 205, IX B, XI FV2
Tompion, Thomas 103, 203, III B, XII F, Xliii, XII iiiV2
Tonge, George 18V2
Wagstaffe, Thomas V BV2
Williamson, Robert 225V2
Windmills, Joseph 158, VII iiiV2
Wise, John 111V2
Bracket Clocks, see also Mantel ClocksV2
Bracket Clock, Painting of 226, XII FV2
Bradley, Henry 19V2
Bradley, Langley 74, VI BV2
Breguet 29, 51, 52, 56, 72, 83, 106, 158, 173, 176, 189, 203, 211, IX vV2
Bretonneau 203V2
Browne, Richard VI ivV2
Brown, Gawen 22V2
Brugui, Charles II vV2
Bruton, E. M., Watch & Clock Textbooks 239V2
Buggins, M. 19V2
Bulcke, Jaques 174V2
Bull, Randolph 124V2
Bullock, James 173V2
Burgundy Clock of Philip the Good 235V2
Burgi, Jobst 16, 44, G 12V2
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Burleigh-James, J., An early Tompion Timepiece 12v^2
Burnap, Daniel 201v^2
Busch, Andreas G 8v^2
Buschmann, Hannes 74v^2
C
Cabrier 82v^2
Caesium Clocks 34v^2
Cajetano, David A. San G 10v^2
Calendar clock, Perpetual 215v^2
Camerer, A., & Co. VIII ivv^2
Camerini 17, 141v^2
Campani, Matteo 142v^2
Campanus, Petrus Thomas 171v^2
Carriage Clock, English, by Gröhé VII ivv^2
Cart & Horse, Illustration of 230v^2
Castle, John W., An 18th Century Whimsy 89v^2
Cathedral clocks 2v^2
Catherwood, Joseph 20, II Fv^2
Celestial Globe, by Habrecht, Isaac G 4v^2
Challen, F. K., Notes on John Tribe 93v^2
Challen, F. K., Marriage Allegations 154v^2
Challen, F. K., Obituary 204v^2
Chamber Clocks, Italian 28v^2
Chapuis, Alfred 62v^2
Chapuis, Alfred, Jacquet-Droz clocks at Madrid 114v^2
Chapuis, Alfred, Obituary 151v^2
Charlton, John 124v^2
Chater & Livermore 136v^2
Chaux-de-Fonds 61v^2
Chillon, Château 62v^2
Chinese incense clock 216v^2
Chronometer Carriage Clock, by Gröhé VII ivv^2
Chronometer Carriage clock, by Losada, J. R. 204v^2
Chronometer Escapement 9v^2
Chronometer, Skeleton clock, by Losada, J. R. 204v^2
Chronometers, Marine byv^2
  Arnold, John 172v^2
  Arnold, John & Son 203v^2
  Breguet 173v^2
  Brockbanks 234v^2
  Bullock, James 173v^2
  Graham, George 172v^2
  Howells & Pennington 75, IV Fv^2
  Kullberg 18v^2
  Loseby 173v^2
  Mudge, Thos. 172v^2
  Schoof 173v^2
  Ulrich & Co. 173v^2
  Washington, Richard 56v^2
Chronometers, Pocket byv^2
  Arnold 152v^2
  Arnold, John 84, 177v^2
  Arnold, J. R. 84, 86, 242v^2
  Barraud 225, 234v^2
  Barwise 56v^2
  Breguet 52, 72, 203, 211v^2
  Earnshaw 56, 152v^2
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Emery, Josiah 204v2
Frodsham, Charles 203v2
Kendall, Larcum 152v2
Pennington 234v2
Tupman X ii v2
Clagget, Thomas 21v2
Clagget, William 21v2
Clauson, uses of differential gearing 15v2
Clay, Charles 18v2
Clement, Edward 57, 144v2
Clement, William 28, 35, 47v2
Clement, William, of Totnes 57v2
Clock, The Pendulum, by Enrico Morpurgo 138v2
Clockmaking at Rome, J. C. Stevens 54v2
Clocks, see also under
Air v2
American v2
Atmospheric v2
Astronomical v2
Banjo v2
Bracket v2
Chamber v2
Congreve v2
Crucifix v2
Elemental v2
Fire v2
Gothic v2
Globe v2
Journeyman v2
Lamp v2
Lantern v2
Longcase v2
Mantel v2
Musical v2
Observation v2
Pre-pendulum v2
Rack v2
Sand v2
Shelf v2
Siderial v2
Three-month v2
Tower v2
Turret v2
Water v2
Waggon Spring v2
Weather v2

Clockwatches by
Casin, Noel 101v2
Moyse of Blois 73v2
Tompion, Thomas 70v2
Cluson, Peter 18v2
Clowes, John 158v2
Clutton, Cecil, Visit to the Collections of
Clutton Cecil 86, 106v2
Harris, The Lord 8, 29, 51v2
Hornby, Edward 187, 210v2
<table>
<thead>
<tr>
<th>Entry</th>
<th>Volume</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jagger, Cedric</td>
<td></td>
<td>232v2</td>
</tr>
<tr>
<td>Metropolitan Museum of Art</td>
<td></td>
<td>70v2</td>
</tr>
<tr>
<td>Clutton, Cecil</td>
<td></td>
<td>72, 210v2</td>
</tr>
<tr>
<td>Clutton, Cecilv2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ilbert's Watches</td>
<td></td>
<td>174v2</td>
</tr>
<tr>
<td>Organ couplers (letter)</td>
<td></td>
<td>94v2</td>
</tr>
<tr>
<td>Sir William Congreve's Free Pendulum Clock</td>
<td></td>
<td>125, 133v2</td>
</tr>
<tr>
<td>Watch Dial (letter)</td>
<td></td>
<td>134v2</td>
</tr>
<tr>
<td>Watches (Talk on B.B.C.)</td>
<td></td>
<td>93v2</td>
</tr>
<tr>
<td>Cockey, Edward</td>
<td></td>
<td>74v2</td>
</tr>
<tr>
<td>Cockerel clocks</td>
<td></td>
<td>193v2</td>
</tr>
<tr>
<td>Cole, Ferguson</td>
<td></td>
<td>178v2</td>
</tr>
<tr>
<td>Cole, Humphrey</td>
<td></td>
<td>101v2</td>
</tr>
<tr>
<td>Cole, Richard</td>
<td></td>
<td>8v2</td>
</tr>
<tr>
<td>Collection ofv2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atkinson, John</td>
<td></td>
<td>152v2</td>
</tr>
<tr>
<td>Bates, Colonel A. S.</td>
<td></td>
<td>226v2</td>
</tr>
<tr>
<td>Beeson, C. F. C.</td>
<td></td>
<td>241v2</td>
</tr>
<tr>
<td>Bertele, Dr. H. von</td>
<td></td>
<td>55v2</td>
</tr>
<tr>
<td>Beyer, M.</td>
<td></td>
<td>63v2</td>
</tr>
<tr>
<td>Clutton, Cecil</td>
<td></td>
<td>86, 106v2</td>
</tr>
<tr>
<td>Cowper-Essex, C. S.</td>
<td></td>
<td>183v2</td>
</tr>
<tr>
<td>Cuss, T. P. Camerer</td>
<td></td>
<td>152v2</td>
</tr>
<tr>
<td>Elskamp, Max</td>
<td></td>
<td>198v2</td>
</tr>
<tr>
<td>Falke, Mr.</td>
<td></td>
<td>226v2</td>
</tr>
<tr>
<td>Fergie, I. A. K.</td>
<td></td>
<td>241v2</td>
</tr>
<tr>
<td>Gisler, M.</td>
<td></td>
<td>63v2</td>
</tr>
<tr>
<td>Gwynne, R. T.</td>
<td></td>
<td>71v2</td>
</tr>
<tr>
<td>Harris, The Lord</td>
<td></td>
<td>148v2</td>
</tr>
<tr>
<td>Hawkins, Bernard</td>
<td></td>
<td>148v2</td>
</tr>
<tr>
<td>Honegger, M.</td>
<td></td>
<td>63v2</td>
</tr>
<tr>
<td>Hornby, Edward</td>
<td></td>
<td>187, 210v2</td>
</tr>
<tr>
<td>Ilbert, Courtenay</td>
<td></td>
<td>117, 160, VIII ii, VIII iii2v2</td>
</tr>
<tr>
<td>Jagger, Cedric</td>
<td></td>
<td>232v2</td>
</tr>
<tr>
<td>Kellenberger, K.</td>
<td></td>
<td>197v2</td>
</tr>
<tr>
<td>Matthey, G. C. H.</td>
<td></td>
<td>183v2</td>
</tr>
<tr>
<td>Michell, G.</td>
<td></td>
<td>183v2</td>
</tr>
<tr>
<td>Morgan, Pierpoint</td>
<td></td>
<td>70v2</td>
</tr>
<tr>
<td>Packard, Donald</td>
<td></td>
<td>242v2</td>
</tr>
<tr>
<td>Parkington, F. Gershom</td>
<td></td>
<td>96, 150, 189, 241v2</td>
</tr>
<tr>
<td>Science, Museum, Reserve</td>
<td></td>
<td>216v2</td>
</tr>
<tr>
<td>Sebastian Maestral</td>
<td></td>
<td>241v2</td>
</tr>
<tr>
<td>Collecting Old Clocks, by H. Alan Lloyd</td>
<td></td>
<td>133v2</td>
</tr>
<tr>
<td>Colston, Richard</td>
<td></td>
<td>158, VIII B2v2</td>
</tr>
<tr>
<td>Commonplace book by Cedric Jagger</td>
<td></td>
<td>131v2</td>
</tr>
<tr>
<td>Commonplace book by Cedric Jagger and A. W. Fayle</td>
<td></td>
<td>155v2</td>
</tr>
<tr>
<td>Commonplace Book, A. H.S.</td>
<td></td>
<td>224v2</td>
</tr>
<tr>
<td>Compensation Balances</td>
<td></td>
<td>30v2</td>
</tr>
<tr>
<td>Compensation Curbs</td>
<td></td>
<td>9v2</td>
</tr>
<tr>
<td>Compensation Pendulum</td>
<td></td>
<td>126v2</td>
</tr>
<tr>
<td>Congreve Rolling Ball Clock</td>
<td></td>
<td>96, 136, VII vii2v2</td>
</tr>
<tr>
<td>Congreve, Sir William's Free Pendulum clock by Cecil Clutton</td>
<td></td>
<td>125v2</td>
</tr>
<tr>
<td>Congreve, Sir William</td>
<td></td>
<td>133, 157v2</td>
</tr>
<tr>
<td>Constantin, John</td>
<td></td>
<td>158v2</td>
</tr>
<tr>
<td>Coole, P. G.</td>
<td></td>
<td>109, 160v2</td>
</tr>
<tr>
<td>Copernicus</td>
<td></td>
<td>6 v2</td>
</tr>
<tr>
<td>Copernican Systems byv2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Anonymous
Busch, Andreas
Janvier, Anatide
Zibermayer, Matthew
Counter Clutton by C. W. Bennett
Covell, W. K., Some Early New England Clocks
Cowper-Essex, C. S.
Cox, James
Crommelin, Dr. C. A., Huygens Pendulum Experiments
Cross Beat Escapement
Crossbeat Clock by Kreitzerer, Christoff
Crown Wheel Dial Clock by Chater & Livermore
Crucifix watch by Delegarde, Anthoine
Crucifix clocks
Crystal watch by Sermand
Cuckoo Clocks by T. P. C. Cuss
Cuckoo Clock by Anonymous
Cumberland's First Horologist by John B. Penfold
Cumming, Alexander
Curb, Compensation
Cusin, Noel
Cuss, F. P. Camerer
Cuckoo Clocks
The Crossbeat Escapement (letter)
Cylinder Escapement
Cylinder watches by
Arnold, John
Graham, George
D
Dawson, P.G.
English Carriage Clock, The
English Domestic Clock, Design of the 18th Century
Ilbert Collection, The
Da Vinci, Leonardo
Deck Watch, see Chronometer, Pocket
De Dondi, Giovanni
Delander, Daniel
Delegarde, Anthoine
Dent & Co. Messrs. E.
Dent, E. J.28, 50, 111, 158
Denton, Robert
Desbois, David
Desmos
Dial matting
Dickens, Charles
Didisheim
Differential Gear, Origin of the, by Dr. H. von Bertele
Dilger, Michael
Donisthorpe
Dover Castle Clock, The
Drover, C. B.
Ilbert Collection
Regulator by T. & Lyonl Samuel (Letter)
Drover, C. B.
Droz, Edward
Droz, Jacquet
Drum Clocks by
Anonymous early 165V2
Grimm, Paul 165V2
Steinmessel. Hans 231V2
Dubois et Fils 56V2
Dutch Clock, Early 163V2
Dutton, Matthew XII viiV2
E
Earle, Thomas 50V2
Early Clock Discovery, by Dr. H. Von Bertele 237V2
Earnshaw, Thomas 9, 86, III ivV2
East, Edward 136, 149, 170, 175, 187V2
Ebsworth, John 158V2
Elections, see New Members EnrolledV2
Elemental Clocks. A. K. Soper on 34V2
Elephant Clocks 40, 206V2
Ellicott, John 34, 216, 225, VII vV2
Ellicott's Compensation 204V2
Elskamp Collection of Sundials, by F. A. B. Ward 198V2
Emery, Josiah 204V2
Enamel watches byV2
Bouquet 203V2
Forfett, Jacob 102V2
Ruaud 203V2
Engines, Wheel cutting 44, 54, 201V2
Engraving, floral 12V2
Epicyclic Gearing 15, 119V2
Epicyclic Gearing, by Dr. H. von Bertele 54V2
Equation Clocks byV2
Lepaute 242V2
Mudge. Thomas 169V2
Quare, Daniel 19, III iiiV2
Williamson, Joseph 14V2
Equation watches 29V2
Egham, Bishop Ralph 6, 91V2
Errors, Position 29V2
Escapement, The Lever. by W. J. Gazeley 223V2
EscapementsV2
Anchor 47V2
Breguet lever 30V2
Chronometer 9, 52, 72, 86, 172, 211, V2
Cross-beat 17, 27V2
Escapements (cont)V2
Cylinder 8V2
Grasshopper 32, 34V2
Gravity 129V2
Mudge’s Lever 67V2
Robin 107V2
Tic-Tac 18V2
Virgule 176V2
Echappement Naturel 52, 107V2
Essex, Joseph 21V2
Etherington, George 136V2
Exeter Cathedral Clock 3V2
Exhibition, Hoygens Tercentenary 16V2
F
Fallier, Mathias 193V2
Fayle, A. W.V2
Commonplace book, A.H.S. 156
John Kent of Congleton (letter) 94
Favre, M. 61
Ferguson, James 215
Ferrari, d'Occhieppo, Dr. K. 44.46
Fielding, The Lady Diana, by H. A. Lloyd 53
Fire Clock 34
Floating hour hand watch by Windmills 175
Flamsteed, John 74
Forfelic, Jacob 102
Foulkes, R. K. 18
Ilbert Collection, The 161
Tompion Travelling Clock, A 103
Fredricksborg Castle G 6
Free, John 49
Free Pendulum clock 28
Friction wheels, Anti- 32
Frodsham. Charles 158, 203, IX iii
Fromanteel 71, 136, 166
Fromanteel, Ahasuerus 28, 158, 167
Fromanteel, John 18
For your further reading, see Further reading
Fuller, A. W., Sundials (letter) 181
Further Reading, For Your 38, 69, 114, 143, 182, 202, 216, 239
Fusee cutting 54
G
Galileo 28, 141
Ganter, Joseph 191
Garde, Jacques de Ia 165
Gardner, Malcolm 180
Gardner, Malcolm, David Samuels & Sons (letter) 157
Gardner, Robert 173, 178
Gamier, Paul 242
Garon, Peter 175
Gautier's Escapement 242
Gazeley, W. J. 88, 126, 177
Gazeley, W. J. Automatic watch with platinum weight 114
Clock Escapements 115
Gazeley, W. J. The Lever Escapement 223
Geneva 62
Gershom-Parkington 96
Gilbertini 62
Gildersleeve, S. A. 110, 217
Gisler, M. 63, 78
Gisze, George 73
Glass bells 190
Globe clocks by
Barraud V iii
Buschmann, Hannes 204
Desmos G 14
Janvier, Anatide 149
Olearius G 8
Treffler, J. G 12
Globes and Orreris. Clockwork by Dr. H. von Bertele G 1
Globe, Early Clockdriven, by Dr. H. von Bertele 85
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Goflin, G.  
Ferdinand Miller (letter) 181\textdoublesubscript v2
Journeymen clocks (letter) 112\textdoublesubscript v2
Gothic clocks 25, 78\textdoublesubscript v2
Gothic clocks, Collection of 63\textdoublesubscript v2
Gothic clocks by Licchti 195\textdoublesubscript v2
Gothic clock with alarm 231\textdoublesubscript v2
Graham, George 8, 28, 34, 83, 130, 136, 158, 172\textdoublesubscript v2
Grand Sonnerie clocks 8\textdoublesubscript v2
Grand Sonnerie clocks by Thomas Tompion 104, 105\textdoublesubscript v2
Grasshopper Escapement 34\textdoublesubscript v2
Gravity Escapement 129\textdoublesubscript v2
Gravity Escapement for Longcase clocks by K. Younghusband 129\textdoublesubscript v2
Gray, Benjamin 176\textdoublesubscript v2
Grayden, George 113\textdoublesubscript v2
Great Collections, Visits to 98\textdoublesubscript v2
See under Visits to Great Collections  
Greene's Lichfield Museum, by Cedric Jagge 98\textdoublesubscript v2
Greene, Richard 98\textdoublesubscript v2
Gretton, Charles 74\textdoublesubscript v2
Gribelin, Simon 102\textdoublesubscript v2
Gridiron Pendulums 34\textdoublesubscript v2
Grimm, Paulus 166\textdoublesubscript v2
Grinkin, Robert 123\textdoublesubscript v2
Gröhé VII ii\textdoublesubscript v2
Grollier clock 148\textdoublesubscript v2
Grüber, Hans 231\textdoublesubscript v2
Gschwind, Dr. Eugene 59, 60, 79, 82, 227, 231\textdoublesubscript v2
Hahn, Philip G 13\textdoublesubscript v2
Hanging Clock by Edward East 149\textdoublesubscript v2
Harbourg Schloss Clock 229\textdoublesubscript v2
Harbrecht, Isaac 110, 114, G 4\textdoublesubscript v2
Harbrecht, Josias G 2\textdoublesubscript v2
Harris, Collection of The Lord 29, SI, 148\textdoublesubscript v2
Harris, John 123\textdoublesubscript v2
Harrison, John 34, 132, 152\textdoublesubscript v2
Harrison's Education, by Col. H. Quill 34\textdoublesubscript v2
Hawkins, Bernard, Collection of 148\textdoublesubscript v2
Hawting, John 50\textdoublesubscript v2
Hayward, J. F., English Watches (Review) 35\textdoublesubscript v2
Heavenly Clockwork, by J. Needham, W. Ling & D. Price 121\textdoublesubscript v2
Helm of Ormskirk 215\textdoublesubscript v2
Hemins, Edward 49\textdoublesubscript v2
Henlein, Peter 238\textdoublesubscript v2
Herbert, Mr. 53\textdoublesubscript v2
Herbert, Thomas 203\textdoublesubscript v2
Hillary, E., Notes from Notebook of 37\textdoublesubscript v2
Hindley, Henry 35\textdoublesubscript v2
Hodgetts, Graham, Musical Boxes and Automata 65\textdoublesubscript v2
Hofmeir, Leopold 192\textdoublesubscript v2
Holbein, Hans 73\textdoublesubscript v2
Holmes, John 225\textdoublesubscript v2
Holmes, Richard VIII v\textdoublesubscript v2
Holsom, Christopher 75\textdoublesubscript v2
Honneger, M. 63\textdoublesubscript v2
Hooke, Robert 28, 47\textdoublesubscript v2
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Homby, Edward 210
Horological Who's Who, see Who's Who
Horologium, Christiaan Huygen's 1658 17, IF
Horse & Cart, illustration of 230
Hour Glass Sand, An Analysis of, P. A. Sabine 54
House Chronometer, by J. R. Losada 204
Howard, Lord William 122
Howells and Pennington 75, IV F
Howgrave-Graham, R. P. 91, IV F

Huaud 175
Huaud, Pierre 203
Huggerford, Ignatius 152
Hughes, Douglas 95
Hughes, William 68, 82, 242
Hunt & Roskell 178
Hüpfeld 66
Hurst, B. L., The Ilbert Collection 161
Hurst, M. G. 209
Hurst, M. G. 91, 107, 117, 219

Ilbert Collection, The 161
Ilbert's Early Weight Driven Clocks 161
Ilbert's Marine Chronometers 172
Ilbert's Pendulum Clocks 167
Ilbert's Spring Driven Balance Clocks 165
Ilbert's Watches by Cecil Clutton 174
Imbser 46
Information Bureau 153
Italian Clock, Early 161

Jacquet Droz 61
Jaguar, Cedric

Japanese Clocks 23, 203, III
Janvier, Anatide 55, 149, G 13, G 14, G 15
Jacquet, M. 61
Jauncey, Captain J. H., Obituary 182
Jewelled watch by Ignatius Huggerford 152
Jobin, M. 61, 78
Jones, Henry 137, 158, VIII F
Josten, C. M., Astrolabes to Telescopes 143
Journeyman Clocks 94
Journeyman Clocks, Rabson, N. L. on 212
Journeyman Clocks by 213
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Berthoud, Ferdinand 112

K

Kammerer, Josef 191
Kapp, Robert 227
Kent, Johannes 94
Kellenberger, K. 115, 195
Kellenberger, K., The Wintherthur Astronomical Clock 118
Ketterer, Franz Anton 190
Kienig, Hans 206
Kirby's Wonderful Museum 37
Kirchvogel, P. A. 227
Kirchgarten Museum 61
Knibb 71
Knibb, John 48, XI B
Knibb, Joseph 18, 53, 73, 111, 167, 171, 186, 203, 242, XF, XB
Knottesforde, William 160, IXF
Knobles-Brown, F. H. V
A.H.S. Swiss Tour 60, 96
Buntingford Turret Clock (Letter) 112
Koch, Hans 206
Kreitzerer, Christoff VI F
Kremlin Museum, Clocks in 40, 206
Kreuz 190
Kullberg, Victor 18
L
Lamp clocks 34
Lamude, Reuben 89
Lantern Clocks by V
Bowyer, William 162
Clement, Edward 144
Closon, Peter 18
Ebsworth, John 158
Lantern Clocks by (cont) V
Kent, Johannes 94
Knifton, Thomas 25
Wells, John XI viii
Lantz 46
Lanz, Dr. 78
Lasco, P. E. 109, 160
Lawell, Paul 37
Law, Rodney 209
Lee, Ronald A. 226
Leland 2
Le Lode 61
Leonardo da Vinci 138
Leonardo da Vinci and the Clock of Giovanni De Doni, by D. J. Price 127
Lepaute 242
Le Roy, Julien 82, 149
Letts, Malcolm 91
Lever Bracket clock by Thomas Mudge VIII iii
Lever watch 29
Lever Watch, by Francis Perigal 87
Librarian Acknowledges, The 38, 56
Leichti, Andreas 197
Liechti, Erhard 79, 195, 196
Liechti, Laurence 19, 118
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liechti, Ulrich</td>
<td>162 v2</td>
</tr>
<tr>
<td>Liechti Clocks in Exhibition, by Dr. H. von Bertele</td>
<td>195 v2</td>
</tr>
<tr>
<td>Lightfoot, Peter</td>
<td>2 v2</td>
</tr>
<tr>
<td>Lindsay, George</td>
<td>171 v2</td>
</tr>
<tr>
<td>Lisle, De</td>
<td>233 v2</td>
</tr>
<tr>
<td>Lister, Thos.</td>
<td>148 v2</td>
</tr>
<tr>
<td>Lloyd, H. Alan</td>
<td>15 v2</td>
</tr>
<tr>
<td>Lloyd, H. Alan v2</td>
<td></td>
</tr>
<tr>
<td>Collecting Old Clocks (B.B.C. Talk)</td>
<td>133 v2</td>
</tr>
<tr>
<td>Lady Diana Fielding's Watch Repairs</td>
<td>53 v2</td>
</tr>
<tr>
<td>Ludlam's Perpetual Calendar Clock</td>
<td>215 v2</td>
</tr>
<tr>
<td>Longcase Clocks by v2</td>
<td></td>
</tr>
<tr>
<td>Antram, Joseph</td>
<td>111 v2</td>
</tr>
<tr>
<td>Bagnell, Benjamin</td>
<td>22 v2</td>
</tr>
<tr>
<td>Barnett, John</td>
<td>203 v2</td>
</tr>
<tr>
<td>Bradley, Henry</td>
<td>19 v2</td>
</tr>
<tr>
<td>Browne, Richard</td>
<td>VII iv  v2</td>
</tr>
<tr>
<td>Brown, Gawen</td>
<td>23 v2</td>
</tr>
<tr>
<td>Chatsworth</td>
<td>XII vii v2</td>
</tr>
<tr>
<td>Clagget, William</td>
<td>21 v2</td>
</tr>
<tr>
<td>Clay, Charles</td>
<td>18 v2</td>
</tr>
<tr>
<td>Clement, William</td>
<td>28, 144 v2</td>
</tr>
<tr>
<td>Clowes, John</td>
<td>158 v2</td>
</tr>
<tr>
<td>Coiston, Richard</td>
<td>VIII B v2</td>
</tr>
<tr>
<td>East, Edward</td>
<td>148 v2</td>
</tr>
<tr>
<td>Fromanteel</td>
<td>28, 136, 167 v2</td>
</tr>
<tr>
<td>Graham, George</td>
<td>28, 136, 158 v2</td>
</tr>
<tr>
<td>Holmes, John</td>
<td>255 v2</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>XI B v2</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>18, 73, 121, 167, 242 v2</td>
</tr>
<tr>
<td>Lister, Thomas</td>
<td>148 v2</td>
</tr>
<tr>
<td>Longcase Clocks by (cont) v2</td>
<td></td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>55, 136, III iii v2</td>
</tr>
<tr>
<td>Rittenhouse, David</td>
<td>36 v2</td>
</tr>
<tr>
<td>Robinson, William</td>
<td>VII B v2</td>
</tr>
<tr>
<td>Saer, Joseph</td>
<td>169 v2</td>
</tr>
<tr>
<td>Stamper, Francis</td>
<td>148 v2</td>
</tr>
<tr>
<td>Stumbles, William</td>
<td>144 v2</td>
</tr>
<tr>
<td>Thornton, Philip</td>
<td>111 v2</td>
</tr>
<tr>
<td>Tompion and Banger</td>
<td>18 v2</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>12, 36, 111, 136, IVB, V iv v2</td>
</tr>
<tr>
<td>Trubshaw, John</td>
<td>V v, VI ii v2</td>
</tr>
<tr>
<td>Vulliamy, Justin</td>
<td>VI ii v2</td>
</tr>
<tr>
<td>Willard, Simon</td>
<td>24 v2</td>
</tr>
<tr>
<td>Windmill, Joseph</td>
<td>IV ix v2</td>
</tr>
<tr>
<td>Longcase Clocks. See also Regulator Clocks v2</td>
<td></td>
</tr>
<tr>
<td>London in 1710, by Cyril C. Minchin</td>
<td>74 v2</td>
</tr>
<tr>
<td>Losada, J. R.</td>
<td>204 v2</td>
</tr>
<tr>
<td>Loseby</td>
<td>173 v2</td>
</tr>
<tr>
<td>Loske, M., Die Sonnenühren</td>
<td>239 v2</td>
</tr>
<tr>
<td>Lowndes, Johnathan</td>
<td>IIIIP v2</td>
</tr>
<tr>
<td>Lowther, Major A. W. G.</td>
<td>53 v2</td>
</tr>
<tr>
<td>Ludlam's Perpetual Calendar Clock, by H. A. Lloyd</td>
<td>215 v2</td>
</tr>
<tr>
<td>Luscombe, Richard</td>
<td>150 v2</td>
</tr>
<tr>
<td>M</td>
<td></td>
</tr>
<tr>
<td>McCabe, James</td>
<td>222, 225, IX vi v2</td>
</tr>
<tr>
<td>Maclean, Dr. Bruce</td>
<td>18 v2</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Maddison, Francis, &quot;An Orrery by Francis Heath&quot;</td>
<td>143</td>
</tr>
<tr>
<td>Mantel Clocks, see also Bracket Clocks</td>
<td>V2</td>
</tr>
<tr>
<td>Mantel clocks by</td>
<td>V2</td>
</tr>
<tr>
<td>Ashley, Edward</td>
<td>IX iii</td>
</tr>
<tr>
<td>Catherwood, Joseph</td>
<td>II F</td>
</tr>
<tr>
<td>Desbois, Daniel</td>
<td>XII v</td>
</tr>
<tr>
<td>Frodsham</td>
<td>IX iii</td>
</tr>
<tr>
<td>McCabe, James</td>
<td>IX vi</td>
</tr>
<tr>
<td>Moss, Thomas</td>
<td>IX iii</td>
</tr>
<tr>
<td>Rimbault, Stephen</td>
<td>111</td>
</tr>
<tr>
<td>Viner</td>
<td>IX iii</td>
</tr>
<tr>
<td>Vulliamy</td>
<td>I vi</td>
</tr>
<tr>
<td>Weeks of Coventry Street</td>
<td>II B</td>
</tr>
<tr>
<td>Marfels, Carl</td>
<td>235</td>
</tr>
<tr>
<td>Maresq, Philip du</td>
<td>232</td>
</tr>
<tr>
<td>Margetts</td>
<td>82</td>
</tr>
<tr>
<td>Marine Chronometer, see under &quot;Chronometer Marine&quot;</td>
<td>V2</td>
</tr>
<tr>
<td>Marriage Allegations, by F. K. Challen</td>
<td>154, 220</td>
</tr>
<tr>
<td>Martin, Thomas</td>
<td>175</td>
</tr>
<tr>
<td>Martigny</td>
<td>62</td>
</tr>
<tr>
<td>Maskeleyne, Neville</td>
<td>10, 212</td>
</tr>
<tr>
<td>Massey, Henry</td>
<td>83, 111</td>
</tr>
<tr>
<td>Matting dials</td>
<td>54</td>
</tr>
<tr>
<td>Mayer, Jean Jacob</td>
<td>82</td>
</tr>
<tr>
<td>Mellin, Cornelius</td>
<td>175</td>
</tr>
<tr>
<td>Members Enrolled, see &quot;New Members Enrolled&quot;</td>
<td>V2</td>
</tr>
<tr>
<td>Mercer, Dr. Vaudrey, &quot;Watches&quot;</td>
<td>82</td>
</tr>
<tr>
<td>Metal cased bracket clock by Johnathan Lowndes</td>
<td>III F</td>
</tr>
<tr>
<td>Michell, O.</td>
<td>183</td>
</tr>
<tr>
<td>Michel, Henri</td>
<td>198</td>
</tr>
<tr>
<td>Miles, R. H., &quot;Congreve's Helical Gearing clock&quot;</td>
<td>133</td>
</tr>
<tr>
<td>Minchin, Cyril C., &quot;London in 1710&quot;</td>
<td>74</td>
</tr>
<tr>
<td>Monkey clocks, see under &quot;Journeyman clocks&quot;</td>
<td>V2</td>
</tr>
<tr>
<td>Monstrance clocks by</td>
<td>V2</td>
</tr>
<tr>
<td>Anonymous</td>
<td>56</td>
</tr>
<tr>
<td>Kreitzer, Christoff</td>
<td>VI F</td>
</tr>
<tr>
<td>Moon, J. F., &quot;Dating Watches &quot; (letter)</td>
<td>112</td>
</tr>
<tr>
<td>Moore, Jonas</td>
<td>74</td>
</tr>
<tr>
<td>Morgan, Pierpoint</td>
<td>70</td>
</tr>
<tr>
<td>Morpurgo, Enrico, &quot;The Clock and the Pendulum&quot;</td>
<td>138</td>
</tr>
<tr>
<td>Moscow Museums, Clocks in</td>
<td>V2</td>
</tr>
<tr>
<td>Moss, Thos.</td>
<td>IX iii</td>
</tr>
<tr>
<td>Moyse</td>
<td>73</td>
</tr>
<tr>
<td>Mudge, Thomas</td>
<td>8, 18, 59, 69, 75, 87, 152, 166, 169, 172, IV F, VIII iii</td>
</tr>
<tr>
<td>Müller, Johann Paull</td>
<td>111, 117, VII F</td>
</tr>
<tr>
<td>Müller, Ferdinand Kayserlichter Hoffbesreider</td>
<td>181</td>
</tr>
<tr>
<td>Museums</td>
<td>V2</td>
</tr>
<tr>
<td>Metropolitan Muselm!m of Art, N.Y.</td>
<td>70</td>
</tr>
<tr>
<td>Kirschgarten</td>
<td>61</td>
</tr>
<tr>
<td>Kremlin, Moscow</td>
<td>40</td>
</tr>
<tr>
<td>Musical Boxes and Automata, G. Hodgetts on</td>
<td>65</td>
</tr>
<tr>
<td>Musical clocks by</td>
<td>V2</td>
</tr>
<tr>
<td>Anonymous</td>
<td>18, 37</td>
</tr>
<tr>
<td>Catherwood, Joseph</td>
<td>II F</td>
</tr>
<tr>
<td>Greene of Lichfield</td>
<td>99</td>
</tr>
<tr>
<td>Phillip, Robert</td>
<td>I B</td>
</tr>
<tr>
<td>Name</td>
<td>Page Numbers</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Prior, Edward</td>
<td>F⁴²</td>
</tr>
<tr>
<td>Stumbles, William</td>
<td>144⁴²</td>
</tr>
<tr>
<td>Vallin, Nicholas</td>
<td>161⁴²</td>
</tr>
<tr>
<td>Wagstaffe, Thomas</td>
<td>B⁴²</td>
</tr>
<tr>
<td>Musical watches by⁴²</td>
<td></td>
</tr>
<tr>
<td>Berthoud</td>
<td>82⁴²</td>
</tr>
<tr>
<td>Hughes, William</td>
<td>68, 83, 242⁴²</td>
</tr>
<tr>
<td>Jacquet-Droz, Henri Louis</td>
<td>83⁴²</td>
</tr>
<tr>
<td>Oudin, Charles</td>
<td>158⁴²</td>
</tr>
<tr>
<td>Muys, Joannes</td>
<td>163⁴²</td>
</tr>
<tr>
<td>Nathan, Carl</td>
<td>82⁴²</td>
</tr>
<tr>
<td>Nathan, M.</td>
<td>61⁴²</td>
</tr>
<tr>
<td>Nefs by Schlotheim</td>
<td>97, 109⁴²</td>
</tr>
<tr>
<td>New England Clocks, by W. K. Covell</td>
<td>21⁴²</td>
</tr>
<tr>
<td>New Members Enrolled</td>
<td>11, 35, 55, 85, 130, 156, 182, 202, 223, 242⁴²</td>
</tr>
<tr>
<td>Newsom, Bartholomew</td>
<td>123⁴²</td>
</tr>
<tr>
<td>Nicole, Frères</td>
<td>65⁴²</td>
</tr>
<tr>
<td>Night clocks by⁴²</td>
<td></td>
</tr>
<tr>
<td>Anonymous</td>
<td>203⁴²</td>
</tr>
<tr>
<td>Campanus, Petrus</td>
<td>171⁴²</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>171⁴²</td>
</tr>
<tr>
<td>Sautter, Jeremias</td>
<td>171⁴²</td>
</tr>
<tr>
<td>Nixseaman, The Rev. A. J., &quot;The Clock that changed Hands&quot;</td>
<td>35⁴²</td>
</tr>
<tr>
<td>Nixseaman, The Rev. A. J.</td>
<td>18⁴²</td>
</tr>
<tr>
<td>Nocturnal</td>
<td>198⁴²</td>
</tr>
<tr>
<td>Norland House</td>
<td>33⁴²</td>
</tr>
<tr>
<td>Oakley, James</td>
<td>49⁴²</td>
</tr>
<tr>
<td>Obituaries of⁴²</td>
<td></td>
</tr>
<tr>
<td>Biggs, Charles O.</td>
<td>69⁴²</td>
</tr>
<tr>
<td>Challen, Frederick K.</td>
<td>204⁴²</td>
</tr>
<tr>
<td>Chapuis, Alfred</td>
<td>151⁴²</td>
</tr>
<tr>
<td>Howgrave-Graham, R. P.</td>
<td>218⁴²</td>
</tr>
<tr>
<td>Jauncey, Captain J. H.</td>
<td>182⁴²</td>
</tr>
<tr>
<td>Short, F. A.</td>
<td>204⁴²</td>
</tr>
<tr>
<td>Symonds, Robert W.</td>
<td>156⁴²</td>
</tr>
<tr>
<td>Vulliamy, Lionel H.</td>
<td>38⁴²</td>
</tr>
<tr>
<td>Younghusband, Kenneth</td>
<td>219⁴²</td>
</tr>
<tr>
<td>Observation clocks by Jobst Burgi</td>
<td>25, 26, 27⁴²</td>
</tr>
<tr>
<td>Oignon Watch by De Lisle á Paris</td>
<td>233⁴²</td>
</tr>
<tr>
<td>Oldenburg, Johan</td>
<td>56⁴²</td>
</tr>
<tr>
<td>Olearius</td>
<td>G 8⁴²</td>
</tr>
<tr>
<td>Orchestrions</td>
<td>66⁴²</td>
</tr>
<tr>
<td>Organ clocks by⁴²</td>
<td></td>
</tr>
<tr>
<td>Adcock</td>
<td>100⁴²</td>
</tr>
<tr>
<td>Anonymous</td>
<td>37⁴²</td>
</tr>
<tr>
<td>Lindsay, George</td>
<td>171⁴²</td>
</tr>
<tr>
<td>Vulliamy, B. L.</td>
<td>171⁴²</td>
</tr>
<tr>
<td>Orreries by⁴²</td>
<td></td>
</tr>
<tr>
<td>Rittenhouse. David</td>
<td>36⁴²</td>
</tr>
<tr>
<td>Rowley</td>
<td>131⁴²</td>
</tr>
<tr>
<td>Tompion &amp; Graham</td>
<td>G 3⁴²</td>
</tr>
<tr>
<td>Wright. Thomas</td>
<td>111⁴²</td>
</tr>
<tr>
<td>Orreries and Clockwork Globes, Dr. H. von Bertele on</td>
<td>G I⁴²</td>
</tr>
<tr>
<td>Ottery. St. Mary clock</td>
<td>4⁴²</td>
</tr>
<tr>
<td>Oval watch by Barnes. Richard</td>
<td>58⁴²</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Oven for Chronometer Timing 202^v2

P

Packard, Donald 242^v2

Paddon 150^v2

Painting of Tompion Bracket clock 226, XII F^v2

Parachute 30, 52^v2

Pedometer, by Spencer & Perkins 242^v2

Penfold, John B. "Cumberland's First Horologist" 122^v2

Penfold, John B. 130^v2

Pennington 234^v2

Peto's crossed d.'tent 234^v2

Perigal, Francis 87^v2

Perigo 74^v2

Perpetual Calendar Clocks, by Wm. Ludham 215^v2

Perrinot, Abraham 136^v2

Philip The Good's clock 235^v2

Phillip, Robert I B^v2

Picture clock III vi^v2

Pique watch by Edward Fast 187^v2

Planck, Johann 56^v2

Planetarium, The London 159^v2

Planetary System G 9^v2

Pocket Chronometer, see under "Chronometer Pocket"^v2

Porlock clock 7^v2

Portrait of Benjamin Vulliamy 31^v2

Potterat 80^v2

Pre-hairspring watches by^v2

Aspinwall, Samuel 56^v2

Betts, Samuel 56^v2

Oldenburg, Johan 56^v2

Price, Derek J., "Leonardo da Vinci and the clock of Giovanni De Dondi" 127^v2

Price, Derek J., "Leonardo and De Dondi" (letter) 222^v2

Primissier, Alois 45^v2

Prior, Edward 77, 112, 134, V F^v2

Q

Quare, Daniel 53, 55, 70, 74, 136, 167, 176, 203, 205, 210, III iii, IX B, XI F^v2

Quaire 70^v2

Quaire 70^v2

Quelch, Richard 48^v2

Quill, H. 34^v2

The Background to John Harrison's Education 161^v2

Quill, H. 174^v2

R

Rabson, N. L. 134^v2

Edward Prior's Watches (letter) 134^v2

Journeyman clock 212^v2

Journeyman clocks (letter) 94^v2

Rack clocks 233, IV vi^v2

Radeloff, Nicholas 27^v2

Raiingo 149^v2

Ramboz 82^v2

Raunds Church, Northamptonshire 4^v2

Recordon 188^v2

Regulation by^v2

Driving weight 26^v2
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Hogs bristle
Set up

Regulator clocks by

Barwise
Dent
Dutton, Matthew
Elicott
Frodsham, Charles
Graham, George
Gray. Benjamin
Huddleston, Lawson
Janvier
Le Roy
McCabe, James
Mudge, Thomas
Samuel, T. & Lyonl
Shelton, John
Shortt
Vulliamy

Remontoirs

Repoussé

Reviews of Books

Astronomische Instrumente, E. Zinner
Clock that changed hands, A. J. Nixseaman
Die Uhr, A. Lübke
English Watches, J. F. Hayward
Johann, Philipp Treffler, S. A. Bendinii
Old clocks, H. A. Lloyd
Some Outstanding clocks, H. A. Lloyd
Sonnenühren, M. Loske
Shop records of Daniel Burnap, P. R. Hooper
Time Measurement, F. A. B. Ward
Watch and Clock Yearbook, E. M. Bruton
Reynolds, Thomas
Richard, D. J.
Richards, R. P. G., "Tompion's Watch Numbering" (letter)
Rimbault, Stephen
Ring Watch
Rittenhouse, David
Robert J.
Roberts, Walter
Robertson, J. Drummond
Robin
Robinson, T. R.
Robinson, William
Roskopf
Rosedale, C. A., "Tompion Numbering" (letter)
Roskell, Hunt &
Rouckleiffe
Rouen clock
Roumanian Collection
Round the Sale Rooms, see "Sale Rooms"
Rowell, Richard R.
Rowley's Orrery
Russian Museums, Clocks in, Ernst Zinner on
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Rye Turret clock 214v2

S
Sabine, P. A., "Hour Glass Sand" 54v2
Sacken, E. Von 46v2
Saer, Joseph 169v2
St. Imier 61v2
Sale Rooms, Round The 18, 111, 136, 158, 203, 242v2
Salisbury Automata, by R. P. HowgraveGraham 91v2
Salisbury Cathedral Clock 5, 67, 69v2
Salisbury and the West Country Clocks, by R. P. Howgrave-Graham 2v2
Samuel & Sons, David 157v2
Samuel, T. & Lyonl 135v2
Sand clocks 34v2
Sandglasses 34, 216v2
Sauuter, Jeremias 171v2
Schaseck 91v2
Schoof 173v2
Schott's crank escapement 171v2
Schlemmar, Hans G10v2
Schlotheim, Hans 97, 109, 207v2
Schneeberger 62v2
Schneip, Hans 174v2
Schwilgué227v2
Scratch Dials 134v2
Self winding watches byv2
  Le Roy 82v2
  Ramboz 82v2
  Recordon 188v2
Sermand 175v2
Sextant by John Gilbert 18v2
Sheibl clock by Eli Terry 24v2
Short, F. A., Obituary 204v2
Siderial clock 45v2
Simoni, A., Francesco Comelli 114v2
Singing Birds 57, 66v2
Six hour dial watch by Daniel Quare 210v2
Skull watches byv2
  Anonymous 73v2
  Bautte et Moynier 82v2
  Planck, Johann 56v2
Smith, Rauphe 124v2
Snow, William 152v2
Soper, A. K. 186v2
Soper, A. K. onv2
  Astrology and the clock 146v2
  Elemental clocks 34v2
  Scratch Dials (letter) 134v2
South pointing chariot 15v2
Spitz 46v2
Stackfreed clocks 237v2
Stackfreed watches 174v2
Stackfreed watch by Koch, Hans 206v2
Stampfer, Francis 148, 175v2
Stampfer, John 239v2
Steinmessel, Hans 23 1v2
Streibel, Christoff 175v2
Stevens, J. C. 186, 204v2
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stevens, J. C. on</td>
<td>54v2</td>
</tr>
<tr>
<td>Clockmaking at Home</td>
<td>14v2</td>
</tr>
<tr>
<td>Stolen watches</td>
<td>219v2</td>
</tr>
<tr>
<td>Stumbels, William</td>
<td>57, 144v2</td>
</tr>
<tr>
<td>Strasbourg clock</td>
<td>227v2</td>
</tr>
<tr>
<td>Striking mechanism, A Novel, by H. P. R. Wallbridge</td>
<td>90v2</td>
</tr>
<tr>
<td>Sully, Henrais</td>
<td>152v2</td>
</tr>
<tr>
<td>Sundials by</td>
<td>26, 198, 111v2, 156v2</td>
</tr>
<tr>
<td>Anonymous</td>
<td>18v2</td>
</tr>
<tr>
<td>Baradell</td>
<td>56v2</td>
</tr>
<tr>
<td>Glynne, R.</td>
<td>56v2</td>
</tr>
<tr>
<td>Sautout</td>
<td>56v2</td>
</tr>
<tr>
<td>Volpaia, Lorenzo</td>
<td>26v2</td>
</tr>
<tr>
<td>Suspension, Bifilar &amp; Trifilar</td>
<td>25v2</td>
</tr>
<tr>
<td>Swiss Tour, The, by F. H. Knowles-Brown</td>
<td>60v2</td>
</tr>
<tr>
<td>Swiss Turret Clock, by C. F. C. Beeson</td>
<td>78v2</td>
</tr>
<tr>
<td>Symonds, R. W.</td>
<td>41v2</td>
</tr>
<tr>
<td>Symonds, R. W., Obituary</td>
<td>156v2</td>
</tr>
<tr>
<td>T</td>
<td>23v2</td>
</tr>
<tr>
<td>Table Clock by</td>
<td>204v2</td>
</tr>
<tr>
<td>Berthoud, Ferdinand</td>
<td>18v2</td>
</tr>
<tr>
<td>Böhn, Marcus</td>
<td>56v2</td>
</tr>
<tr>
<td>Charles, Antoine</td>
<td>231v2</td>
</tr>
<tr>
<td>Grüber, Hans</td>
<td>158v2</td>
</tr>
<tr>
<td>Peyras, Pasquier</td>
<td>73v2</td>
</tr>
<tr>
<td>Vallin, N.</td>
<td>136v2</td>
</tr>
<tr>
<td>Zoffinguen, Hisserman</td>
<td>111v2</td>
</tr>
<tr>
<td>Taboer, Elnathan</td>
<td>111v2</td>
</tr>
<tr>
<td>Tact, Montre à</td>
<td>177v2</td>
</tr>
<tr>
<td>Tambour watch</td>
<td>174v2</td>
</tr>
<tr>
<td>Tardiew, M.</td>
<td>53v2</td>
</tr>
<tr>
<td>Tavan</td>
<td>62, 84v2</td>
</tr>
<tr>
<td>Taylor, Henry</td>
<td>37v2</td>
</tr>
<tr>
<td>Telleuruhr clocks by</td>
<td>117, VII Fv2, 203v2</td>
</tr>
<tr>
<td>Müller. Johann Paull</td>
<td>24v2</td>
</tr>
<tr>
<td>Wegelin, Joseph</td>
<td>91v2</td>
</tr>
<tr>
<td>Terry, Eli</td>
<td>239v2</td>
</tr>
<tr>
<td>Tetzl. Gabriel</td>
<td>111v2</td>
</tr>
<tr>
<td>Thomas. R., &quot;A Thermometer by Jones (letter)</td>
<td>25, 167v2</td>
</tr>
<tr>
<td>Three Month Clocks</td>
<td>103v2</td>
</tr>
<tr>
<td>Thuret, Jacques</td>
<td>19v2</td>
</tr>
<tr>
<td>Thwaites, Ainsworth</td>
<td>19v2</td>
</tr>
<tr>
<td>Thwaites &amp; Reed's Works. Visit to</td>
<td>19v2</td>
</tr>
<tr>
<td>Timekeepers byv2</td>
<td>152v2</td>
</tr>
<tr>
<td>Harrison, John</td>
<td>152v2</td>
</tr>
<tr>
<td>Sully, Henrais</td>
<td>152v2</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>1, 2, 36, 53, 56, 70, 71, 74, 83, 103, 111, 136, 177, 203, 219, 226, III B, IV B, V iv, VII F, XIii, XII iiiv2</td>
</tr>
<tr>
<td>Tompion and Banger</td>
<td>18v2</td>
</tr>
<tr>
<td>Tompion and Graham</td>
<td>G 3v2</td>
</tr>
<tr>
<td>Tompion Travelling Clock, A. by R. K. Foulkes</td>
<td>103v2</td>
</tr>
<tr>
<td>Tompion's Watch Numbering</td>
<td>222v2</td>
</tr>
<tr>
<td>Tonge, George</td>
<td>144v2</td>
</tr>
<tr>
<td>Totnes</td>
<td></td>
</tr>
</tbody>
</table>
Tourbillon Watches by V2
- Bourquain
- Breguet
- Charrus, Robert
- Favre-Bulle
- Grether, Auguste
- Hunt & Roskell
- Pellaton, Albert
- Sante, G.

Tour of Germany, A.H.S., by F. A. B. Ward

Tour of Switzerland, A.H.S., by F. H. Knowles-Brown

Tower clocks, see under Turret clocks V2

Travelling clocks by V2
- Quare, Daniel
- Tompion, Thomas

Treffler, Johann Philipp

Tribe, Notes on John, by F. K. Challen

Tupman

Turret clocks at V2
- Buntingford
- Dijon
- Gore Court
- Harbourg. Schloss
- Rye
- St. Paul's, London

Turret clocks by V2
- Anonymous
- Bradley, Langley
- Mayer, Georgius Bueck
- Mudge
- Swiss makers

Turret clock with Alarm

Tupman

U
- Ulrich & Co.
- Ungerer, Theodore

V
- Vacuum Clock
- Valangin
- Valère
- Valeren. F.
- Vallin, Nicholas
- Violina
- Viner
- Virgule Watch
- Virgule Escapement

Visits to, A.H.S. V2
- Big Ben
- Bertele, H. von
- British Museum
- Dent's Works
- Thwaites & Reed's Works
- Whitechapel Bell Foundry

Visits to Great Collection Series by Cecil Clutton V2
- No. 1 Volume No. 1
- No. 2 Volume No. 1
- No. 3 Volume No. 1
| No. 4 The Lord Harris                      | 8^2  |
| No. 5 The Lord Harris                    | 29^2 |
| No. 5 The Lord Harris                    | 51^2 |
| No. 7 The Metropolitan Museum of Art     | 69^2 |
| No. 8 Cecil Clutton                      | 86^2 |
| No. 9 Cecil Clutton                      | 106^2|
| No. 10 Edward Hornby                     | 187^2|
| No. 11 Edward Hornby                     | 210^2|
| No. 12 Cedric Jagger                     | 232^2|
| Volpia. Benvenuto della                  | 139^2|
| Vulliamy                                 | I vi, XII | ^2^2|
| Vulliamy, Benjamin, by S. Benson-Beevers | 31^2  |
| Vulliamy, Benjamin                       | 32^2  |
| Vulliamy, B.L.                           | 33, 17^2|
| Vulliamy, Justin                         | VII ii^2|
| Vulliamy, Lionel H., Obituary            | 38^2  |
| Wackernagel, M.                          | 60^2  |
| Wadham College Clock, A History of, by C. F. C. Beeson | 47^2|
| Waggon-Spring Clock by Birge & Fuller    | 242^2 |
| Wagstaffe, Thomas                        | V B^2 |
| Waight                                   | X ii^2 |
| Wallbridge, H. P. R., "A Novel Striking Mechanism" | 90^2|
| Ward, F. A. B.                           | ^2^2  |
| The A.H.S. Tour of Germany               | 227^2 |
| The Elskamp Collection at Liege          | 198^2 |
| Washington's Clock, George               | 200^2 |
| Watches, see also under^2                |       |
| Chronometers, Pocket^2                  |       |
| Clock, watches^2                        |       |
| Pre-Hairspring Watches^2                 |       |
| Tourbillon Watches^2                     |       |
| Skull Watches^2                         |       |
| Watches by^2                            |       |
| Earnshaw, Thomas                         | 9^2   |
| Gray & Vulliamy                          | 18^2  |
| Mudge, Thomas                            | 8^2   |
| Quare, Daniel                            | 70^2  |
| Tompion & Banger                         | 225^2 |
| Tompion, Thomas                          | 70^2  |
| Watches, Vaudrey Mercer on               | 82^2  |
| Watch movement by Thomas Mudge            | 152^2 |
| Watch cocks                              | 132^2 |
| Watch dials, Letter from Cecil Clutton on| 134^2 |
| Water clocks                             | 34, 47^2|
| Weather clocks by Wren & Hooke           | 47^2  |
| Weber, M.                                | 64^2  |
| Webster, William                         | 167^2 |
| Wegelin, Joseph                          | 203^2 |
| Weeks of Coventry Street                 | 158, II | B^2|
| Wells Cathedral Clock and Automata       | 2^2   |
| Wells, John                              | XI viii^2 |
| Westcountry Clockmakers by J. K. Bellchambers | 144^2|
| Wheelcutting Engine, see under Engines, Wheelcutting^2 | |
| Whimsey, An 18th Century, by John W. Castle | 89^2|
| Whitechapel Bell Foundry                 | 96^2  |
| White, W. D., The Whitehurst Family      | 143^2 |
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Who's Who, Horological

Gardner, Malcolm 180v2
Hurst, Michael G. 209v2
Kellenberger, K. 115v2
Law, Rodney J. 209v2
Lee, Eric L. 238v2
Lee, Ronald A. 238v2
Maclean, Bruce 18v2
Nixseaman, A. J. 18v2
Penfold, John B. 130v2
Stevens, John C. 204v2

Wiget, M. 61v2
Wild, M. 61v2
Willard, Simon 23v2
Williams, C. 55v2
Williamson, Joseph 14v2
Williamson, Robert 225v2
Wimbourne Clock 3v2
Windmill, Joseph IV ixv2
Windmills, Joseph 175, VII iii v2
Winterthur Astronomical Clock, The, by K. Kellenberger 118v2
Wise, John 111v2
Wooden clocks 190v2
Wooden watches 82v2
Wren, Christopher 47v2
Wright, Thomas 111v2

Y
Year clocks by 168v2
Anonymous 167, III iii v2
Quare, Daniel 167v2
Webster, William 167v2
Yllmer 46v2
Younghusband, Kenneth, Obituary 219v2
Younghusband, Kenneth, "A Gravity Escapement for Long Case clocks" 129v2

Z
Zech, Jacob 200, 238v2
Zibermayer, Bruen G 16v2
Zinner, Ernstv2
Astronomische Instrumente 85v2
Clocks in Russian Museums 206v2
Scratch Dials and Jacob Zech 200v2
Zodiac, Signs of the 147v2
Zurich 63v2
Officers of the
ANTiquarian HORological SOciety LIMITED

and

Members of the Council and Committees

September, 1959

President: THE RT. HON. LORD HARRIS
Chairman: F. H. KNOWLES-BROWN, Esq.
Vice-Chairman: C. B. DROVER, Esq.
Hon. Treasurer: B. O. DUMONT, Esq.
Hon. Librarian and Curator: R. K. FOULKES, Esq.
Hon. Secretary: J. C. STEVENS, Esq.

COUNCIL

Dr. H. BAINES
H. ALAN LLOYD, Esq.
T. P. CAMERER CUSS, Esq., Col. HUMPHREY QUILL
PERCY G. DAWSON, Esq., Maj. H. P. R. WALLBRIDGE
CEDRIC S. JAGGER, Esq.
Dr. F. A. B. WARD

Hon. Solicitors:
Hon. Auditor:
P. R. Skinner, Esq., A.C.A., 10 Falkland House, Marlows Road, London, W.8

Publications Committee
Hon. Editor and Chairman: PERCY G. DAWSON, Esq.
Hon. Asst. Editor: LAWRANCE HURST, Esq.
Hon. Secretary: C. B. DROVER, Esq.
Hon. Publications Manager: E. L. LEE, Esq.

J. R. ATKINSON, Esq.
CECIL CLUTTON, Esq.
Dr. C. F. C. BEESON
R. K. FOULKES, Esq.

Public Relations Committee
Chairman: T. P. CAMERER CUSS, Esq.
Hon. Secretary: MICHAEL HURST, Esq.
Hon. Press Officer: E. J. TYLER, Esq.
R. H. MILES, Esq.

Premises Committee
Chairman: T. P. CAMERER CUSS, Esq.
PERCY G. DAWSON, Esq.
R. K. FOULKES, Esq.
INDEX TO VOLUME THREE
(DECEMBER 1959 to SEPTEMBER 1962)

Compiled by Francis Wadsworth

<table>
<thead>
<tr>
<th>General Index (omitting makers)</th>
<th>...</th>
<th>...</th>
<th>...</th>
<th>...</th>
<th>374</th>
</tr>
</thead>
<tbody>
<tr>
<td>Index of Makers</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>380</td>
</tr>
<tr>
<td>List of Officers, Council and</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>383</td>
</tr>
<tr>
<td>Committees</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PAGINATION OF THE JOURNAL

<table>
<thead>
<tr>
<th>Issue Number</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>December, 1959</td>
<td>1-28</td>
</tr>
<tr>
<td>TWO</td>
<td>March, 1960</td>
<td>29-56</td>
</tr>
<tr>
<td>THREE</td>
<td>June, 1960</td>
<td>57-84</td>
</tr>
<tr>
<td>FOUR</td>
<td>September, 1960</td>
<td>85-116</td>
</tr>
<tr>
<td>FIVE</td>
<td>December, 1960</td>
<td>117-144</td>
</tr>
<tr>
<td>SIX</td>
<td>March, 1961</td>
<td>145-180</td>
</tr>
<tr>
<td>SEVEN</td>
<td>June, 1961</td>
<td>181-216</td>
</tr>
<tr>
<td>EIGHT</td>
<td>September, 1961</td>
<td>217-244</td>
</tr>
<tr>
<td>NINE</td>
<td>December, 1961</td>
<td>245-276</td>
</tr>
<tr>
<td>TEN</td>
<td>March, 1962</td>
<td>277-308</td>
</tr>
<tr>
<td>ELEVEN</td>
<td>June, 1962</td>
<td>309-340</td>
</tr>
<tr>
<td>TWELVE</td>
<td>September, 1962</td>
<td>341-372</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>373-383</td>
</tr>
</tbody>
</table>
# General Index (Omitting makers)

Black type indicates an illustration

<table>
<thead>
<tr>
<th>A</th>
<th>V3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Act of Parliament Clock</td>
<td>28</td>
</tr>
<tr>
<td>Alarm, attachment for watches</td>
<td>6, 234, 262</td>
</tr>
<tr>
<td>table clock</td>
<td>73</td>
</tr>
<tr>
<td>American clocks</td>
<td>164, 200</td>
</tr>
<tr>
<td>American Clocks 1780-1843, by Donald K. Packard</td>
<td>164</td>
</tr>
<tr>
<td>Antiquarian Horological Society Monograph No.1</td>
<td>43</td>
</tr>
<tr>
<td>Arnold and Earnshaw</td>
<td>22</td>
</tr>
<tr>
<td>(letter), by W. J. Gazeley</td>
<td>50</td>
</tr>
<tr>
<td>Arnold pocket chronometers</td>
<td>266, 302</td>
</tr>
<tr>
<td>Astronomical clocks</td>
<td>197, 257, 258</td>
</tr>
<tr>
<td>Atkinson, John R.</td>
<td>21</td>
</tr>
<tr>
<td>Austrian Plate-Clock, An unusual, by F. A. B. Ward</td>
<td>136</td>
</tr>
<tr>
<td>Austrian tour, see Tour of Austria</td>
<td>231</td>
</tr>
<tr>
<td>Austrian Tour, The, by C. Clutton</td>
<td>44</td>
</tr>
<tr>
<td>B</td>
<td>165, 201, 165, 201</td>
</tr>
<tr>
<td>Banjo clocks By</td>
<td>165, 201</td>
</tr>
<tr>
<td>Curtis, L.</td>
<td>165</td>
</tr>
<tr>
<td>Faber, E.</td>
<td>201</td>
</tr>
<tr>
<td>Wilber, Job B.</td>
<td>165</td>
</tr>
<tr>
<td>Willard, Aaron</td>
<td>201</td>
</tr>
<tr>
<td>Balloon clock By Johnson</td>
<td>345</td>
</tr>
<tr>
<td>Barnett, J. H.</td>
<td>302</td>
</tr>
<tr>
<td>A Bulle clock (letter)</td>
<td>302</td>
</tr>
<tr>
<td>Singing bird mechanisms (letter)</td>
<td>112</td>
</tr>
<tr>
<td>Beeson, C. F. C.</td>
<td>44</td>
</tr>
<tr>
<td>Clocks at the Antique Dealers' Fair</td>
<td>130</td>
</tr>
<tr>
<td>Clocks in Early Churchwardens’ Accounts</td>
<td>325</td>
</tr>
<tr>
<td>Danish folklore museums, Clocks in (letter)</td>
<td>199</td>
</tr>
<tr>
<td>John Knibb Citizen of Oxford</td>
<td>132</td>
</tr>
<tr>
<td>Knibb and the Anchor Escapement</td>
<td>208</td>
</tr>
<tr>
<td>Oxford clockmakers (letter)</td>
<td>139</td>
</tr>
<tr>
<td>Turret Clocks, A.H.S. Austrian Tour</td>
<td>255</td>
</tr>
<tr>
<td>Turret Clocks, A.H.S. German Tour, 1959</td>
<td>17</td>
</tr>
<tr>
<td>Beevers, S. Benson</td>
<td>129</td>
</tr>
<tr>
<td>Bellchambers, J. K.</td>
<td>47</td>
</tr>
<tr>
<td>The Mudges in the West country</td>
<td>45</td>
</tr>
<tr>
<td>Bells and Bellfounding, by D. Hughes</td>
<td>96</td>
</tr>
<tr>
<td>Bennet, Hon. George</td>
<td>91</td>
</tr>
<tr>
<td>Binding, Antiquarian Horology</td>
<td>111, 368</td>
</tr>
<tr>
<td>Bird, Anthony C.</td>
<td>175</td>
</tr>
<tr>
<td>A Victorian Mystery Clock</td>
<td>236</td>
</tr>
<tr>
<td>The Yellow Emperor's South-Pointing Chariot</td>
<td>152</td>
</tr>
<tr>
<td>Blair, C. and Ward, F. A. B., The Origin of the &quot;Mystery&quot; Clock</td>
<td>170</td>
</tr>
<tr>
<td>Bomford, L. R.</td>
<td>75</td>
</tr>
<tr>
<td>Books, Horological (letter), by M. G. Hurst</td>
<td>336</td>
</tr>
</tbody>
</table>

Book Reviews, see Reviews

Bracket clock By Bergh, A. van den | 145 |
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Bradley, Langley 56 V3
Chabrolle 130 V3
Chotard, Paul 115 V3
Delander, Daniel 147 V3
Ellicott, John 103 V3
Fromanteel 277 V3
Gardner 185 V3
Graham, George 84 V3
Gregg, Richard 33 V3
Hubert, Daniel 282 V3
Jones, Henry 29, 298, 300 V3
Knibb, Joseph 31, 186, 221 V3
Marsham, John 150 V3
Mudge, T. 45 V3
Norton, Eardley 181 V3
Preisacher, Geo. 260 V3
Prior, George 131 V3
Pyke, John 131 V3
Seddon, John 220 V3
Seignior, Robert 57 V3
Taylor, Thomas 218 V3
Tompion, Thomas 149 V3
Vulliamy 148 V3
Westoby, John 80 V3
Wolfall, William 2 V3

Bracket clock by Delander (letter), by N. McCallum 199 V3
Breguet watch numbers (letter). by C. Clutton 138 V3
Brown, R. Allen, King Edward III rd's Clocks 124 V3
Bruhl, Count 46, 47, 48 V3
Buckley, Francis 106 V3
Bulle clock (letter), A. by J. H. Barnett 302 V3
Burlington House 174 V3

C
Caillard, Bernard 38 V3
The History of the Pendulum Watch 41 V3
Calvert, H. R. 79 V3

Carriage clock By V3
Anon. 27 V3
Dent, F. 86 V3
Harvey & Co. 86 V3
McCabe 86 V3
Macabe, James 86 V3

Cartel clock By V3
Neale, John 144 V3

Case-on-case clock By V3
Sawin, John 200 V3
Wilder, Joshua 166 V3
Castle, John W. 297 V3
Challen, F. K., Marriage allegations 19, 163 V3
Chamberlain, Major Paul 285 V3
Chronometer By Frodsham & Keen 89 V3

Chronometer, pocket By V3
Arnold, John 262, 266, 302 V3
Emery, Josiah 212 V3
Clement, The Life of William, by John B. Penfold 354 V3
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Clockmaking in Malta, by H. A. Lloyd 22^V3
Clocks, A.H.S. Austrian Tour, by F. A. B. Ward 257^V3
Clocks at the Antique Dealers’ Fair, by C. F. C. Beeson 130^V3
Clocks, see also under^V3
  Alarm^V3
  American^V3
  Astronomical^V3
  Banjo^V3
  Balloon^V3
  Bracket^V3
  Carriage^V3
  Cartel^V3
  Case-on-case^V3
  Hooded^V3
  Lantern^V3
  Longcase^V3
  Lyre^V3
  Mantle^V3
  Mirror^V3
  Monstrance^V3
  Night^V3
  Orrery^V3
  Paper weight^V3
  Pillar and scroll^V3
  Pillar^V3
  Rack^V3
  Regulator^V3
  Turret^V3
  Water-clock^V3
  Year^V3

Clocks in Early Churchwardens’ Accounts, by C. F. C. Beeson 325^V3
Clutton, C. 45, 123^V3
  The Austrian Tour 231^V3
  Breguet watch numbers (letter) 138^V3
  The Collections of Mr. H. R. Hurle Bath and Miss W. E. Rune Bradley 14, 76^V3
  Two Early Lever Watches 127^V3
  Josiah Emery’s No. 1 Marine Timekeeper 206^V3
  The First Mechanical Escapement? 332^V3
  The 15th Century Clock at Cotehele House 362^V3
  Larcum Kendall's Pivoted Detent Escapement 172^V3
  The Second Mudge Lever Watch? 47^V3
  Some New Documents in the History of Horology, translated by 288^V3
  Cole, James Ferguson 168^V3
  Collector’s habits 251^V3
  Conical Pendulums, by T. A. S. Drake 94^V3
  (letter), by F. A. B. Ward 138^V3
  Coole, P. O., Japanese Clocks 8^V3
  Japanese Clocks (letter) 50^V3
  Sand-Glass "Sand" Part III, Practical 72^V3
  Cotehele House, The 15th Century Clock at, by C. Clutton 362^V3
  Cuss, T. P. Camerer 61, 151^V3
  A problem dial (letter) 364^V3
  A Watch by S.M. 168^V3
  Watches, A.H.S. German Tour 36^V3
  Watches, A.H.S. German Tour (letter) 80^V3
  Collections^V3
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abeler, Georg</td>
<td>39</td>
</tr>
<tr>
<td>Bathurst, Earl and Countess</td>
<td>92</td>
</tr>
<tr>
<td>Benfold, P. R.</td>
<td>93</td>
</tr>
<tr>
<td>Bertele, Dr. von</td>
<td>232, 252</td>
</tr>
<tr>
<td>Bomford, L. R.</td>
<td>92</td>
</tr>
<tr>
<td>Bower, L. N.</td>
<td>92</td>
</tr>
<tr>
<td>Caillard, Bernard</td>
<td>191</td>
</tr>
<tr>
<td>Clutton, C.</td>
<td>127</td>
</tr>
<tr>
<td>Dennison</td>
<td>262, 284</td>
</tr>
<tr>
<td>Farouk</td>
<td>285</td>
</tr>
<tr>
<td>Findlay, Sir John</td>
<td>284</td>
</tr>
<tr>
<td>Hawkins, B.</td>
<td>111</td>
</tr>
<tr>
<td>Hillary, Earnest</td>
<td>155</td>
</tr>
<tr>
<td>Horstmann</td>
<td>20</td>
</tr>
<tr>
<td>Hurle Bath, Mr. H. R. and Hurle Bradley, Miss W. E.</td>
<td>14, 76</td>
</tr>
<tr>
<td>Hutton-Stott, Francis W.</td>
<td>155</td>
</tr>
<tr>
<td>Jagger, Cedric</td>
<td>137</td>
</tr>
<tr>
<td>Kapp, M. Robert</td>
<td>36</td>
</tr>
<tr>
<td>Kellenberger</td>
<td>231, 252</td>
</tr>
<tr>
<td>Marryat</td>
<td>48</td>
</tr>
<tr>
<td>Mercer, Dr. Vaudrey</td>
<td>137</td>
</tr>
<tr>
<td>Miller</td>
<td>22</td>
</tr>
<tr>
<td>Schenk</td>
<td>231</td>
</tr>
<tr>
<td>Schilling, Georg</td>
<td>39, 40</td>
</tr>
<tr>
<td>Sobek</td>
<td>232, 253, 260</td>
</tr>
<tr>
<td>Ullyett, Kenneth</td>
<td>93</td>
</tr>
<tr>
<td>Weber, Philipp</td>
<td>39</td>
</tr>
<tr>
<td>Webster</td>
<td>76, 107</td>
</tr>
<tr>
<td>Wheeler, Willard H.</td>
<td>262</td>
</tr>
<tr>
<td>Wilsdorf, Hans</td>
<td>16</td>
</tr>
<tr>
<td>Comptoise clock (letter), by H. M. Gregory</td>
<td>302</td>
</tr>
<tr>
<td>Crowther, C. C.</td>
<td>v3</td>
</tr>
<tr>
<td>Jos. Fabrahams clock (letter)</td>
<td>138</td>
</tr>
<tr>
<td>Worm drive to the fly (letter)</td>
<td>302</td>
</tr>
<tr>
<td>Daniels, George, The King of Spain's watch</td>
<td>328</td>
</tr>
<tr>
<td>Danish folklore museums, Clocks in (letter), by C. F. C. Beeson</td>
<td>199</td>
</tr>
<tr>
<td>Dawson, Percy O.</td>
<td>5</td>
</tr>
<tr>
<td>Henry Jones Londini</td>
<td>298</td>
</tr>
<tr>
<td>Dennison &amp; Wheeler, Watch Collections, The, by C. Jagger</td>
<td>262, 284</td>
</tr>
<tr>
<td>Devonshire clockmakers</td>
<td>154</td>
</tr>
<tr>
<td>Doctor's clock</td>
<td>12</td>
</tr>
<tr>
<td>Dondi, Giovanni</td>
<td>197, 259, 348</td>
</tr>
<tr>
<td>Dondi Dell(orologio's Astronomical Clock of 1364, Giovanni, by H. A. Lloyd</td>
<td>197</td>
</tr>
<tr>
<td>Drake, T. A. S., Conical Pendulums</td>
<td>94</td>
</tr>
<tr>
<td>Drover, C. B. V.</td>
<td>v3</td>
</tr>
<tr>
<td>The Brussels Miniature</td>
<td>357</td>
</tr>
<tr>
<td>Sand-Glass &quot;Sand &quot; Part I, Historical</td>
<td>62</td>
</tr>
</tbody>
</table>

**E**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early clock discovery (letter), by M. O. Hurst</td>
<td>23</td>
</tr>
<tr>
<td>Ellicotts a Family of Clockmakers, The, by R. K. Foulkes</td>
<td>102</td>
</tr>
<tr>
<td>Emery's No. 1 Marine Timekeeper, Josiah, by C. Clutton</td>
<td>206</td>
</tr>
<tr>
<td>Escapement?, The First Mechanical, by C. Clutton</td>
<td>332</td>
</tr>
<tr>
<td>Escapements, Clock V3</td>
<td></td>
</tr>
<tr>
<td>Anchor</td>
<td>18, 208</td>
</tr>
<tr>
<td>Cross Beat</td>
<td>232, 259</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Crown wheel and verge 18\textsuperscript{V3}
Double Foliot 8\textsuperscript{V3}
Foliot 17, 19, 208\textsuperscript{V3}
Pinwheel 18\textsuperscript{V3}

Escapements, Watch\textsuperscript{V3}
Chronometer 50, 267\textsuperscript{V3}
Spring detent 157, 264\textsuperscript{V3}
Peto's cross-detent 262\textsuperscript{V3}
Pivoted detent 172\textsuperscript{V3}
Cylinder, Ruby 192, 254\textsuperscript{V3}
Debaufre 37, 43, 93\textsuperscript{V3}
Double Virgule 232, 253\textsuperscript{V3}
Duplex, Double wheel 37, 137, 156, 253\textsuperscript{V3}
Karussel 58, 193\textsuperscript{V3}
Lever 46, 78, 127, 128, 224\textsuperscript{V3}
Crank roller 158, 321\textsuperscript{V3}
Chronometer 254\textsuperscript{V3}
Rack 38, 129, 193, 263, 316\textsuperscript{V3}
Robin 76, 78\textsuperscript{V3}
Savage 2 pin 321\textsuperscript{V3}
Mudge's constant force 191, 193\textsuperscript{V3}
Ormskirk 192, 265\textsuperscript{V3}
"Pig's trough" 37, 39, 253\textsuperscript{V3}
Pin wheel 37, 254\textsuperscript{V3}
Remontoire, Emery's 207\textsuperscript{V3}
Tourbillon 263, 286\textsuperscript{V3}
Virgule 193\textsuperscript{V3}

Exhibition, 4 Steps to Longitude 291\textsuperscript{V3}

F
Favourite Recreation, My, by F. W. Payne 266\textsuperscript{V3}
Favre, Maurice 272\textsuperscript{V3}
Flamsteed House 155, 211\textsuperscript{V3}
Form watches 285\textsuperscript{V3}
Cruciform 37, 192\textsuperscript{V3}
Foster, George Izac Thuret clockmaker to Louis XIV 73\textsuperscript{V3}
Foulkes, R. K. 61\textsuperscript{V3}
The Ellicotts, a Family of Clockmakers 102\textsuperscript{V3}
4 Steps to Longitude 291\textsuperscript{V3}
Freunde Alter Uhren 331\textsuperscript{V3}
Fusee 291, 357\textsuperscript{V3}

G
Gallileo 94\textsuperscript{V3}
Gardner, Malcolm 91, 106, 196\textsuperscript{V3}
Gazeley, W. J. 128, 206\textsuperscript{V3}
Arnold and Earnshaw (letter) 50\textsuperscript{V3}
Arnold pocket chronometer (letter) 302\textsuperscript{V3}
The Chronometer Escapement 267\textsuperscript{V3}
Peter Litherland (letter) 265\textsuperscript{V3}
German Tour, see Tour of Germany\textsuperscript{V3}
Goffin, G., Bullingford watch (letter) 139\textsuperscript{V3}
Gossage's Patent Alarm, by C. Jagger
Gout pedometer/watch, Ralph (letter), by F. A. B. Ward
Greenwich Observatory
Gregory, H. M., A Comptoise clock (letter)
Grinthorpe, Lord
Gschwind, Dr.
Guilmet, A. R.
H
Harrison, P. L.
Heavenly Clockwork
Heavenly Clockwork, A sequel
Henry Jones Londini, by P. G. Dawson
Hillary, E.
History of the Pendulum Watch, The, by B. Caillard
Hog's bristle regulator
Hooded clock By
Clay, William
Ellicott
Hooke
Horology at Burlington Rouse, by M. G. Hurst
Hosokawa
Hubert-Mudge Marine Time-keeper
Hughes, Douglas, Bells and Bellfounding
Huguenot clockmakers
Hurst, B. Lawrence
Arnold pocket chronometer (letter)
Hurst, M. G.
Early clock discovery (letter)
Horology at Burlington House
Horological books (letter)
Hutchinson, B., Worm drive to fly (letter)
Huygens
I
Ilbert, C.
Ilbert Collection
Index, Vol.II
J
Jagger, Cedric, An Ample Year for Watch Collectors
The Dennison & Wheeler Collections
Gossage's Patent Alarm
Subjects for series (letter)
Japanese Clocks, by P. G. Coole
(letter), by P. G. Coole
Jauncey, Captain
Julien Le Roy Make the First Detached Lever Escapement?, Did, by R. H. A. Miles
K
Kendall's Pivoted Detent Escapement, Larcum, by C. Clutton
Kent, Alan, F. Maddison and B. Scott, An Early Medieval Water-Clock
Keys, Watch
Kisch, Sir Cecil
King Edward III rd's Clocks, by R A. Brown
King of Spain's Watch, The, by G. Daniels
Kirkman, F. H.
Knibb and the Anchor Escapement, by C. F. C. Beeson
Knibb Citizen of Oxford, John, by C. F. C. Beeson
Knowles-Brown, F. H.
(letter)
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Kullberg, Victor 267

L

Lantern clock By

Anon. 8, 143

Wells, John 179

Miniature By Robinson, Robert 85

Law, R. J. 107, 129

Late 19th Century Hand Watch Making 205

Lee, E. L. 61

Lloyd, H. Alan 76, 106

Clockmaking in Malta 22

German tour watches (letter) 80

Giovanni Dondi Dell'Orologio's Astronomical Clock of 1364 197

Loehr Patent 192

Longcase clock By

Bucks, J. Ford de 308

Clement, William 356

Jones, Henry 301

Longland, John 54, 81

Stanton, Edward 314

Speakman, William 307

Spittle, Richard 273

Tompion, Thomas 309

Wilder, Joshua 164

Wilmot, Stephen 241

Library 173, 209, 234, 261, 333, 364

Litherland, The Work of Peter 256

Litherland & Co., Peter, by Dr. R. V. Mercer 316

Litherland, Peter (letter), by W. J. Gazeley 265

Lyre Clock By L. Curtis 165

M

McCallun, N., Bracket clock By Delander (letter) 199

Maddison, Francis, B. Scott, A. Kent, An Early Medieval Water-Clock 348

Malta Clockmaking 22

Mantel clock by

Anon. 13, 113, 216, 24, 372

Barwise, John 121

Chabrollé 130

Desbois & Wheeler 345

Hatton 182

Marc, Henri 141

Rimbault, Paul 344

Vulliamy 148

Mantel clock by (cont)

Vulliamy, Justin 180

Marriage Allegations, by F. K. Challen 19, 163

Maskelyne, Rev. Nevil 106

Mercer, Dr. Vaudrey

Peter Litherland & Co. 316

Pickford's watches (letter) 364

Michel, Henry 357

Some New Documents in the History of Horology 288

Miles, R. H. A. 175

Did Julien Le Roy Make the First Detached Lever Escapement? 224

Watches, A.H.S. Austrian Tour 252

Mirror clocks By

Chandler, A. 203
<table>
<thead>
<tr>
<th>Entry</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morrill, B.</td>
<td>204(^V3)</td>
</tr>
<tr>
<td>Wingate, Fred'k.</td>
<td></td>
</tr>
<tr>
<td>Monstrance clock By</td>
<td>204(^V3)</td>
</tr>
<tr>
<td>Planikth, Nicolaus</td>
<td>259(^V3)</td>
</tr>
<tr>
<td>Morris, Dennis, Another patent repeater (letter)</td>
<td>265(^V3)</td>
</tr>
<tr>
<td>Mudge Lever Watch?, The Second, by, C. Clutton</td>
<td>47(^V3)</td>
</tr>
<tr>
<td>Mudge in the West Country, The, by J. K. Bellchambers</td>
<td>45(^V3)</td>
</tr>
<tr>
<td>Museums</td>
<td></td>
</tr>
<tr>
<td>Basingstoke</td>
<td>93(^V3)</td>
</tr>
<tr>
<td>Bavarian National, Munich</td>
<td>38(^V3)</td>
</tr>
<tr>
<td>Bayerisches, Munich</td>
<td>365, 367(^V3)</td>
</tr>
<tr>
<td>Blaise Castle House Folk, Bristol</td>
<td>20(^V3)</td>
</tr>
<tr>
<td>British, London</td>
<td>75, 365(^V3)</td>
</tr>
<tr>
<td>Caroline Augusteum, Salzburg</td>
<td>232, 253, 366(^V3)</td>
</tr>
<tr>
<td>Clockmakers Company, London</td>
<td>206(^V3)</td>
</tr>
<tr>
<td>Danish Folklore</td>
<td>199(^V3)</td>
</tr>
<tr>
<td>Deutsches, Munich</td>
<td>17, 18, 39(^V3)</td>
</tr>
<tr>
<td>Frilandsmuseet, Copenhagen</td>
<td>199(^V3)</td>
</tr>
<tr>
<td>Germanisches, Nurnberg</td>
<td>365(^V3)</td>
</tr>
<tr>
<td>Heimaimuseum, Bamberg</td>
<td>366(^V3)</td>
</tr>
<tr>
<td>Hessisches Landesmuseum, Kassel</td>
<td>19, 37(^V3)</td>
</tr>
<tr>
<td>Kienzle Uhren-museum, Schwenningen</td>
<td>232, 253, 255(^V3)</td>
</tr>
<tr>
<td>Kirschgarten, Basel</td>
<td>40(^V3)</td>
</tr>
<tr>
<td>Kunsthistoriches, Vienna</td>
<td>231, 252, 258, 336(^V3)</td>
</tr>
<tr>
<td>Landesgewerbmuseum, Stuttgart</td>
<td>39, 136(^V3)</td>
</tr>
<tr>
<td>Landesmuseum Ferdinandeurs, Innsbruck</td>
<td>231, 258, 365(^V3)</td>
</tr>
<tr>
<td>London</td>
<td>22(^V3)</td>
</tr>
<tr>
<td>Mainfrankisches, Wurzburg</td>
<td>38(^V3)</td>
</tr>
<tr>
<td>National Maritime, Greenwich</td>
<td>155(^V3)</td>
</tr>
<tr>
<td>National Museum, Copenhagen</td>
<td>199(^V3)</td>
</tr>
<tr>
<td>National Museum of the History of Science, Leyden</td>
<td>73(^V3)</td>
</tr>
<tr>
<td>Nuremberg</td>
<td>19, 36, 38(^V3)</td>
</tr>
<tr>
<td>Oesterreichische, Vienna</td>
<td>231(^V3)</td>
</tr>
<tr>
<td>Science, London</td>
<td>73, 75(^V3)</td>
</tr>
<tr>
<td>Strasbourg</td>
<td>36(^V3)</td>
</tr>
<tr>
<td>Techische, Vienna</td>
<td>232, 253(^V3)</td>
</tr>
<tr>
<td>Uhrenmuseum, Vienna</td>
<td>232, 255, 260(^V3)</td>
</tr>
<tr>
<td>Mystery Clock, The Origin of the, by, C. Blair and F. A. B. Ward</td>
<td>170(^V3)</td>
</tr>
<tr>
<td>Mystery Clock, A Victorian, by, A. Bird</td>
<td>236(^V3)</td>
</tr>
</tbody>
</table>

N
Nash, Mrs. P. C.                                           | 151\(^V3\) |
New Members                                               | 20, 48, 95, 137, 209, 235, 256, 335, 353\(^V3\) |
Night clock by Campanus                                    | 260\(^V3\) |
Noble Machine                                             | 210\(^V3\) |
Nun Watchmakers, 17th century by C. C. Baines              | 44\(^V3\) |
Nygren, Hans, Unusual patent alarm (letter)                | 234\(^V3\) |
O
Oakes, James                                               | 205\(^V3\) |
O.G. clocks                                                | 202\(^V3\) |
"On Time"                                                 | 230\(^V3\) |
Orrery-clock By G. Raingo                                   | 249\(^V3\) |
Oxfordshire clockmaking (letter) by C. F. C. Beeson         | 139\(^V3\) |
P
Packard, Donald K., American Clocks 1780-1840              | 164\(^V3\) |
Paper weight clock                                         | 12\(^V3\) |
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Payne, F. W., My Favourite Recreation 266V3
Pedulums-wind watches 16V3
Pendulums, Conical 94V3
Pendulum Watch, The History of the, by B. Caillard 41V3
Penfold, John B., The Life of William Clement 354V3
Philip the Good clock 38, 291, 357V3
Pickford's watches (letter), by Dr. V. Mercer 364V3
Pillar and Scroll clock By Eli Terry 202V3
Pillar clock 10, 11, 12V3
Problem dial, A (letter), by T. P. C. Cuss 364V3
ProgrammeV3

Winter and Summer, 1960 21V3
Summer, 1960 49, 78V3
Autumn and Winter, 1960-61 101V3
1961 135V3
Spring and Summer, 1961 155V3
June-December, 1961 211, 238V3
January-March, 1962 271V3
April-July, 1962 303V3
Summer and Autumn, 1962 335V3
1962-63 367V3
Future 368V3

Provincial meetingsV3
Birmingham 167, 211V3
Bristol 20V3

Publications 315, 327, 334V3

Q
Quill, Colonel H. 47V3

R
Rack clock By L. Farolfis 116V3
Regulators, watch Barrow-type 37, 287V3
Hog's Bristle 37, 39V3
Regulator clock By Grignion, Thomas 340V3
Northcott, Samuel 250V3
Shaw 54V3

Regulator, Vienna By Marenzeller 260V3
Repeater, Patent 234V3
(letter), by D. Morris 265V3

Reviews, BookV3
Agent for the Archduke, by Silvio A. Bedini 303V3
The Auburndale Watch Company, by Edward A. Battison 79V3
Clock and Watch Makers in Wales, by Iorwerth C. Peate 137V3
Clockmaking in Oxfordshire 1400-1850, by C. F. C. Beeson 334V3
Clocks, by S. Fleet 271V3
Cornish Clocks and Clockmakers, by H. Miles Brown 303V3
Devonshire Clockmakers, by J. K. Bellchambers 334V3
Heavenly Clockwork, by J. Needham, W. Ling and D. J. Price 79V3
Huguenot Connections with the Clockmaking Trade in England, by Major-General P. J. Shears 304V3
Klokken en Klokkenmakers, by C. Spierdijk 353V3
On the Origin of Clockwork, Perpetual Motion Devices and the Compass, by Derek de Solla Price 79V3
The Optical Workshop Equipment of Giuseppe Campani, by Silvio A. Bedini 303V3
The Watch Repairer's Manual, by H. B. Fried 271V3
Uhren, by Bassermann-Jordan/Bertele 173V3
Robinson, T. O., Old turret clocks in Surrey (letter) 265V3
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>68</td>
<td>Sabine, P. A., Sand-Glass &quot;Sand&quot; Part II Analytical 'A'</td>
</tr>
<tr>
<td>62</td>
<td>Part I, Historical, by C. B. Drover</td>
</tr>
<tr>
<td>68</td>
<td>Part II, Analytical 'A', by P. A. Sabine</td>
</tr>
<tr>
<td>70</td>
<td>Part II, Analytical 'IB', by C. Tyler</td>
</tr>
<tr>
<td>72</td>
<td>Part III, Practical, by P. G. Coole</td>
</tr>
<tr>
<td>348</td>
<td>Scott, Bryan, F. Maddison and A. Kent, An Early Medieval Water-Clock</td>
</tr>
<tr>
<td>51</td>
<td>Series, Subjects for (letter), by C. Jagger</td>
</tr>
<tr>
<td>112</td>
<td>Singing Bird Mechanisms (letter), by J. H. Barnett</td>
</tr>
<tr>
<td>252</td>
<td>Skull watches</td>
</tr>
<tr>
<td>104</td>
<td>Smeaton, John</td>
</tr>
<tr>
<td>200</td>
<td>Some European Anticipations of American Clock Features, by E. J. Tyler</td>
</tr>
<tr>
<td>288</td>
<td>Some New Documents in the History of Horology, by H. Michel</td>
</tr>
<tr>
<td>152</td>
<td>South-Pointing Chariot, The Yellow Emperor's, by A. C. Bird</td>
</tr>
<tr>
<td>199</td>
<td>Stackfreed</td>
</tr>
<tr>
<td>23</td>
<td>Standing Clock By Thomas Hildeyard</td>
</tr>
<tr>
<td>151</td>
<td>Stevens, J. C.</td>
</tr>
<tr>
<td>223</td>
<td>Student Membership</td>
</tr>
<tr>
<td>252</td>
<td>Sun and Moon watches</td>
</tr>
<tr>
<td>365</td>
<td>Sundials</td>
</tr>
<tr>
<td>186</td>
<td>Table clock By Michael</td>
</tr>
<tr>
<td>257</td>
<td>Illmer, Andreas</td>
</tr>
<tr>
<td>259</td>
<td>Kiening, Hans</td>
</tr>
<tr>
<td>257</td>
<td>Lanz, Nikolaus</td>
</tr>
<tr>
<td>258</td>
<td>Melzger, Jeremias</td>
</tr>
<tr>
<td>74</td>
<td>Thuret, Isaac</td>
</tr>
<tr>
<td>73</td>
<td>Thuret, clockmaker to Louis XIV, Izaac, by G. Foster</td>
</tr>
<tr>
<td>78</td>
<td>Tour of Austria, 1961, A.H.S.</td>
</tr>
<tr>
<td>231</td>
<td>by C. Clutton</td>
</tr>
<tr>
<td>257</td>
<td>Clocks, by F. A. B. Ward</td>
</tr>
<tr>
<td>365</td>
<td>Sundials, by F. A. B. Ward</td>
</tr>
<tr>
<td>255</td>
<td>Turret Clocks, by C. F. C. Beeson</td>
</tr>
<tr>
<td>252</td>
<td>Tour of Austria, 1961, A.H.S. (cont)</td>
</tr>
<tr>
<td>256</td>
<td>Watches, by R. H. A. Miles</td>
</tr>
<tr>
<td>17</td>
<td>Tour of Germany, 1959, A.H.S.</td>
</tr>
<tr>
<td>36</td>
<td>Turret clocks, by C. F. C. Beeson</td>
</tr>
<tr>
<td>80</td>
<td>Watches, by T. P. C. Cuss</td>
</tr>
<tr>
<td>80</td>
<td>(letter), by T. P. C. Cuss</td>
</tr>
<tr>
<td>21</td>
<td>Postscript, by B. Caillard</td>
</tr>
<tr>
<td>124</td>
<td>Turret clocks</td>
</tr>
<tr>
<td>17</td>
<td>with Foliot</td>
</tr>
<tr>
<td>362</td>
<td>Cotehele House</td>
</tr>
<tr>
<td>362</td>
<td>Ecton</td>
</tr>
<tr>
<td>292</td>
<td>Rye</td>
</tr>
<tr>
<td>293</td>
<td>Turret clocks in Surrey, Old (letter) by T. O. Robinson</td>
</tr>
<tr>
<td>265</td>
<td>Turret Clocks of Rye Church, The, by E. J. Tyler</td>
</tr>
<tr>
<td>70</td>
<td>Tyler, C. Sand-Glass &quot;Sand&quot;, Part 11, Analytical 'IB'</td>
</tr>
<tr>
<td>139</td>
<td>Tyler, E. J.</td>
</tr>
<tr>
<td>292</td>
<td>The Turret Clocks of Rye Church</td>
</tr>
<tr>
<td>200</td>
<td>Some European Anticipations of American Clock Features</td>
</tr>
<tr>
<td>151</td>
<td>Trundell, E. E.</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Trusted's Patent 234\textsuperscript{V3}

U
Ullyet, Kenneth 75\textsuperscript{V3}
Unequal division of dials (letter), by F. A. B. Ward 175\textsuperscript{V3}
Unequally divided clock dials 117, 136, 175\textsuperscript{V3}

V
Victorian Mystery Clock, A, by A. Bird 236\textsuperscript{V3}
Vienna Regulator By Marenzeller 260\textsuperscript{V3}
Visits to Collections, by C. Clutton\textsuperscript{V3}
  No.13, Mr. H. R. Hurle Bath and Miss W. E. Hurle Bradley 14\textsuperscript{V3}
  No. 14, Mr. H. R. Hurle Bath and Miss W. E. Hurle Bradley 76\textsuperscript{V3}
  No. 15, Mr. C. Clutton 127\textsuperscript{V3}

Visits to\textsuperscript{V3}
  Canterbury 369\textsuperscript{V3}
  Flamsteed House 155\textsuperscript{V3}
  Gloucestershire 92\textsuperscript{V3}
  Greenwich 211\textsuperscript{V3}
  Hampshire 92\textsuperscript{V3}
  Hampton Court 93\textsuperscript{V3}
  Limpfield 361\textsuperscript{V3}
  Newbury 237\textsuperscript{V3}

W
Ward, Dr. F. A. B.\textsuperscript{V3}
  Clocks, A.H.S. Austrian tour 257\textsuperscript{V3}
  Conical Pendulum (letter) 138\textsuperscript{V3}
  Sundials, A.H.S. German and Austrian Tours 365\textsuperscript{V3}
  Unequal division of dials (letter) 175\textsuperscript{V3}
  An Unusual Austrian Plate-Clock 136\textsuperscript{V3}

Watches\textsuperscript{V3}
  Carillon 37\textsuperscript{V3}
  Pendulum 37, 41\textsuperscript{V3}
  Repeating 77, 262, 285, 322\textsuperscript{V3}
  Six-hour dial 195, 222\textsuperscript{V3}
  Vernier dial 37\textsuperscript{V3}

Wandering hour 39, 254\textsuperscript{V3}

Watches By\textsuperscript{V3}
  Barton, John 160\textsuperscript{V3}
  Berley, J. 222\textsuperscript{V3}
  Berthoud, Louis 16\textsuperscript{V3}
  Bordeaux, Landreau 42\textsuperscript{V3}
  Breguet 77, 189, 286\textsuperscript{V3}
  Brockbanks 158\textsuperscript{V3}
  Cartlate, Abraham 254\textsuperscript{V3}
  Ceulen, Johannes Van 36\textsuperscript{V3}
  Chamberlane, Thos. 252\textsuperscript{V3}
  East, Edward 77\textsuperscript{V3}
  Fonnereau 192\textsuperscript{V3}
  Gardts, Martin 41\textsuperscript{V3}
  Godfrey, Henry 195\textsuperscript{V3}
  Graham, George 39, 222\textsuperscript{V3}
  Grinkin, Robert 341, 364\textsuperscript{V3}
  Helius, Martin 254\textsuperscript{V3}
  Howse, Thomas 190\textsuperscript{V3}
  Hunt & Roskell 168\textsuperscript{V3}
  Hyllius, Martinus 40, 42\textsuperscript{V3}
  Kehlhoff, Friederiech 38\textsuperscript{V3}
  Kotte, Johann Jakob 38\textsuperscript{V3}
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lambert</td>
<td>128v3</td>
</tr>
<tr>
<td>Le Roy</td>
<td>224v3</td>
</tr>
<tr>
<td>Markwick, James</td>
<td>222, 264v3</td>
</tr>
<tr>
<td>Merkell, Georg</td>
<td>222, 264v3</td>
</tr>
<tr>
<td>Monnier, Nicolet</td>
<td>160v3</td>
</tr>
<tr>
<td>Mudge, Thomas</td>
<td>194, 245, 284, 328v3</td>
</tr>
<tr>
<td>Oudin, Jph.</td>
<td>156, 157v3</td>
</tr>
<tr>
<td>Pendleton, Richard</td>
<td>127v3</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>162v3</td>
</tr>
<tr>
<td>Quare</td>
<td>254v3</td>
</tr>
<tr>
<td>Smith, Robert</td>
<td>190v3</td>
</tr>
<tr>
<td>Snow, John</td>
<td>191v3</td>
</tr>
<tr>
<td>Thiell, Johann Georg</td>
<td>40v3</td>
</tr>
<tr>
<td>Thuret</td>
<td>188v3</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>37, 161v3</td>
</tr>
<tr>
<td>Vautrollier, James</td>
<td>14, 15v3</td>
</tr>
<tr>
<td>Vulliamy, Justin</td>
<td>1v3</td>
</tr>
<tr>
<td>Young, Charles</td>
<td>159v3</td>
</tr>
</tbody>
</table>

Watch movements by v3

<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ellicott &amp; Compy.</td>
<td>110v3</td>
</tr>
<tr>
<td>Ellicott &amp; Taylor</td>
<td>110v3</td>
</tr>
<tr>
<td>Litherland</td>
<td>320v3</td>
</tr>
<tr>
<td>Litherland, Whiteside &amp; Co.</td>
<td>322v3</td>
</tr>
<tr>
<td>Massey, Edmd.</td>
<td>263v3</td>
</tr>
<tr>
<td>Yates, Saml.</td>
<td>322v3</td>
</tr>
</tbody>
</table>

Watch Collectors, An Ample Year for, by C. Jagger | 156, 188v3 |

Watch by S.M., A., by T. P. C. Cuss | 168v3 |

Watches, A.H.S. Austrian Tour, by R. H. A. Miles | 252v3 |

Watches, A.H.S. German Tour, by T. P. C. Cuss | 36v3 |

Watches, see also under v3

<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alarm</td>
<td>v3</td>
</tr>
<tr>
<td>Form</td>
<td>v3</td>
</tr>
</tbody>
</table>

Watch Making, Late 19th Century Hand, by R. J. Law | 205v3 |

Watchmaking Centenary, A. | 233v3 |

Watchpaper | 190v3 |

Water-clock, An Early Medieval, by F. Maddison, B. Scott and A. Kent | 348v3 |

Who's Who, Horological | 21, 75, 139, 175, 235v3 |

Willis, G. W. | 93v3 |

Worm drive to the fly v3

(letter), by C. C. Crowther | 302v3 |

(letter), by B. Hutchinson | 336v3 |

Y | 311v3 |

Year clock | 23, 48, 92, 95, 139, 171, 209, 233, 261, 335, 361v3 |

Your Further Reading, For
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adamson, Anne</td>
<td>44</td>
</tr>
<tr>
<td>Adamson, Elizabeth</td>
<td>44</td>
</tr>
<tr>
<td>Adamson, Thomas</td>
<td>44</td>
</tr>
<tr>
<td>Addison, James</td>
<td>243, 310</td>
</tr>
<tr>
<td>Aldworth, Samuel</td>
<td>135</td>
</tr>
<tr>
<td>Ames, William</td>
<td>20</td>
</tr>
<tr>
<td>Antram, Joseph</td>
<td>38</td>
</tr>
<tr>
<td>Archambo, Jno.</td>
<td>237</td>
</tr>
<tr>
<td>Arnold and Charles Frodsham</td>
<td>88, 159</td>
</tr>
<tr>
<td>Arnold and Dent</td>
<td>195</td>
</tr>
<tr>
<td>Arnold and Son</td>
<td>112, 137, 157, 159, 162, 237, 262</td>
</tr>
<tr>
<td>Arnold, John</td>
<td>112, 262, 267, 286</td>
</tr>
<tr>
<td>Arnold, John Roger</td>
<td>51, 157, 158, 192</td>
</tr>
<tr>
<td>A.S.</td>
<td>37, 38</td>
</tr>
<tr>
<td>Ashley and Manser</td>
<td>159</td>
</tr>
<tr>
<td>Atkins</td>
<td>5, 88</td>
</tr>
<tr>
<td>Avenell, William</td>
<td>243</td>
</tr>
<tr>
<td>Barnett, John</td>
<td>163</td>
</tr>
<tr>
<td>Barraud</td>
<td>112, 137, 162, 238</td>
</tr>
<tr>
<td>Barrow, Nathaniel</td>
<td>264, 299</td>
</tr>
<tr>
<td>Barton, John</td>
<td>137, 160</td>
</tr>
<tr>
<td>Bartram, Will</td>
<td>51</td>
</tr>
<tr>
<td>Barwise</td>
<td>92, 190, 195, 237</td>
</tr>
<tr>
<td>Barwise, John</td>
<td>121</td>
</tr>
<tr>
<td>Basire, Jno.</td>
<td>162</td>
</tr>
<tr>
<td>Bayford, George</td>
<td>163</td>
</tr>
<tr>
<td>Bennett, John</td>
<td>20</td>
</tr>
<tr>
<td>Benson, J. W.</td>
<td>118</td>
</tr>
<tr>
<td>Berger, Francois</td>
<td>264</td>
</tr>
<tr>
<td>Bergh, A. van den</td>
<td>145</td>
</tr>
<tr>
<td>Beronneau, F.</td>
<td>161</td>
</tr>
<tr>
<td>Berthoud, Ferd.</td>
<td>15, 158, 267</td>
</tr>
<tr>
<td>Berthoud, Louis</td>
<td>15, 16</td>
</tr>
<tr>
<td>Bartram, Will</td>
<td>158, 159, 196</td>
</tr>
<tr>
<td>Best, Robt.</td>
<td>51, 130, 157, 262</td>
</tr>
<tr>
<td>Bickett, John</td>
<td>369</td>
</tr>
<tr>
<td>Birch, Humph. T.</td>
<td>184</td>
</tr>
<tr>
<td>Birley, J.</td>
<td>222, 264</td>
</tr>
<tr>
<td>Blackmore, James</td>
<td>137</td>
</tr>
<tr>
<td>Boch</td>
<td>253</td>
</tr>
<tr>
<td>Bonde, John</td>
<td>88</td>
</tr>
<tr>
<td>Bonnikson, Bahne</td>
<td>58</td>
</tr>
<tr>
<td>Bor, J.</td>
<td>264</td>
</tr>
<tr>
<td>Bordeaux, Landreau</td>
<td>42</td>
</tr>
<tr>
<td>Borrell</td>
<td>25</td>
</tr>
<tr>
<td>Booth, Geo.</td>
<td>118</td>
</tr>
<tr>
<td>Booth, James</td>
<td>55</td>
</tr>
<tr>
<td>Bouhelic</td>
<td>160</td>
</tr>
<tr>
<td>Bowly, Devereux</td>
<td>192</td>
</tr>
<tr>
<td>Bowyer, William</td>
<td>238</td>
</tr>
<tr>
<td>Brache, Tycho (instrument)</td>
<td>231</td>
</tr>
<tr>
<td>Bradley, Henry</td>
<td>163</td>
</tr>
<tr>
<td>Bradley, Langley</td>
<td>56, 262</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Brafield, William 19

Bray, Thos. 162

Brearley, James 55

Bregazzi, P. 24

Breguet, et fils 78, 112, 161, 195, 237, 238


Brimland, Humphrey 135

Brockbanks 158, 237

Brosse 112, 160

Browne, Philip 20

Brown, Gawen 164

Brown, Henton 274

Buchanan, Archibald 193

Buchanan, D. 112

Bucks, J. Ford de 308

Bullingford 139

Bumel, Michel 38

Burgi, Jost 232, 259

Burnap, Daniel 164

Buschman, Johannes 163

Butt, T. 195

Buzengeiger 38

C

Cabrier 190, 252

Cameel, Gaspard 36

Campanus 260

Camm, F. J. 193

Cartlate, Abraham 254

Castin, Joachim 37

Ceulen, Johannes Van 36

Chabrollé 130

Chamberlane, Thos. 252

Chandler, A. 203

Chandler, Timothy 164

Charle, Geo. 184, 310

Chasseur 51

Chotard, Paul 115

Clarke, George 130, 184, 239

Clay, William 22, 209, 217

Clement, William 209, 354, 356

Clowes, John 20

Clyatt, Samuel 76, 163

Cole, James Ferguson 168

Collins, Peter 19

Cooper, John 82

Cox, James 209, 336

Cracovie, Severinus Sing 264

Cramer 37

Crayton, William 82

Creak, William 238

Cressant, C. 130

Cummings, Thos. 157

Curtis, Lemuel 165, 166

Cuss & Co., Camerer 279

D

Dawson, John 163
Decka, Jno. 195v3
Delander, Daniel 14, 147, 199v3
Dent 92v3
Dent, F. 86v3
Desbois & Wheeler 345v3
Dickson, Edwd. 188v3
Dobson, Arlander 192, 281v3
Donaldson, Alex 118v3
Doud, James 286v3
Drake, John 265v3
Drew, John 112v3
Droz á l'Orient 37v3
Droz, Jaquet 285v3
Dubois et fils 39v3
Ducommun, François 238v3
Dufalga 158v3
Dunlop, And. 158, 286v3
Dunning, Joseph Nye 166v3
Dunster, Roger 158v3
Dutton, William 46, 48v3
Du Vivier 82v3
Earnshaw, Thomas 15, 93, 157, 160, 162, 253v3
East, Edward 14, 19, 76, 77, 174, 298, 311v3
Ebsworth 93v3
Ellicott 92, 93, 108, 285, 209, 281v3
Ellicott & Compy. 110v3
Ellicott & Taylor 24, 110v3
Ellicott, John 102, 103, 110, 189, 195, 343v3
Emery, Johiah 48, 123, 127, 131, 206, 212, 281, 285, 312v3
Ester 37v3
Everell, J. 195v3
Exelby 107v3
Faber, E. 201v3
Fabrahams, Jos. 138v3
Farolfis, L. 265v3
Finney, J. 19v3
Fletcher, Thomas 51, 157v3
Foggo, James 189, 192v3
Fonnerave 135v3
Ford, John 209, 262v3
Foster, John 93v3
Frame, de la 135v3
Free, John 159, 279v3
French 285v3
Frisard, Jacob 55, 158, 190v3
Frodsham 89v3
Frodsham & Keen 88v3
Frodsham & Son 118, 193v3
Frodsham, Charles 118, 281v3
Frodsham, G. E. 118, 281v3
Fromantteel 159, 174, 277, 286v3
Fromantteel, A. 112v3
Fromantteel, John 298v3
Fry, H. 25v3
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gardner</td>
<td>185^v3</td>
</tr>
<tr>
<td>Gardts, Martin</td>
<td>41^v3</td>
</tr>
<tr>
<td>Garon, Peter</td>
<td>23^v3</td>
</tr>
<tr>
<td>Gaudron</td>
<td>193^v3</td>
</tr>
<tr>
<td>Gaze, S. B.</td>
<td>193^v3</td>
</tr>
<tr>
<td>Gevril, Moyse</td>
<td>16^v3</td>
</tr>
<tr>
<td>Geyger, Conradt</td>
<td>287^v3</td>
</tr>
<tr>
<td>Gillett, Thomas</td>
<td>135^v3</td>
</tr>
<tr>
<td>Godfrey, Henry</td>
<td>195, 196^v3</td>
</tr>
<tr>
<td>Godfrey, William</td>
<td>312^v3</td>
</tr>
<tr>
<td>Gossage, William</td>
<td>6^v3</td>
</tr>
<tr>
<td>Gould, Christopher</td>
<td>88^v3</td>
</tr>
<tr>
<td>Gout, Ralph</td>
<td>51, 263^v3</td>
</tr>
<tr>
<td>Goweth, John</td>
<td>135^v3</td>
</tr>
<tr>
<td>Graham, George</td>
<td>39, 45, 51, 84, 93, 106, 112, 131, 158, 162, 193, 222, 225, 237, 264, 286^v3</td>
</tr>
<tr>
<td>Grand, L’aïne &amp; Cie.</td>
<td></td>
</tr>
<tr>
<td>Grant</td>
<td>184, 192^v3</td>
</tr>
<tr>
<td>Green, James</td>
<td>239, 272^v3</td>
</tr>
<tr>
<td>Gregg, Richard</td>
<td>33^v3</td>
</tr>
<tr>
<td>Gregory, Jeremy</td>
<td>265^v3</td>
</tr>
<tr>
<td>Grignon, Thomas</td>
<td>340^v3</td>
</tr>
<tr>
<td>Grinkin, Robert</td>
<td>39, 341, 364^v3</td>
</tr>
<tr>
<td>Grove, Richard</td>
<td>158^v3</td>
</tr>
<tr>
<td>Gruber, Michael</td>
<td>186^v3</td>
</tr>
<tr>
<td>Gugemous</td>
<td>286^v3</td>
</tr>
<tr>
<td>H</td>
<td></td>
</tr>
<tr>
<td>Habermel, E. (sundials)</td>
<td>367^v3</td>
</tr>
<tr>
<td>Hair, Wm.</td>
<td>234^v3</td>
</tr>
<tr>
<td>Halaicher, Matheur</td>
<td>194^v3</td>
</tr>
<tr>
<td>Haley</td>
<td>112^v3</td>
</tr>
<tr>
<td>Hancorne, Thomas</td>
<td>299^v3</td>
</tr>
<tr>
<td>Harbrecht, Daniel</td>
<td>36^v3</td>
</tr>
<tr>
<td>Harding, John</td>
<td>163^v3</td>
</tr>
<tr>
<td>Hargreaves, J.</td>
<td>184^v3</td>
</tr>
<tr>
<td>Harper, Henry</td>
<td>23^v3</td>
</tr>
<tr>
<td>Harres, John</td>
<td>299^v3</td>
</tr>
<tr>
<td>Harrison, John</td>
<td>267, 283^v3</td>
</tr>
<tr>
<td>Harvey &amp; Co.</td>
<td>86^v3</td>
</tr>
<tr>
<td>Hass, B.</td>
<td>26^v3</td>
</tr>
<tr>
<td>Hatton</td>
<td>182^v3</td>
</tr>
<tr>
<td>Hawkesbury, E.</td>
<td>88^v3</td>
</tr>
<tr>
<td>Haydon, John</td>
<td>19^v3</td>
</tr>
<tr>
<td>Hele, Petrus</td>
<td>357^v3</td>
</tr>
<tr>
<td>Helius, Martin</td>
<td>254^v3</td>
</tr>
<tr>
<td>Hendel</td>
<td>18^v3</td>
</tr>
<tr>
<td>Henlein</td>
<td>23, 38^v3</td>
</tr>
<tr>
<td>Herbert, Corn</td>
<td>184^v3</td>
</tr>
<tr>
<td>Herbert, Thomas</td>
<td>19^v3</td>
</tr>
<tr>
<td>Heyl, Christian</td>
<td>19^v3</td>
</tr>
<tr>
<td>Hilden, Cornelius</td>
<td>163^v3</td>
</tr>
<tr>
<td>Hilderson, John</td>
<td>93^v3</td>
</tr>
<tr>
<td>Hildeyard, Thomas</td>
<td>112, 117^v3</td>
</tr>
<tr>
<td>Hill, Benj.137, 286, 298^v3</td>
<td></td>
</tr>
<tr>
<td>Hill, Thomas</td>
<td>130^v3</td>
</tr>
<tr>
<td>Hipp</td>
<td>253^v3</td>
</tr>
<tr>
<td>Hitchcock, William</td>
<td>135^v3</td>
</tr>
</tbody>
</table>
Hitchen  25
Holt, H. Y.  88
Hoser, J. M.  195
House, John  19
Houston, John  312
Hovenschald, J.  160
Howard, E.  167, 310
Howard, John  163
Howells, William  191, 193
Howse, Thomas  126, 189, 190
Huaud, Pierre, the elder (enameller)  186
Huaud, le Puisné'  37
Huder, E.  194
Hubert, Daniel  282
Hubert, David  88, 310
Hubert, Estienne  238
Huguenin  371
Hunt & Roskell  168
Hunziker  195
Hurt, Noe  312
Hyllius, Martinus  40, 42
I
Illmar, André  141, 257
Immer  259
Ingrahams  204
I. T. P. (case maker)  285
J
Jacques, Jean  130
Jaquet-Droz  16
Jeger, Johann George  254
Jenkins, Cornelius  163
Jerome, Chauncer  203
Johnson, George  313
Johnson, Thomas  345
Jones, Henry  23, 29, 92, 93, 130, 209, 238, 298, 300, 301
Julliott, Solomon  243
Jurgensen, Jules  159
Jutie  302
K
Kendall, Larcum  172, 267
Kehlhoff, Friederiech  38, 39
Kienig, Hans  23
Kiening, Hans Jakob  259
King, Jonathan  163
Kleisep Jakob  243
Knaus  261
Knibb, John  23, 24, 52, 132
Knibb, Joseph  31, 92, 112, 130, 132, 186, 208, 209, 221, 356
Knibb, Samuel (instruments)  174
Knifton, Thomas  123
Knight, James  237
Koch, Hans (sundials)  365
Koch, Martin  38
Kotte, Johann Jakob  38, 39
Kratzer, Nicholas (sundials)  208
Kullberg, Victor  238, 267, 279
Kummelmann, P.
Lambert 128V3
Landreau 38V3
Lanz, Nikolaus 257V3
Laroch, J. 82V3
Lattes Gardiol and Co. 190V3
Lablanc 212V3
Le Bon, Alexandre 224V3
Lehman, Christoff 37V3
Lepine 159, 237, 286V3
Leroux 48V3
Leroux, John 169V3
Le Roy 196, 267, 279, 286V3
Le Roy, Charles 312V3
Le Roy, Julien 224V3
Le Roy, Pierre 264, 267V3
Le Roy, Eleve de Breguet 192V3
Le Seyne, Pierre 37V3
Lesturgeon 93V3
Lidbrook, Thomas 135V3
Liechti 257V3
Liechti, Laurantius 256V3
Lindsay, Geo. 264V3
Lister, Thos. 111V3
Litherland 320V3
Litherland & Co. 193V3
Litherland, Davies & Co. 317V3
Litherland, Peter 316V3
Litherland, Whiteside & Co. 322V3
Littlewort, George 158V3
Lloyd, Jas. 82V3
Lodge, Thomas 20V3
Longland, John 54, 81V3
Lovett, William 312V3
Lowe, Richard 163V3
Lowndas, Jonathan 130V3
Lowry, Morgan 24V3
Lyon, R. 76V3
M
McCabe 86V3
McCabe, James 51, 86, 195, 237, 238, 246V3
McDowall, Charles 279V3
Mannhardt, Johann 19V3
Marc, Henri 141V3
Marenzeller
Margetts 263V3
Marettes, Geo. 51V3
Marie, David 195V3
Marie, Jean 37, 162V3
Marie, John 112V3
Markwick, James 222, 264V3
Markwick, Markham 195, 243V3
Markwick, Markham & Perigal 194V3
Marshall, John 150V3
Martin, Thomas 20V3
Martinot, Denis 39V3
Massy, Edmd. 112, 193, 263, 279V3
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Matel 159
Merkell, George 222, 264
Merryman, Benjamin 163
Metzger, Jeremios 258
Michael & Son 37
Michelin, Samuel 264
Millet, Edward 355
Millet, John 355
Milligan, Thomas 55
Molyneux, Robt. 237
Monnier, Nicolet 159, 160
Moore, Thomas 88, 193, 243
Morril, B. 165
Morrison, J. 24
Moss & Myres 55, 184
Motu, And. (case maker) 37
Mourey, Ph. 170
Moxon, J. 23
Mudge & Dutton 48, 51, 158, 189, 253
Mudge, Thomas 45, 47, 126, 127, 189, 194, 224, 245, 267, 279, 284, 328
Mugnier 159, 195
Munshall, Hugh 243
N
Nally 194
Neale, John 20
Newbrough, Jeremiah 299
Nicasius, John 37
N.K. 46
Northcote, James 45, 46, 250
Northcote, Samuel 263
Northgraves, D. 321
Norton, Eardley 118, 181, 243
Nouwen, Michael 238
O
Olivier, Peter 163
Oosterwyck, Severyn 238
Orton, Edward 163
Orton, Robert 163
Oudin, Jph. 51, 137, 156
P
Pafseraveau 254
Paillet, Daniel 115
Pain, David 272
Paris, Thomas 208
Parker, Daniel 112
Parkinson & Frodsham 193, 286
Parrall, Richard 287
Pastorelli 25
Patek et Cie 190
Payne 176
Pendleton, Richard 127
Penn, Thomas 20
Perigal 192
Perrel & fils 55
Perrot, Isaac 286
Perrot, Racine 343
Pillon, D. 274
Pingo, John 163
Pirembruner, Erasmus 258
Pisani, KalCIDoniju 22
Pitcher, John 163
Planikh, Nicolaus 259
Platiel, Pan 118
P.M. (casemaker) 190
Poll, Robert 369
Potter, Harry 196
Poy 37
Preisacher, Geo. 260
Prior, Edward 88, 192
Prior, George 130, 131
Punnett, W. 343
Purman, M. (sundial) 365, 366
Pyke, John 130, 131
Quare, Daniel 38, 51, 103, 112, 130, 162, 196, 232, 252, 260, 264, 286
Quaré 233, 254
Quemer, J. H. (casemaker) 38
Radeloff 260
Raimo 249
Ramsay, David 287
Ratzenhoper, Mathias 260
Raye, John 208
Raynes, Gulielmus 174
Recordon, Louis 131
Recordon, Spencer & Perkins 131
Reid & Auld 272
Reid, Wm. 190
Rey et fils, Jn. Antre 82
Rimbault, Paul 344
Robert 272
Roberts, Richard 123
Roberts, S. 82
Roberts, W. 272
Roberts, Wellston 162
Robin 159, 192, 267
Robinson, Robert 85
Robson, Wm. 310
Ron, Andreas 258
Roskell 159, 190
Roumieul, James 163
Rowell, George 83
Rugendas, Nicklaus 264
Ryland, James 192
S
Saer, Jos. 137
Samson 82
Sanderson, Henry 55
Sarrazin, James 163
Savedge, John 51, 158
Sawin, John 166, 200
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Scafe, William 93^v3
Schegs, Abraham 264^v3
Schissler (sundials) 367^v3
Schisslerus, Christophorus (sundials) 209^v3
Schmidt, G. 38^v3
Schniep, Ulrich (sundials) 365^v3
Schonmann, Johann 258^v3
Seddon, John 220^v3
Seignior, Robert 57, 286, 299^v3
Shaw 54^v3
Shelton, John 106^v3
Shelton, Samson 196^v3
Simpson, Edw. 160^v3
S.M. 168^v3
Smith 159^v3
Smith, Charles 159^v3
Smith, I W. 157^v3
Smith, Robert 189, 190^v3
Snow, John 189, 191^v3
Speakman, William 307^v3
Spencer & Perkins 131, 237, 262^v3
Spencer, Charles 163^v3
Spittle, Richard 273^v3
Spitznagel, John 253^v3
Stanton, Edward 92, 314^v3
Starey, John 88^v3
Staunton, Edward 130^v3
Studly, David 166^v3
Stuffier, Johann Georg 136^v3
Sutton, Henneus (instruments) 174^v3
Swetman 209^v3
Swinden, Fras. 162^v3
T
Tarts 184^v3
Taylor 158^v3
Taylor, Thomas 20, 218, 265, 299^v3
T.C. (casemaker) V3
Terry, Eli 167, 201, 202^v3
Thiell, Johann Georg 39, 40^v3
Thomas, Adam 212^v3
Thomas & Evans 82^v3
Thuret 75, 188^v3
Thuret, Izac 73^v3
Thuret, Jaques 73^v3
Thvret 126^v3
Thwaites & Reed 24, 239^v3
Tobias, M. J. 184, 195, 286^v3
Tomlinson, Wn. 310^v3
Tompion & Banger 126, 130, 158, 238^v3
Tompion, Tho., Graham, Geo. 237^v3
Tompion, Thomas 24, 37, 76, 149, 158, 161, 162, 174, 238, 264, 286, 309^v3
Tomkins, Phil 246^v3
Tongue, William 93^v3
Toulmin, Samuel 118^v3
Troughton, Edward (instrument) 51^v3
Tupman 312^v3
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Turet  39^V3

U
Unite, Mathias  135^V3

V
Vallin, Nicholas  202^V3
Vandehague, Henry  19^V3
Vatagest fils à Gray  160^V3
Vauteur, James  14, 15, 304^V3
Vellauer, John  260^V3
Viet, Claude  304^V3
Viet, Marianne  304^V3
Vigne-Ferdinand  195^V3
Viner  159, 160, 192, 263^V3
Viner, Charles  312^V3
Vivier, Du  82^V3
Vogel  39^V3
Vulliamy  148, 158, 159, 160, 192, 238, 246, 371^V3
Vulliamy, Justin  1, 126, 180^V3
V.W. (casemaker)  285^V3

W
Wade, Henry  184^V3
Warner, John  20^V3
Waters, John  102^V3
Watkins  281^V3
Webster  246^V3
Webster & Son  243^V3
Webster, William  118, 286^V3
Weckerlin, Elias  286^V3
Weiss, Godfried  238^V3
Wells, John  179^V3
Wentworth, George  135^V3
Westerman, R.  311^V3
Westoby, John  80^V3
Weston, Abraham  312^V3
Wetshaubl, Johann Joseph  253^V3
White & Son, Joseph  137^V3
Whitehead, R. (Sundial)  51^V3
Whitehurst, John  104^V3
Wilber, Job B.  165^V3
Wilder, Joshua  164, 166^V3
Wilkins, George  26^V3
Willard, Aaron  164, 201^V3
Willard, Simon  164, 167, 201^V3
Williams  42^V3
Williams, Edward  184^V3
Williamson, D.  279^V3
Williamson, John  92, 260^V3
Williamson, Robert  286^V3
Williamson, Timothy  130^V3
Willing  238^V3
Wilmot, Stephen  241^V3
Windmills  51, 93, 158^V3
Windmills, J.  209^V3
Wingate, Fred'k.  204^V3
Winnerl  237^V3
Wise  93^V3
Wise, Thomas  163^V3
Wolfall, William 2
Wright, Thomas 343
Wynne, Henry 299
Y
Yates, Sam 322
Young, Charles 159
Z
Zech. Jacob 357
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Officers of the

ANTIQUARIAN HOROLOGICAL SOCIETY

and

Members of the Council and Committees

September, 1962
President: THE RT. HON. LORD HARRIS
Chairman: T. P. CAMERER CUSS, Esq.
Vice-Chairman: C. B. DROVER, Esq.
Hon. Treasurer: B. G. DUMONT, Esq.
Hon. Secretary: J. C. STEVENS, Esq.
Hon. Membership Secretary: E. TRUNDELL, Esq.
Hon. Minutes Secretary: Mrs. PATRICIA NASH

COUNCIL

Dr. H. BAINES
PERCY G. DAWSON, Esq.
R. K. FOULKES, Esq.
CEDRIC S. JAGGER, Esq.

H. ALAN LLOYD, Esq.
Col. HUMPHREY QUILL
E. J. TYLER, Esq.
Dr. F. A. B. WARD

Hon. Solicitors:

Hon. Auditor:

Publications Committee
Chairman: PERCY G. DAWSON, Esq.
Hon. Editors: CECIL CLUTTON, Esq. and LAWRENCE HURST, Esq.
Hon. Secretary: C. B. DROVER, Esq.
Hon. Publications Manager: E. L. LEE, Esq.

J. R. ATKINSON, Esq.
Dr. C. F. C. BEESON

R. K. FOULKES, Esq.
T. O. ROBINSON, Esq.

Library Committee
Hon. Librarian and Curator: E. J. TYLER, Esq.

J. L. CHARLTON, Esq.
A. K. SOPER, Esq.

T. O. ROBINSON, Esq.
INDEX TO VOLUME FOUR
(DECEMBER 1962 TO SEPTEMBER 1965)

Compiled by C. F. C. Beeson

<table>
<thead>
<tr>
<th>Issue Number</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>December, 1962</td>
<td>1-32</td>
</tr>
<tr>
<td>TWO</td>
<td>March, 1963</td>
<td>33-64</td>
</tr>
<tr>
<td>THREE</td>
<td>June, 1963</td>
<td>65-96</td>
</tr>
<tr>
<td>FOUR</td>
<td>September, 1963</td>
<td>97-124</td>
</tr>
<tr>
<td>FIVE</td>
<td>December, 1963</td>
<td>125-160</td>
</tr>
<tr>
<td>SIX</td>
<td>March, 1964</td>
<td>161-192</td>
</tr>
<tr>
<td>SEVEN</td>
<td>June, 1964</td>
<td>193-224</td>
</tr>
<tr>
<td>EIGHT</td>
<td>September, 1964</td>
<td>225-256</td>
</tr>
<tr>
<td>NINE</td>
<td>December, 1964</td>
<td>257-288</td>
</tr>
<tr>
<td>TEN</td>
<td>March, 1965</td>
<td>289-320</td>
</tr>
<tr>
<td>ELEVEN</td>
<td>June, 1965</td>
<td>321-356</td>
</tr>
<tr>
<td>TWELVE</td>
<td>September, 1965</td>
<td>357-388</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>389-401</td>
</tr>
</tbody>
</table>
## GENERAL INDEX [omitting Makers]

Heavy type indicates an illustration

### A
- Accuracy of Long Pendulums (letter), by E. Lloyd Thomas...282.V4
- Accuracy of Long Pendulums (letter), by Ernest Edwardes...314.V4
- Aldworth, Samuel, A Clock by, by C. F. C. Beeson...48.V4
- Alker, T., Dancer, Manchester (letter)...219.V4
- Allix, Charles...V4
  - Another "New" Lever Watch, Ellicott No.9927...335, 336.V4
  - Julien Le Roy's Lever Reviled or Putdown Time (letter)...154.V4
- "Watches" (letter)...346.V4
- Ancient Town Hall Clock of Prague in changing Times, The, by Karl Fischer (translated by C. F. C. Beeson)...174
- André Hessen's Verge Lever Escapement, by Vaudrey Mercer...170.V4
- Anniversary Dinner, The Society's Tenth Birthday...107, 153.V4
- Another "New" Lever Watch, Ellicott No.9927, by Charles Allix...335, 336.V4
- Antiquarian Horology in Namur, by Prof. H. von Bertele...50.V4
- Appleby, L., A Chronometer by Breguet Neveu & Cie No.5053...289, 298, 299.V4
- Apprenticeship wanted (letter), by Arthur F. Newell...282.V4
- Armillary Clock, A Korean 17th century, by I. H. Combridge...300, 301.V4
- Arnold Family, Some Notes on the, by C. A. Osborne...89.V4
- Ashley, E. F., Watch by, by L. E. Christmas...212.V4
- Astronomical Dial, by Edward Shepley...8.V4
- Astronomical Clock, by Jeremias Metzker...343.V4
- Astronomical Clock of Lyons, The, by John W. Castle...72.V4
- Astronomical Clock, Prague...174, 176.V4
- Automata, Jacquet-Droz...137.V4
- Automata Clock, Ferens Csury...377.V4
- B
- Baines, Harry...117.V4
- Ballad of Little Lord Vauntleroy, The (letter), by G. W. Bennett...218.V4
- Balloon Clocks, by...V4
  - Best, Robert...221.V4
  - Haughton, James...122.V4
  - Tregent, James...159.V4
- Barnett, Clock by John (letter?), by Geoffrey Rowe...186.V4
- Barnett, Clock by John (letter), by Ernest L. Edwardes...219.V4
- Barnett, Lantern Clock by John (letter), by Geoffrey Rowe...250.V4
- Barnett, London, Clock by (letter), by A. D. H. Irwin...313.V4
- Barometers (letter), by N. P. Goodison...154.V4
- Barometers, Old English (letter), by G. H. Bell...252.V4
- Barraud Chronometer, An interesting, by R. A. Miles...173.V4
- Barraud, E. M., Paul Philip Barraud (letter)...312.V4
- Barraud, Paul Philip (letter), by Cedric S. Jagger...118.V4
- Barraud, Paul Philip (letter), by E. M. Barraud...312.V4
- Beeson, C. F. C. V4
  - A Clock by Samuel Aldworth...48.V4
  - Clock Puzzle (letter)...252.V4
  - Some Tudor Clockowners...86139.V4
  - Wood-framed Church Clocks...139.V4
  - A Clock-watch by Michael Nouwen...372.V4
- Before the Balance Wheel (letter), by Cecil Clutton...282.V4
- Belgian Clocks...50.V4
- Bell, G. H., Old English Barometers (letter)...252.V4

Bellchambers, I. K., Bristol and Somerset Clockmakers (letter)...58.V4
Regulator Clocks (letter) 313
Bennett, G. W., Le Roy s'amuse (letter) 154
The Ballad of Little Lord Vauntleroy (letter) 218
Bertele, H. von, Antiquarian Horology in Namur 50
Cambridge lectures 209
Best, H. G., Clock Lubrication (letter) 349
Billmeir, Jack A. 180
Bird, Anthony, "Pendulum" Watches (letter) 90
Le Roy-The Last Word (letter) 251
Birmingham Clockmakers 109
Birthday Celebrations 76
Birthday Exhibition 22, 172, 244
Black Forest Clocks (letter), by E. J. Tyler 347
Blois Clock and Watchmakers (letter) by Pierre Degon 347
Blyth, E. C. V. 155
Book Reviews, see Reviews
Bracket Clock by
Arnold 128
Arnold and Dent 294
Barraud 319
Berthoud, Louis 288
Bray, Thomas 3
Cole, Thomas (strut clock) 99
Dancer 161
Decool 53
Dent 62
Dupont 53
Dutton, William and Sons 29
Ellicott 276
Frodsham, Charles 66
Fromanteel and Clarke 164
Gilbert 388
Goode, Charles 324
Graham, George 70, 323, 340
Grant, John 200
Gretton, Charles 34
Hunter, Thomas, jnr. 34
Knibb, John 165, 236
Knibb, Joseph 235-7, 217, 362
Knibb, Samuel 103, 193, 202-4
Leroux, John 328
Lowndes, Jonathan 167
Pryor, Jos. 167
Puller, Jonathan 217
Raith, James 120
Roberts, John 341
Smith, Joseph 31
Stanton 312
Taylor, Thomas 338, 362
Thwaites, John 276
Tompion, Thomas 217, 224, 256
Vulliamy 192, 263
Vulliamy, Benjamin 160
Bracket Clock by (cont)
Viner and Co. 95, 317
Webster, William 191
Windmills, J. 36, 350

Whightwick, John 387

Young, Henry 357

Breguet, Neveu & Cie., A Chronometer by, by L. Appleby 289, 298, 299

Bristol and Somerset Clockmakers (letter) by J. K. Belchambers 58

Brookes, Peter Cannon, The Earliest Illustration of a Watch (letter) 348

Brussels Miniature, The (letter), by E. Morpurgo 26

Brussels Miniature, The (letter), by C. B. Drover 381

Buggins, Geoffrey, John Ellicott-Clockmaker or Clock Designer? 275

Butterfield Sundials (letter), by Cedric S. Jagger 218

Calendar Clock by

Anon 358, 360, 368-370

Decool 53

James F. Cole 99

Carriage Clock by

Anon (French) 77, 157, 255, 327, 359

Barraud 319

Beguin 79

Gamier, Paul 78

Hunt and Roskell 285

Jacot, Henri 65

Leroy & Fils 80

Soldano 285

Stewart, A. 302, 303

Cartel Clock by Stennett 32

Castle, John W., The Astronomical Clock of Lyons 72

The Great Clock of Prague 176

Chamber Clock 88

Charles Gretton, 1648-1731, by John C. Stevens 40

Christmas Cards, 1965 346

Christmas, L. E., A

A Watch by Thomas Prest 47

A Chronometer Deck Watch by Brockbanks 114

Watch by E. F. Ashley 212

Deck Watch by Margetts 216

Watch by Charles Frodsham 239

Chronometer Deck Watch by Brockbanks, by L. E. Christmas 114

Chronometer, A Domestic, by G. C. Spencer 302, 303

Chronometer, by Thomas Earnshaw, A, (letter) by G. E. Edsall 378

Church Clocks, Wood-framed, by C. F. C. Beeson 139

Clerkenwell Clockmakers, early (letter), by C. A. Osborne 183

Clock by Samuel Aldworth, A, by C. F. C. Beeson 48

Clock by Dancer (letter), by W. W. Hancock 183


Clock by Harmsworth, Cambridge (letter), by A. M. Wagstaffe 314

Clock by Tantum (letter), by K. R. Hughes 311

Clock Puzzle (letter), by C. F. C. Beeson 252

Clock Shown in 17th century Carving, by G. B. Hodgetts 182

Clock, Swinging Angel (letter), by John A. Fielden 311

Clock at Appleby Magna (letter), by Edward Dames-Longworth 282

Clock and Watchmakers (letter), by T. P. Camerer Cuss 24

Clock and Watchmakers, Essex (letter), by C. A. Osborne 26

Clock and Watchmakers, Research 177, 216, 252

Clock and Watchmaking in Deptford, Greenwich and Lewisham, by C. A. Osborne 116

Clock Lover's Exhibition, A, by T. O. Robinson 375

Clock Lubrication (letter), by H. G. Best 349
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clocks at Bruton Place, by Michael Hurst</td>
<td>338, 341</td>
</tr>
<tr>
<td>Clocks at the Fitzwilliam Museum (letter), by E. Leigh</td>
<td>380</td>
</tr>
<tr>
<td>Clocks seen on the Swiss-Italian Tours, 1963, by F. A. B. Ward</td>
<td>134</td>
</tr>
<tr>
<td>Astronomical</td>
<td>V4</td>
</tr>
<tr>
<td>Balloon</td>
<td>V4</td>
</tr>
<tr>
<td>Belgian</td>
<td>V4</td>
</tr>
<tr>
<td>Bracket</td>
<td>V4</td>
</tr>
<tr>
<td>Calendar</td>
<td>V4</td>
</tr>
<tr>
<td>Carriage</td>
<td>V4</td>
</tr>
<tr>
<td>Cartel</td>
<td>V4</td>
</tr>
<tr>
<td>Drum</td>
<td>V4</td>
</tr>
<tr>
<td>Hood Wall</td>
<td>V4</td>
</tr>
<tr>
<td>Japanese</td>
<td>V4</td>
</tr>
<tr>
<td>Journeyman</td>
<td>V4</td>
</tr>
<tr>
<td>Lantern</td>
<td>V4</td>
</tr>
<tr>
<td>Longcase</td>
<td>V4</td>
</tr>
<tr>
<td>Monastic Alarm</td>
<td>V4</td>
</tr>
<tr>
<td>Musical</td>
<td>V4</td>
</tr>
<tr>
<td>Night</td>
<td>V4</td>
</tr>
<tr>
<td>Orrery</td>
<td>V4</td>
</tr>
<tr>
<td>Pendulette</td>
<td>V4</td>
</tr>
<tr>
<td>Regulator</td>
<td>V4</td>
</tr>
<tr>
<td>Table</td>
<td>V4</td>
</tr>
<tr>
<td>Turret</td>
<td>V4</td>
</tr>
<tr>
<td>Clock-watch by Michael Nouwen, A, by C. F. C. Beeson</td>
<td>372</td>
</tr>
<tr>
<td>Clock-watches</td>
<td>97, 118, 372</td>
</tr>
<tr>
<td>Clutton, Cecil The First Mechanical Escapement (letter)</td>
<td>24</td>
</tr>
<tr>
<td>Julien Le Roy's lever Revived</td>
<td>108</td>
</tr>
<tr>
<td>Julien Le Roy's Lever Escapement (letter)</td>
<td>184</td>
</tr>
<tr>
<td>Before the Balance Wheel (letter)</td>
<td>282</td>
</tr>
<tr>
<td>More thoughts on Mudge</td>
<td>306</td>
</tr>
<tr>
<td>“Watches” (letter)</td>
<td>346</td>
</tr>
<tr>
<td>Collections</td>
<td>V4</td>
</tr>
<tr>
<td>Fiumi, D. A.</td>
<td>106, 178</td>
</tr>
<tr>
<td>Fremersdorf</td>
<td>135, 137</td>
</tr>
<tr>
<td>Gershom Parkington</td>
<td>214</td>
</tr>
<tr>
<td>Hawkins, B.</td>
<td>378</td>
</tr>
<tr>
<td>Horwood, J. S.</td>
<td>342</td>
</tr>
<tr>
<td>Namur</td>
<td>50</td>
</tr>
<tr>
<td>Nathan, C.</td>
<td>136, 180</td>
</tr>
<tr>
<td>Saracini, Conte Guido Chigi</td>
<td>107</td>
</tr>
<tr>
<td>Summers, Sir Geoffrey</td>
<td>217, 248</td>
</tr>
<tr>
<td>Waddesdon Manor</td>
<td>244, 343</td>
</tr>
<tr>
<td>Wernher, Luton Hoo</td>
<td>115</td>
</tr>
<tr>
<td>Collectors' Pieces, Clocks and Watches</td>
<td>172</td>
</tr>
<tr>
<td>Combridge, J. H., A Korean 17th century Armillary Clock</td>
<td>300</td>
</tr>
<tr>
<td>Commemorating John Joyce</td>
<td>274</td>
</tr>
<tr>
<td>Coole, P. G., The Tenth-Anniversary Exhibition</td>
<td>210</td>
</tr>
<tr>
<td>Coole as a Cucumber (letter), by Cedric Jagger</td>
<td>250</td>
</tr>
<tr>
<td>Country Clockmakers (letter), by P. A. Hewitt</td>
<td>380</td>
</tr>
<tr>
<td>Covell, Wm. King, John May, London (letter)</td>
<td>379</td>
</tr>
<tr>
<td>Crowther, C. C., The Name on the Dial (letter)</td>
<td>312</td>
</tr>
<tr>
<td>Cuss, T. P. Camerer, Clock and Watchmakers (letter)</td>
<td>24</td>
</tr>
<tr>
<td>The A.H.S. Tour, 1963</td>
<td>106</td>
</tr>
<tr>
<td>The Silver Swan</td>
<td>330, 321, 332, 333</td>
</tr>
<tr>
<td>Mudge and other Matters (letter)</td>
<td>346</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

D
Dames-Longworth, Edward, Clock at Appleby Magna (letter) 282
Dancer, Clock by (letter), by C. A. Osborne 219
Dancer, Manchester (letter), by T. Alker 219
Daniels, George, Julien Le Roy's Lever Escapement (letter) 185
 "Watches" (letter) 345
Degon, Pierre, Blois Watch and Clockmakers (letter) 347
Deptford, Greenwich and Lewisham Watch and Clockmakers of (letter), by C. A. Osborne 91
Derby Cathedral Clock, The Hour Tubes of, by J. E. Locke 281
Derbyshire Clockmakers before 1850, by W. Douglas White 240
Dial Plate 10
Dickie, A. B., French Carriage Clocks 77
Did Dondi use Iron?, by Alan Lloyd 371
Directions for the Management of a Watch, by L. Hudleston 16
Distinguished Continental Clock rediscovered, A, by F. A. B. Ward 343
Dondi Clock, Milan Museum 135
Drover, C. B., The Earliest Illustration of a Watch (letter) 310
The Brussels Miniature (letter) 381
Drum Clock by Anon 214, 293
E
Early Timekeepers at Sea, by G. W. Nockolds 110, 148
Edsall, G. E., A Chronometer by Thomas Earnshaw (letter) 378
Edwardes, Ernest L. English Provincial Clockmaking 8
 Clock by John Barnett (letter) 219
Weight Clocks at Chester 245
Rope or Chain? 272
Accuracy of Long Pendulums (letter) 314
Elicott Musical Clock (letter), by P.J. Hill 186
Elicott, John, Clockmaker or Clock Designer?, by Geoffrey Buggins 275
English Provincial Clockmaking, by Ernest L. Edwardes 8
Escapement, The First Mechanical (letter), by E. Morpurgo 24
Escapement, The First Mechanical (letter), by C. Clutton 24
Escapements, Clock 138
 Amant 138
Anchor 207, 338
Chronometer detached detent 83, 161
Chronometer spring detent 303
Crown wheel and verge 143
Foliot (Balance) 134
Foliot (turret) 139, 145
Lepaute 135
Pendulum crossbeat 206
Tictac 236
Twin Wheel 311

Escapements, Watch 183, 212, 216, 298, 299
Chronometer 271
MacDowall's 270, 289
Marine 270
Pocket 121, 239
Lever, Le Roy's 108, 109, 184, 185
Ratchet Tooth 47, 308
Tourbillon 156
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Verge Lever 170, 172

Essex Clock and Watchmakers (letter), by C. A. Osborne 26

Euston Station Clock 113

Exhibition in Namur 50

Exhibition Catalogue 211, 305

Exhibition, A Clock Lover's, by T. O. Robinson 375

Exhibition, Collectors' Pieces 172

Exhibition, The Tenth-Anniversary, by P. G. Coole 210

Exhibition, Tenth Birthday Opening 213

Extraordinary Clock, An, by "Mr. Barny" 368-370

Falling ball clock 327

False plates by Osborne and Wilson, Walker and Co. 10, 11

Fielden, John A., Swinging Angel Clock (letter) 311

Fischer, Karl, The Ancient Town Hall Clock of Prague in Changing Times (translated by C. F. C. Beeson) 174

Fleming, H. M., A Mystery Clock (letter) 380

For Your Further Reading 76, 187, 244, 305, 377

French Carriage Clocks, by A. B. Dickie 77

French Clock signed "Robert" (letter), by R. Mc. V. Weston 186

French Lantern Clocks, by W. F. J. Hana 266

Freunde Alter Uhren, visit 17, 76

Frodsham, Chas., Watch by, by L. E. Christmas 239

Frodsham, Charles (1810-1871) 361

G

Gazeley, W. J., The History of Timing and Regulating 246

Gershon Parkington Collection, Clocks Stolen 214

Gibborne, A. F., Watch by Benjamin Webb London (letter) 251

Goodison, N. P., Barometers (letter) 154

Gothic clock 87

Grandfather of Grandfather Clocks comes to Liverpool, The, 113

Gretton, Charles, 1648-1731, by John C. Stevens 40

Grinkin Watch Dial (letter), by G. W. Bennett 24

Grinkin Watch Dial (letter), by Philip P. Thornton 24

H

Hana, W. F. J., French Lantern Clocks 266

Hancock, W. W., Clock by Dancer (letter) 161, 183

Harmsworth, John, Cambridge (letter), by E. I. Tyler 346

Harper, A Clock by Henry, by C. H. Wheeler 304

Hawkins, Bernard F. 244

Hawting, John, Oxford, A Clock by, by C. F. C. Beeson 273

Hewitt, P. A., Country Clockmakers (letter) 380

Hilary, Ernest 16

Hill, P. J., Ellicott Musical Clock (letter) 186

History of Timing and Regulating, The, by W. J. Gazeley 246

Hodgetts, G. B., Clock shown in 17th Century Carving 182

Hood (Wall) Clock by

Barnett, John 313

Hedge, Nathaniel 13

Knibb, John 238

Horology in Hungary, by Arpad Horvath 376

Horvath, Arpad, Horology in Hungary 376

Howard, Chester W., Japanese Pillar Clocks (letter) 58

Hughes, K. R., Clock by Tantum (letter) 311

Hurle-Bath, H. R. 299
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Hurst, Michael, Clocks at Bruton Place 338V4
Husbands, L. W. M., Unusual Japanese Pillar Clock, An (letter) 27, 58V4
Hutchinson, W. P., Watch by John May, London (letter) 347V4

I
Ilbert Memorial Lecture, The 113, 188, 215V4
Ilbert Room at the British Museum 105V4
Irwin, A. D. H., Clock by Barnett, London (letter) 313V4

J
Jagger, Cedric, Paul Philip Barraud (letter) 59V4
Butterfield Sundials (letter) 218V4
Coole as a Cucumber (letter) 250V4
Japanese Pillar Clocks (letter), by Chester W. Howard 58V4
Japanese Pillar Clock, An Unusual (letter), by L. W. M. Husbands 27, 58V4
Journeyman Clocks, by R.J.L., E.J.T. 370V4
Julien Le Roy's Lever Revived, by Cecil Clutton 108V4
Julien Le Roy's Lever Reviled or Piltdown Time (letter), by Charles Allix 154V4
Julien Le Roy's Lever Escapement (letter), by Cecil Clutton 184V4
Julien Le Roy's Lever Escapement (letter), by Robert H. A. Miles 185V4

K
Kirkman, Arthur 377V4
Kitz, N., Lantern Clock by John Spring (letter) 57V4
Knibb Family, Clockmakers, The, by Ronald A. Lee 202, 232V4
Korean 17th century Armillary Clock, A by J. H. Combridge 300V4
Krebs, E. W., Clock by Waddams (letter) 250V4

L
Lantern Clocks (letter), by John Lindsay Williams 347V4
Lantern Clock by 86V4
Anon 86V4
Arsye, J. J. 52V4
Barnett, John 186V4
Bodin, René 267V4
Dammant, Barnaby 11V4
Knibb, John 233V4
Minoche, Julien 266V4
Spring, John 57V4
Tremble 269V4

Latcham, P. R., Wooden Clocks in 1797? (letter) 312V4
Leigh, E., Clocks at the Fitzwilliam Museum (letter) 380V4
Lemm, H., A Watch by F. Masseron, Paris (letter) 1, 26V4
Leplastrier, Watch by, by L. E. Christmas 308V4
Le Roy's Lever Escapement, Julien (letter), by Cecil Clutton 184V4
Le Roy's Lever Escapement, Julien (letter), by Robert H. A. Miles 185V4
Le Roy's Lever Escapement, Julien (letter), by George Daniels 185V4
Le Roy's Lever Escapement, Julien (letter), by W. L. Bennett 154V4
Le Roy, The last Word (letter), by Anthony Bird 251V4
Library 23, 49, 85, 113, 146, 175, 211, 252, 281, 305, 375V4

Lloyd, Alan, Did Dondi use Iron? 371V4
Lloyd, H. A., Morez clock (letter) 23V4
The Remontoire (letter) 378V4

Locke, J. E., The Hour Tubes of Derby Cathedral Clock 281V4
Longcase Clock with Ship's Bell Striking (letter), by C. A. Osborne 218V4
Longcase Clock by
Aldworth, Samuel 48, 49V4
Benoit, I. F. 52V4
Brown, Nathaniel 15V4
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Clough, John 12V4
Delander, Daniel 339V4
Fernley, Peter 14V4
Gretton, Charles 41V4
Harper, Henry 304, 305V4
Harris, Thomas 214V4
Jarrett, Richard 375V4
Knibb, Joseph 204-9, 225, 232-4, 339V4
Knibb, Peter 202, 323, 338V4
Knibb, Samuel 202, 323, 338V4
May, John 379V4
Morice, David 356V4
Nicoll, William 96V4
Taylor, John 12V4
Tompion, Thomas 6, 375V4
Trubshaw, John 93, 123V4
Watson, Sam 61V4
Wrench, Edward 11, 12V4
Zoller, Ferenc 376V4

see also RegulatorsV4

M

Mantel Clocks, see Bracket ClocksV4

Margretts Deck Watch, by L. E. Christmas 216V4

Marine Chronometer with a very unusual Form of Escapement, A, by G. A. Rose and R. Mc V. Weston 270V4

May, John, London (letter), by Wm. King Covell 379V4

Mechanical Escapement, The First (letter), by E. Morpurgo 24V4

MeetingsV4

Chester, 10-11 April, 1964, by F. A. B. Ward 218V4

Sixth Provincial 274, 301, 342V4

Spring-Summer, 1965 301V4

Annual General 342V4

Reports 177, 209, 310, 342V4

Membership, The Society's 133V4

see also New MembersV4

Mercer, R. Vaudrey, André Hessen's Verge Lever Escapement 170V4

Secret Locking Device (letter) 184V4


Miles, Robert H. A., An interesting Barraud Chronometer 173V4

Watches seen on the Swiss-Italian Tours, 1963 178V4

Julien Le Roy's Lever Escapement (letter) 185V4

Monastic Alarm Clocks 134, 135, 381V4

Morez Clock (letter), by H. Alan Lloyd 2V4

Morpurgo, E., The Brussels Miniature (letter) 26V4

"Mr. Barny", An Extraordinary Clock 368-370V4

Mudge, More Thoughts on, by Cecil Clutton 306V4

Mudge and other Matters (letter), by T. P. Camerer Cuss 346V4

MuseumsV4

Auberson, Baud Frères 107V4

Bedford 125V4

Birmingham, City and Arts 143V4

Bowes 330V4

British, London 76, 277V4

Davies (Cox) 330V4

Fitzwilliam 380V4
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Florence, Science and Technology 107, 135, 178 V4
Haarlem, Teyler 370 V4
La Chaux de Fonds 107, 138, 179 V4
Leicester 145 V4
Le Locle 107, 137, 179 V4
Lincoln 146 V4
Milan, Science and Technology 106, 135, 178 V4
National Maritime, Greenwich 81, 110 V4
Neuchâtel 107, 137, 178 V4
Oxford, History of Science 144, 274 V4
Science, London 210 V4
Spoon, Hungary 376 V4
Weeks 330 V4
Ulster 373 V4

Mystery Clock, A (letter), by P. A. Hewitt 380 V4

Name on the Dial (letter), by C. C. Crowther 312 V4
New Members 16, 49, 119, 180, 244, 309, 374 V4
Newell, Arthur F., Apprenticeship wanted (letter) 282 V4
Nockolds, G. W., Early Timekeepers at Sea 110, 148 V4
Nurnberg Clock (letter), by Orval Seitz 313 V4

Orrery Clocks 54, 138 V4
Osborne, C. A., Essex Clock and Watchmakers (letter) 26 V4
Some Notes on the Prest Family 46 V4
Some Notes on the Arnold Family 89 V4
Index of Makers (letter) 90 V4
Watch and Clockmakers of Deptford, Greenwich and Lewisham (letter) 91 V4
Clock and Watchmaking in Deptford, Greenwich and Lewisham 116 V4
Early Clerkenwell Clockmakers (letter) 183 V4
Longcase Clock with Ship's Bell Striking (letter) 218 V4
Clock by Dancer (letter) 219 V4

Owen, Edward, Birmingham (letter) by E. J. Tyler 282 V4

Pamer, Watch by (letter), by R. M. Snow 311 V4
"Pendulum" Watches (letter), by Anthony Bird 90 V4
Pendulette Clock 53 V4

Pillar Clock 58, 95 V4

Prague, The Ancient Town Hall Clock of, In changing Times, by Karl Fischer (translated by C. F. C. Beeson) 74

Prague, The Great Clock of, by J. W. Castle 176 V4
Prest's Keyless Work, by L. E. Christmas 23 V4
Prest Family, Some Notes on, by C. A. Osborne 46 V4
Prest, A Watch by Thomas, by L. E. Christmas 47 V4
Programme V4
Winter-Spring, 1963 25 V4
Spring-Summer, 1963 56, 57 V4
Summer-Autumn, 1963 76, 85 V4
Autumn-Winter, 1963 117 V4
Spring-Summer, 1964 181, 147 V4
Summer, 1964 215 V4
Autumn-Winter, 1964/65 247 V4
Winter-Summer, 1965 279, 280 V4
Summer-Autumn, 1965 334, 345 V4
Autumn, 1965 377 V4

Publications 56, 169, 329 V4
Publications Manager 215, 265 V4
Regulator Clocks (letter), by I. K. Bellchambers 313
Regulator Clock by V4

Billeter, A. 137
Brown 124
Richard, Louis 138
Remontoire, The (letter), by H. Alan Lloyd 378

Repeating Watches, A History of, by Francis Wadsworth 365-367

Reviews, Book V4

The Book of Old Clocks and Watches, 4th edn., by Hans von Bertele (translated by H. Alan Lloyd) 280

A. L. Breguet, Horloger, by C. Breguet 88
The Collectors' Dictionary of Clocks, by H. Alan Lloyd 245
Friese Klokken, by C. I. von Dishoek 269
Galileo Galelei and Time Measurement 187
Horology, by Donald de Carle 372
The Knibb Family, Clockmakers, by Ronald A. Lee 215
Model Engineer 187
Old Clocks, by J. Otto Sherer 309
Orologi Preziosi dal XVI al XIX Secolo, by Enrico Morpurgo 372
La Pendule Francaise, by Henri Lengelle/Tardy 56
Pioneers of Precision Timekeeping, A. H. S. Monograph No.3 374
The Plain Man's Guide to Antique Clocks, by W. J. Bentley 138
The Scent of Time, by Silvio A. Bedini 138
Schriften der Freunde Alter Uhren, IV 303
Timekeepers, by F. A. B. Ward 188
Watches, by Cecil Clutton and George Daniels 337

Weight Driven Chamber Clocks of the Middle Ages and Renaissance, by Ernest L. Edwardes 375

Ridsdale, F. J. 252
Robinson, T. O. 17
Robinson, T. O., A Clock Lover's Exhibition 375
Rope or Chain, by Ernest L. Edwardes 272
Rose, G. A., and Weston, R. Mc V., A Marine Chronometer with a very unusual Form of Escapement 270
Rowe, Geoffrey, Clock by John Barnett (letter) 186
Rowe, Geoffrey, Lantern Clock by John Barnett (letter) 250

Samuel Cleghorn, London (letter), by John C. Stevens 219
Secret Locking Device (letter), by R. Vaudrey Mercer 184
Seitz, Orval, Nurnberg Clock (letter) 313
Silver Swan, The, by T. P. Camerer Cuss 321, 330-333
Silver Swan, The (letter), by R. McV. Weston 382
Snow, R. M., Watch by Pamer (letter) 311
Some Notes on the Arnold Family, by C. A. Osborne 89
Some Notes on the Prest Family, by C. A. Osborne 46
Some Tudor Clockowners, by C. F. C. Beeson 86
Spencer, G. C., A Domestic Chronometer 302, 303
Stevens, John C., Charles Gretton, 1648-1731 40
Samuel Cleghorn, London (letter) 219
The Will of Isaac Pluvier 18

Striking System V4

Flail-locking 140
Kick-starting 140
Morbier Rack 135

Sundial, equinoctial 51
Swinging Ball Clock 190

Table Clocks V4
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Anon</th>
<th>293, 136V4</th>
</tr>
</thead>
<tbody>
<tr>
<td>De Fobis, Pierre</td>
<td>135V4</td>
</tr>
<tr>
<td>Dupont</td>
<td>53V4</td>
</tr>
<tr>
<td>Plantard, I.</td>
<td>136V4</td>
</tr>
<tr>
<td>Reinhold, Janus</td>
<td>137V4</td>
</tr>
<tr>
<td>Tarsia panels</td>
<td>135V4</td>
</tr>
<tr>
<td>Tenth-Anniversary Exhibition, The, by P. G. Coole</td>
<td>210V4</td>
</tr>
<tr>
<td>Thomas, E. Lloyd, Accuracy of Long Pendulums (letter)</td>
<td>282V4</td>
</tr>
<tr>
<td>Thornton, Philip P., The Grinkin Watch Dial (letter)</td>
<td>24V4</td>
</tr>
<tr>
<td>Time, Ships and Civilisation, by D. W. Waters</td>
<td>81V4</td>
</tr>
<tr>
<td>Tour of Switzerland and North Italy, 1963</td>
<td>22V4</td>
</tr>
<tr>
<td>Tour, A. H. S. 1963, by T. P. Camerer Cuss</td>
<td>106V4</td>
</tr>
<tr>
<td>Clocks by F. A. B. Ward</td>
<td>134V4</td>
</tr>
<tr>
<td>Watches by Robert H. A. Miles</td>
<td>178V4</td>
</tr>
<tr>
<td>Tour, Summer, 1965</td>
<td>280, 301, 334, 342V4</td>
</tr>
<tr>
<td>Tour, The Mystery, Saturday, July 10th, 1965</td>
<td>378V4</td>
</tr>
<tr>
<td>Trundell, E., Visit to Chester, April 10-11, 1964, Bracket and Lantern Clocks</td>
<td>217V4</td>
</tr>
<tr>
<td>Tudor Clockowners, Some, by C. F. C. Beeson</td>
<td>86V4</td>
</tr>
<tr>
<td><strong>Turrett Clocks</strong></td>
<td></td>
</tr>
<tr>
<td>Appleby Magna</td>
<td>139, 282V4</td>
</tr>
<tr>
<td>Aston Cantlow</td>
<td>139V4</td>
</tr>
<tr>
<td>Barton-in-Fabis</td>
<td>139V4</td>
</tr>
<tr>
<td>Bletsoe</td>
<td>125V4</td>
</tr>
<tr>
<td>Bologna</td>
<td>135V4</td>
</tr>
<tr>
<td>Broughton</td>
<td>142V4</td>
</tr>
<tr>
<td>Bunbury</td>
<td>145V4</td>
</tr>
<tr>
<td>Burton-on-Trent</td>
<td>145V4</td>
</tr>
<tr>
<td>Clumber Park</td>
<td>243V4</td>
</tr>
<tr>
<td>Cothele House</td>
<td>142V4</td>
</tr>
<tr>
<td>Cropwell Bishop</td>
<td>143V4</td>
</tr>
<tr>
<td>Derby Cathedral</td>
<td>241, 281V4</td>
</tr>
<tr>
<td>Diseworth</td>
<td>145V4</td>
</tr>
<tr>
<td>East Leake</td>
<td>144V4</td>
</tr>
<tr>
<td>Ecton</td>
<td>145V4</td>
</tr>
<tr>
<td>Exeter Cathedral</td>
<td>142V4</td>
</tr>
<tr>
<td>Eyton-upon-the-Weald-Moors</td>
<td>139V4</td>
</tr>
<tr>
<td>Grendon</td>
<td>145V4</td>
</tr>
<tr>
<td>Haddon Hall</td>
<td>142V4</td>
</tr>
<tr>
<td>Hungarian</td>
<td>376V4</td>
</tr>
<tr>
<td><strong>Turrett Clocks (com)</strong></td>
<td></td>
</tr>
<tr>
<td>Idbury</td>
<td>145V4</td>
</tr>
<tr>
<td>La Chaux de Fonds Museum</td>
<td>138V4</td>
</tr>
<tr>
<td>Lapworth</td>
<td>139V4</td>
</tr>
<tr>
<td>Leintwardine</td>
<td>139V4</td>
</tr>
<tr>
<td>Long Whatton</td>
<td>139V4</td>
</tr>
<tr>
<td>Lullington</td>
<td>139V4</td>
</tr>
<tr>
<td>Lyons</td>
<td>72V4</td>
</tr>
<tr>
<td>Marston Magna</td>
<td>142V4</td>
</tr>
<tr>
<td>Martley</td>
<td>139V4</td>
</tr>
<tr>
<td>Middle Littleton</td>
<td>143V4</td>
</tr>
<tr>
<td>Milan Museum</td>
<td>135V4</td>
</tr>
<tr>
<td>Monks Coppenhall</td>
<td>87, 142V4</td>
</tr>
<tr>
<td>Onibury</td>
<td>144V4</td>
</tr>
<tr>
<td>Owtorpe</td>
<td>139V4</td>
</tr>
<tr>
<td>Polebrook</td>
<td>87, 143V4</td>
</tr>
<tr>
<td>Plumtree</td>
<td>139V4</td>
</tr>
<tr>
<td>Prague</td>
<td>174, 176V4</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Ramsey 139V4
Sharnbrook 139V4
Sibson 282V4
Smithells Hall 88V4
Staunton Harold 139V4
Stow 139V4
Westminster Abbey 212V4
York Minster 142V4

Tyler, E. J., Edward Owen, Birmingham (letter) 282V4
John Harmsworth, Cambridge (letter) 346V4
Black Forest Clocks (letter) 347V4

U
Ulster Clock and Watchmakers 373V4
Upjohn Family, London 252V4

V
VisitsV4

Big Ben 173, 301V4
Chester 181, 217V4
Chilham 378V4
Hungerford 301V4
Luton Hoo 115V4
Ilbert Room 277, 301V4
Royal Observatory 301, 371V4
St. Albans 115V4
Waddesdon Manor 181, 244V4
Walsall 342V4

W
Waddams, Clock by (letter), by E. W. Krebs 250V4
Wadsworth, Francis, A History of Repeating Watches 365-367V4
Wadsworth, J. H. F., Visit to Chester, April 10-11, 1964, Watches 217V4
Wagstaffe, k W., Clock by Harmsworth Cambridge (letter) 314V4
Ward, F. A. B., Clocks seen on the Swiss-Italian Tours, 1963 134V4
A distinguished Continental Clock rediscovered 343V4
The earliest Illustration of a Watch 257, 278V4
The earliest Illustration of a Watch (letter) 348, 349V4
Meridian Line in San Petrono Church Bologna (letter) 187V4
Watch and Clockmakers of Deptford, Greenwich and Lewisham (letter), by C. A. Osborne 91V4
Watch bearing Purchaser's Name (letter), by R. McV. Weston 57V4
Watch byV4

Arnold, John 23, 239, 291V4
Ashley, E. F. 212V4
Barnett, John 98, 118V4
Belliard 291V4
Berthoud 199V4
Breguet 35, 63, 94, 121, 156, 163, 223, 228, 287, 292, 316, 384V4

Breguet Neveu & Cie. 289, 298V4
Brockbanks 114V4
Cole, I. F. 355V4
Cotton, John 199V4
Elicott 335V4
Frodsham, Charles 239V4
Gretton, Charles 45V4
Hallycher, Mattheus 179V4
Hanet, John and George 198V4
Hessen, André 170-172V4
Ilbury 195V4
Jacquet Droz
Leplastrier I.
Le Roy, Julien
Loftus
MacDowell, J. E.
Masseron, F.
Margetts
May, John
Moore
Patron, James
Pennington, Pendleton et. al.
Pluvier, Isaac
Prior, Edward
Prest, Thomas
Quare, Daniel
Sarton
Schmid, Georg
Tarleton
Tompion, Thomas
Webb, Benjamin
Weston
Young, C.

Watch by F. Masseron, Paris, A (letter), by H. Lemin
Watch by John May, London (letter), by W. P. Hutchinson
Watch by Thomas Prest, A, by L. E. Christmas
Watch by Benjamin Webb, London (letter), by A. F. Gliborne
Watch, The earliest Illustration of a, by F. A. B. Ward
Watch, The earliest Illustration of a (letter), by C. B. Drover
Watch, The earliest Illustration of a (letter), by F. A. B. Ward
Watch, The earliest Illustration of a (letter), by Peter Cannon Brookes
Watchman's Clock
Watches seen on the Swiss-Italian Tours, 1963, by R. H. A. Miles
"Watches" (letter), by Cecil Clutton
"Watches" (letter), by George Daniels
"Watches" (letter), by Charles Allix
Watches Automaton
Chronometer
Clockwatch
Pendulum
Perpetual
Repeating
Stackfread
Sympathique
Tourbillon

Waters, D. W., Time. Ships and Civilisation
Weight Clocks at Chester, by Ernest L. Edwardes
Weston, R. McV., French clock signed "Robert" (letter)
The Silver Swan (letter)
Watch bearing Purchaser's Name (letter)
Weston, R. McV., and Rose, G. A., A Marine Chronometer with a very unusual Form of Escapement
Wheeler, C. H., A Clock by Henry Harper
White, W. Douglas. Derbyshire Clockmakers before 1850
Will of Isaac Pluvier, The, by John C. Stevens
Williams, John Lindsay, Lantern Clocks (letter)
Wooden Clocks in 1797? (letter), by P.R. Latcham
Wood-framed Church Clocks by C. F. C. Beeson
# INDEX TO MAKERS

Heavy type indicates an illustration

<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams, George</td>
<td>48, 213, 375</td>
</tr>
<tr>
<td>Ainsworth, George</td>
<td>48, 213</td>
</tr>
<tr>
<td>Aldworth, Samuel</td>
<td>275</td>
</tr>
<tr>
<td>Allam and Clements</td>
<td>116</td>
</tr>
<tr>
<td>Allen, Thomas</td>
<td>138</td>
</tr>
<tr>
<td>Amiet, Isaac</td>
<td>9</td>
</tr>
<tr>
<td>Antrobus, Phillip</td>
<td>8</td>
</tr>
<tr>
<td>Apps, Robert</td>
<td></td>
</tr>
<tr>
<td>Arnold</td>
<td>115, 128, 148, 150, 247, 306</td>
</tr>
<tr>
<td>Arnold, Charles Wilson</td>
<td></td>
</tr>
<tr>
<td>Arnold, John</td>
<td>89, 111, 291</td>
</tr>
<tr>
<td>Arnold, John Roger</td>
<td>89, 239, 371</td>
</tr>
<tr>
<td>Arnold and Dent</td>
<td>294</td>
</tr>
<tr>
<td>Arsenius, Gualterius</td>
<td>51</td>
</tr>
<tr>
<td>Arsyé, J. J.</td>
<td>52</td>
</tr>
<tr>
<td>Ashley, E. F.</td>
<td></td>
</tr>
<tr>
<td>Backford</td>
<td>11</td>
</tr>
<tr>
<td>Barbier, Pierre</td>
<td>138</td>
</tr>
<tr>
<td>Barlow, Edward</td>
<td>365</td>
</tr>
<tr>
<td>Barnet, Felix</td>
<td>116</td>
</tr>
<tr>
<td>Barnett, John</td>
<td>9, 118, 186, 219, 250, 313</td>
</tr>
<tr>
<td>Barraud</td>
<td>319, 371</td>
</tr>
<tr>
<td>Barraud, John</td>
<td>275</td>
</tr>
<tr>
<td>Barraud, Paul Philip</td>
<td>59, 150, 118, 173, 312, 275</td>
</tr>
<tr>
<td>Barraud and Lund</td>
<td>59, 119</td>
</tr>
<tr>
<td>Barrow, Nathaniel</td>
<td>246</td>
</tr>
<tr>
<td>Barwise</td>
<td>178</td>
</tr>
<tr>
<td>Baveux, A.</td>
<td>79</td>
</tr>
<tr>
<td>Beck, Christopher</td>
<td>116</td>
</tr>
<tr>
<td>Belliard</td>
<td>291</td>
</tr>
<tr>
<td>Bennett</td>
<td>313</td>
</tr>
<tr>
<td>Bennett, Elizabeth</td>
<td>116</td>
</tr>
<tr>
<td>Bennett, George</td>
<td>116</td>
</tr>
<tr>
<td>Bennett, John</td>
<td>116</td>
</tr>
<tr>
<td>Bennett, Mansell</td>
<td>375</td>
</tr>
<tr>
<td>Benoit, J. F.</td>
<td>52</td>
</tr>
<tr>
<td>Berolla, M.</td>
<td>79</td>
</tr>
<tr>
<td>Berthould, Ferdinand</td>
<td>180</td>
</tr>
<tr>
<td>Berthould, Louis</td>
<td>288, 275</td>
</tr>
<tr>
<td>Berthould</td>
<td>199</td>
</tr>
<tr>
<td>Best, Robert</td>
<td>221</td>
</tr>
<tr>
<td>Billiter, Alfred</td>
<td>137</td>
</tr>
<tr>
<td>Bishop, Thomas</td>
<td>116</td>
</tr>
<tr>
<td>Bodin, René</td>
<td>267, 268</td>
</tr>
<tr>
<td>Boislandon</td>
<td>179</td>
</tr>
<tr>
<td>Bonnksen</td>
<td>247</td>
</tr>
<tr>
<td>Bouquet, David</td>
<td>246</td>
</tr>
<tr>
<td>Bouquet, Salomon</td>
<td>138</td>
</tr>
<tr>
<td>Bower, Peter</td>
<td>380</td>
</tr>
<tr>
<td>Boyles, John</td>
<td>116</td>
</tr>
<tr>
<td>Boyles, Phillips</td>
<td>116</td>
</tr>
<tr>
<td>Bray, Thomas</td>
<td>3, 212</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Breguet

Breguet, A. L.

Breguet, Neveu & Cie.

Bridgeman, Edward

Brock, John

Brockbank

Brown, John

Brown, Nathaniel

Brown, of Maidstone

Brunot, Edme

Buckland, Henry

Buckland, Thomas

Buckney, Daniel

Burgi

Buschman, Hans

Buschman, John

Butterfield

C

Cameel, Caspar G.

Cameler, Peter

Campani

Charlestrom, William

Charmy, Pierre

Chateau

Cleghorn, Samuel

Clement, William

Cluer, Jesse

Cluer, Obadiah

Coates, Archibald

Cole, James Ferguson

Cole, Thomas

Comber, Richard

Cotton, John

Coulin

Cowling, Johnson

Cox, James

Crouette, Arthur

Crouette, Mathieu

Csury, Ferens

Cumming, Alexander

Cummings

Curzon, Charles

D

Dammant, Barnaby

Dancer, John B.

Deacon, Samuel

Deane, George

De Baufre

Decool

Delander, Daniel

Dennison, E. J.

Dent,

Dent, E. J. 243, 247

Dent and Arnold

Ditman, Martin

Ditisheim, Paul
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Dondi  135, 371
Drocourt, Alfred  77
Dubois, W.  138
Ducommun, David  138
Ducommun, Francois  138
Ducommun, Pierre  138
Dupont  53
Dutchbourne, Allan  116
Dutton, Matthew  242, 275
Dutton, William  388

E
Earnshaw  115, 149
Earnshaw, Thomas  111, 275, 378
East, Edward  246, 249
Ellicott  335, 336
Ellicott, Edward  275
Ellicott John  49, 179, 186, 273, 275, 276
Elliot, Thomas  116
Ellis, Henry  116
Emanuel, Harry  331
Emmett, Thomas  335

F
Fearnley, Peter  14
Ferguson, James  241
Finch, Thomas  312
Finer and Nowland  152
Fobis, Pierre de  135
Forasini  135
Fouldes, Andrew  275
Foulkes, Gabriel  117
Franklin, Benjamin  273
Freeman, James  179
Frisius, Gemma  51, 83
Frosham, Charles  66, 217, 239, 361
Fromanteel  202
Fromanteel and Clarke  164

G
Gaborsky, Johan  174
Garnier, Paul  78
Glover, John  89
Goode, Charles  324
Goudron  179
Gout, Ralph  275
Graham  246
Graham, George  70, 217, 246, 250, 323, 340
Graham, William  217
Grant, John  200
Green, William Thomas  116
Gregg, Francis  49, 273
Gretton, Charles  33, 40, 375
Grinkin, Robert  24
Guillaume, Professor  247

H
Habrecht, Isaac  56
Hainz, Ludwig  175
Halleicher, Johan Otto  178
Hallycher, Mattheus  180
<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammersly</td>
<td>247^{V4}</td>
</tr>
<tr>
<td>Hanet, John and George</td>
<td>198^{V4}</td>
</tr>
<tr>
<td>Hans, of Prague</td>
<td>174^{V4}</td>
</tr>
<tr>
<td>Harlow, Samuel B.</td>
<td>240^{V4}</td>
</tr>
<tr>
<td>Harmsworth, John</td>
<td>314, 346^{V4}</td>
</tr>
<tr>
<td>Harper, Henry</td>
<td>304, 305^{V4}</td>
</tr>
<tr>
<td>Harris, John</td>
<td>116^{V4}</td>
</tr>
<tr>
<td>Harris, Thomas</td>
<td>214^{V4}</td>
</tr>
<tr>
<td>Harrison, John</td>
<td>81, 110, 246, 371^{V4}</td>
</tr>
<tr>
<td>Harrison, William</td>
<td>82^{V4}</td>
</tr>
<tr>
<td>Haughton, James</td>
<td>122^{V4}</td>
</tr>
<tr>
<td>Hawting, John</td>
<td>273^{V4}</td>
</tr>
<tr>
<td>Hedge, Nathaniel</td>
<td>13^{V4}</td>
</tr>
<tr>
<td>Heelley, Benjamin</td>
<td>116^{V4}</td>
</tr>
<tr>
<td>Henlein, Peter</td>
<td>246^{V4}</td>
</tr>
<tr>
<td>Hessen, André</td>
<td>170^{V4}</td>
</tr>
<tr>
<td>Holloway William</td>
<td>8^{V4}</td>
</tr>
<tr>
<td>Holub, Hans</td>
<td>175^{V4}</td>
</tr>
<tr>
<td>Hopkins, Henry</td>
<td>116^{V4}</td>
</tr>
<tr>
<td>Home (Casemaker)</td>
<td>18^{V4}</td>
</tr>
<tr>
<td>Howells, William</td>
<td>173^{V4}</td>
</tr>
<tr>
<td>Hudleston, Lawson</td>
<td>16^{V4}</td>
</tr>
<tr>
<td>Hunt and Roskell</td>
<td>285^{V4}</td>
</tr>
<tr>
<td>Hunter, John</td>
<td>116^{V4}</td>
</tr>
<tr>
<td>Hunter, Thomas</td>
<td>34^{V4}</td>
</tr>
<tr>
<td>Huygens, Christiaan</td>
<td>84^{V4}</td>
</tr>
<tr>
<td>Hyne, Peter de</td>
<td>212^{V4}</td>
</tr>
<tr>
<td>Ilbery</td>
<td>178, 195^{V4}</td>
</tr>
<tr>
<td>Ippersiel, Fra</td>
<td>179^{V4}</td>
</tr>
<tr>
<td>Jacot, Henri</td>
<td>65, 78^{V4}</td>
</tr>
<tr>
<td>Jamison, George</td>
<td>313, 358^{V4}</td>
</tr>
<tr>
<td>Janvier, Antide</td>
<td>54, 138^{V4}</td>
</tr>
<tr>
<td>Japy, Frères</td>
<td>77^{V4}</td>
</tr>
<tr>
<td>Jaquet-Droz</td>
<td>137, 229^{V4}</td>
</tr>
<tr>
<td>Jarrett, Richard</td>
<td>375^{V4}</td>
</tr>
<tr>
<td>Jones, Henry</td>
<td>194, 217^{V4}</td>
</tr>
<tr>
<td>Joyce, John</td>
<td>274^{V4}</td>
</tr>
<tr>
<td>Kendall, Larkum</td>
<td>111, 371^{V4}</td>
</tr>
<tr>
<td>King</td>
<td>26^{V4}</td>
</tr>
<tr>
<td>Klein, P Joannes</td>
<td>175^{V4}</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>165, 205, 232, 233, 236, 238^{V4}</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>204-209, 217, 225, 232, 234-239, 248, 339, 362^{V4}</td>
</tr>
<tr>
<td>Knibb, Peter</td>
<td>205, 234^{V4}</td>
</tr>
<tr>
<td>Knibb, Samuel</td>
<td>178, 193, 202, 203, 204, 205, 323, 338^{V4}</td>
</tr>
<tr>
<td>Knottestford, William</td>
<td>375^{V4}</td>
</tr>
<tr>
<td>Kraus, Joseph</td>
<td>175, 339^{V4}</td>
</tr>
<tr>
<td>Kremer, Adam (Casemaker)</td>
<td>77^{V4}</td>
</tr>
<tr>
<td>Kullberg</td>
<td>247, 371^{V4}</td>
</tr>
<tr>
<td>L</td>
<td></td>
</tr>
<tr>
<td>Lagisse, Francois</td>
<td>180^{V4}</td>
</tr>
<tr>
<td>Lagville</td>
<td>138^{V4}</td>
</tr>
<tr>
<td>Landsherg, Hans</td>
<td>175^{V4}</td>
</tr>
<tr>
<td>Le Count, Daniel</td>
<td>375^{V4}</td>
</tr>
<tr>
<td>Lenton &amp; J. O.</td>
<td>217^{V4}</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Peto  115
Plantard, I.  136
Pluvier, Isaack  18
Poulson, William  116
Prest, Edward  46
Prest, Thomas  23, 46, 47, 89
Prior, Edward  199, 275
Prior, George  275
Pryor, Joseph  164
Puller, Jonathan  217
Q
Quare, Daniel  273, 323, 341, 365, 366, 378
R
Railton, Walter J.  116
Raingo  54
Raith, James  120
Recordon, Louis  275
Reinhold, Janus  136
Richard and Go.  79
Richard, Louis  138
Robert, Henri  186
Roberts, John  341
Robillard  378
Robin  138, 185
Roe, Richard  144
Rogers, A.  116
Rogers, Isaac  275
Roskell, William  243
S
Sarton  54
Savage, George  247
Scafe, William  49, 273
Schmid, Georg  229
Schwartz, Franzeskus  51
Schwarzpach, Christoph  174
Seale, Richard  116
Seddon, John  212
Shelton, John  274, 371
Shepley, Edward  9
Shole, Simeon  116
Skrivan, Daniel  174
Smeaton, John  250
Smith, John and Sons  244, 281
Soldano, M.  78, 285
Spring, John  57
Stanton  312
Stewart, A.  302, 303
Street, Richard  49, 273
T
Tantum, T.  311
Tarleton  229
Taylor  335
Taylor, John  12, 116, 123
Taylor, Thomas  338, 362
Thompson, John  116
Thwaites, Aynsworth  275
Thwaites, John  275, 276
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Tomlin, Edward 275V4
Tompion 217, 380V4
Tompion, Thomas 6, 224, 248, 256, 367, 375V4
Tompion and Banger 380V4
Tregent, James 159, 275V4
Tremble 269V4
Trubshaw, John 93, 123V4
Tudge, Thomas 380V4
Tyhuizen, Dirk 136V4
U
Upjohn Family 252V4
V
Van Blade, Laurens 375V4
Vaucanson, Jacques de 334, 382V4
Viner 95V4
Viner and Co. 317V4
Viviani 135V4
Vulliamy 192, 263V4
Vulliamy, Benjamin 160, 243, 275V4
Vulliamy, Justin 275V4
W
Waddams, John 250V4
Walker, Joseph 252V4
Walker and Co. 11V4
Watson, Samuel 61V4
Webb, Benjamin 251V4
Webbe, Edward 59V4
Webster, William 191V4
Wegg, Nathaniel 116V4
Weston, Abraham 199V4
Whightwick, John 387V4
Whitehurst, George 240V4
Whitehurst, James 240V4
Whitehurst, John 240, 281V4
Wild, Abraham 144V4
Williams, John 89V4
Williamson, John 217V4
Wilson and Osborne 1V4
Windmills36, 217V4
Windmills, J. 350V4
Windmills and Elkins 277V4
Wrench, Edward 11, 12V4
Y
Young, C. 229V4
Young, Henry 357, 375V4
Young, James 116V4
Z
Zech, Jacob 246V4
Zoller, Ferenc 376V4
Cumulative Index for Antiquarian Horology Volumes 1 to 9
Compiled by Edward Powell @ AHS 2006

Officers of the

ANTiquarian HOrological SOciety

and

Members of the Council and Committees

September, 1965

President: THE RT. HON. THE LORD HARRIS
Vice-Presidents: F. H. KNOWLES BROWN, H. ALAN LLOYD
Chairman: T. P. CAMERER CUSS
Vice-Chairman: C. B. DROVER
Hon. Treasurer: B. G. DUMONT
Hon. Secretary: J. C. STEVENS
Hon. Membership Secretary: E. TRUNDELL
Hon. Minutes Secretary: Mrs. P. J. NASH

COUNCIL

CEcIL CLUTTON
PERCY G. DAWSON
Chairman, Publications Committee
R. K. FOULKES
CEDRIC JAGGER
Press Officer

Col. H. QUILl
T. O. ROBINSON
Editor, Antiquarian Horology
E. J. TYLER
Chairman, Library Committee
Dr. F. A. B. WARD,
Programme Secretary

Hon Solicitors:
Hon. Auditor:
P.R. Skinner, Esq., A.C.A., Campsie House, 14 Buckingham Road,
Shoreham-by-Sea, Sussex

Publications Committee

Chairman, PERCY G. DAWSON
T. O. ROBINSON, Editor, Antiquarian Horology
R. J. LAW, Technical Editor
C. B. DROVER, Secretary
Dr. C. F. C. BEESON
R. K. FOULKES
B. L. HURST

Library Committee

E. J. TYLER, Chairman & Curator
E. F. BUNT
J. L. CHARLTON
B. HUTCHINSON
J. R. SPARROW
INDEX TO VOLUME FIVE
(DECEMBER 1965 TO SEPTEMBER 1968)

Compiled by C. F. C. Beeson

<table>
<thead>
<tr>
<th>General Index (omitting makers)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Index of Makers</td>
<td>481</td>
</tr>
<tr>
<td>List of Officers, Council and Committees</td>
<td>484</td>
</tr>
</tbody>
</table>

PAGINATION OF THE JOURNAL

<table>
<thead>
<tr>
<th>Issue Number</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>December, 1965</td>
<td>1-36</td>
</tr>
<tr>
<td>TWO</td>
<td>March, 1966</td>
<td>37-68</td>
</tr>
<tr>
<td>THREE</td>
<td>June, 1966</td>
<td>69-108</td>
</tr>
<tr>
<td>FOUR</td>
<td>September, 1966</td>
<td>109-144</td>
</tr>
<tr>
<td>FIVE</td>
<td>December, 1966</td>
<td>145-184</td>
</tr>
<tr>
<td>SIX</td>
<td>March, 1967</td>
<td>185-216</td>
</tr>
<tr>
<td>SEVEN</td>
<td>June, 1967</td>
<td>217-256</td>
</tr>
<tr>
<td>EIGHT</td>
<td>September, 1967</td>
<td>257-296</td>
</tr>
<tr>
<td>NINE</td>
<td>December, 1967</td>
<td>297-336</td>
</tr>
<tr>
<td>TEN</td>
<td>March, 1968</td>
<td>337-384</td>
</tr>
<tr>
<td>ELEVEN</td>
<td>June, 1968</td>
<td>385-428</td>
</tr>
<tr>
<td>TWELVE</td>
<td>September, 1968</td>
<td>429-472</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>473-484</td>
</tr>
</tbody>
</table>
A
Advertisements (18th century) 173, 199
Aked, Charles. Oil for chronometers 454
Alarm clock 297
Allix, Charles 136
   Fusee winding both ways (letter) 136
   Ignatius Huggeford (letter) 287
   John Joseph Merlin, A forgotten artist 217, 228
   Watches by George Graham (letter) 136
American clocks and clockmaking 207
Arnold and Son, John (letter) by R. Vaudrey Mercer 28
Arnold, John, A chapter in the life of, by Vaudrey Mercer 116
Arnold regulators (letter) by R. Vaudrey Mercer 174
"Arnold's specification, Mr. John" by C.C. 125
Arnolds and Bellings of Bodmin in Cornwall, Fact and speculation, by H. Miles Brown 200
Astronomical clock, An, (letter) by H. Bertele 176
Astronomical clock, Lyons, by Whitehurst John 169
Astronomical clock of Su Sung 414
Auction sale of Larcum Kendall's Workshop 1790 by G. L'E. Turner 269
Austin, John, Clock by Mondehare (letter) 288
Aylesbury clocks (letter) by J. R. Millburn 135
Aylward de Guilford (letter) by L. K. Sharp 464
Baker, S. M., A clock by Thomas Bulman 429, 450
Baker, S. M., Unusual Carriage Clock (letter) 63
Barker, David, Clock by Richard Penney (letter) 422
Balloon Clock by
   Chater, Richard 150
   Cording, John 152
   Dwerrihouse 139
Barraud, E. M., A Chinese Clock (letter) 328
Bartlett, R. J., Thomas Pare Londini Fecit (letter) 287
Bass, Paul, Watch keys for export (letter) 175
Beeson, C. F. C 150
   A six-hour dial watch 69, 89
   English Turret Clocks (letter) 375
   Sandglass in cloth of gold 385, 417
   The central count wheel 204
   The Clocks of Peterborough Cathedral 17
   Turret Clocks: A.H.S. Tour 257, 266
Bell, G. H., The upside down regulator 37, 44
Bellchambers, J. K 375
   French Antiquarian Horological Society (letter) 375
   Unrecorded makers (letter) 209
Bells and bell founding by Douglas Hughes 233
Bertele, H., An astronomical clock (letter) 176
Best, H. G., The Fromanteel family (letter) 62
B.H.I. Meeting at Ipswich 240
Bilsborrow, William (letter) by R. M. Fitzmaurice 421
Bird, Anthony 127
   An impossible clock 127
   Clock with silent escapement (letter) 136
   The "Queen Caroline" lever watch (letter) 133
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Birmingham clock dial makers, The, by C. A. Osborne 94
Bishop Cumberland (letter), by John R. Millburn 327
Blois clock and watchmakers (letter) by Pierre Degon 29
Book reviews, see Reviews
Bracket clock by

Baldewein
Barrad
Blaycock, John
Boulton, Matthew
Bulman, Thomas
Catherwood, Joseph
Cattell, Thomas
Clowes, John
Coster, Salomon
Cox, James
Creak, William
Ellicott, John
Favre, Henry
Frodsham, Charles
Garon, Peter
Gordon, John
Gray, Benjamin
Grimalde & Johnson
Herbert, Thomas
Lister, Benjamin
Loddington
Lowndes, Jonathan
Lowndes, Charles
McCabe, James
Mudge, Thomas
Mudge, T. & Sutton, W.
Niedermayr, Johann Ch.
Oosterwyck, Severyn
Quare, Daniel
Rimbault, Stephen
Robinson, Francis
Sewell, George
Sly, Richard
Snelling, John
Taylor, John
Ulrich & Co.
van Ceulen, J.
Vishach, Peter
Webster, William
Wild, James
Witherston, John
Wright, Thomas

Brass in early clockwork (letter), by R. Mc. V. Weston 61
Breguet by weight (letter) by T. P. Camerer Cuss 61, 101
Brief chronological history of Seth Thomas 463
British Museum's recent acquisitions 323
Brocklehurst, C. & Son, Theft of watches from Sotheby & Co. (letter) 100
Brocot, Achille (letter) by R. McV. Weston 29
Brown, H. Miles, The Arnolds and Bellings of Bodmin in Cornwall, Fact and speculation 200
Brusa, Giuseppe (letter), The Savage two pin lever escapement 176
Brusa, Giuseppe and Allix, Charles, The fusée renversée or the invention of a "Monsieur Le Roy" 408

C
Calendar clock by

- Cockey, Edward 39
- Finney 192
- Shaw, W. C. 220

Carriage clock by

- Anon 40, 63, 106, 139
- Drocourt, Alfred 253
- Guye, P. & A. 32
- Hart, N. & Sons 108
- McCabe, James 147

Central count wheel, The by C. F. C. Beeson 204
(letter) by J. H. Leopold 247
(letter) by E. J. Tyler 248

Charles Nicholson Brighton (letter) by W. V. Hancock 421

Chinese clock, A (letter), by E. M. Barraud 328
Chinese musical clock, A, by T. P. C. Cuss 278

Chinese sexagenary calendar-cycles (letter) by John H. Combridge 134

Christmas, L. E.

Watch by French 447
Watch by Parkinson and Frodsham 374

Cliborne, A. F., The fusee (letter) 101

Clock by Thomas Bulman, A., by S. M. Baker 429, 459
Clock by Ganeron (letter) by B. D. Denton 247
Clock by Harben, Lewes (letter), by L. R. S. Moncton 28
Clock by Harben (letter) by D. E. Rundle 64
Clock by Harben (letter) by Anthony Whitting 64
Clock by Mondehare (letter), by John Austin 288

Clock at Nether Winchendon Church by W. H. Jennings 443
Clock by Richard Penny (letter) by David Barker 422
Clock by Thomas Swinnerton (letter), by Frances J. Menez 465

Clock, An impossible, by Anthony Bird 127
Clock, An impossible (letter), by L. S. Northcote 174
Clock, A queer (letter), by Gerry Planus 137
Clock with silent escapement (letter), by J. M. Neilson 98
Clock with silent escapement (letter), by Anthony Bird 136
Cocks of Peterborough Cathedral, The, by C. F. C. Beeson 17
Clocks in East Anglia 88
Clocks at Epsom 2
Clocks of Greenwich Observatory, The 376, 422a
Clocks at Winchester 123
Clocks and watches in Northamptonshire 88

Clocks seen on the French tours by B. E. J. Trundell and F. A. B. Ward 10

Clockmakers of Pforzheim by Werner Weber 27
Clockmakers, The Worshipful Company of, 283
Clock and watchmakers of Blois 322
Clock watch by Quare, A., by A. G. Randall 86

Clocks, see also under
- Alarm
- Astronomical

Clocks, see also under (cont)
- Bracket
- Calendar
- Carriage
- Coach
### Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

**Equation**
- Journeyman
- Lantern
- Longcase
- Longitude
- Night
- Regulator
- Rolling ball
- Skeleton
- Turret
- Urn

**Clutton, Cecil**
- Le Roy and the lever escapement Some new evidence? 53
- Le Roy and "La petite ronde" (letter) 135
- A rare Lepine watch 242
- Mudge and the lever escapement (letter) 464

**Coach clock by Joseph Kerber, A,**
- 206

**Collections**
- de Groot, T. G. 311
- Lord Harris 281
- Vehmeyer 310
- Cuss, T. P. C. 457
- Drover, C. B. 457
- Wellington, Duke of 461

**Combridge, John H. (letter), Chinese sexagenary calendar-cycles** 134

**Connecticut clocks** 246

**Constant force clock with grande-sonnerie striking by W. Pinder** 315

**Continental tour, 1967**
- 123, 168, 197

**Country clockmakers (letter), by P. A. Hewitt**
- 210

**Country clockmakers (letter) by F. W. Hutton-Stott**
- 247

**Country clockmakers and unrecorded makers (letter), P. A. Hewitt**
- 421

**Crisford, A. C. H., An epicyclic. set-hands mechanism** 452

**Cummins, T. H. (letter), Superstition in the Dales**
- 210

**Cusins family, The (letter), by Linsay Sworden**
- 175

**Cuss. T. P. Camerer**
- The annual report 1967 (letter) 376
- Breguet by weight (letter) 61
- Le Roy and the lever escapement (letter) 99
- Mudge's lever escapement (letter) 420
- Pioneers of Precision Timekeeping (letter) 28
- Sigismund Rentzsch 164

**D**

**Dames-Longworth, Edward (letter), George Paul Todé London** 209

**Daniels, George**
- Hand-made watches and other matters (letter) 175
- Modern watch-making (letter) 98
- Mudge's lever escapement 396
- Mudge's lever escapement (letter) 420

**Danish tour, 1969, proposed,**

**Dawson, T. C., Modern watchmaking**
- 62, 136

**de Groot, T. G., Johannes Reynolds de Barnstaple (letter)**
- 327

**Denton. E. D., Clock by Goneron**
- 247

**Dickins hall clock, The (letter) by J. Greaves**
- 99

**Digon, Pierre (letter), Blois clock and watchmakers (letter)**
- 29

**Dondi 1318-1389 and Leonardo 1452-1519 by H. Alan Lloyd** 282

**Druery, A. H., and Beeson, C. F. C., The 16th century clock at Sydling St. Nicholas, Dorset** 194
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Drury family, The (letter), by W. J. Sturdy 29Vs
Dutch clock and watchmakers 20Vs
Dutton equation clock, A, by J. H. F. Wadsworth 440Vs
Early striking work 168Vs
Early watchmaking in Lancashire 462Vs
Early watch by Tompion (letter), by Meyrick Nelson 288Vs
Edwardes. Ernest L. (letter) Weight driven chamber clocks of the Middle Ages and Renaissance 27Vs
English Gothic chamber clock, An, by George Foster 318Vs
English turret clocks (letter), by C. F. C. Beeson 375Vs
Epicyclic set hands mechanism by A. C. H. Crisford 452Vs
Equation clockVs
by Graham 133Vs
by Sutton 440Vs
Escapements, ClockVs
constant force 315Vs
duplex 472Vs
Pendleton dead beat 405Vs
silent 136Vs
Escapements, WatchVs
chronometer 116, 126, 272Vs
lever, see Leroy, MudgeVs
lever Breguet 407Vs
Savage two-pin 135Vs
spring-detent 447Vs
Exporting tower clocks 57Vs
Extraordinary clock, An (letter). by C. Spierdijk 28Vs
Field day at Leicester, A 453Vs
Fitzmaurice, R. M. (letter). William Bilsborrow 421Vs
Flood damage in Florence 163Vs
For your further reading 56, 58, 88, 132, 173, 205, 244, 279, 372, 453, 461Vs
Foster. George Vs
The Savage two-pin lever escapement (letter) 135Vs
James Sweetman Eiffe 1800-1880 284Vs
An English Gothic chamber clock 318Vs
French Antiquarian Horological Society 277Vs
French Antiquarian Horological Society (letter) by J. K. Bellchambers 375Vs
Fromanteel family, TheVs
(letter) by H. G. Best 62Vs
(letter) by J. H. Leopold 100Vs
(letter) by E. Morpurgo 100Vs
(letter) by W. F. J. Hana 100Vs
Fusee, The (letter), by A. F. Cliborne 101Vs
Fusee winding both ways (letter), by Charles Allix 136Vs
Fusee renversée, The, or the invention of a Monsieur Le Roy, by Giuseppe Brusa and Charles Allix 408Vs
Fusee chain making 197Vs

G
Gazeley, William John 276Vs
Gillows clock cases by Nicholas Goodison 348Vs
Goodison, NicholasVs
(letter) Whitehurst Derby 248Vs
(letter) Lancaster clocks 328Vs
Gillows clock cases 348Vs
Greaves, J. (letter), The Dickens hall clock 99Vs
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hancock, W. M.</td>
<td>V5</td>
</tr>
<tr>
<td>(letter) Tobias Tobias</td>
<td>135V5</td>
</tr>
<tr>
<td>(letter) Charles Nicholson</td>
<td>421V5</td>
</tr>
<tr>
<td>Brighton</td>
<td></td>
</tr>
<tr>
<td>Handmade watches and other</td>
<td></td>
</tr>
<tr>
<td>matters (letter) by George</td>
<td></td>
</tr>
<tr>
<td>Daniels</td>
<td>175V5</td>
</tr>
<tr>
<td>Hana, W. F. J. (letter)</td>
<td></td>
</tr>
<tr>
<td>The Fromanteel family</td>
<td>100V5</td>
</tr>
<tr>
<td>Harrison, John - His rivals</td>
<td></td>
</tr>
<tr>
<td>and imitators by H. Quill</td>
<td>362V5</td>
</tr>
<tr>
<td>Haswell, James Eric</td>
<td>314V5</td>
</tr>
<tr>
<td>Heinrich, Otto 1875-1966</td>
<td>96V5</td>
</tr>
<tr>
<td>Hendry, J. W. (letter)</td>
<td></td>
</tr>
<tr>
<td>Provincial makers</td>
<td>464V5</td>
</tr>
<tr>
<td>Henricus Jones Londini</td>
<td></td>
</tr>
<tr>
<td>(letter), by E. Trundell</td>
<td>287V5</td>
</tr>
<tr>
<td>Hewitt, R. A.</td>
<td>V5</td>
</tr>
<tr>
<td>(letter) Country clockmakers</td>
<td></td>
</tr>
<tr>
<td>(letter) Country clockmakers</td>
<td></td>
</tr>
<tr>
<td>and unrecorded makers</td>
<td></td>
</tr>
<tr>
<td>History of repeating watches, A, by Francis Wadsworth</td>
<td>24, 48, 90V5</td>
</tr>
<tr>
<td>Horologiana by C. A. Osborne</td>
<td>60V5</td>
</tr>
<tr>
<td>Horological tools</td>
<td>143V5</td>
</tr>
<tr>
<td>Horology in provincial and</td>
<td></td>
</tr>
<tr>
<td>rural museums by John C.</td>
<td></td>
</tr>
<tr>
<td>Stevens</td>
<td>280V5</td>
</tr>
<tr>
<td>Howse, H. D.</td>
<td>V5</td>
</tr>
<tr>
<td>(letter) Greenwich Observatory clocks</td>
<td>174V5</td>
</tr>
<tr>
<td>The regulator clocks of the</td>
<td></td>
</tr>
<tr>
<td>Royal Observatory Greenwich</td>
<td></td>
</tr>
<tr>
<td>(chart) 422a V5</td>
<td></td>
</tr>
<tr>
<td>Huber-Mudge timepiece, The</td>
<td></td>
</tr>
<tr>
<td>(letter) by H. Lanz 2</td>
<td>8V5</td>
</tr>
<tr>
<td>Hughes, Douglas. Bells and</td>
<td></td>
</tr>
<tr>
<td>bell founding</td>
<td>233V5</td>
</tr>
<tr>
<td>Hughes, K. R. (letter)</td>
<td></td>
</tr>
<tr>
<td>Time-keeping of verge watches</td>
<td>248V5</td>
</tr>
<tr>
<td>Hunter planting (letter)</td>
<td></td>
</tr>
<tr>
<td>by H. M. Malies</td>
<td>209V5</td>
</tr>
<tr>
<td>Hutton-Stott, F. W. (letter)</td>
<td></td>
</tr>
<tr>
<td>Country clockmakers</td>
<td></td>
</tr>
<tr>
<td>247V5</td>
<td></td>
</tr>
<tr>
<td>Ignatius Huggeford (letter)</td>
<td></td>
</tr>
<tr>
<td>by Charles Allix</td>
<td>287V5</td>
</tr>
<tr>
<td>Jackson, Thomas, The</td>
<td></td>
</tr>
<tr>
<td>clockmaker</td>
<td>455V5</td>
</tr>
<tr>
<td>Jagger, Cedric, Robin's</td>
<td></td>
</tr>
<tr>
<td>revolutionary lever watch</td>
<td>21V5</td>
</tr>
<tr>
<td>No. 3</td>
<td></td>
</tr>
<tr>
<td>James Sweetman Eiffe 1800-</td>
<td></td>
</tr>
<tr>
<td>1880 by George Foster</td>
<td>284, 286V5</td>
</tr>
<tr>
<td>Japanese clock, A</td>
<td></td>
</tr>
<tr>
<td>transitional, by T.O.R.</td>
<td>97V5</td>
</tr>
<tr>
<td>Jennings, W. H., The clock</td>
<td></td>
</tr>
<tr>
<td>at Nether Wichenden Church</td>
<td>443V5</td>
</tr>
<tr>
<td>Johannes Reynolds de Barnstaple</td>
<td></td>
</tr>
<tr>
<td>(letter) by T. G. de Groot</td>
<td>327V5</td>
</tr>
<tr>
<td>(letter) by George Calver</td>
<td>376V5</td>
</tr>
<tr>
<td>Johnson, Doctor Samuel, An</td>
<td></td>
</tr>
<tr>
<td>historical gleaning by</td>
<td></td>
</tr>
<tr>
<td>Rudolph Meyer</td>
<td>132V5</td>
</tr>
<tr>
<td>Kibb, Joseph, A clock by</td>
<td>185, 203V5</td>
</tr>
<tr>
<td>Knowles-Brown, Mr. F. H.</td>
<td>57V5</td>
</tr>
<tr>
<td>Krietzer, Konrad, A</td>
<td>131V5</td>
</tr>
<tr>
<td>document about, by E. Morpurgo</td>
<td></td>
</tr>
<tr>
<td>Lancaster clocks (letter),</td>
<td></td>
</tr>
<tr>
<td>by N. P. Goodison</td>
<td>328V5</td>
</tr>
<tr>
<td>Lantern clock by</td>
<td></td>
</tr>
<tr>
<td>Robert Fenn</td>
<td>67V5</td>
</tr>
<tr>
<td>T. Swinnerton</td>
<td>465V5</td>
</tr>
<tr>
<td>Lanz, H. (letter), The</td>
<td></td>
</tr>
<tr>
<td>Huber-Mudge Timepiece</td>
<td>28V5</td>
</tr>
<tr>
<td>Leopold, J. H.</td>
<td>V5</td>
</tr>
<tr>
<td>(letter) The Fromanteel</td>
<td></td>
</tr>
<tr>
<td>family</td>
<td>100V5</td>
</tr>
<tr>
<td>(letter) The central count</td>
<td></td>
</tr>
<tr>
<td>wheel</td>
<td>247V5</td>
</tr>
<tr>
<td>Lepine watch, A rare, by</td>
<td>242V5</td>
</tr>
<tr>
<td>Cecil Clutton</td>
<td></td>
</tr>
<tr>
<td>Le Roy and the lever</td>
<td></td>
</tr>
<tr>
<td>escapement. Some new</td>
<td></td>
</tr>
<tr>
<td>evidence? by Cecil Clutton</td>
<td>53V5</td>
</tr>
</tbody>
</table>

"Grotto, The", the long lost automata by Jaquet Droz, by Diane Perrot 170V5
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Le Roy and the lever escapement (letter) by T. P. Camerer Cuss 99
Le Roy and "La Petite Ronde" (letter) by Cecil Clutton 135
Library 47, 85, 133
Lloyd, H. Alan, Dondi 1318-1389 and Leonardo 1452-1519 282
Longcase clock by
Debois & Wheeler 336
Delander, Daniel 256
East, Edward 306
Ebsworth, John 222
Etherington 216
Fromanteel, Ahasuerus 222, 390
Gould, Christopher 390
Harrington, John 296
Harrison, James 365
Hermelink, Jan 310
Knibb, Joseph 185, 203
Lowndes, Jonathan 394
Mudge & Dutton 435
Penny, Richard 422
Sutton, Robert 365-7
van Spichet, F 310
Veitch, William 301
Vulliamy, Justin 428
Wilson, George 384
see also Regulator

Longitude clock by
Berthoud, Ferdinand 363
Jefferys, John 364
Harrison, James 365
Le Roy, Pierre 362
Lovelace clock, The Exeter, by Alan Smith 78
Lovelace clock, The, by Alan Smith 447
Luigi Coli 52
Lunar society exhibition at Birmingham The M
Mairet, Sylvain, by Philip Mairet 55, 101
Mailes, H. M. (letter) Modern Watchmaking 29, 48
(letter) Hunter planting 209
Mayer, Rudolph, Doctor Samuel Johnson. An historical gleaning 132
McCallum, N. M. R. (letter) Stolen clock 209
McFie, J. I. (letter), A plea for help 465
Mechanical Universe, The astrarium or the planetarium by E. Morpurgo 241
Meetings 16, 47, 54, 88, 92, 123, 130, 168, 197, 314, 370, 373-4, 376, 419, 456-7
Membership 26, 52, 85, 130, 153, 172, 449
Menez, Francis J. (letter) Clock by Thomas Swinnerton 465
Mercer, R. Vaudrey (letter), John Arnold & Son 28
A chapter in the life of John Arnold 116
(letter) Arnold regulators 174
Merlin, John Joseph, A forgotten artist by Charles Allix 218, 228
Miles, R. H. A., Watches. The A.H.S. Continental Tour 1967 368
Millburn, J. R. (letter) Aylesbury clocks 135
(letter) Bishop Cumberland 327
Modern watchmaking (letter) by H. M. Mailes 29, 98
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

(letter) by T. C. Dawson 62, 136
(letter) by George Daniels 98
Moncton, L. R. S. (letter) Clock by Harben Lewes 28
Moore, Robert A. (letter) Publicising Membership 248
More medieval horology (lecture) 47
Morpurgo, E. (letter) The Fromanteel family 100
A document about Konrad Kreizer 131
The Mechanical Universe, The astrarium or the planetarium 241
Mudge's lever escapement by George Daniels 396
(letter) by T. P. C. Cuss 420
(letter) by George Daniels 420
Mudge and the lever escapement (letter) by Cecil Clutton 464
Museums

Amsterdam. Rijks 309, 368
Avignon, Calvet 12
Baslé, Kirschgarten 11
Besançon 11
Birmingham, Art Gallery 132
British 323
Brussels, Art et Histoire 313
Cinquantenaire 311
Haarlem, Frans Hals 309
Kassel, Hessisches Landes 266, 312, 369
Leicester 314, 419, 453
Leiden, Royal History of Science 308,368
Liverpool, City 78
Paris. Arts Decoratifs 14
Conservatoire des Arts et Metiers 14
Louvre 14
Petit Palais 14
Rotterdam, Historical 309, 368
Sypesteyn, Kasteel 309
Toulouse, Paul Dupuy 12
Utrecht 266
Wuppertal 266, 312, 368

Musical boxes 92
Musical Box Society of Great Britain 197
Musical clock, polyphon 114
Mystery clocks (letter) by Charles Terwilliger 62
(letter) by J. H. F. Wadsworth 288

N
Neilson, J. Meyrick 98
(letter) Clock with silent escapement
(letter) Early watch by Tompion 288
New members, see Membership
Newell, Arthur F. (letter) Stolen bracket clock 375
Nicholson, Charles Brighton (letter) by E. J. Tyler 466
(letter) by W. U. Hancock 421
Night clock 420
Nobleman's accounts, A, 198
Northcote, L. S. (letter) An impossible clock 174
Longcase clock by Justin Vulliamy c. 1770 448
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Oil for chronometers, by Charles K. Aked 454
Osborne, C. A. 60
Horologiana 94
The Birmingham clock dial makers

P
Parkinson & Frodsham, Watch by, L. E. Christmas 374
Perrot, Diane, The Grotto, the long lost automata by Jaquet-Droz 170
Philip Paul, Chichester (letter) by P. J. Smart 328
Planus, Gerry (letter), A queer clock 137
Plea for help, A (letter) by J. I. McFie 465
Picture clock 7
Pinder, W., A constant force clock with grande-sonnerie striking 315
Pioneers of precision timekeeping (letter) by T. P. Camerer Cuss 28
Perpetuelle watches 35, 140, 181
Prestige Horological Collection, The S.E. 93
Programme
Winter, 1966 23
Summer, 1966 59
Summer-Autumn, 1966 95
Autumn-Winter, 1966-7 131, 168
Winter-Spring, 1967 173
Spring-Summer, 1967 207, 245
Autumn-Winter, 1967-8 281
Summer, 1968 373
1968 325
Summer-Autumn, 1968 415
Autumn-Winter, 1968-69 463
Provincial makers (1etter) by J. W. Hendry 464
Publicising membership (letter) by Robert A. Moore 248
Publicising membership (letter) by E. Lloyd Thomas 287

Q
Queen Caroline lever watch, The (letter), by Anthony Bird 133
Quill, H., John Harrison -- His rivals and imitators 362

R
Randall, A. G., A clock watch by Quare 86
Regulator clock by Anon 37, 44
Borrell, M. J. 472
Gibson, Robert 133, 152, 174
Janvier, Antide 1, 5, 6
Jefferys, John 364
Le Paute 16
Regulator clocks of the Royal Observatory, Greenwich, by H. D. Howse 422
Rentzsch, Sigismund, by T. P. Camerer Cuss 164
Repeating watches 24, 48, 90
Reviews, Book
Alt Bergische Uhren by Juergen Abeler 462
Antique Uhren. Neue Uhrmacher Zeitung 205
Barraud The story of a family by E. M. Barraud 374
Paul Philip Barraud. A study of a fine chronometer maker and of his relatives, associates and successors in the family business 1750-1929 by Cedric Jagger 457
The Borghesi astronomical clock by Silvio A. Bedini 96
Clockmaking in Oxfordshire 1400-1850, by C. F. C. Beeson, 2nd ed. 321
Clocks and culture 1300-1700 by Carlo M. Cipolla 245
Clocks and watches 1400-1900 by Eric Bruton 456
Clocks and watches of New Jersey by William E. Drost 275
Clocks in the British Museum by Hugh Tait 412
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

The Country Life book of watches by T. P. Camerer Cuss 322V5
The Country Life book of clocks by Edward T. Joy 415V5
Collecting musical boxes and how to repair them, by Arthur W. G. Ord-Hume 418V5
English and American watches by George Daniels 277V5
Die Franzosiches Pendule des 18 Jahrhunderts. Ein Betrag zu ihrer Ikonologie by Klaus Maurice 324V5
A guide to Irish antiques and antique dealers, 1967 321V5
John Harrison. The man who found longitude by Humphrey Quill 208V5
Investing in clocks and watches by P. W. Cumhaill 326V5
The longcase clock by Eric Bruton 322V5
Mechanical Universe by S. A. Bedini and F. R. Maddison 208V5
Precious watches from the XIV to the XIX centuries by Enrico Morpurgo 26V5
Restoration of wooden movements and cases by J. V. Darnall 413V5
Schriften der Freunde Alter Uhren, v 1965, and vi 1966 95, 245V5
Science and civilisation in China, IV 2, Mechanical Engineering 1965, by Joseph Needham (and Wang Ling) 129V5
Somerset clockmakers by J. K. Bellchambers 416V5
A treasury of American clocks by Brooks Palmer 411V5
The voices of time by J. T. Fraser 172V5
Robin's revolutionary lever watch No. 3 by Cedric Jagger 81V5
Rolling ball clock by Martin Gerd 313V5
Royer-Collard, F. B. (letter) Skeleton clocks 62, 328V5
Rundle, D. E. (letter) Clock by Harben Lewes 64V5
Una reliquia: L’orologio di S. Luigi Gonzaza, by E. Morpurgo 58V5

S
Sandglass in cloth of gold by C. F. C. Beeson 385, 417V5
Sandglasses 95V5
Savage two pin lever escapement, The (letter) by George Foster 135V5
(letter) by Guiseppe Brusa 176V5
Six-hour dial watch by C. F. C. Beeson 69, 89V5
Skeleton clocks (letter) by F. B. Royer-Collard 62, 328V5
Skeleton clock 148V5
Skeleton Clock by Merlin 217, 229V5
Smart, P. J. (letter) Philip Paull, Chichester 328V5
Smith, Alan V5
The Exeter Lovelace clock 78V5
The Lovelace clock 447V5
Smith, J. F (letter) Unusual longcase movement 419V5
Spierdijk, C. (letter) An extraordinary clock 28V5
St, George’s Church, Esher, The clock of by E. J. Tyler 154V5
Stevens, J. C., Horology in provincial and rural museums 280V5
Stevenson of Congleton (letter) by W. M. Hancock 466V5
Stolen bracket clock (letter) by Arthur F. Newell 375V5
Stolen chronometer 321V5
Stolen clock (letter) by N. M. R. McCallum 210V5
Stolen clocks 27, 29, 36, 376, 455V5
Stolen French clock 279V5
Stolen property 232V5
Stolen watches 243, 244, 277V5
Stratfield House visit 461V5
Sturdy, W. J. (letter) The Drury family 29V5
Sundial, A 14th century portable by F. A. B. Ward 109, 124V5
Sundials 109, 124, 125V5
Superstition in the Dales (letter) by Thomas H. Cummins 210V5
Sussex clocks and watches 173V5
T
Table clock by Naze 10
Table Clock. anon 324
Terwilliger, Charles (letter) Mystery clocks 62
Tidal clock by Antide Janvier 1
Time on show at Westminster Abbey 133
Time and the hour 458
Thomas, E. Lloyd (letter) Publicising membership 287
Thomas Pare, Londini fecit (letter) by R. J. Bartlett 287
Tobias Tobias (letter) by W. M. Hancock 135
Todé, George Paul, London (letter) by Edward Dames-Longworth 209
Torrens, Professor David S. 371
Trundell, E. E. J. (letter) Henricus Jones Londini 287
Trundell, E. E. J. and Ward, F. A. B. Clocks seen on the French tours 1965 10
Turner, G. L'E., The auction sale of Larcum Kendall's workshop 1790 269
Turret clocks. A.H.S. Tour by C. F. C. Beeson 257, 266
Turret clocks
Bere Regis 197
Cassiobury Park 204, 268
Church Hanborough 204
Claydon 197
Combe 204
Compton Wynyates 204
Creech St. Michael 197
Cuckfield 204
Dover Castle 204
Esher 154, 204, 268
Farthinghoe 204
Folkestone 268
Groombridge 248, 268
Hague, St. Jacob 204, 257, 266
Hanwell 204
Ipswich, St. Mary Elms 248
Kassel 268
Langford 204
Leiden 205
Turret clocks (cont)
Lewes 268
Lockinge 204
Moulsham Hall 198
Nether Wichendon 443
Niedersheim 268
Peterborough Cathedral 18
Porlock 197
Quickswood Farm 204, 268
Rauschenberg 268
Rouen 204
Rye 204
St. Omer 204
Salisbury 204
Sydling St. Nicholas 194
Thiméon 266
Tingewick 268
Tredington 204, 268
Wel 268
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

West Horndon 462
Wigginton 204
Winchester 204
Windsor Curfew Tower 244
Wognum 204

Tyler, E. T. 154
The clock of St. Georges Church, Esher 248
(letter) The central count wheel
(letter) Charles Nicholson Brighton 466

U
Unusual carriage clock (letter) by S. M. Baker 63
Unusual longcase movement (letter) by J. F. Smith 419
Unrecorded makers (letter) by J. K. Bellechambers 209
Upside-down regulator, The, by G. H. Bell 44

V
van Ommen, J. G. (letter) Watches by Knebel and Quare 288
Verge watches, Timekeeping of (letter) by K. R. Hughes 248
Visit of N.A.W.C.C. Party 26

Visits
Big Ben 57
Outstanding Summer 1967 281
Windsor 244
Stratfield House 461
Summer, May 457

Vulliamy, Justin, longcase clock by, c. 1770 by L. S. Northcote 443

W
Wadsworth, Francis 24, 48, 90
(letter) Mystery clocks 288
A Dutton equation clock 440

Ward, F. A. B. 129
Science and civilisation in China (review)
A 14th century portable sundial 109, 124
The A.H.S. Continental tour 1967 268

Ward, F. A. B. and Trundell, E. E. J. 10
Clocks seen on the French tours 1965 10
Clocks seen on the Continental tour 1967 308

Watch by French (letter) by L. E. Christmas 447
Watch keys for export (letter) by Paul Bass 175
Watchmaking in Holland 209

Watches. The A.H.S. Continental tour 1967 by R. H. A. Miles 363
Watches by George Graham (letter) by Charles Allix 136
Watches by Knebel and Quare (letter) by J. G. Van Ommen 288
Watches stolen from The Hessishcs Landesmuseum, Kassel, Germany 58

Watches stolen 64

Watches, Theft of from Sotheby & Co. (letter) by C. Brocklehurst & Son 100
Watches by
Arnold, John 116
Boisson & Fils 66, 224
Breguet 104, 140, 181, 401, 407
Delander, Daniel 343
Dubois, William 261
Ellicott 396
Forster, David 99
French 447
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Fromanteel 369\textsuperscript{V5}
Goode, Charles 69, 89\textsuperscript{V5}
Gordon, Thomas 225\textsuperscript{V5}
Graham, George 136, 225\textsuperscript{V5}
Jefferys 337\textsuperscript{V5}
Johnson, Michael 225\textsuperscript{V5}
Kendall, Larcum 272\textsuperscript{V5}
Knebel 288\textsuperscript{V5}
Lepine, Jean Antoine 242\textsuperscript{V5}
Leroy, Julien 408\textsuperscript{V5}
Masterson, Richard 261\textsuperscript{V5}
Mudge, Thomas 396, 402\textsuperscript{V5}
Mudge & Dutton 224\textsuperscript{V5}
Parkinson & Frodsham 374\textsuperscript{V5}
Pennington, Pendleton, etc. 93\textsuperscript{V5}
Robin, Robert 21\textsuperscript{V5}
Tompion, Thomas 288\textsuperscript{V5}
Werner, Caspar 368\textsuperscript{V5}

Watches\textsuperscript{V5}
Astronomical 370\textsuperscript{V5}
Chronometer\textsuperscript{V5}
Arnold John 116\textsuperscript{V5}
Kendal, Larcum 272\textsuperscript{V5}
Eiffe, J. S. 285\textsuperscript{V5}
Jurgenson, Urban 321\textsuperscript{V5}
Double virgule 242\textsuperscript{V5}
Arnold 119, 122\textsuperscript{V5}
Harrison 119\textsuperscript{V5}
Repeating 24, 48, 90, 166\textsuperscript{V5}
Sector 224\textsuperscript{V5}
Six hour dial 69, 89\textsuperscript{V5}
Sun and moon 225\textsuperscript{V5}
Torbillon 294\textsuperscript{V5}

Weber, Werner, Clockmakers of Pforzheim 27\textsuperscript{V5}
Weight driven chamber clocks of the Middle Ages and Renaissance (letter) by Ernest Edwardes 27\textsuperscript{V5}
West Horndon clock 462\textsuperscript{V5}
Weston. R. McV.\textsuperscript{V5}
(letter) Achille Brocot 29\textsuperscript{V5}
(letter) Brass in early clockwork 61\textsuperscript{V5}
Wheel engine 75\textsuperscript{V5}
Whitty, A. (letter) Clock by Harben Lewes 64\textsuperscript{V5}
Whitehurst, Derby (letter) by Nicholas Goodison 248\textsuperscript{V5}
INDEX TO MAKERS

Heavy type indicates an illustration

A
Aitken, John 209
Andrews, Charles 304
Arnold, John 28, 92, 116, 125, 200, 368
Arnold, Richard 200
Arsenius 311
Asselm, Stephen 13
Aylward 464
B
Backhouse, James 328
Baker, William 94
Baldewen 311
Bandenburg, B. Jacob 244
Barber, Joseph 365
Barbezat-Baillot, Charles 90
Barlow 24
Barraud 259, 299
Batholomew, E. 247
Bartholomew, Josh 210, 247
Batkin, William 94
Bell, H. 328, 348
Bellard & Giraud 244
Berthaud, Ferdinand 362, 363, 368
Berthoud, Jean H. 13
Best 243
Bilsborrow, W. 421
Bingham, Charles 94
Birch, Samuel 100
Boisson & Fils 224
Borrell, M. J. 472
Boulton, Matthew 145
Bower, Peter 210
Boyce, Lawrence 196
Bradley, Langley 198
Breguet 13-15, 35, 50, 66, 93, 104, 140, 181
Brillard Fils 13
Brinkman 244
Brison 328, 348
Brocot, Achille 29
Bulman, Thomas 429, 450-1
Burgess, Robert 154
Burgi, Jobst 15, 312

C
Cabrier, Charles 243
Caron, Pierre Augustin 242
Cartier, Jacques & Andre 244
Catherwood, Joseph 375
Cattell, Thomas 335
Cawson, Edward 328, 348
Chater, Richard 150
Cloud, Ralph 196
Clowes, John 390
Cockey, Edward 39
Cording, John 152
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Cordy, John 244Vs
Coster, Saloman 308Vs
Cox, James 228, 259Vs
Creak, William 386Vs
Cuper, Paul 12Vs
Cusins, Thomas 175Vs
Cuss, Camerer 232Vs
D
Darrow, Elijah 246Vs
Davis, John 244Vs
Deacon, Samuel 314Vs
Decool, J. F. 314Vs
Delander, Daniel 92, 256Vs
Dent 232, 244Vs
Desbois & Wheeler 336Vs
Dondi, Giovanni 27, 183, 241Vs
Dondi, Jacopo 241Vs
Downs, Valentine 421Vs
Drocourt, Alfred 253Vs
Dubois, F. W. 261Vs
Dugmore & Foster 94Vs
Dumas, Antoine 12Vs
Dunlop, Andrew 281Vs
Dutton 440Vs
Dwerrihouse 139Vs
E
East, Edward 306Vs
Ebsworth, John 222Vs
Elizonda, Raimon 13Vs
Ellicott, John 8, 396, 420Vs
Emery 135Vs
Etherington 216Vs
Etour 304Vs
Evans, David 175Vs
F
Fatton 244Vs
Favre, Henry 144Vs
Felton, Elizabeth 94Vs
Fenn, Robert 67Vs
Filder, Benedict Furstin 50Vs
Finnemore, William 94Vs
Finney 192Vs
Forster, David 99, 135Vs
Francis, William 94Vs
French 447Vs
Frodsham, Charles 72, 210, 244Vs
Fromanteel 222, 369Vs
Fromanteel, Ahasuerus 390Vs
Fromanteel, Johannes 13Vs
G
Gallonde 16Vs
Ganeron, Stephen 247Vs
Garde, de la, Jacques 14Vs
Garmatone, G. R 464Vs
Gamier, Paul 253Vs
Garon, Peter 432Vs
Gaudron, Pierre 301Vs
Gaydon & Sons 163
Gerdt, Martin 313
Gibb, William 368
Gibson, Robert 152
Gillett 136
Goode, Charles 69, 89
Gordon, John 76
Gordon, Thomas 225
Goudin 455
Gould, Christopher 390
Graham, George 100, 133, 136, 225, 368
Gribelin, Simon 198, 199, 259
Grimalde & Johnson 259, 304
Guye, A. 32
H
Habrecht, Isaac 13
Hallam, John 421
Hamp, Thomas 17
Harden, Thomas 28
Harden, John 94
Hare de 14
Harmsen, Peter 368
Harrington, John 296
Harris, Thomas 75
Harrison 119
Harrison, John 53, 208, 269
Hart, N. & Sons 108
Hasius. J. 309
Hatfield, D. 421
Hayes, Josiah 94
Helme, Nestor 13
Herbert, Thomas 387
Hermelink, Jan 310
Heyer 309
Hoogendijk, Steven 309
Hubbard, Sam 17
I
Ives, Joseph 246
J
Jackson 421, 455
Jacot, Henri 253
Janvier, Antide 1, 4, 5, 6, 11, 13-15, 209
Jappe 279
Jaquet-Droz, H. L. 170
Jeffreys, John 269, 337, 364
Jerome, Chauncey 246
Jerome, Noble 246
Johnson, Michael 225
Jurgensen, Urban 321
K
Keeling, Thomas 94
Kendall, James 358
Kendall, Larcum 269, 272
Kendall, Richard 358
Kendall, William 358
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kerber, Joseph</td>
<td>206</td>
</tr>
<tr>
<td>Kerby, Isaac</td>
<td>243</td>
</tr>
<tr>
<td>Knebel</td>
<td>288</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>186, 203</td>
</tr>
<tr>
<td>Kreitzer, Conrad</td>
<td>58, 131</td>
</tr>
<tr>
<td>Kroze, J. P. &amp; Zoon</td>
<td>308</td>
</tr>
<tr>
<td>Lambert</td>
<td>14</td>
</tr>
<tr>
<td>Lemm, John</td>
<td>158</td>
</tr>
<tr>
<td>Lepaute, Jean-Andre</td>
<td>16, 242</td>
</tr>
<tr>
<td>Lepine, Jeane Antoine</td>
<td>51, 242</td>
</tr>
<tr>
<td>Leroy, Jean-Baptiste</td>
<td>410</td>
</tr>
<tr>
<td>Leroy, Julien</td>
<td>50, 368, 403-410, 464</td>
</tr>
<tr>
<td>Leroy, Pierre</td>
<td>53, 362, 410, 464</td>
</tr>
<tr>
<td>Leroy et Fils</td>
<td>14, 253</td>
</tr>
<tr>
<td>Liechti</td>
<td>11, 28</td>
</tr>
<tr>
<td>Lister, Benjamin</td>
<td>76</td>
</tr>
<tr>
<td>Lodddington</td>
<td>253</td>
</tr>
<tr>
<td>Lowndes, Charles</td>
<td>263</td>
</tr>
<tr>
<td>Lowndes, Jonathan</td>
<td>259, 394</td>
</tr>
<tr>
<td>Lovelace, Jacob</td>
<td>78</td>
</tr>
<tr>
<td>Lucas, John</td>
<td>247</td>
</tr>
<tr>
<td>Mainman, William</td>
<td>210</td>
</tr>
<tr>
<td>Mairet, Sylvain</td>
<td>55, 101</td>
</tr>
<tr>
<td>Margaire, Arsene</td>
<td>253</td>
</tr>
<tr>
<td>Margetts, George</td>
<td>369</td>
</tr>
<tr>
<td>Marguerite</td>
<td>309</td>
</tr>
<tr>
<td>Marsterson, Richard</td>
<td>261</td>
</tr>
<tr>
<td>Marston, William</td>
<td>19</td>
</tr>
<tr>
<td>Martin, Edmund</td>
<td>196</td>
</tr>
<tr>
<td>Martineau</td>
<td>198</td>
</tr>
<tr>
<td>Martinot, Baltazar</td>
<td>13</td>
</tr>
<tr>
<td>Martinot, Gilbert</td>
<td>12</td>
</tr>
<tr>
<td>Massey, Henry</td>
<td>105</td>
</tr>
<tr>
<td>McCabe, James</td>
<td>147, 190</td>
</tr>
<tr>
<td>McDowell, Charles</td>
<td>228</td>
</tr>
<tr>
<td>Merlin, John</td>
<td>217, 229</td>
</tr>
<tr>
<td>Metear, Henry</td>
<td>421</td>
</tr>
<tr>
<td>Minshall</td>
<td>94</td>
</tr>
<tr>
<td>Moirret, Quintin</td>
<td>13</td>
</tr>
<tr>
<td>Mondehane, Joannes</td>
<td>288</td>
</tr>
<tr>
<td>Moore</td>
<td>243</td>
</tr>
<tr>
<td>Moreau</td>
<td>209</td>
</tr>
<tr>
<td>Motley, R.</td>
<td>243</td>
</tr>
<tr>
<td>Mudge, Thomas</td>
<td>50, 54, 93, 244, 396, 366, 407, 420, 464</td>
</tr>
<tr>
<td>Mudge &amp; Dutton</td>
<td>132, 224, 264, 435</td>
</tr>
<tr>
<td>Nafe, J.</td>
<td>10, 14</td>
</tr>
<tr>
<td>Neal, Thomas</td>
<td>94</td>
</tr>
<tr>
<td>Neale, Francis</td>
<td>135</td>
</tr>
<tr>
<td>Nicholas, William</td>
<td>94</td>
</tr>
<tr>
<td>Nicholson, Charles</td>
<td>421, 466</td>
</tr>
<tr>
<td>Nidermayer, Johann Christoph</td>
<td>226</td>
</tr>
<tr>
<td>Noytolan</td>
<td>14</td>
</tr>
<tr>
<td>Oosterwyck, Severyn</td>
<td>259, 390</td>
</tr>
</tbody>
</table>

Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Osborne, Ann &amp; Co.</td>
<td>94</td>
</tr>
<tr>
<td>Osborne, James</td>
<td>94</td>
</tr>
<tr>
<td>Osborne, Thomas</td>
<td>94</td>
</tr>
<tr>
<td>Osborne &amp; Wilson</td>
<td>94</td>
</tr>
<tr>
<td>Otter, Raelof</td>
<td>132</td>
</tr>
<tr>
<td>Owen, Edward</td>
<td>94</td>
</tr>
<tr>
<td>Owen &amp; Price</td>
<td>94</td>
</tr>
<tr>
<td>P</td>
<td></td>
</tr>
<tr>
<td>Palmer, John</td>
<td>127</td>
</tr>
<tr>
<td>Parkinson &amp; Frodsham</td>
<td>374</td>
</tr>
<tr>
<td>Paul, Philip</td>
<td>328</td>
</tr>
<tr>
<td>Pennington &amp; Pendleton</td>
<td>93</td>
</tr>
<tr>
<td>Penny, Richard</td>
<td>422</td>
</tr>
<tr>
<td>Petin, Nicolas</td>
<td>16</td>
</tr>
<tr>
<td>Peyton, Richardson</td>
<td>281</td>
</tr>
<tr>
<td>Picard, Edmond</td>
<td>91</td>
</tr>
<tr>
<td>Plantart</td>
<td>12</td>
</tr>
<tr>
<td>Potter, John</td>
<td>94</td>
</tr>
<tr>
<td>Pourvis, James</td>
<td>318</td>
</tr>
<tr>
<td>Pulley, Francis</td>
<td>13</td>
</tr>
<tr>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>24, 86, 215, 244, 281, 369</td>
</tr>
<tr>
<td>R</td>
<td></td>
</tr>
<tr>
<td>Raingo</td>
<td>311</td>
</tr>
<tr>
<td>Raymond, B. W.</td>
<td>452</td>
</tr>
<tr>
<td>Reid, Thomas</td>
<td>244</td>
</tr>
<tr>
<td>Reinhold</td>
<td>15</td>
</tr>
<tr>
<td>Richard, Clocksmith</td>
<td>17</td>
</tr>
<tr>
<td>Richard, Louis</td>
<td>316</td>
</tr>
<tr>
<td>Riding, John</td>
<td>94</td>
</tr>
<tr>
<td>Rimbault, Stephen</td>
<td>152</td>
</tr>
<tr>
<td>Robin, Robert</td>
<td>13, 15, 21, 22</td>
</tr>
<tr>
<td>Robinson, Fran</td>
<td>390</td>
</tr>
<tr>
<td>Roskell, R. T.</td>
<td>244</td>
</tr>
<tr>
<td>S</td>
<td></td>
</tr>
<tr>
<td>Salisbury</td>
<td>328, 348</td>
</tr>
<tr>
<td>Savage</td>
<td>135, 175, 176</td>
</tr>
<tr>
<td>Sayler, Johann</td>
<td>312</td>
</tr>
<tr>
<td>Schegs, Peter Antoni</td>
<td>312</td>
</tr>
<tr>
<td>Seddon, Nathaniel</td>
<td>27</td>
</tr>
<tr>
<td>Sewell, George</td>
<td>219</td>
</tr>
<tr>
<td>Sharvel</td>
<td>199</td>
</tr>
<tr>
<td>Shaw, W. C.</td>
<td>220</td>
</tr>
<tr>
<td>Sly, Richard</td>
<td>68</td>
</tr>
<tr>
<td>Smith, Richard</td>
<td>94</td>
</tr>
<tr>
<td>Smith, John &amp; Sons</td>
<td>20</td>
</tr>
<tr>
<td>Snelling, James</td>
<td>184</td>
</tr>
<tr>
<td>Solomon &amp; Co.</td>
<td>94</td>
</tr>
<tr>
<td>Stevenson</td>
<td>466</td>
</tr>
<tr>
<td>Stewart</td>
<td>328</td>
</tr>
<tr>
<td>Stogden, Matthew</td>
<td>49</td>
</tr>
<tr>
<td>Strange, Thomas</td>
<td>156</td>
</tr>
<tr>
<td>Strange, William</td>
<td>156</td>
</tr>
<tr>
<td>Su Sung</td>
<td>129</td>
</tr>
<tr>
<td>Swane, John</td>
<td>17</td>
</tr>
<tr>
<td>T</td>
<td></td>
</tr>
<tr>
<td>Tarts</td>
<td>243</td>
</tr>
</tbody>
</table>
Taylor, John 341V5
Taylor, Thomas 464V5
Terry, Eli 246, 463V5
Thomas, Seth 463V5
Thomas, Y. M. 14V5
Thornton 248V5
Thuret, Isaac 12, 13, 309V5
Tobias, Tobias 135V5
Todé, George Paul 209V5
Tomlinson 446V5
Tompion, Thomas 25, 242, 288, 311V5
Tudge, Thomas 210V5

U
Ulrich & Co. 3V5
Uytermeer, Cornelius 309V5

V
Vallin, John 58V5
van Ceulen, Johannes 308V5
van der Bergh 309V5
van der Hey 309V5
van der Jorren 308V5
van Driessen 308V5
van Leeuwarden, J. J. 308V5
van Schicht, F. 310V5
Vietech, William 301V5
Visbach, Peter 309V5
Viviani, Vincenzo 241V5
Voyes, John 464V5
Vreyres 209V5
Vulliamy 293, 304, 376V5
Vulliamy, Justin 428, 448V5

W
Walker & Hughes 94V5
Waterhouse, George 94V5
Watson, Samuel 25, 244, 281V5
Watts, John 19V5
Watts, Ricardus 244V5
Webster, William 135, 255V5
Welch, William 156V5
Werner, Casper 368V5
Whitehurst, John 169V5
Wild, James 433V5
Wilders 243V5
Wilkes, John 94V5
Wilkes, Samuel 95V5
Wilkes & Baker 94V5
Wills, Edmond 199V5
Wilson, George 384V5
Wilson, James 95V5
Wilson, John 20V5
Wilson, William 176V5
Winn, Robert 95V5
Winstanley, Samuel 368V5
Witherston, John 383V5
Wright, Christopher 95V5
Wright, Thomas 169, 145, 153V5
Officers of the
ANTIQUARIAN HOROLOGICAL SOCIETY
and
Members of the Council and Committees
September, 1968

President: THE RT. HON. THE LORD HARRIS
Vice-President: H. ALAN LLOYD
Chairman: T. P. CAMERER CUSS
Vice-Chairman: C. B. DROVER
Hon. Treasurer: B. G. DUMONT
Hon. Secretary: J. C. STEVENS
Hon. Membership Secretary: E. TRUNDELL
Hon. Minutes Secretary: Mrs. P. J. NASH
Technical Enquiry Officer: J. H. F. WADSWORTH
Advertising Agent: J. ARTHUR COOK

COUNCIL

E. F. BUNT
Chairman, Library Committee

R. J. LAW
Chairman

CECIL CLUTTON
Perpertual Librarian

T. O. ROBINSON
Col. H. QUILL

PERCY G. DAWSON
Editor, Antiquarian Horology

R. K. FOULKES
D. E. STREEET

M. G. HURST
Dr. F. A. B. WARD

CEDRIC JAGGER
Programme Secretary

Press Officer

Hon. Solicitors:

Hon. Auditor:
P. R. Skinner, Esq., A.C.A., Campsie House, 14 Buckingham Road,
Shoreham-by-Sea, Sussex

Publications Committee
Chairman & Secretary; C. B. DROVER
T. O. ROBINSON, Editor, Antiquarian Horology
R. J. LAW, Technical Editor
Dr. C. F. C. BEESON
R. K. FOULKES
B. L. HURST

Library Committee
Chairman & Curator: E. F. BUNT
E. J. TYLER
J. L. CHARLTON
B. HUTCHINSON
J. R. SPARROW

Publications Department
Mrs. F. WEST, 35 Northampton Square, London, E.C.1
ANTIQUARIAN HOROLOGY
AND THE PROCEEDINGS OF
THE ANTIQUARIAN HOROLOGICAL SOCIETY

VOLUME VI
December 1968 to September 1970

THE ANTIQUARIAN HOROLOGICAL SOCIETY
LONDON
MCMLXX
INDEX TO VOLUME SIX
(DECEMBER 1968 TO SEPTEMBER 1970)

Compiled by Lawrance Hurst

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Index (omitting makers)</td>
</tr>
<tr>
<td>Index of Makers</td>
</tr>
<tr>
<td>List of Officers, Council and Committees</td>
</tr>
</tbody>
</table>

**PAGINATION OF THE JOURNAL**

<table>
<thead>
<tr>
<th>Issue Number</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>December, 1968</td>
<td>1-48</td>
</tr>
<tr>
<td>TWO</td>
<td>March, 1969</td>
<td>44-112</td>
</tr>
<tr>
<td>THREE</td>
<td>June, 1969</td>
<td>113-176</td>
</tr>
<tr>
<td>FOUR</td>
<td>September, 1969</td>
<td>177-244</td>
</tr>
<tr>
<td>FIVE</td>
<td>December, 1969</td>
<td>245-320</td>
</tr>
<tr>
<td>SIX</td>
<td>March, 1970</td>
<td>321-392</td>
</tr>
<tr>
<td>SEVEN</td>
<td>June, 1970</td>
<td>393-468</td>
</tr>
<tr>
<td>EIGHT</td>
<td>September, 1970</td>
<td>469-544</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>545-558</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

GENERAL INDEX [Omitting Makers]

Heavy type indicates an illustration

A
Act of Parliament clock 543V6
Act of Parliament of 1797 by T. P. C. Cuss 349V6
Aghib, Edward G.: The elusive Fromanteel 212V6
Aked, Charles K 6V6
Aids to cleaning (letter) 233V6
Dr. R. N. U. Pickering (letters) 36, 377, 529V6
Horological books and libraries 15V6
Horological books and their care 91V6
John Briggs, Skipton (letter) 449V6
The Joyce of Whitchurch 216V6
William Derham and "The Artificial Clockmaker" 362, 416, 495V6
Alarum clock by 64V6
Arnold, John 64, 140V6
Monk, Jonathan 64, 140V6
Shelton, John 6V6
Almanus manuscript 516V6
Anchor escapement, A turret clock with early, by C. F. C. Beeson and F. R. Maddison 77V6
Anchor escapement, Early, (letter) by F. A. B. Ward 162V6
Andre, Major John's watch (letter) by Charles H. Roe 374V6
Ankerson, W. A.: Hooker of Lewes (letter) 162, 158V6
Annual General Meeting 149V6
Anti-friction rollers 5V6
Armstrong, John C.: Clock rope (letter) 235V6
Art and horology by Peter D. Guggenheim 299V6
Astrolabe dial 434V6
Astronomical clock by 81V6
Harbrecht, Josias Liechti, Laurentius 85V6
Shearer, James 82V6
Watson, Samuel 359V6
Astronomical table clock 433V6
Astronomical watch by George Margetts 158, 323, 350, 452V6
Auction prices 94, 157, 226, 301, 359, 415, 444, 510V6
Auerbach, Louis: W. F. Evans & Sons, Soho Clock Factory (letter) 375V6
Austin, John: French clock (letter) 308V6
Automata clock by Isaac Harbrecht 341V6
B
Balance spring, straight 346V6
Ballon clock by Weeks 48V6
Barraud, Paul Philip by Cedric Jagger 28V6
Bayly, William 65, 139V6
Bedfordshire clockmakers (letter) by P. J. Smart 523V6
Beeson, C. F. C., and F. R. Maddison: An early anchor escapement in a turret clock 77V6
Beeson, C. F. C.: 408V6
Perpignan 1356 and the earliest clocks 408V6
Turret clocks by Richard Roe (letter) 100V6
Turret clocks seen on the Danish tour 342V6
Bertele, Prof. H. von: A Turkish calendar watch from the middle of the 17th century 12V6
Block, Murray M.: An early table clock (letter) 165V6
Books, horological, and their care 91V6
Booksellers, horological 16V6
Book Reviews 5
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Abeler, Jurgen: 5000 Jahre Zeitmessung 96V6
Ansonia Clock Company: Crystal Regulators 520V6
Blakemore, Kenneth: The Retail Jewellers Guide 358V6
Bruton, Eric: Clocks and Watches 96V6
Cousins, Frank W.: Sundials 442V6
de Carle, Donald: Clocks and Their Value 95V6
Edey, Winthrop: French Clocks 23V6
Freunde Alter Uhren: Heft VIII 228V6
Freunde Alter Uhren: Heft IX 1969/70 442V6
Goodison, Nicholas: English Barometers 1680-1860 95V6
Hana, W. F. J.: Klokkenkijkboek 228V6
Ingraham, E., & Co.: Illustrated Catalogue and Price List 520V6
Johnson, Chester: What makes a Clock Tick? 358V6
Leopold, J H.: De Leeuwaarder Uurwerkmakers en hun Werk in het Fries Museum 521V6
Littke, E. E. & Nettell, D. F.: Uffington Church Clock 442V6
Mason, Bernard: Clock and Watchmakers in Colchester 227V6
Maurice, Klaus: Von Urhen und Automaten 96V6
Mussey, Barrows & Canedy, Ruth Mary: Terry Clock Chronology 521V6
Roberts, Kenneth D.: The Contributions of Joseph Ives to Connecticut Clock Technology 520V6
Royer-Collard, F. B.: Skeleton Clocks 304V6
Thomson, Richard: Antique American Clocks and Watches 160V6
Tyler, E. J.: European Clocks 160V6
Western Clock Mfg. Company: Catalogue 520V6
Willard, John Ware: Simon Williard and his Clocks 160V6

Boulle clock 403V6
Bracket clock by 331V6
Allam 528V6
Bird, Edward 249V6
Bourchier 449V6
Briggs, John 396V6
Cartwright, Thomas 188V6
Colley 56V6
Cox, James 475V6
Crisp, James 56V6
Delander, Daniel 156, 188V6
du Chesne, Claudius 326V6
East, Edward 153, 154, 188V6
Ellicott, John 2V6
Etherington, George 56V6
Evill, W. & J. 465V6
Farmer, John 154V6
Frodsham 56V6
Frodsham, W. 50V6
Frodsham & Baker 241V6
Fromanteel 9V6
Fromanteel, A. 147, 148, 151, 212V6
Furnace, George 50V6
Gould, Christopher 56V6

Bracket clock by (cont) 118, 188, 325, 438V6
Graham, George 56V6
Gray, Benjamin
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Green, Joseph 402v6
Grignon, Thomas 5v6
Grimaldi and Johnson 323v6
Harrison, Anthony 468v6
Herbert, Cornelius 248v6
Hill, Matthew 392v6
Holmes, John 50v6
Hurt, Henry 50v6
King Peter 402v6
King, William 479v6
Knibb 188v6
Knibb, Joseph 334, 406v6
Knibb, Samuel 152v6
Knie, J. H. 164v6
Lee, Cuthbert 399v6
McCabe, James 249v6
MacPherson 55v6
Payne 323v6
Philip, Robert 253v6
Prime, Abraham 374v6
Quare, Daniel 188v6
Robinson, Francis 181v6
Russell, B. 244v6
Sadler, Robert 479v6
Skinner, John 50v6
Spencer & Perkins 255v6
Stanton, Edward 155v6
Taylor, Jasper 402v6
Tomlinson, William 402v6
Tompion, Thomas 131, 188v6
Tregent, James 50v6
Visbach, Pieter 254, 299v6
Watson, Samuel 397v6
Bracket clocks, Cantonese 472v6
Bradley, John 65v6
Brasseur, Harry: Lepine, Paris (letter) 451v6
Brazen Nose Society 208v6
Bruhl, Count von 38v6
Brusa, Giuseppe and Charles Allix: Two Pierre Le Roys 135v6
Buchanan, D. G.:  
  The English lantern clock (letter) 523v6
  Prince Rupert (letter) 523v6
  A 16th century table clock (letter) 523v6
Buggins, Geoffrey 97v6
Burnett, Robert: A rare watch by James Ferguson Cole 506v6
C
Calendar clock by Thouverez 132v6
Calendar, Julian 449v6
Calendar watch, Turkish 12v6
Cannell, N. J: John Burpur (letter) 450v6

Carriage clock by  
Anon 398, 473v6
Baullier, Baschet 533v6
Beguin, J. B. 459v6
Breguet et fils 225v6
Cole brothers 225V6
Drocourt, Alfred 311, 398V6
Gamier, Paul 311V6
Jacot, Henri 311V6
Le Roy 311, 398V6
Margaine Arsene 311V6
Soldano 473V6
Cartel clock 509V6
Cast iron wheels 218V6
Chamber clock by Liechti 438V6
Chichester clockmakers (letter) by I Hurd 449V6
Chronometer, mantel 57V6
Chronometer, marine, by Armand 344V6
Arnold, John 278V6
Barraud 121V6
Brockbank & Atkins 57V6
James & Murray 57V6
Margetts, George 356V6
McGregor, D., & Co. 57V6
Chronometers seen on the Danish tour by R. H. A. Miles 343V6
Clark, Ronald B.: An old clock with a new use (letter) 163V6
Cleaning aids (letter) by Charles K. Aked 233V6
Clerke, Charles 74V6
Clock stand by John Smeaton 71V6
Clock, An early table (letter), by Murray M. Block 165V6
Clock, Early turn-table (letter) by H. G. Hammond 528V6
by M. R. Worsley 374V6
Clock, A sixteenth century table, by Edward S. Jones and Peter D. Guggenheim 433V6
Clock, An old, with a new use (letter), by Ronald B. Clark 163V6
Clock in Russia (letter), by N. J. Glikstein 235V6
Clock, A sedan chair (letter), by H. W. Norris 524V6
Clock rope (letter) by John C. Armstrong 235V6
by Robert Franks 373V6
by J. W. A. van Schie 451V6
Clock ropes, The slicing of, by B. P. C. Fowler 440V6
Clutton, Cecil: An early Tompion repeater in Australia (letter) 525V6
Mudge and the lever escapement (letter) 100V6
Colchester makers 227V6
Collections, see also Museums
Anglesea Abbey 517V6
at Assens 341V6
Atwood, Seth G. 414V6
Copenhagen Watchmakers, Guild of 339, 345V6
Del Vecchio 137V6
Ernest (Assens) 346V6
Collections, see also Museums (cont)
Hutton-Stott. F. W. 517V6
Knap (Sandefjord) 82V6
Korsgaard, Hans P. (Varde) 342, 346V6
Miller, W. E. 305V6
at Oogstgeest (Leyden) 444V6
Relandsen. Holger 345V6
Reventlow, Countess 341, 346
Rosenholm Castle 337
Rycroft, C. H. 231
Wedel (Tönsberg) 82

**Compensation pendulum** 208, 291

**Cook, Captain**
- Pendulum clocks 62
- Minor clocks and watches 138
- Marine timekeepers
  - Part I: The Kendall watches 190
  - Part II: The Arnold chronometers 276
- Shelton clocks 281
- Chronometers 307

**Coole, Philip** 306, 347

**Cooper, Robert P.** 192

**Copenhagen Watchmakers' Guild** 339

**Corbishley, Barry**: Clock by Thomas Swinnerton (letter) 39

**Craig, Gerald B.**: A Cumberland Masterpiece 102

**Crossley, John** 201

**Crossbeat clocks by Nichol Radeloff** 162

**Crucifix clock** 157

**Cumberland masterpiece, A, by S. M. Baker** 24
- (letter) by Gerald B. Craig 100
- (letter) by John B. Penfold 100

**Cupola clock by Fromanteel, A** 151
- Knibb, Samuel 152

**Cuss. Terence Camerer: The elusive Fromanteel (letter)** 524

**Cuss, T. P. Camerer John Moore & Sons** 32

**The 1797 Act of Parliament** 349

**Obituary** 358, 437

**D**

**Daniel, J. A.**: The clockmakers of Leicestershire and Rutland 486

**Daniels, George**
- The astronomical watch by George Margetts in the possession of the Royal Institution, and some other timekeepers of Margetts 350
- Mudge and the lever escapement (letter) 38

**Danish tour, summer 1969**
- Turret clocks by C. F. C. Beeson 342
- Watches and chronometers by R. H. A. Miles 343

**Dawes, Lieut. William** 139

**Danish horological society** 306

**Deck watch, see under Chronometer, pocket**

**Denison, E. B.** 217

**Derham, William, and "The Artificial Clockmaker", by Charles K. Aked** 362, 416, 495

**Dixon, Jeremiah** 65

**Dial, Spot** 210

**Domestic clocks by Liechti family** 86

**Dorset clockmakers (letter) by Tom Tribe** 450

**Dudley, Anthony J.**: The Liechtis of Winterthur 83

**Dymond, Joseph** 65

**Edwardes, Ernest L.**
- Georgius Clayton de Marple 511
- The English lantern clock 260
- The English lantern clock (letter) 448

**Edwards, Sir Bartle M.**: Eardley Norton (letter) 377
<table>
<thead>
<tr>
<th>Subject</th>
<th>Volumes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical horology</td>
<td>21, 445, 522</td>
</tr>
<tr>
<td>Ellis, William</td>
<td>74</td>
</tr>
<tr>
<td>English pendulum clock, The first twelve years of the, by Michael Hurst</td>
<td>146</td>
</tr>
<tr>
<td>English pendulum clock, The first twelve years of the, (letter) by Daniel Parkes</td>
<td>233</td>
</tr>
<tr>
<td>Equation clock by</td>
<td></td>
</tr>
<tr>
<td>Graham, George</td>
<td>360</td>
</tr>
<tr>
<td>Lough, Hugh</td>
<td>24</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>128</td>
</tr>
<tr>
<td>Escapements</td>
<td></td>
</tr>
<tr>
<td>anchor</td>
<td>417</td>
</tr>
<tr>
<td>cross beat</td>
<td>338</td>
</tr>
<tr>
<td>early anchor</td>
<td>77</td>
</tr>
<tr>
<td>gravity</td>
<td>217</td>
</tr>
<tr>
<td>Le Roy's dead beat verge</td>
<td>136</td>
</tr>
<tr>
<td>Le Roy's modified Sully's</td>
<td>137</td>
</tr>
<tr>
<td>lever</td>
<td>38</td>
</tr>
<tr>
<td>Ormskirk</td>
<td>137</td>
</tr>
<tr>
<td>pin wheel</td>
<td>220</td>
</tr>
<tr>
<td>rotary duplex</td>
<td>506</td>
</tr>
<tr>
<td>ruby cylinder</td>
<td>350</td>
</tr>
<tr>
<td>Savage two pin</td>
<td>258</td>
</tr>
<tr>
<td>Taylor's revolving</td>
<td>329</td>
</tr>
<tr>
<td>Foreign influence (letter) by J. Andrew Nicholls</td>
<td>525</td>
</tr>
<tr>
<td>For your further reading</td>
<td>35, 99, 161, 228, 280, 444, 522</td>
</tr>
<tr>
<td>Fowler, B. P., C.: The splicing of clock ropes</td>
<td>440</td>
</tr>
<tr>
<td>Franks, Robert: Clock rope (letter)</td>
<td>373</td>
</tr>
<tr>
<td>French clock (letter), by John Austin</td>
<td>308</td>
</tr>
<tr>
<td>Friesland clock</td>
<td>463</td>
</tr>
<tr>
<td>Fromanteel, The elusive, by Edward G. Aghib</td>
<td>212</td>
</tr>
<tr>
<td>Fromanteel, The elusive (letter), by Terence Camerer Cuss</td>
<td>524</td>
</tr>
<tr>
<td>Glikstein, N. J.: Clock in Russia (letter)</td>
<td>235</td>
</tr>
<tr>
<td>Gooch, William</td>
<td>201</td>
</tr>
<tr>
<td>Graham timepiece, A newly discovered, by F. A. B. Ward</td>
<td>360</td>
</tr>
<tr>
<td>Green, Charles</td>
<td>65, 138</td>
</tr>
<tr>
<td>Greenslade, B. H.: A rack striking posted movement (letter)</td>
<td>234</td>
</tr>
<tr>
<td>Greenwich time, The story of</td>
<td>302</td>
</tr>
<tr>
<td>Guggenheim, Peter D.: Art and horology</td>
<td>299</td>
</tr>
<tr>
<td>Gutteridge, Mrs. F. M.: A plea for information (letter)</td>
<td>36</td>
</tr>
<tr>
<td>Haagsche klok by Pieter Visbach</td>
<td>245, 299</td>
</tr>
<tr>
<td>Halley</td>
<td>62</td>
</tr>
<tr>
<td>Hall-marks on early watch cases</td>
<td>441</td>
</tr>
<tr>
<td>Hambley, Peter J.: Thomas Swinnerton, Newcastle (letter)</td>
<td>526</td>
</tr>
<tr>
<td>Hammond, H. G.: Table clock by Edward Bird (letter)</td>
<td>528</td>
</tr>
<tr>
<td>Har ton Colliery experiments</td>
<td>293</td>
</tr>
<tr>
<td>Harvey, L.: Perpignan 1356 (letter)</td>
<td>525</td>
</tr>
<tr>
<td>Harvey, W. A. C.: Blencone Churchill (letter)</td>
<td>165</td>
</tr>
<tr>
<td>Heard, Kenneth F.: A young collector (letter)</td>
<td>234</td>
</tr>
<tr>
<td>Heathcote, Major Anthony: An historical skeleton clock</td>
<td>132</td>
</tr>
<tr>
<td>Henry Hindley of York (letter) by R. J. Law</td>
<td>235</td>
</tr>
<tr>
<td>Hills, Michael R.: L. Smith and Sons, Clerkenwell (letter)</td>
<td>376</td>
</tr>
<tr>
<td>Hinton St. George turret clock (letter) by R. A. L. Cole</td>
<td>527</td>
</tr>
<tr>
<td>Hofsetter, Anton O.: Coin watches (letter)</td>
<td>375</td>
</tr>
<tr>
<td>Hooker of Lewes (letter) by W. A. Ankerson</td>
<td>162</td>
</tr>
<tr>
<td>Horological books and libraries by Charles K. Aked</td>
<td>15, 98</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Horological books and their care by Charles K. Aked 91^V6

Howse, Derek^V6
  Captain Cook's marine timekeepers 190, 276^V6
  Captain Cook's minor clocks and watches 138^V6
  Captain Cook's pendulum clocks 62^V6
  Marketts watch (letter) 452^V6

Howse, Derek and Beresford Hutchinson: The saga of the Shelton clocks 281^V6
Hughes, K. R.: Francis Clark, London (letter) 36^V6
Hurd, J.: Chichester clockmakers (letter) 449^V6
Hurst, Michael: The first twelve years of the English pendulum clock 146^V6
Hutton, M. G.: Andrew Prime (letter) 452^V6
Huygens 147^V6

I
Ibbetson 191^V6
Inman, James 201^V6

Italy. Some important clocks made for, and one unrecorded Tompion by Dr. D. Pavolini 128^V6

J
Jagger, Cedric: Paul Philip Barraud 28^V6
Jones, Edward S. and Peter D. Guggenheim: A sixteenth century table clock 433^V6

Journeyman clock by^V6
  Monk, Jonathan 64, 141^V6
  Shelton, John 64, 141^V6

Joyces of Whitchurch by Charles K. Aked 216^V6
Joyces of Whitchurch (letter) by F. B. Royer-Collard 307^V6

K
Kater's pendulum 289^V6
Keys 234^V6
King, Noel 31^V6
Knap, Dr. Johan^V6
  Antique clocks in Scandinavia 81^V6
  Watches in the Museum of Science and Industry in Oslo 515^V6

Knie, H. H.: In defence of the verge (letter) 163^V6

L
Lantern clock, The English, by Ernest L. Edwardes 159, 260^V6
Lantern clock (letter) by^V6
  Buchanan, D. G. 523^V6
  Edwardes, Ernest L. 448^V6
  Smith, C. 376^V6

Lantern clock by^V6
  Carter, Christopher 489^V6
  Clarke, George 477^V6
  Cruttington, Thomas 402^V6
  Gambrell, Thomas 489^V6
  Lee, Roger 486^V6

Lantern clock by (cont)^V6
  Mills, Humphrey 470^V6
  Parker, Thomas 467^V6
  Prior, George 454^V6

Law, R. J.: Henry Hindley of York (letter) 235^V6
Legg, E.: John Aylward (letter) 38^V6
Leicestershire and Rutland clockmakers by J. A. Daniel 437, 486^V6
Le Roys, Two Pierre, by Guiseppe Brusa and Charles Allix 135^V6
Library 31, 306, 505^V6
Library and reference facilities 18^V6
Liechts of Winterthur by Anthony J. Dudley 83^V6
Littlecote House, Visit to 231^V6
Lloyd, H. Alan 126^V6
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allan and Clements</td>
<td>306</td>
</tr>
<tr>
<td>Andrews, John</td>
<td>706</td>
</tr>
<tr>
<td>Arboe, Otho Poulsen</td>
<td>337V6</td>
</tr>
<tr>
<td>Avnell</td>
<td>541V6</td>
</tr>
<tr>
<td>Aynsworth</td>
<td>178V6</td>
</tr>
<tr>
<td>Bibbie, Edward</td>
<td>246V6</td>
</tr>
<tr>
<td>Blackburn</td>
<td>490V6</td>
</tr>
<tr>
<td>Bull, William</td>
<td>537V6</td>
</tr>
<tr>
<td>Caspeller, Johan Georg</td>
<td>337V6</td>
</tr>
<tr>
<td>Clay, Charles</td>
<td>385V6</td>
</tr>
<tr>
<td>Clayton, George</td>
<td>511V6</td>
</tr>
<tr>
<td>Clowes, John</td>
<td>471V6</td>
</tr>
<tr>
<td>Culliford, John</td>
<td>327V6</td>
</tr>
<tr>
<td>Deacon, Samuel</td>
<td>492V6</td>
</tr>
<tr>
<td>Donisthorp, Joseph</td>
<td>492V6</td>
</tr>
<tr>
<td>Finch, Thomas</td>
<td>484V6</td>
</tr>
<tr>
<td>Fladgate, John</td>
<td>333V6</td>
</tr>
<tr>
<td>Fromanteel, A.</td>
<td>8, 9, 113, 146, 148, 150V6</td>
</tr>
<tr>
<td>Goddard, Isaac</td>
<td>124V6</td>
</tr>
<tr>
<td>Graham, George</td>
<td>324, 360V6</td>
</tr>
<tr>
<td>Grignon &amp; Son</td>
<td>112V6</td>
</tr>
<tr>
<td>Handley &amp; Moore</td>
<td>380V6</td>
</tr>
<tr>
<td>Hubert, David</td>
<td>509V6</td>
</tr>
<tr>
<td>Kellam, Thomas</td>
<td>491V6</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>256V6</td>
</tr>
<tr>
<td>Lee, Roger</td>
<td>470V6</td>
</tr>
<tr>
<td>Lee, William</td>
<td>490V6</td>
</tr>
<tr>
<td>Lough, Hugh</td>
<td>1, 24V6</td>
</tr>
<tr>
<td>Lyons, Richard</td>
<td>237V6</td>
</tr>
<tr>
<td>Martin, Thomas</td>
<td>333V6</td>
</tr>
<tr>
<td>Mazzi, Jean Baptiste</td>
<td>130V6</td>
</tr>
<tr>
<td>Monkhouse, James</td>
<td>24V6</td>
</tr>
<tr>
<td>Mudge and Dutton</td>
<td>3V6</td>
</tr>
<tr>
<td>Prime, Andrew</td>
<td>452V6</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>128, 182V6</td>
</tr>
<tr>
<td>Robinson, Joseph</td>
<td>403V6</td>
</tr>
<tr>
<td>Roepke</td>
<td>122V6</td>
</tr>
<tr>
<td>Shelton, John</td>
<td>176V6</td>
</tr>
<tr>
<td>Sone, T.</td>
<td>527V6</td>
</tr>
<tr>
<td>Speakman</td>
<td>178V6</td>
</tr>
<tr>
<td>Taylor, John</td>
<td>467V6</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>119, 178, 544V6</td>
</tr>
<tr>
<td>Townly</td>
<td>234V6</td>
</tr>
<tr>
<td>Tregent, James</td>
<td>481V6</td>
</tr>
<tr>
<td>Wise, John</td>
<td>175V6</td>
</tr>
<tr>
<td>Longitude, Board of</td>
<td>191V6</td>
</tr>
<tr>
<td>Lowy, J.: Richard Barnes, Worcester (letter)</td>
<td>526V6</td>
</tr>
<tr>
<td>Ludlam, Rev. William</td>
<td>191V6</td>
</tr>
<tr>
<td>Lunar distances</td>
<td>138V6</td>
</tr>
<tr>
<td>Lund Cathedral clock</td>
<td>340V6</td>
</tr>
<tr>
<td>Makers, Unrecorded</td>
<td>443V6</td>
</tr>
<tr>
<td>Mantel clock by Lepine</td>
<td>451V6</td>
</tr>
<tr>
<td>Martin, P. L.: Joseph Smith, Chester (letter)</td>
<td>165V6</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Maskelyne, Nevil 65, 138, 143^V6
Mason, Charles 65^V6
McKibbin, Darell D.: Gerard Mut (letter) 449^V6
Meetings 76, 80, 158, 231, 304, 373, 437, 516^V6
Membership 31, 90, 161, 228, 280, 372, 447, 519^V6
Mercer, Frank 349^V6
Michell, John 191^V6
Miles, R. H. A.: Watches and chronometers seen on the Danish tour 343^V6
Mulburn, John R.: Some horological excerpts from Stukeley's diaries 206^V6
Monstrance clock by Jacob Schlange 339^V6
Moore, John, & Sons, by T. P. C. Cuss 32^V6
Mudge and the lever escapement (letter)^V6
by Cecil Clutton 100^V6
by George Daniels 38^V6
Museums, see also Collections^V6
Aarhus 81, 336, 343^V6
Arendal 82^V6
Bergen 82^V6
British 23, 224, 347^V6
Copenhagen^V6
Bymuseum 81^V6
Christinasborg Palace 81^V6
David's 81^V6
Kunstindustri 81^V6
National 81, 338, 345^V6
Rosenborg Palace 81, 339, 345^V6
Dresden 508^V6
Eidsvoll 82^V6
Elsinore Castle 340, 346^V6
Gothenburg^V6
Gunnebo 82^V6
Röhska Konstindustri 82^V6
Röhska Konstsöid 82^V6
Halden 82^V6
Hilleröd, Fredriksborg 81, 340^V6
Larvik 82^V6
Leicester, Newarke Houses 486^V6
Le Lode 161^V6
Lillehammer, Maihaugen 82^V6
Lincoln, Usher Art Gallery 450^V6
Museums, see also Collections (cont)^V6
London 305^V6
Lund 340, 346^V6
Moritzburg, Hunting Lodge 508^V6
Oslo^V6
Bymuseum 82^V6
Kunstindustri 82^V6
Norsk Folke 82^V6
Science and Industry 515^V6
Pilsnitz, Summer Palace 508^V6
Rosendal 82^V6
Sandefjord 82^V6
Schwenningen, Kienzle 444^V6
Science 438^V6
Stavanger 82^V6
Musical box by Nicole Frères 183, 478^V6
Musical box^V6
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

polyphon
singing bird
Musical clock by A. Fromanteel

N
Nettell, D. F.: Turret clock at Uffington (letter) 235V6
Nicholls, J. Andrew: Foreign influence letter 525V6
Norris, H. W.: Sedan chair clock (letter) 524v6
Northern section of A.H.S. (letter) by C. D. Marrable & R. R. Sharpe 38V6
Northern section of A.H.S 99, 156, 231, 443, 446V6

O
Onslow, Sister Frances Agnes: An early record (letter) 526V6
Orrery by Bishop Cumberland 210V6
Osborne, Clive: Unrecorded makers 443V6

P
Parkes, Daniel: The first twelve years of English pendulum clocks (letter) 233V6
Parson Woodforde's diary 377V6
Pavolini, Dr. D.: Some important English clocks made for Italy and one unrecorded Tompion 128V6
Penfold, John B.: A Cumberland master piece (letter) 100V6
Perpignan 1356 and the earliest clocks by C. F. C. Beeson 408V6
Perpignan 1356 (letter) by L. Harvey 525V6
Pickering, Dr. R. N. U. (letter) by C. K. Aked 36, 377, 529V6
by F. B. Royer-Collard 308, 453V6
Plowman, J. M.: Comber of Lewes (letter) 308V6
Posner, Woolf: Julien Le Roy No.4540 431V6
Potts. R. W.: John Mason, Bawtry (letter) 375, 524V6
Prince Rupert--A royal clockmaker (letter) v6
by D. G. Buchanan 523V6
by Eric Street 162V6
Programme 35, 98, 143, 224, 298, 361, 446, 519V6

Q
Quadrant by John Bird 63, 65V6
Quadrant dial of W. Derham 500V6

R
Rack striking posted movement (letter) by B. H. Greenslade 234V6
Radeloff cross-beat clocks (letter) by John L. Nelson 162, 233V6

Regulator clock by:
Amant 479V6
Anon 3V6
Arnold John, and Son 185V6
Binns 3V6
Ellicott, John 114V6
Emery, Josiah 94V6
Graham, George 394V6
Margetts, George 357V6
Shelton, John 73, 281V6
Smith, L., & Sons 376V6

Reviews, see Book reviews
Richard, Kjell: Swedish collectors (letter) 453V6
Robinson, T. O. V6
A rolling ball clock (letter) 39V6
A watchmaker's trails (letter) 377V6
Roe, Charles H.: Major Andre's watch (letter) 374V6
Rolling ball clock by Nicholas Radeloff 338V6
Rolling ball clock (letter) by T. O. Robinson 39V6
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Royal Institution 158\textsuperscript{V6}

Royer Collard, F. B.\textsuperscript{V6}

Dr. R. N. U. Pickering (letter) 308, 453\textsuperscript{V6}
Joyces of Whitchurch (letter) 307\textsuperscript{V6}
W. F. Evans & Sons (letter) 450\textsuperscript{V6}

Rutland clockmakers by J. A. Daniel 486\textsuperscript{V6}

S

Scandinavia, Antique clocks in, by Dr. Johan Knap 81\textsuperscript{V6}
Sedan chair clock (letter) by H. W. Norris 524\textsuperscript{V6}
Sextant by Hadley 63\textsuperscript{V6}
Skeleton clock, An historical, by Major Anthony Heathcote 132\textsuperscript{V6}

Skeleton clock by\textsuperscript{V6}

Anon 45\textsuperscript{V6}
Joyce 223\textsuperscript{V6}
Smith, L., & Sons 376\textsuperscript{V6}
Spiegelhalter, G., & Co. 474\textsuperscript{V6}
Thouverez 132\textsuperscript{V6}

Smart, P. J.:\textsuperscript{V6}

Bedfordshire clockmakers (letter) 523\textsuperscript{V6}
T. Sone, Fareham (letter) 527\textsuperscript{V6}
Smith, C.: The lantern clock (letter) 376\textsuperscript{V6}
Stevens, John: Richard Graham (letter) 451\textsuperscript{V6}
Stolen clocks and watches 106, 162, 230, 306, 379, 432, 454, 530, 533\textsuperscript{V6}
Street. Eric: Prince Rupert, A royal clockmaker ? (letter) 162\textsuperscript{V6}
Stukeley's diaries Some horological excerpts from, by John R. Milburn 206\textsuperscript{V6}
Sundial, Chalice 438\textsuperscript{V6}
Sundial at\textsuperscript{V6}

Blockey 421\textsuperscript{V6}
St George's Chapel, Windsor 368\textsuperscript{V6}
St. Laurence, Upminster 369, 424\textsuperscript{V6}
Swedish collectors (letter) by Kjell Richard 453\textsuperscript{V6}

T

Table clock, A sixteenth century, by Edward S. Jones and Peter D. Guggenheim 433\textsuperscript{V6}
Table clock, A sixteenth century (letter) by D. G. Buchanan 523\textsuperscript{V6}

Table clock by\textsuperscript{V6}

Brenner, Steffen 336\textsuperscript{V6}
Liechti. Hans Jakob 88\textsuperscript{V6}

Telescope by\textsuperscript{V6}

Bird, John 63\textsuperscript{V6}
Dollond, Peter 63, 144\textsuperscript{V6}
Short, James 63, 67, 144\textsuperscript{V6}

Tour of Denmark 1969\textsuperscript{V6}

229, 305\textsuperscript{V6}

Tour of Denmark 1969,\textsuperscript{V6}

Clocks by E. E. J. Tundell & F. A. B. Ward 336\textsuperscript{V6}
Turret clocks by C. F. C. Beeson 342\textsuperscript{V6}
Watches and chronometers by R. H. A. Miles 343\textsuperscript{V6}

Tribe, Tom: Dorset clockmakers (letter) 450\textsuperscript{V6}

Trundell, E. E. J. & F. A. B. Ward: Clocks seen on the Danish tour 336\textsuperscript{V6}

Turkish calendar watch from the middle of the 17th century by Prof. H. von Bertele 12\textsuperscript{V6}

Turret clock by Richard Roe (letter)\textsuperscript{V6}

by D. J. & P. H. Whatmore 36\textsuperscript{V6}
by C. F. C. Beeson 100\textsuperscript{V6}

Turret clocks. The preservation of, by E. J. Tyler 428\textsuperscript{V6}

Turret clock with early anchor escapement by C. F. C. Beeson & F. R. Maddison 77\textsuperscript{V6}

Turret clock at Hinton St. George (letter) by R. A. L. Cole 527\textsuperscript{V6}
| Turret clock at Uffington (letter) by D. F. Nettell | 235V6 |
| Turret clocks seen on the Danish tour by C. F. C. Beeson | 342V6 |
| Turret clock patterns | 58V6 |
| Turret clocks | |
| Aylesbury | 38V6 |
| Beccles | 429V6 |
| Cambridge, Kings College | 419V6 |
| Clandon Park | 518V6 |
| Diseworth | 488V6 |
| Eperstone | 100V6 |
| Freslers | 343V6 |
| Hinton St. George | 527V6 |
| Leicester |  |
| All Saints, Highcross Street | 488V6 |
| St. Martin | 487V6 |
| St. Mary Castro | 487V6 |
| Lund | 343V6 |
| Martley | 36V6 |
| Nottingham | 100V6 |
| Overveen | 444V6 |
| Owthorp | 100V6 |
| Perpignan | 304, 408V6 |
| Peterborough | 36V6 |
| Quorn | 493V6 |
| Shelford | 109V6 |
| Uffington | 235V6 |
| Whaddon | 49, 77V6 |
| Winchester | 427V6 |
| Tyler, E. J.: | |
| The preservation of old church clocks | 428V6 |
| Zaanse en Friese Klokken (letter) | 450V6 |
| U | |
| Uffington church clock | 235V6 |
| Usher Art Gallery, Lincoln (letter) by C. Worswick | 450V6 |
| V | |
| Van Schie, J. W. A.: Clock rope (letter) | 451V6 |
| Venus, Transit of | 62V6 |
| Verge, In defence of the, (letter) by H. H. Knie | 163V6 |
| Vienna regulator | 460V6 |
| Visits |  |
| British Museum | 23V6 |
| Hungerford, Littlecote House | 231V6 |
| Waddeson Manor | 231V6 |
| London Museum | 305V6 |
| Speen Place, Newbury | 517V6 |
| Cambridge | 517V6 |
| W | |
| Wales, William | 65, 139, 192V6 |
| Ward, F. A. B.: An early anchor escapement (letter) | 162V6 |
| A newly discovered Graham timepiece | 360V6 |
| Watch cases, Hall marks on early | 441V6 |
| Watches, Coin (letter) by Anton O. Hofsetter | 375V6 |
| Watches, Coin | 307V6 |
| Watch by James Ferguson Cole, by Robert Burnett | 506V6 |
| Watch by Julien Le Roy, by Woolf Posner | 431V6 |
| Watch, Major Andre's, (letter) by Charles H. Roe | 375V6 |
| Watches seen on the Danish tour by R. H. A. Miles | 343V6 |
Watch wheels, Polygonal V6

Barnes, Richard 526 V6
Bradley, Langley 417 V6
Cole, J F. 506 V6
East, Edward 225 V6
Flote, George 170, 313 V6
Frodsham, G.E. 382 V6
Le Roy, Julien 137, 393, 431 V6
Le Roy, Pierre 135 V6
Levielle Aine 382 V6
Margetts, George 321, 350, 356 V6
Markham, Markwick and Perigal 381 V6
Mutt, Gerard 345 V6
Olsen 344 V6
Penn, Thomas 346 V6
Raabe 346 V6
Rossiter, George 329 V6
Tompion, Thomas 525 V6
Upjohn, James 170 V6
Vauchez 241 V6
Wanieke 13 V6
Wellington, Duke of 230 V6
Whatmore, D. J. & P. H., Turret clock by Richard Roe (letter) 36 V6
Winged lantern clock 273 V6
World clock by Jens Olsen 340 V6
Worsley, M. R.: Early turn-table clock (letter) 374 V6
Worswick, E.: Usher Art Gallery, Lincoln (letter) 450 V6
Z
Zaanse en Friese Klokken (letter) by E. J. Tyler 450
INDEX TO MAKERS

Heavy type indicates an illustration

A
Abel, Schrader and Abel 81
Adams, F. B., & Sons 32
Adamson, John 359
Adamy 81
Addis, William 483
Adeane, Henry 346
Ageron 81, 359
Ahrmann, Gerre 515
Aiwan 510
Aldworth, Samuel 510
Allam 331
Allam & Clements 3
Aman 479
Amyot, Peter 377
Andrews, John 7, 448
Ansonia Clock Company 520
Antram 415
Arboe 81
Arboe, Ottho Poulsen 337
Archer, Samuel 448
Armand 344
Armand, J. A. 344
Armand, J. V. 344
Armand, J. W. 337
Arnold 28, 67, 157, 450, 487, 507
Arnold, John 94, 139, 143, 190, 276-280, 285, 301, 515, 517
Arnold, John, and Son 185, 515
Arnold, John Roger 157, 293, 294, 295, 301, 303, 344, 359, 373, 510, 518
Arnold and Dent 94, 159, 301
Arnold and Frodsham 330
Ashley and Sims 296
Ashwell, Josiah 487
Asselin, Stephen 82, 157
Atkins, Francis 81
Atkins, Robert 483
Audemars, J. L. 162
Avnell 541
Aylward, John 38, 214
Aynsworth 178
B
Baddeley 310
Bagnal, R. 226
Bailey, John 415
Bailey, Samuel 510
Bain, Alexander 21, 483
Baker 254
Baker, Henry 508
Baker, Richard 483
Baley, Thomas 415
Baithasar, Charles 508
Banger, Edward 157, 232, 415, 544
Banks, John 82
Bannister, James 94
Barnes, Richard 526
Barnett, John 340
Baronneau, Louis 383
Barraud 94, 101, 121, 254, 301, 310, 359, 373, 448, 455, 514, 515
Barraud, Paul Philip 28, 510
Barraud and Lund 43, 157, 159
Barrow, John 82, 510
Barrow, Nathaniel 346
Barwise 82, 94, 226, 232, 303, 391
Bassnett, James, and Son 94
Bath, John Nicolay 81
Baulnier, Baschet 533
Beauvoir 81
Beech, John 526
Beer, John 515
Beguin 459
Benson, John 100
Bergeron, F. A. 94
Berridge, William 341
Berry, John 483
Berthoud 515
Berthoud, Ferdinand 82
Berthoud, Frères 515
Bertram, William 226
Best 515
Bétrand, Charles 82
Betts, Samuel 515
Bilbie, Edward 246, 359
Binn 3
Bird, Edward 528
Bird, John 63, 193
Bird, Michael 341
Biswanger, L. 342
Bitts, Samuel 226
Blackburn 490
Blanchard, Charles 391
Bockett, Richard 94
Bohn, Marcus 82
Bolboc, Johannes 301
Bonneur 341
Borrell, Henry 157
Botems 332
Bourchier 249
Bovell, Anthony 409
Bowell, G. B. 221
Bowyer, William 261
Bradley, Langley 365, 417
Bramer, Paulus 359
Brand, Geraedt 515
Brandt, J. 515
Brandt, Pieter 515
Breguet 82, 94, 159, 230, 310, 373, 415, 442, 444, 448, 515, 517
Breguet, A. L. 515
Breguet et Fils 159, 225, 301, 359, 448, 515
Brenner 81
Brenner, Steffen 336, 338, 340
Briggs, John 449
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brockbanks</td>
<td>28, 301, 415V6</td>
</tr>
<tr>
<td>Brockbanks &amp; Atkins</td>
<td>57V6</td>
</tr>
<tr>
<td>Brode, C. J.</td>
<td>336V6</td>
</tr>
<tr>
<td>Brooke, George</td>
<td>232V6</td>
</tr>
<tr>
<td>Buckingham, Jos.</td>
<td>82V6</td>
</tr>
<tr>
<td>Budgen, William</td>
<td>301V6</td>
</tr>
<tr>
<td>Buelach, George Jacob</td>
<td>341V6</td>
</tr>
<tr>
<td>Bull, Randolph</td>
<td>445V6</td>
</tr>
<tr>
<td>Bull, William</td>
<td>448, 537V6</td>
</tr>
<tr>
<td>Bullock and Davies</td>
<td>216V6</td>
</tr>
<tr>
<td>Bumel, Michael</td>
<td>159V6</td>
</tr>
<tr>
<td>Bundgaard</td>
<td>81V6</td>
</tr>
<tr>
<td>Burgis, Edward</td>
<td>168V6</td>
</tr>
<tr>
<td>Burpur, John</td>
<td>450V6</td>
</tr>
<tr>
<td>Buschmann</td>
<td>342, 510V6</td>
</tr>
<tr>
<td>Buschmann, Hans</td>
<td>338V6</td>
</tr>
<tr>
<td>Buschmann, John</td>
<td>341V6</td>
</tr>
<tr>
<td>Buttall</td>
<td>510V6</td>
</tr>
<tr>
<td>Cabinet, Findlay</td>
<td>303V6</td>
</tr>
<tr>
<td>Cabriel</td>
<td>157V6</td>
</tr>
<tr>
<td>Cabrier</td>
<td>415V6</td>
</tr>
<tr>
<td>Cabrier, Charles</td>
<td>159, 359, 510V6</td>
</tr>
<tr>
<td>Cameel, Caspar</td>
<td>345V6</td>
</tr>
<tr>
<td>Cameel, George</td>
<td>345V6</td>
</tr>
<tr>
<td>Camerer Cuss &amp; Co.</td>
<td>437V6</td>
</tr>
<tr>
<td>Carmichael, John</td>
<td>306V6</td>
</tr>
<tr>
<td>Cartwright, Thomas</td>
<td>232, 396V6</td>
</tr>
<tr>
<td>Caspeller, Johan Georg</td>
<td>337V6</td>
</tr>
<tr>
<td>Castens, Joh E.</td>
<td>515V6</td>
</tr>
<tr>
<td>Caygill, Christopher</td>
<td>341V6</td>
</tr>
<tr>
<td>Chandler, Anthony</td>
<td>78V6</td>
</tr>
<tr>
<td>Chandler, George</td>
<td>78V6</td>
</tr>
<tr>
<td>Chandler, Richard</td>
<td>78V6</td>
</tr>
<tr>
<td>Chantelet</td>
<td>82V6</td>
</tr>
<tr>
<td>Chardin, Robert</td>
<td>447V6</td>
</tr>
<tr>
<td>Charter, Christopher</td>
<td>489V6</td>
</tr>
<tr>
<td>Chater, James</td>
<td>483V6</td>
</tr>
<tr>
<td>Chevau</td>
<td>82V6</td>
</tr>
<tr>
<td>Churchill, Blencone</td>
<td>165V6</td>
</tr>
<tr>
<td>C.I.G.</td>
<td>165V6</td>
</tr>
<tr>
<td>Clark, Francis</td>
<td>36V6</td>
</tr>
<tr>
<td>Clarke, George</td>
<td>477V6</td>
</tr>
<tr>
<td>Clarke, Richard, &amp; Son</td>
<td>303V6</td>
</tr>
<tr>
<td>Clay, Charles</td>
<td>385V6</td>
</tr>
<tr>
<td>Clayton, George</td>
<td>511-514V6</td>
</tr>
<tr>
<td>Clement, William</td>
<td>78, 155, 162, 214, 417, 419V6</td>
</tr>
<tr>
<td>Clements, Robert</td>
<td>510V6</td>
</tr>
<tr>
<td>Clifton, Joseph</td>
<td>148, 153V6</td>
</tr>
<tr>
<td>Closon, Peter</td>
<td>263, 269, 383V6</td>
</tr>
<tr>
<td>Clowes, James</td>
<td>510, 550V6</td>
</tr>
<tr>
<td>Clowes, John</td>
<td>232, 471V6</td>
</tr>
<tr>
<td>Cock, John</td>
<td>82V6</td>
</tr>
<tr>
<td>Cole, James</td>
<td>94V6</td>
</tr>
<tr>
<td>Cole, James Ferguson</td>
<td>225, 226, 506V6</td>
</tr>
<tr>
<td>Cole, Thomas</td>
<td>228V6</td>
</tr>
<tr>
<td>Coliau</td>
<td>82V6</td>
</tr>
<tr>
<td>Name</td>
<td>Page Numbers</td>
</tr>
<tr>
<td>--------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Colley, Thomas</td>
<td>291(^V6)</td>
</tr>
<tr>
<td>Colston, Richard</td>
<td>214, 373(^V6)</td>
</tr>
<tr>
<td>Comber</td>
<td>308(^V6)</td>
</tr>
<tr>
<td>Condliff, James</td>
<td>304(^V6)</td>
</tr>
<tr>
<td>Coombe, William</td>
<td>139, 143, 285(^V6)</td>
</tr>
<tr>
<td>Cooper</td>
<td>454(^V6)</td>
</tr>
<tr>
<td>Cording, John</td>
<td>515(^V6)</td>
</tr>
<tr>
<td>Cornwell, Daniel</td>
<td>455(^V6)</td>
</tr>
<tr>
<td>Coster, Salomon</td>
<td>146(^V6)</td>
</tr>
<tr>
<td>Couer, père</td>
<td>82(^V6)</td>
</tr>
<tr>
<td>Coutier</td>
<td>415(^V6)</td>
</tr>
<tr>
<td>Cowan</td>
<td>27(^V6)</td>
</tr>
<tr>
<td>Cowan, James</td>
<td>94, 301(^V6)</td>
</tr>
<tr>
<td>Cowell, John</td>
<td>166(^V6)</td>
</tr>
<tr>
<td>Cox, James</td>
<td>56(^V6)</td>
</tr>
<tr>
<td>Crisp, James</td>
<td>475(^V6)</td>
</tr>
<tr>
<td>Cross, John</td>
<td>510(^V6)</td>
</tr>
<tr>
<td>Crouch, John</td>
<td>342(^V6)</td>
</tr>
<tr>
<td>Crucifex, John</td>
<td>515(^V6)</td>
</tr>
<tr>
<td>Cruttington, Thomas</td>
<td>402(^V6)</td>
</tr>
<tr>
<td>Culliford, John</td>
<td>327(^V6)</td>
</tr>
<tr>
<td>Cumberland, Bishop</td>
<td>208(^V6)</td>
</tr>
<tr>
<td>Cummings, Charles</td>
<td>159(^V6)</td>
</tr>
<tr>
<td>Cummings, Thomas</td>
<td>415(^V6)</td>
</tr>
<tr>
<td>Curtis, Lemmel</td>
<td>510(^V6)</td>
</tr>
<tr>
<td>Curvoisier</td>
<td>515(^V6)</td>
</tr>
<tr>
<td>Cutbush, John</td>
<td>82(^V6)</td>
</tr>
<tr>
<td>Dale, Thomas</td>
<td>515(^V6)</td>
</tr>
<tr>
<td>Davies, Joseph</td>
<td>82(^V6)</td>
</tr>
<tr>
<td>Davifs, Thomas</td>
<td>543(^V6)</td>
</tr>
<tr>
<td>Davis, John</td>
<td>79(^V6)</td>
</tr>
<tr>
<td>Day, Edmund</td>
<td>226(^V6)</td>
</tr>
<tr>
<td>Deacon</td>
<td>467(^V6)</td>
</tr>
<tr>
<td>Deacon, John</td>
<td>492(^V6)</td>
</tr>
<tr>
<td>Deacon, Samuel</td>
<td>437, 491, 492, 493(^V6)</td>
</tr>
<tr>
<td>Debaufre, James</td>
<td>344(^V6)</td>
</tr>
<tr>
<td>Dechame</td>
<td>510(^V6)</td>
</tr>
<tr>
<td>Decharmes, Simon</td>
<td>159(^V6)</td>
</tr>
<tr>
<td>Delagarde, Abraham</td>
<td>226(^V6)</td>
</tr>
<tr>
<td>Delandef, Daniel</td>
<td>56, 232(^V6)</td>
</tr>
<tr>
<td>Denizart</td>
<td>82(^V6)</td>
</tr>
<tr>
<td>Dent</td>
<td>94, 226, 296(^V6)</td>
</tr>
<tr>
<td>Dent, G.</td>
<td>82(^V6)</td>
</tr>
<tr>
<td>Desbois &amp; Wheeler</td>
<td>301(^V6)</td>
</tr>
<tr>
<td>Devis, John</td>
<td>301(^V6)</td>
</tr>
<tr>
<td>Dobson, Arl</td>
<td>226(^V6)</td>
</tr>
<tr>
<td>Dollond, Peter</td>
<td>63(^V6)</td>
</tr>
<tr>
<td>Donisthorp, Joseph</td>
<td>492(^V6)</td>
</tr>
<tr>
<td>Drills, John</td>
<td>515(^V6)</td>
</tr>
<tr>
<td>Drocourt</td>
<td>398(^V6)</td>
</tr>
<tr>
<td>Drocourt, Alfred</td>
<td>311, 483(^V6)</td>
</tr>
<tr>
<td>Drocourt Fils</td>
<td>337(^V6)</td>
</tr>
<tr>
<td>Drouet</td>
<td>81(^V6)</td>
</tr>
<tr>
<td>Droz, Jacquet</td>
<td>226(^V6)</td>
</tr>
<tr>
<td>Drury, John</td>
<td>94, 510(^V6)</td>
</tr>
<tr>
<td>Dubois fils</td>
<td>82(^V6)</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Dubois & Comp. 94V6
Duchene, Louis, et Fils 515V6
Duchesne 81V6
Duchesne, Claudius 326, 339V6
Duchesne, Johannes 232V6
Dudds, Joseph 104V6
Dunlop, Andrew 94V6
Dwerrihouse 510V6
Dwerrihouse & Carter 448V6

E
Earnshaw, Thomas 29, 140, 144, 157, 198, 202, 286, 373, 415, 518V6
East, Edward 153, 225, 226, 415V6
Ebsworth, John 94, 157V6
Eckhert 510V6
Edmunds, D. 166V6
Edwards, William 306V6
Eiffe 82V6
Ellicott, John 2, 63, 82, 94, 114, 139, 140, 143, 210, 232, 282, 284, 301, 346, 415, 448V6
Elliott, James 82V6
Emery, Josiah 29, 38, 94, 144, 226V6
Eppen. I. C. 344V6
Ernst 82V6
Etherington, George 56, 454V6
Etherington, John 81V6
Evans 454V6
Evans, W. F., & Sons 375, 450V6
Evill, W., & J. 465V6
Ewer, John 359V6
Eyre, Joseph 209V6
F
Fairey, John 94V6
Farmer, John 154V6
Farmer, Richard 157V6
Farry, William 391V6
Fats, Jan 515V6
Fayrer 292V6
Fecite 514V6
Fidelius 82V6
Field, Thomas 82V6
Finch, John 226V6
Finch, Thomas 484V6
Finch, William 346V6
Fisher, E. 216V6
Fisher, Samuel 157V6
Fladgate, John 333V6
Flavran 81V6
Flote, George 170, 313V6
Flournoy 81V6
Forest, John 310V6
Forsyth, James 82V6
Foster, John 94V6
Foster, Joseph 82V6
Fowler, G. 455V6
French 510V6
Frodsham 56V6
Frodsham, Charles 94, 303, 346, 359, 373, 466, 506V6
Frodsham, G. E. 382V6
<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frodsham, John</td>
<td>82</td>
</tr>
<tr>
<td>Frodsham, William</td>
<td>50, 510</td>
</tr>
<tr>
<td>Frodsham &amp; Baker</td>
<td>241, 310</td>
</tr>
<tr>
<td>Frodsham &amp; Keen</td>
<td>483</td>
</tr>
<tr>
<td>Fromanteel</td>
<td>8, 9, 76, 159, 402</td>
</tr>
<tr>
<td>Fromanteel, A.</td>
<td>113, 146, 157, 212, 233, 524</td>
</tr>
<tr>
<td>Fromanteel, Johannes</td>
<td>146, 270, 301</td>
</tr>
<tr>
<td>Fromanteel and Clarke</td>
<td>82, 157, 172</td>
</tr>
<tr>
<td>Furnace, George</td>
<td>50</td>
</tr>
<tr>
<td>Galle</td>
<td>342</td>
</tr>
<tr>
<td>Gambrell, Thomas</td>
<td>489</td>
</tr>
<tr>
<td>Gamier, Paul</td>
<td>82, 157, 311</td>
</tr>
<tr>
<td>Garon, Peter</td>
<td>454</td>
</tr>
<tr>
<td>Gault</td>
<td>509</td>
</tr>
<tr>
<td>Geist, Kilian</td>
<td>342</td>
</tr>
<tr>
<td>Gent &amp; Co, Ltd.</td>
<td>494</td>
</tr>
<tr>
<td>Gib, William</td>
<td>359</td>
</tr>
<tr>
<td>Gibbs, Richard</td>
<td>72, 196</td>
</tr>
<tr>
<td>Gibbs, William</td>
<td>513</td>
</tr>
<tr>
<td>Gibson</td>
<td>510</td>
</tr>
<tr>
<td>Gilbert, William L., Clock Co.</td>
<td>520</td>
</tr>
<tr>
<td>Gilkes, Richard</td>
<td>309</td>
</tr>
<tr>
<td>Gillet &amp; Johnson</td>
<td>379</td>
</tr>
<tr>
<td>Gilmore, John</td>
<td>391</td>
</tr>
<tr>
<td>Gloria</td>
<td>515</td>
</tr>
<tr>
<td>Glynne, Richard</td>
<td>359</td>
</tr>
<tr>
<td>Goddard, Isaac</td>
<td>124</td>
</tr>
<tr>
<td>Godefroy</td>
<td>137</td>
</tr>
<tr>
<td>Good, John</td>
<td>93</td>
</tr>
<tr>
<td>Goode, Charles</td>
<td>359</td>
</tr>
<tr>
<td>Goodwin, John</td>
<td>371</td>
</tr>
<tr>
<td>Gorde</td>
<td>82</td>
</tr>
<tr>
<td>Gordon, John</td>
<td>303</td>
</tr>
<tr>
<td>Gordon. Thomas</td>
<td>226</td>
</tr>
<tr>
<td>Gough, William</td>
<td>379</td>
</tr>
<tr>
<td>Gould, Christopher</td>
<td>56, 301, 359</td>
</tr>
<tr>
<td>Gout, Ralph</td>
<td>415</td>
</tr>
<tr>
<td>Goyer</td>
<td>320</td>
</tr>
<tr>
<td>Graham, Richard</td>
<td>451</td>
</tr>
<tr>
<td>Graham, William</td>
<td>515</td>
</tr>
<tr>
<td>Grant</td>
<td>514</td>
</tr>
<tr>
<td>Grant, John</td>
<td>448</td>
</tr>
<tr>
<td>Grant, William</td>
<td>510, 514</td>
</tr>
<tr>
<td>Gray, Benjamin</td>
<td>56, 359, 510</td>
</tr>
<tr>
<td>Gray, James</td>
<td>359</td>
</tr>
<tr>
<td>Gray, Thomas</td>
<td>359</td>
</tr>
<tr>
<td>Gravell and Tolkien</td>
<td>311</td>
</tr>
<tr>
<td>Greaves, Thomas</td>
<td>82</td>
</tr>
<tr>
<td>Green, James</td>
<td>510</td>
</tr>
<tr>
<td>Green, Joseph</td>
<td>402</td>
</tr>
<tr>
<td>Green, Peter</td>
<td>81</td>
</tr>
<tr>
<td>Green, Robert</td>
<td>359, 415</td>
</tr>
<tr>
<td>Green, William</td>
<td>81, 336</td>
</tr>
<tr>
<td>Gregoire</td>
<td>81</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Grenat, David 455V6
Gretton, Charles 301, 359, 415V6
Griffiths, Richard 415V6
Grignon, Daniel 510V6
Grignon & Sons 112V6
Grignon, Thomas 5, 21V6
Grignon, Thomas, and Son 226V6
Grimaldi and Johnson 323, 330V6
Grinkin, Robert 345V6

H
Habel, G. 342V6
Habrecht 226V6
Habrecht, Isaac 339, 341V6
Habrecht, Joachim 85V6
Habrecht, Josias 81V6
Hadley 63V6
Hall, Josph 100V6
Hall, Thomas 157V6
Hamlet 159V6
Hampson 467V6
Hamson, Robert 82V6
Handley & Moore 32, 380V6
Harper, Henry 339V6
Harris, C, 346V6
Harris, George 274V6
Harrison, Anthony 468V6
Harrison, James 21V6
Harrison, John 138, 159, 190, 208, 359V6
Harrison, William 192V6
Hart, Aaron 157V6
Hawkins, Ann 94V6
Hecley, Joseph 450V6
Helmsten, H. 515V6
Henriques 81V6
Herbert, Cornelius 157, 248V6
Herbert, Thomas 214V6
Hervé 345V6
Hester 93V6
Hewitt, John 359V6
Heyder, Jan 301V6
Hilderson, John 153V6
Hill, Matthew 392V6
Himley 515V6
Hindley, Henry 235, 439V6
Holloway, John 261V6
Holloway, William 267, 271V6
Holmes, John 50, 193V6
Hommert 226V6
Hooker 162V6
Hope, Charles 94V6
Houriet, F. 343V6
Howard, William 166V6
Howells, William 30V6
Hubert, David 226, 509V6
Hubert, Estienne 159V6
Hubert, Paul 239V6
Hughes, William 510V6
<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunter, Thomas</td>
<td>81, 82^v^6</td>
</tr>
<tr>
<td>Hurt, Henry</td>
<td>50^v^6</td>
</tr>
<tr>
<td>Ilbery</td>
<td>514^v^6</td>
</tr>
<tr>
<td>Ingram, E., &amp; Co.</td>
<td>520^v^6</td>
</tr>
<tr>
<td>Ives, Joseph</td>
<td>516, 520^v^6</td>
</tr>
<tr>
<td>Jackson, William</td>
<td>490^v^6</td>
</tr>
<tr>
<td>Jacobs and Lucas</td>
<td>232^v^6</td>
</tr>
<tr>
<td>Jacobsen, Aser</td>
<td>81^v^6</td>
</tr>
<tr>
<td>Jacot, Henri</td>
<td>311, 386, 483^v^6</td>
</tr>
<tr>
<td>Jahnson, J. J.</td>
<td>81^v^6</td>
</tr>
<tr>
<td>James &amp; Murray</td>
<td>57^v^6</td>
</tr>
<tr>
<td>Jamieson</td>
<td>514^v^6</td>
</tr>
<tr>
<td>Jamieson, George</td>
<td>30^v^6</td>
</tr>
<tr>
<td>Jamieson, James</td>
<td>301^v^6</td>
</tr>
<tr>
<td>Jarvis, John</td>
<td>223^v^6</td>
</tr>
<tr>
<td>Jefferson, Samuel</td>
<td>515^v^6</td>
</tr>
<tr>
<td>Jerome &amp; Co.</td>
<td>520^v^6</td>
</tr>
<tr>
<td>Johnson, William</td>
<td>330^v^6</td>
</tr>
<tr>
<td>Jones, Henry</td>
<td>153, 158, 301, 359^v^6</td>
</tr>
<tr>
<td>Jones, Thomas</td>
<td>294^v^6</td>
</tr>
<tr>
<td>Jörgensen, Jörgen, also see Jurgensen</td>
<td>343^v^6</td>
</tr>
<tr>
<td>Joseph, Samuel</td>
<td>166^v^6</td>
</tr>
<tr>
<td>Joyce family of Whitchurch</td>
<td>216-223, 307, 377^v^6</td>
</tr>
<tr>
<td>Julien</td>
<td>306^v^6</td>
</tr>
<tr>
<td>Jump. J. &amp; A.</td>
<td>510^v^6</td>
</tr>
<tr>
<td>Jurgensen</td>
<td>444^v^6</td>
</tr>
<tr>
<td>Jurgensen, Frederick</td>
<td>81^v^6</td>
</tr>
<tr>
<td>Jurgensen, Urban</td>
<td>81, 345, 346, 515^v^6</td>
</tr>
<tr>
<td>Jurgensen family</td>
<td>343^v^6</td>
</tr>
<tr>
<td>Just</td>
<td>448^v^6</td>
</tr>
<tr>
<td>K</td>
<td>342^v^6</td>
</tr>
<tr>
<td>Kafood, John</td>
<td>491^v^6</td>
</tr>
<tr>
<td>Kellam, Thomas</td>
<td>415^v^6</td>
</tr>
<tr>
<td>Kelley, James &amp; Andrew</td>
<td>138, 177, 190, 200, 276^v^6</td>
</tr>
<tr>
<td>Kent, Joseph</td>
<td>94^v^6</td>
</tr>
<tr>
<td>Kinable</td>
<td>359^v^6</td>
</tr>
<tr>
<td>King, Peter</td>
<td>402^v^6</td>
</tr>
<tr>
<td>King, William</td>
<td>479^v^6</td>
</tr>
<tr>
<td>Kintzing</td>
<td>81^v^6</td>
</tr>
<tr>
<td>Kipling, William</td>
<td>82, 359, 515^v^6</td>
</tr>
<tr>
<td>Klein, J. H.</td>
<td>515^v^6</td>
</tr>
<tr>
<td>Klein, Lorentz</td>
<td>81^v^6</td>
</tr>
<tr>
<td>Klute, C. W.</td>
<td>301^v^6</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>94, 359^v^6</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>78, 157, 256, 301, 334, 359, 406, 517^v^6</td>
</tr>
<tr>
<td>Knibb, Samuel</td>
<td>152^v^6</td>
</tr>
<tr>
<td>Knie, H. H.</td>
<td>164^v^6</td>
</tr>
<tr>
<td>Knight</td>
<td>172^v^6</td>
</tr>
<tr>
<td>Knowle</td>
<td>157^v^6</td>
</tr>
<tr>
<td>Köberle, Wilhölmus</td>
<td>226^v^6</td>
</tr>
<tr>
<td>Köliner, J. G.</td>
<td>345^v^6</td>
</tr>
<tr>
<td>Kullberg, Victor</td>
<td>296, 373, 522^v^6</td>
</tr>
<tr>
<td>L</td>
<td>8^v^6</td>
</tr>
<tr>
<td>Lagarde</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Page(s)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Lakin, John</td>
<td>137 V6</td>
</tr>
<tr>
<td>Lambrechts, S. C.</td>
<td>82 V6</td>
</tr>
<tr>
<td>Lange</td>
<td>110 V6</td>
</tr>
<tr>
<td>Langdon, Davis &amp; Co.</td>
<td>163 V6</td>
</tr>
<tr>
<td>Langlois, C.</td>
<td>301 V6</td>
</tr>
<tr>
<td>Laresche</td>
<td>82 V6</td>
</tr>
<tr>
<td>Larpent, Isaac</td>
<td>343 V6</td>
</tr>
<tr>
<td>Larpent &amp; Jurgensen</td>
<td>81, 342, 515 V6</td>
</tr>
<tr>
<td>Latimer and Miller</td>
<td>82 V6</td>
</tr>
<tr>
<td>Lawrence</td>
<td>94 V6</td>
</tr>
<tr>
<td>Lea, John</td>
<td>487 V6</td>
</tr>
<tr>
<td>Leah, Samuel</td>
<td>157, 310 V6</td>
</tr>
<tr>
<td>Le Bagne</td>
<td>82 V6</td>
</tr>
<tr>
<td>Ledoux</td>
<td>226 V6</td>
</tr>
<tr>
<td>Lee, Cuthbert</td>
<td>399 V6</td>
</tr>
<tr>
<td>Lee, Roger</td>
<td>470, 486 V6</td>
</tr>
<tr>
<td>Lee, William</td>
<td>490 V6</td>
</tr>
<tr>
<td>Lefaucher</td>
<td>231 V6</td>
</tr>
<tr>
<td>Lenaute, Henri</td>
<td>82 V6</td>
</tr>
<tr>
<td>Lepaute, Jean André</td>
<td>82 V6</td>
</tr>
<tr>
<td>Lepaute, Jean Baptiste</td>
<td>82 V6</td>
</tr>
<tr>
<td>Lepine</td>
<td>82, 451, 515 V6</td>
</tr>
<tr>
<td>Leroy</td>
<td>301, 415, 510 V6</td>
</tr>
<tr>
<td>Leroy, Charles</td>
<td>82, 515 V6</td>
</tr>
<tr>
<td>Leroy, Julien</td>
<td>135, 393, 431 V6</td>
</tr>
<tr>
<td>Leroy, Matthieu</td>
<td>510 V6</td>
</tr>
<tr>
<td>Leroy, Pierre</td>
<td>81, 135, 431 V6</td>
</tr>
<tr>
<td>Leroy et Fils</td>
<td>94, 311, 398 V6</td>
</tr>
<tr>
<td>Lessieur</td>
<td>94 V6</td>
</tr>
<tr>
<td>Le Sturgeon, David</td>
<td>82, 226 V6</td>
</tr>
<tr>
<td>Levi, Leon</td>
<td>510 V6</td>
</tr>
<tr>
<td>Levielle aine</td>
<td>382 V6</td>
</tr>
<tr>
<td>Lewton, George</td>
<td>359 V6</td>
</tr>
<tr>
<td>Liechti, Ulrich and Andreas</td>
<td>438 V6</td>
</tr>
<tr>
<td>Liechti family</td>
<td>83 V6</td>
</tr>
<tr>
<td>Lindholm, Carl</td>
<td>81 V6</td>
</tr>
<tr>
<td>Lince</td>
<td>515 V6</td>
</tr>
<tr>
<td>Lister, Thomas</td>
<td>232 V6</td>
</tr>
<tr>
<td>Litherland, P.</td>
<td>344 V6</td>
</tr>
<tr>
<td>Litherland &amp; Co.</td>
<td>373 V6</td>
</tr>
<tr>
<td>Litherland, Davies &amp; Co.</td>
<td>94, 415, 514 V6</td>
</tr>
<tr>
<td>Loomes, Thomas</td>
<td>377 V6</td>
</tr>
<tr>
<td>Lough, Hugh</td>
<td>1, 24 V6</td>
</tr>
<tr>
<td>Lowndes, Jonathan</td>
<td>341, 448, 510 V6</td>
</tr>
<tr>
<td>Lundback, O.</td>
<td>82 V6</td>
</tr>
<tr>
<td>Lundstedt, A.</td>
<td>515 V6</td>
</tr>
<tr>
<td>Lyon, Benjamin</td>
<td>72, 196 V6</td>
</tr>
<tr>
<td>Lyons, Richard</td>
<td>237 V6</td>
</tr>
<tr>
<td>Mackay, J. &amp; C.</td>
<td>415 V6</td>
</tr>
<tr>
<td>MacLennan, Kenith</td>
<td>483 V6</td>
</tr>
<tr>
<td>MacPherson</td>
<td>55 V6</td>
</tr>
<tr>
<td>Malbranche, Jas.</td>
<td>94 V6</td>
</tr>
<tr>
<td>Mänson, Johannes</td>
<td>340 V6</td>
</tr>
<tr>
<td>March, Jonathan</td>
<td>82 V6</td>
</tr>
<tr>
<td>Marchand</td>
<td>309 V6</td>
</tr>
<tr>
<td>Marchant, Samuel</td>
<td>159 V6</td>
</tr>
</tbody>
</table>
Margaine, Arsene 311V6
Margetts. George 158, 321, 350-358, 45V6
Markham, George 94V6
Markham, Markwick 226, 303, 381, 514V6
Markwick 81, 415, 510V6
Markwick James 515V6
Marseille, M. 303V6
Martin 159V6
Martin, John 373V6
Martin, Thomas 333V6
Martinot, Balthazar 515V6
Martinot, J. 82V6
Mason, John 375, 524V6
Massey 94, 232V6
Massey, Henry 510V6
Massey, Nicholas 359V6
Masterman, G. 346V6
Mathieson 81V6
Mathieson, Peter 342V6
Mathieu 82V6
Matthews, William 191V6
May, John 341, 448, 515V6
Mays, Jacob 340V6
Mazzi, Jean Baptiste 130V6
McCabe, James 94, 157, 159, 249, 301, 359, 415, 483, 514V6
McDonald John 232V6
McGregor, D., & Co. 57V6
McKenzie, John 448V6
Mercer, Thomas 226, 301, 415V6
Merck, Johann 343V6
Meredith, John 82V6
Metzker, Jeremias 231V6
Michael & Son 510V6
Michelez 94V6
Miles, H. W. 308, 453V6
Miller, A. & D. 157, 415V6
Milles, Thomas 490V6
Mills, Humphrey 470V6
Milroy 448V6
Mitchell, J. 81V6
Mitchelson 510V6
Molyneux 294V6
Monk, Jonathan 140, 193V6
Monkhouse, James 24, 100V6
Moore 94V6
Moore, John, & Sons 32V6
Morice 310V6
Morice, David 531V6
Morin, Pierre 82V6
Morris, Edward 432V6
Moss, Thomas 168V6
Mudge, Thomas 25, 29, 38, 100, 191V6
Mudge & Dutton 3, 518V6
Muiron, G. 515V6
Murray, James 232, 309V6
Murray, William 309V6
Mut, Gerard 345, 449V6
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

| N  | Nardin, Ulysse | 301^v6 |
| N  | Nauta, Jacobus | 521^v6 |
| N  | Nicholson, B.  | 94^v6  |
| N  | Nicole Frères  | 183, 478^v6 |
| N  | Nomolas         | 348^v6 |
| N  | Norton, Eardley | 226, 232, 301, 377, 415, 515^v6 |
| N  | Nowe, Franois   | 260^v6 |
| O  | Oakley, John    | 166^v6 |
| O  | Oldamson et Millenet | 346^v6 |
| O  | Olsen, lens     | 340, 344^v6 |
| P  | Packer & Taylor | 157^v6 |
| P  | Paillet, D.     | 301, 510^v6 |
| P  | Parker, Thomas  | 467^v6 |
| P  | Parkinson & Frodsham | 226, 359, 415^v6 |
| P  | Patch, William  | 310^v6 |
| P  | Patton, Robert  | 226^v6 |
| P  | Payne           | 323^v6 |
| P  | Penn, Thomas    | 346^v6 |
| P  | Pennington      | 30^v6  |
| P  | Pennington, Robert | 301^v6 |
| P  | Perigal, Francis| 157, 226, 303, 381, 514, 543^v6 |
| P  | Perret, Theodore| 508^v6 |
| P  | Petitpierre, Frederick | 515^v6 |
| P  | Philip, Robert  | 253^v6 |
| P  | Picard, Henry   | 342^v6 |
| P  | Pickering, Dr. R. N., | 36, 308, 378, 453, 529^v6 |
| P  | Pinchbeck, Edward| 543^v6 |
| P  | Planchet        | 81^v6  |
| P  | Potter, Henry   | 415^v6 |
| P  | Pourvis, Jemes  | 260^v6 |
| P  | Pay, Godfrie    | 359^v6 |
| P  | Preudhomme      | 81^v6  |
| P  | Prevost, William| 359, 510^v6 |
| P  | Price & Evans   | 166^v6 |
| P  | Prime, Abraham  | 374, 452^v6 |
| P  | Prior, Edward   | 94, 159, 415, 514^v6 |
| P  | Prior, George   | 93, 94, 226, 454, 510, 515^v6 |
| P  | Puckridge, Ch.  | 94^v6  |
| P  | Puller, Jonathan| 81^v6  |
| P  | Pybus, William  | 359^v6 |
| Q  | Quare, Daniel   | 21, 81, 94, 128, 157, 182, 226, 231, 301, 344, 370, 510^v6 |
| Q  | Quare & Horsemam| 157, 448^v6 |
| Q  | Quesnel, Michael| 157^v6 |
| R  | Raabe           | 13^v6  |
| R  | Rabby           | 82^v6  |
| R  | Radeloff, Nichol| 162, 233, 338, 339^v6 |
| R  | Rand, William   | 391^v6 |
| R  | Raviro, G.      | 81^v6  |
| R  | Rayment, Richard| 359^v6 |
| R  | Rayment, William| 510^v6 |
| R  | Recordon        | 94, 157, 359^v6 |
| R  | Recordon, Louis | 515^v6 |
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Recordon & Dupont 108V6
Rede, John 526V6
Reed, C. B. 308, 378V6
Reed, James 231V6
Reid 82V6
Reynard, Christian 301V6
Richards, J. 94V6
Rigby 226V6
Rimbault, Stephen 359V6
Riollaine 81V6
Robbins, Thomas 232V6
Robert & Courvoisier 359V6
Roberts, William 514V6
Robins, Thomas 81V6
Robinson, Francis 181V6
Robinson, Joseph 403V6
Robinson & Venables 415V6
Rodwell 455V6
Roe, Richard 36, 100V6
Roentgen, David 81V6
Roentgen et Vinzing 81V6
Roepke 122V6
Rogers, Isaac 94, 301, 415V6
Rogers, John 515V6
Romilly 515V6
Roque, Jean Leonhard 81V6
Roskell, Robert 159, 226, 258, 310, 359, 514V6
Rossiter, George 329V6
Roth 415V6
Rowe, James 514V6
Rowlands, J. L. 81V6
Rupert, Prince 162V6
Russell, B. 244V6

S
Sadleir, Samuel 226V6
Sadler, Robert 479V6
Safford, Thomas 78, 162, 418, 517V6
Scafe, William 159, 415V6
Schlage, Jacob 339V6
Schmidt, Otto Heinrich 81V6
Schneeberger, Hans 339V6
Seddon, Nat. 226V6
Seignior, Robert 82, 341V6
Sequier, J. P. 515V6
Sewill, Joseph 327V6
Shan, Jno. 415V6
Sheafe, William 510V6
Shearer, James 82V6
Shelton, John 63, 94, 140, 176, 193, 209, 281-284, 290V6
Shepherd, J. S. 94V6
Shepherd, Robert 415V6
Short, James 63V6
Shrimpton, Thomas 75V6
Sidy, B. 514V6
Simms, William 278V6
Simpson & Roberts 359V6
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Sincke, Jah Jacob 339
Sisson, Jonathan 207
Skinner, John 50
Smeaton, John 70
Smit, J. L. 520
Smith, Bolton 301
Smith, James 166
Smith, John 235, 304
Smith, John, & Sons 216, 307
Smith, Joseph 165
Smith, L., & Sons 308, 376
Smith, Oliver 510
Smith, S., & Son 327
Smith, William 81
Smith & Son 515
Snow, John 265, 267
Soldano 473
Sone, T. 527
Sotian 82
Speakman, William 178, 254
Spencer 415
Spencer & Perkins 240, 255
Spendlove, Henry 391
Spiegelhalter, G., & Co. 474
Stanton, Edward 155, 232
Staples, James 226
Starling, Charles 166
Steevens, George 510
Steinbeck, Hans 81
Still, Francis 157
Stock, Jakes 82
Stockell & Stuart 510
Stockton 226
Stow, Robert 166
Strigel, Geo. Phi. 82
Swinerton, Thomas 39, 526
Symonds, John 377
T
Talbot, Thomas 511
Tarts 510, 514
Taylor, Andrew 329
Taylor, Jasper 402
Taylor, John 301, 467, 511
Taylor, Packer & Co. 157
Terry, Eli 516, 521
Thiout, Antoine 82
Thomas, Jas. 157
Thomas, Seth 521
Thornhill, J. D. 94
Thornton, Henry 508
Thornton, John 94
Thouverez 132
Thuret 383
Thuret, Jacques 81
Thurmott, E. 376
Thwaites, James 415
Thwaites & Reed 510
Thymen, P. G. 415V6
Titheron, John 359V6
Tobias 303V6
Tomlinson, William 402V6
Tompion, Thomas 20, 78, 82, 94, 119, 128, 157, 178, 226, 232, 301, 327, 365, 415, 525, 544V6
Tompion & Banger 415, 448, 544V6
Toulmin, Samuel 515V6
Townly, William & John 234V6
Tracey, Steven 383V6
Trebor, James 82V6
Tregent, Andrew 481V6
Tregent, James 50V6
Tribe, John 273V6
Trubshaw, John 448V6
Tyler, George 226, 415, 510V6
U
Unghans 524V6
Upjohn, Jas. 170V6
Upjohn, Richard 415V6
Usher and Cole 94, 301V6
V
Vacheron & Constantin 415V6
Vallin, Nicholas 260V6
Van Ceulen 82V6
Von Ceulen, Johannes 226, 340, 379V6
Van de Cruse 82V6
Vaucuez 241V6
Verow, John 492V6
Viall, R. 157V6
Viner 226V6
Viner, Charles Edward 82V6
Viner & Co. 94, 514V6
Vines, Mat. 510V6
Visbach, Pieter 245, 299V6
Vise, William 415V6
Vulliamy 19, 226, 232, 415V6
Vulliamy, Benjamin 82V6
Vulliamy, B. L. 330V6
Vulliamy, Justin 94, 157, 359, 510, 543V6
W
Wagner, J. H. 340V6
Wagstaffe, Thos. 94V6
Wählin, Theodor 343V6
Walker, Peter 82V6
Waller, John 515V6
Wallerius 515V6
Waniek 13V6
Warren, W. 510V6
Watkins & Smith 226V6
Watson, Samuel 327, 359, 397V6
Watts, Brounker 232, 303V6
Watts, John 36V6
Webb, Richard 415V6
Webster, Richard 94, 510V6
Webster, William 81, 157, 226, 339, 359, 383, 514V6
Weckherlin, Elias 94V6
Weeks 48V6
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Weldon, Samuel 415V6
Wells, William 455V6
Wester 82V6
Western Clock Mfg. Co. 520V6
Whichcote, Samuel 232V6
Whitbread, William 157V6
White, Joseph 185V6
Whitehurst 94, 157, 415V6
Wideman, Jacob 340V6
Wied, M. 336V6
Wijbrandi family 521V6
Wild, James 415V6
Wilkins, John 448, 487V6
Willard, S., & Son 330V6
Williamson, Joseph 157V6
Williamson, Robert 94, 232, 399V6
Wilson 310V6
Wilson, Jas. 166, 415V6
Windmills, Joseph 82, 157, 172, 232, 301, 340, 510V6
Windmills, Thomas 81,301V6
Wise, John 81, 157, 175, 301, 337V6
Wise, Joseph 416V6
Witte, Jacob Nicolay 515V6
Wontner, John 94V6
Wood, Ben, 510V6
Wood, Joseph 82, 341V6
Wood, Robert 510V6
Woodruff 35V6
Worthington, John 483V6
Wrench, Edward 511V6
Wright, Thomas 254V6
Wright, William 166V6
Y
Yardley, Wm. 94V6
Yonge, George 157V6
Z
ZH 342V6
Officers and Members of the Council and Committees

September, 1970

President: THE RT. HON. THE LORD HARRIS

Vice-President: COLONEL H. QUILL

Chairman: C. B. DROVER Vice-Chairman: Dr. F. A. B. WARD Hon. Treasurer: B. G. DUMONT Hon. Secretary: J. C. STEVENS

Hon. Membership Secretary: E. TRUNDELL Hon. Minutes Secretary: Mrs. P. J. NASH Technical Enquiry Officer: J. H. F. WADSWORTH Advertising Agent: J. ARTHUR COOK

COUNCIL

C. K. AKED (Chairman Library Committee), E. F. BUNT, CECIL CLUTTON, PERCY G. DAWSON,
R. K. FOULKES, G. HEYWOOD (Northern Section Representative), M. G. HURST, R. J. LAW,
T. O. ROBINSON (Book Review Editor), F. H. SCHROEDER, E. E. G. STREET (Editor, Antiquarian Horology).


PUBLICATIONS Committee

Chairman and Secretary: T. O. ROBINSON, E. E. G. STREET (Editor, Antiquarian Horology).

LIBRARY COMMITTEE

Chairman and Curator: C. K. AKED, E. F. BUNT, E. J. TYLER.

NORTHERN SECTION

Chairman: C. D. MARRABLE, Hon. Secretary: R. R. SHARPE, Hon. Treasurer: Dr. K. ANDERTON

ELECTRICAL HOROLOGY GROUP

Chairman: C. K. AKED, Secretary: A. MITCHELL, E. LLOYD THOMAS.

PUBLICATIONS DEPARTMENT

INDEX TO VOLUME SEVEN  
(DECEMBER 1970 TO SEPTEMBER 1972)

Compiled by Lawrance Hurst

| General Index (omitting makers) | 762 |
| Index of Makers | 770 |
| List of Officers, Council and Committees | 775 |

PAGINATION OF THE JOURNAL

<table>
<thead>
<tr>
<th>Issue Number</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>December, 1970</td>
<td>1-96</td>
</tr>
<tr>
<td>TWO</td>
<td>March, 1971</td>
<td>97-180</td>
</tr>
<tr>
<td>THREE</td>
<td>June, 1971</td>
<td>181-268</td>
</tr>
<tr>
<td>FOUR</td>
<td>September, 1971</td>
<td>269-376</td>
</tr>
<tr>
<td>FIVE</td>
<td>December, 1971</td>
<td>377-472</td>
</tr>
<tr>
<td>SIX</td>
<td>March, 1972</td>
<td>473-576</td>
</tr>
<tr>
<td>SEVEN</td>
<td>June, 1972</td>
<td>577-660</td>
</tr>
<tr>
<td>EIGHT</td>
<td>September, 1972</td>
<td>661-760</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>761-774</td>
</tr>
</tbody>
</table>
GENERAL INDEX [Omitting Makers]

Heavy type indicates an illustration

A

Act of Parliament clock by\textsuperscript{V7}
  Berry, Robert \textsuperscript{267V7}
  Clarke, William \textsuperscript{267V7}
  Duck, Richard \textsuperscript{267V7}
  Johnson \textsuperscript{667V7}
  Payne, John \textsuperscript{267V7}

Aids to cleaning \textsuperscript{722V7}

Aked, C. K.:\textsuperscript{V7}
  Benjamin Martin (letter) \textsuperscript{360V7}
  Electricity, Magnetism and Clocks \textsuperscript{398V7}
  Ferguson's first (letter) \textsuperscript{360V7}
  Murdzy's electrically driven balance wheel clock \textsuperscript{56V7}
  The Yellow Emperor's south-pointing chariot (letter)\textsuperscript{551V7}
  Thomas Harland (letter) \textsuperscript{359V7}
  William Derham (letter) \textsuperscript{356V7}
  Yorkshire makers (letter) \textsuperscript{159V7}

Allix, C., and G Brusa\textsuperscript{V7}
  Julien & Pierre Le Roy \textsuperscript{598V7}
  The de Baufre genre \textsuperscript{447V7}

American watches (letter) by M. D. Schwartz \textsuperscript{445V7}

Anchor escapement, The\textsuperscript{V7}
  (letter) by R. T. Gwynn \textsuperscript{161V7}
  (letter) by A. J. Turner \textsuperscript{252V7}
  (letter) by G. S. White \textsuperscript{249V7}

Anchor escapement, The invention of the \textsuperscript{225V7}

Annual General Meeting \textsuperscript{349, 732V7}

Asprey's exhibition of marine chronometers \textsuperscript{729V7}

Astronomical clock by Heinrich Gebbard \textsuperscript{377V7}

Astronomical clock at Hampton Court Palace \textsuperscript{626V7}

Atmos clock by J. L. Reutter \textsuperscript{373V7}

Australian convention \textsuperscript{629V7}

Auction prices \textsuperscript{66, 152, 235, 341, 434, 537, 630, 724V7}

B

Baillie's bibliography \textsuperscript{443V7}

Baily, Francis \textsuperscript{18V7}

Baker, S. M.: Carriage clock by E. J. Dent (letter) \textsuperscript{254V7}

Baldwin's patent case \textsuperscript{383V7}

Balloon clock by Weekes \textsuperscript{246V7}

Barnard clock, The \textsuperscript{152V7}

Barograph clock by Alexander Cumming \textsuperscript{396V7}

Barometer by\textsuperscript{V7}
  Betlatti, C., & Son \textsuperscript{562V7}
  Bregazzi, P \textsuperscript{591V7}
  Deck \textsuperscript{562V7}
  Dollond \textsuperscript{562V7}
  Maggio \textsuperscript{562V7}
  Silberrad \textsuperscript{562V7}
  Torre \textsuperscript{488V7}

Barraud, Miss Enid (obit.) \textsuperscript{699V7}

Bath provincial meeting \textsuperscript{634V7}

BDMN (letter) by W. P. Hutchinson \textsuperscript{355V7}

Beer, M.: Daniel Quare (letter) \textsuperscript{741V7}

Beeson Room, The \textsuperscript{638V7}
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Bellchambers, Jack (obit.) 148

Bentley earth driven electrical clock (letter) by F. G. A. Shenton 555

Bertele, Prof. Dr. H. von: The story of the Cinderella clock 134

Big Ben 228

Biggs of Maidenhead 224

Bird, Anthony:

Dickens and horology (letter) 159

Sedan chair clocks (letter) 159, 356, 553

Block, Wolfram: The Radeloff cross beat clock of 1660 700

Board of Longitude 704

Book reviews

Abbott, Henry G.: The Art of Hard Soldering 632

Abeler, Jurgen: Das Wuppertaler Uhrenmuseum 539

American Waltham Watch Co.: Materials 1885 632

American Waltham Watch Co.: Information concerning the construction of a Pocket Watch 1890 632

American Watch Co.: Souvenir Catalogue 1884/5 632

A.N.C.A.H.A. (French Society) Bulletin No.6 344

Australasian Antique Collector, The 437

Beeson, C. F. C.: English Church Clocks 728

Borland, Kathryn Kilby, & Helen Ross Speicher: Clocks from Shadow to Atom 67

Britten, F. J.: Old Clocks and Watches and their Makers 539

Brown, H. Miles: Cornish Clocks and Clockmakers 67

Colchester, L. S.: The Wells Clock 346

Coole, P. G., & E. Neumann: The Orpheus Clocks 727

Crossman, Charles S.: The Complete History of Watchmaking in America 435

Cuss, T. P. Camerer: Early Watches 347

de Carte, Donald: The Watchmaker's Lathe 347

Detente "': Repairing American Watches 632

Drummond Robertson, J.: The Evolution of Clockwork 726

Edwardes, Ernest L.: The Grandfather Clock 435, 547

Elgin Reminiscences 1869, 1873 632

Etchells, C. T.: Repairing Repeating Watches 632

F.A.U.: Helft X 237

Gibbs, James W.: The Deuber-Hampden Story 539

The Life and Death of the Ithica Calendar Clock Company 539

Guye, Samuel, & Henri Michel Time & Space 347

Howard Watch & Clock Co.: Illustrated catalogue, 1874 728

Ingatestone & Fryer & Ingatestone & Fryer & Archeological Soc. Trans., No.9 437

Ingraham, E., & Co.: Illustrated Catalogue and Price list, 1880 728

Learned, W. B.: Watchmaker and Machinists' Hand Book, 1897 632

Leopold, J. H.: The Almanus Manuscript 727

Lloyd, H. Alan: Old Clocks 239

Loomes, Brian: Yorkshire Clockmakers 728

Marouf: Auction catalogue 436, 729

Mercer, R. Vaudrey: John Arnold & Son 726

Morpurgo, Enrico: List of Dutch Clock & Watch Makers from 1300 155

Neumarkt, Galerie am: Auction Catalogue 237, 436, 729

Pesch, K. G., Messrs.: Collection of musical boxes 155

Rees' Cyclopedia: Horological Excerpts 345

Ries, F. C.: Watch Cleaning and Repairing 632

Ulyett, Kenneth: Watch Collecting 344

Zeeman, J.: De Nederlandse Stoelklok 237

Zeller, Michael: Auction Catalogue 345, 437, 632

Bracket clock by

Allam & Clements 270

Anon 12, 85, 105
<table>
<thead>
<tr>
<th>Name</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bennett</td>
<td>64 V7</td>
</tr>
<tr>
<td>Coopet, T. F.</td>
<td>571 V7</td>
</tr>
<tr>
<td>Du Chesne, Claudius</td>
<td>679 V7</td>
</tr>
<tr>
<td>Dwerrihouse, Ogston &amp; Bell</td>
<td>672 V7</td>
</tr>
<tr>
<td>Edwards, James</td>
<td>390 V7</td>
</tr>
<tr>
<td>Ellicott, John</td>
<td>580 V7</td>
</tr>
<tr>
<td>French</td>
<td>673 V7</td>
</tr>
<tr>
<td>Fromanteel</td>
<td>371 V7</td>
</tr>
<tr>
<td>Gould, Christopher</td>
<td>270 V7</td>
</tr>
<tr>
<td>Graham, George</td>
<td>582 V7</td>
</tr>
<tr>
<td>Gretton, Charles</td>
<td>581 V7</td>
</tr>
<tr>
<td>Grignon, Thomas</td>
<td>195 V7</td>
</tr>
<tr>
<td>Hindley, Henry</td>
<td>651 V7</td>
</tr>
<tr>
<td>Hughes, Thomas</td>
<td>661 V7</td>
</tr>
<tr>
<td>Jones, Henry</td>
<td>695 V7</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>760 V7</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>536 V7</td>
</tr>
<tr>
<td>Lee, Cuthbert</td>
<td>577 V7</td>
</tr>
<tr>
<td>Lowndes, Jonathan</td>
<td>760 V7</td>
</tr>
<tr>
<td>Molyneux</td>
<td>101 V7</td>
</tr>
<tr>
<td>Morice, D. &amp; W.</td>
<td>276 V7</td>
</tr>
<tr>
<td>Perigal &amp; Browne</td>
<td>336 V7</td>
</tr>
<tr>
<td>Pistor, Edmund</td>
<td>380 V7</td>
</tr>
<tr>
<td>Pratt</td>
<td>470 V7</td>
</tr>
<tr>
<td>Purden, Jonathan</td>
<td>477 V7</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>475 V7</td>
</tr>
<tr>
<td>Quare &amp; Horseman</td>
<td>578 V7</td>
</tr>
<tr>
<td>Robinson, Francis</td>
<td>579 V7</td>
</tr>
<tr>
<td>Seddon, John</td>
<td>97 V7</td>
</tr>
<tr>
<td>Seddon, Nathaniel</td>
<td>135 V7</td>
</tr>
<tr>
<td>Smith, J. J.</td>
<td>137 V7</td>
</tr>
<tr>
<td>Taylor, John</td>
<td>725 V7</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>180 V7</td>
</tr>
<tr>
<td>Tompion &amp; Banger</td>
<td>182 V7</td>
</tr>
<tr>
<td>Tucker, John</td>
<td>495 V7</td>
</tr>
<tr>
<td>Turner, Thomas</td>
<td>663 V7</td>
</tr>
<tr>
<td>Wade, Burtt</td>
<td>9 V7</td>
</tr>
<tr>
<td>Wilkins, George</td>
<td>16 V7</td>
</tr>
<tr>
<td>Wise, Thomas</td>
<td>759 V7</td>
</tr>
<tr>
<td>Brasseur, Harry: Lantern clock by Tompion ? (letter)</td>
<td>444 V7</td>
</tr>
<tr>
<td>Briggs, P. D.: Meccano clocks (letter)</td>
<td>162 V7</td>
</tr>
<tr>
<td>British Horological Institute</td>
<td>735 V7</td>
</tr>
<tr>
<td>Brusa, G.: Progenitor of the de Baufre escapement</td>
<td>447 V7</td>
</tr>
<tr>
<td>Brusa, G., &amp; C. Allix: V7</td>
<td>546 V7</td>
</tr>
<tr>
<td>Julien &amp; Pierre Le Roy</td>
<td>598 V7</td>
</tr>
<tr>
<td>The de Baufre genre</td>
<td>447 V7</td>
</tr>
<tr>
<td>Bulle electrical clock</td>
<td>412 V7</td>
</tr>
<tr>
<td>Burchall, Adrian: V7</td>
<td>551 V7</td>
</tr>
<tr>
<td>Painted dials</td>
<td>255 V7</td>
</tr>
<tr>
<td>Sedan chair clocks</td>
<td>453 V7</td>
</tr>
</tbody>
</table>

Burgess, Martin: V7

The grasshopper escapement | 416 V7
The grasshopper escapement (letter) | 546 V7

C

Carillon, A 12th century, in Jerusalem (letter) by A. Heathcote 357 V7
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

| Carillon clock, 17th century | 491V7 |
| Carriage clock by V7 | Anon 262, 371, 485, 557, 565, 587, 674V7 |
| Barraud & Lund | 665V7 |
| Barrie | 381V7 |
| Barwise | 15V7 |
| Breguet | 336V7 |
| Dent | 189V7 |
| Dent, E. J. | 253V7 |
| Drocourt, Alfred | 487, 643V7 |
| Frodsham | 279V7 |
| Ganthony, R. | 189V7 |
| Gamier, Paul | 487V7 |
| Jacot, Henri | 184, 487V7 |
| Jump, J. & A. | 668V7 |
| Le Roy et fils | 184, 487V7 |
| Margaine, Arsene | 487V7 |
| Mercer, Thomas | 494V7 |
| Roskell, Robert | 472V7 |
| Sandoz, Gustave | 381V7 |
| Tiffany | 587V7 |
| Vieyres | 189V7 |
| Viner | 393, 658V7 |
| Whitelaw, James | 15V7 |
| Cartel clock by Carrington & Gibbons | 11V7 |
| Cattley, C. T. M. | Henry Chater, Ringwood (letter) 250V7 |
| | John Clement, Tring (letter) 639V7 |
| | Longcase clock movements 248V7 |
| Chamber clock | Italian 198, 677V7 |
| | 17th century 491V7 |
| Chapman, T. C.: More about Wilmshurst (letter) | 640V7 |
| Cherbel, C. D.: Some features of 16th 17th & 18th century Italian clocks | 198V7 |
| Cheshire clockmakers (letter) by Alan Treherne | 444V7 |
| Chronometers, Greenwich index of | 335V7 |
| Chronometer, Mantel by V7 | Goldsmith's Alliance 4V7 |
| | Mercer, Thomas 494V7 |
| | Roskell, Robert 472V7 |
| | Viner 658V7 |
| Chronometer, Marine by V7 | Arnald & Dent 100V7 |
| | Arnald John 138V7 |
| | Arnald, John Roger 5V7 |
| | Earnshaw, Thomas 705V7 |
| | Frodsham, Charles 100, 730V7 |
| | Graham & Parkes 185V7 |
| | Howells & Pennington 624V7 |
| | McCabe, James 268V7 |
| | Webster, Richard 185V7 |
| Chronometrical thermometer by Molyneux | 608V7 |
| Church clocks, Old (letter) by D. F. Nettell | 77V7 |
| Cinderella clock, The story of the, by Prof. Dr. H. von Bertele | 134V7 |
| Clockcases with two feet (letter) by J. R. Howe | 639V7 |
| Clock rope (letter) by Johann Wenzel | 76V7 |
| Clutton, C., & George Daniels: Arnold & Breguet | 510V7 |
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Clutton, C.: V7
  - Minute repeating watch by Mudge (letter) 72V7
  - National Trust clocks 353V7
  - Sketch for a turret clock by Lord Grimthorpe 723V7
Cohen, Ben.: Early clock in Whitehall Palace 73V7

Collections, see also MuseumsV7
  - Best, H. G. 439V7
  - Best-Shaw, Sir John 732V7
  - Boothroyd 624, 734V7
  - Harris, Lord 732V7
  - Heathcote, Major Anthony 242V7
  - Heywood, Geoffrey 69V7
  - Shenton, F. G. A. 441V7

Collections, Visits to 732V7

Compensation balance, Molyneux's 607V7

Compensation pendulum, Edward Troughton's 478V7

Comptoise clock 365, 375V7

Conical pendulum clock (letter)V7
  - by H. B. Fried 357V7
  - by Rudolph Mayer 159V7

Continental meetings (letter) by A. Lenner 354V7

Continental Tour, 1971 351, 541V7

Continental tour Summer, 1971V7
  - Pt I: Clocks by E. E. J. Trundell 425V7
  - Pt II: Watches by A. L. Odmark 429V7

Corbishley, B.: V7
  - Chair frame turret clocks (letter) 739V7
  - Longcase clock with two faces (letter) 354V7
  - Countwheel with pins (letter) by I. C. Jackson 446V7
  - Craig, G. B.: Japanese clocks (letter) 354V7

Cunningham, C.: A warning (letter) 638V7

D

Daniels, George, & C. Clutton: Arnold & Breguet 510V7

Davis, R. A.: John Cole, Barham (letter) 546V7

Dawson, T. C.: The English lever watch (letter) 79V7

Derham, William 18V7
  - (letter) by C. K. Aked 356V7
  - (letter) by E. L. Edwardes 74V7

de Roo, Dr. T.: Roentgenology of old clocks (letter) 529V7

de Roo, Dr. T., & P. Vet: A rare old Dutch schipperje 713V7

Dial clocks byV7
  - Anon 575V7
  - Clarke, William 575V7
  - Drew, Thomas 575V7
  - Jackson, William 575V7
  - McCabe, James 386V7
  - Parkinson & Frodsham 386V7

Dial engraving (letter) by K. R. Hughes 163V7

Dickens, Charles, and horology by F. R. S. Rogers 60V7
  - (letter) by Anthony Bird 159V7
  - (letter) by J. R. Millburn 247V7

Donations & Bequests (letter) by J. R. M. Setchell 736V7

Dowding, Geoffrey: Peter Nichols, Newport, I.O.W. 161V7

Duley, A. J.: The Wilshurst family 554V7

Dutch striking 686V7
  - (letter) by F. C. Grace 451V7
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006
(letter) by Johann Wenzell 354V7
Dutch wall clock 751V7
E
Edwardes, E. L.: V7
Georgius Clayton de Marple (letter) 74V7
Review of The Grandfather Clock (letter) 547V7
Translation of Horologium by Christian Huygens 35V7
William Derham (letter) 74V7
Electrical horology group 65, 140, 242, 441, 543, 635, 733V7
Electricity, magnetism & horology by C. K. Aked 398V7
Enamel watches for the Chinese market 657V7
English Lever watch, The (letter) by T. C. Dawson 79V7
Escapements V7
cross beat 228, 701V7
dead beat 720V7
de Baufre 337, 447, 546V7
Enderlin 337, 447V7
Flamenville 337V7
Gamier 337, 447, 669V7
grasshopper 288, 419, 449, 546, 640, 692V7
Kendall 337V7
Knob's anchor 98V7
Le Roy's 448, 601V7
Margetts' 307V7
Mudge's forked with Margett's modification 313V7
Ormskirk 337V7
pivotted detent (Le Roy's) 719V7
Schoof five tooth lever 318, 730V7
Sully's 150, 337, 447V7
tic tae 550V7
Tompion's dead beat anchor 22, 23, 127V7
tumbling pallet 337V7
Eureka clock 413V7
Eureka clock survey (letter) by A. Mitchell 446V7
Evans, D. M. W.: V7
John Costellow, Chichester (letter) 360V7
Useful hints? (letter) 554V7
F
F.A.U., Visit of, to England 732V7
Ferguson, James 400V7
Ferguson's first (letter) by J. R. Millburn 444V7
Flamsteed, John 19, 114V7
Flamsteed, Townley papers 18V7
For Your Further Reading 67, 240, 348, 437, 540, 633, 722V7
Foster, George: The de Baufre genre 337V7
Franklin's dial 378V7
French wall clock? (letter) by J. W. A. van Schie 161V7
Fried, H. B.: V7
Conical pendulum clock (letter) 357V7
Seth Thomas (letter) 354V7
Friesland clock 104V7
Fusee engine 216V7
G
Gascoigne, William 18V7
Gothic chamber clocks, Italian 198V7
Gothic iron clock 631V7
Grace, F. C.: Dutch striking (letter) 451V7
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graham, J. A.: D. Evans, Pontypool (letter)</td>
<td>355V7</td>
</tr>
<tr>
<td>Grandfather Hunter by D. J. B. Wilson</td>
<td>613V7</td>
</tr>
<tr>
<td>Grasshopper escapement by Col. H. Quill</td>
<td>288V7</td>
</tr>
<tr>
<td>Grasshopper escapement by Martin Burgess</td>
<td>416V7</td>
</tr>
<tr>
<td>Grasshopper escapement (letter) by W. S. Laycock</td>
<td>449, 640V7</td>
</tr>
<tr>
<td>Grasshopper escapement (letter) by J. R. M. Setchell</td>
<td>449V7</td>
</tr>
<tr>
<td>Greenwich index of chronometers</td>
<td>335V7</td>
</tr>
<tr>
<td>Greenwich observatory</td>
<td>1, 21, 24V7</td>
</tr>
<tr>
<td>Grimthorpe and the metric system</td>
<td>247V7</td>
</tr>
<tr>
<td>Grimthorpe's sketch for a turret clock by C. Clutton</td>
<td>723V7</td>
</tr>
<tr>
<td>Gwynn, R. T.: The anchor escapement (letter)</td>
<td>161V7</td>
</tr>
<tr>
<td>Hague, J. W.: Longcase clocks with two feet (letter)</td>
<td>448V7</td>
</tr>
<tr>
<td>Halley, Edmund</td>
<td>119V7</td>
</tr>
<tr>
<td>Hammond, H. G.:</td>
<td></td>
</tr>
<tr>
<td>The Fromanteel family (letter)</td>
<td>548V7</td>
</tr>
<tr>
<td>Lantern clock by Tompion</td>
<td>548V7</td>
</tr>
<tr>
<td>Hampton Court Palace astronomical clock</td>
<td>627V7</td>
</tr>
<tr>
<td>Heathcote, Anthony:</td>
<td></td>
</tr>
<tr>
<td>Martina, Turin (letter)</td>
<td>357V7</td>
</tr>
<tr>
<td>12th cent. carillon in Jerusalem (letter)</td>
<td>357V7</td>
</tr>
<tr>
<td>Heliostata &amp; planetary clock</td>
<td>450V7</td>
</tr>
<tr>
<td>Henley, Peter: James Dunstone, Falmouth (letter)</td>
<td>453V7</td>
</tr>
<tr>
<td>Hewitt, P. A.:</td>
<td></td>
</tr>
<tr>
<td>In support of the painted dial (letter)</td>
<td>706V7</td>
</tr>
<tr>
<td>Longcase clocks with two feet (letter)</td>
<td>555V7</td>
</tr>
<tr>
<td>Hipp toggle</td>
<td>407V7</td>
</tr>
<tr>
<td>Historical research</td>
<td>156V7</td>
</tr>
<tr>
<td>Holder, R. S.:</td>
<td></td>
</tr>
<tr>
<td>Seth Thomas (letter)</td>
<td>247V7</td>
</tr>
<tr>
<td>Ship's clock by Seth Thomas (letter)</td>
<td>451V7</td>
</tr>
<tr>
<td>Hooke, Robert</td>
<td>25V7</td>
</tr>
<tr>
<td>Horologium by Christian Huygens : trans. F. L. Edwardes</td>
<td>35V7</td>
</tr>
<tr>
<td>Howe, J. R.: Clock cases with two feet (letter)</td>
<td>639V7</td>
</tr>
<tr>
<td>Howse, Derek:</td>
<td></td>
</tr>
<tr>
<td>Regulator by Mudge &amp; Dutton (letter)</td>
<td>353V7</td>
</tr>
<tr>
<td>The Tompion clocks at Greenwich and the dead-beat escapement</td>
<td>18, 114V7</td>
</tr>
<tr>
<td>Hughes, K. R.:</td>
<td></td>
</tr>
<tr>
<td>Dial engraving (letter)</td>
<td>163V7</td>
</tr>
<tr>
<td>Penlington, Liverpool (letter)</td>
<td>738V7</td>
</tr>
<tr>
<td>Hurd, John: The Wilmshurst family (letter)</td>
<td>160V7</td>
</tr>
<tr>
<td>Hutchinson, Beresford</td>
<td>65V7</td>
</tr>
<tr>
<td>Hutchinson, W. P.:</td>
<td></td>
</tr>
<tr>
<td>19th cent. watch glasses (letter)</td>
<td>355V7</td>
</tr>
<tr>
<td>The letters BDMN (letter)</td>
<td>355V7</td>
</tr>
<tr>
<td>Hutchinson, David: John Arnold's chronometer No. 13</td>
<td>138V7</td>
</tr>
<tr>
<td>Huygens, Christian: Horologium</td>
<td>35V7</td>
</tr>
<tr>
<td>Hyde, Thomas: Wilmshurst family tree (letter)</td>
<td>74V7</td>
</tr>
<tr>
<td>Imbert, André &amp; Jean-Claude, Sabrier: An early anonymous Swiss self-winding watch</td>
<td>526V7</td>
</tr>
<tr>
<td>Inclined plane clock by Renda a Paris</td>
<td>194V7</td>
</tr>
<tr>
<td>Irish group</td>
<td>438V7</td>
</tr>
<tr>
<td>Irish makers (letter) by W. G. Stuart</td>
<td>547V7</td>
</tr>
<tr>
<td>Italian clocks, some features of 16th, 17th &amp; 18th cent., by C. D. Cherbel</td>
<td>198V7</td>
</tr>
</tbody>
</table>
Jackson, I. C.: Countwheel with pins (letter)  446
Japanese clocks (letter)
   by G. B. Craig  354
   by K. Stocker  358, 443
Japanese clocks are peculiar by Albert L. Odmark  222
Japanese pillar clock  489
Jennings, W. H.: Renovating turret clocks  515
Jones, Edward S.: 16th cent. table clocks (letter)  76
"Jupiter" clock, Pearson's  297
K
Kennedy, H. R. J.: John Walker, London (letter)  639
Klein, Johann: T. Walder, Arundel (letter)
L
Lacquer clock, Reflections from a, by F. Lloyd Thomas  518
Lancashire movement gauge  251
Lancashire & Lake District makers (letter) by B. Loomes  547
Lantern clock
   by Tompion ? (letter) by Harry Brasseur  444
   H. G. Hammond  549
   J. A. Tibbits  549
   John Vernon  445
Lantern clocks, Italian  181, 198
Lantern clock by
   Andrews, John  387
   Anon  381, 486, 649
   Bayley, Jeffrey  536
   Closon, Peter  249
   Ebsworth, Jno.  588
   Hilderson, John  536
   Knibb, Joseph  463
   Parker, John  104
   Snow, Jo.  595
   Speakman, William  588
   Thacke, Phillip  281
   Tompion, Thomas  445
   Windmills  549
"Latoun", The word (letter), by J. W. A. van Schie  78
Law, R. J.:  
   Henry Hindley of York  205, 682
   Pearson's "Jupiter" clock  297
Laycock, W. S.:  
   D. Evans, Pontypool  252
   The Grasshopper escapement (letter)  449, 640
   Taking a risk (letter)  355
   Travelling engravers (letter)  78, 251
   William Tompion, Worbis  455
Leach, A. F.: Reversal of striking and going trains (letter)  162
Leading off work in turret clocks by D. F. Nettell  328
Leeds, L. M.: Watch sizes (letter)  78
Left-handed casemaker ? (letter) by N. Tidmus  641
Leicestershire clockmakers (letter) by F. Lloyd Thomas  74
Lengelle', Henri (obit.)  422
Lenner, A.:  
   Continental meetings (letter)  354
   Trentino, Italy (letter)  451
Library  140, 230, 352, 544, 638, 729
Lloyd, H. Alan, memorial  69
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Locking plate, Inversed</td>
<td>443v7</td>
</tr>
<tr>
<td>(letter), by H. F. N.</td>
<td></td>
</tr>
<tr>
<td>van Mechelen</td>
<td></td>
</tr>
<tr>
<td>Longcase clock movements</td>
<td>247v7</td>
</tr>
<tr>
<td>(letter) by C. T. M.</td>
<td></td>
</tr>
<tr>
<td>Cattley</td>
<td></td>
</tr>
<tr>
<td>Longcase clock with</td>
<td>354v7</td>
</tr>
<tr>
<td>two faces (letter) by B.</td>
<td></td>
</tr>
<tr>
<td>Corbishley</td>
<td></td>
</tr>
<tr>
<td>Longcase Clocks with</td>
<td>448v7</td>
</tr>
<tr>
<td>two feet (letter) by</td>
<td></td>
</tr>
<tr>
<td>J. W. Hague</td>
<td></td>
</tr>
<tr>
<td>P. A. Hewitt</td>
<td>555v7</td>
</tr>
<tr>
<td>W. S. Laycock</td>
<td>252v7</td>
</tr>
<tr>
<td>J. B. Penfold</td>
<td>448v7</td>
</tr>
<tr>
<td>Longcase clock by</td>
<td>394v7</td>
</tr>
<tr>
<td>Andrews, John</td>
<td></td>
</tr>
<tr>
<td>Anon</td>
<td>105, 542v7</td>
</tr>
<tr>
<td>Avnall, Edward</td>
<td>95v7</td>
</tr>
<tr>
<td>Barnet, John</td>
<td>171v7</td>
</tr>
<tr>
<td>Bartley &amp; Eggert</td>
<td>87v7</td>
</tr>
<tr>
<td>Beauvais, Paul</td>
<td>109v7</td>
</tr>
<tr>
<td>Bradley, Henry</td>
<td>179v7</td>
</tr>
<tr>
<td>Burton, W.</td>
<td>559v7</td>
</tr>
<tr>
<td>Caldwell, John</td>
<td>471v7</td>
</tr>
<tr>
<td>Cartwright, William</td>
<td>518v7</td>
</tr>
<tr>
<td>Clements, Robert</td>
<td>109v7</td>
</tr>
<tr>
<td>Clowes, Jonathan</td>
<td>389v7</td>
</tr>
<tr>
<td>Cranshaw</td>
<td>660v7</td>
</tr>
<tr>
<td>Cock, John</td>
<td>9, 191v7</td>
</tr>
<tr>
<td>Costellow, John</td>
<td>254v7</td>
</tr>
<tr>
<td>de St. Leu, Daniel</td>
<td>103v7</td>
</tr>
<tr>
<td>Dunlop, Conyers</td>
<td>671v7</td>
</tr>
<tr>
<td>Ellicott, John</td>
<td>261, 286, 467, 496v7</td>
</tr>
<tr>
<td>Eva</td>
<td>187v7</td>
</tr>
<tr>
<td>Foster, Joseph</td>
<td>476v7</td>
</tr>
<tr>
<td>George, Thomas</td>
<td>666v7</td>
</tr>
<tr>
<td>Glazier, William</td>
<td>725v7</td>
</tr>
<tr>
<td>Gould, Abel</td>
<td>9v7</td>
</tr>
<tr>
<td>Gould, Christopher</td>
<td>2, 14, 367, 561v7</td>
</tr>
<tr>
<td>Gravel &amp; Tolkein</td>
<td>493v7</td>
</tr>
<tr>
<td>Grimes, William</td>
<td>2v7</td>
</tr>
<tr>
<td>Harrison, John</td>
<td>288v7</td>
</tr>
<tr>
<td>Hindley, Henry</td>
<td>682, 691v7</td>
</tr>
<tr>
<td>Hutchinson, Edward</td>
<td>454v7</td>
</tr>
<tr>
<td>Johnson, Thomas</td>
<td>2v7</td>
</tr>
<tr>
<td>Longcase clock by</td>
<td>465v7</td>
</tr>
<tr>
<td>(cont)</td>
<td></td>
</tr>
<tr>
<td>Jones, Henry</td>
<td></td>
</tr>
<tr>
<td>Kirk, John</td>
<td>96v7</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>98v7</td>
</tr>
<tr>
<td>Lovelace, William</td>
<td>749v7</td>
</tr>
<tr>
<td>Lowndes, Jonathan</td>
<td>758v7</td>
</tr>
<tr>
<td>Margetts, George</td>
<td>442v7</td>
</tr>
<tr>
<td>Ogden, Thomas</td>
<td>481v7</td>
</tr>
<tr>
<td>Poole, Clement</td>
<td>187v7</td>
</tr>
<tr>
<td>Porthouse, William</td>
<td>106v7</td>
</tr>
<tr>
<td>Pridham, Francis</td>
<td>655v7</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>396, 593v7</td>
</tr>
<tr>
<td>Quare &amp; Horsemann</td>
<td>272v7</td>
</tr>
<tr>
<td>Roth</td>
<td>2v7</td>
</tr>
<tr>
<td>Smith, Joseph</td>
<td>758v7</td>
</tr>
<tr>
<td>Speakman, Jno.</td>
<td>559v7</td>
</tr>
<tr>
<td>Taylor, John</td>
<td>659v7</td>
</tr>
<tr>
<td>Todd, William</td>
<td>471v7</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tompion, Thomas</td>
<td>196, 662\textsuperscript{V7}</td>
</tr>
<tr>
<td>Vulliamy, B. L.</td>
<td>378\textsuperscript{V7}</td>
</tr>
<tr>
<td>Walder, T.</td>
<td>78\textsuperscript{V7}</td>
</tr>
<tr>
<td>Windmills, Joseph</td>
<td>105, 270\textsuperscript{V7}</td>
</tr>
<tr>
<td>Wilshurst, Thomas</td>
<td>640\textsuperscript{V7}</td>
</tr>
<tr>
<td>Wise, Peter</td>
<td>457\textsuperscript{V7}</td>
</tr>
<tr>
<td>Loomes, B. &amp; L.</td>
<td></td>
</tr>
<tr>
<td>Edward Barlow (letter)</td>
<td>639\textsuperscript{V7}</td>
</tr>
<tr>
<td>The Fromanteels</td>
<td>639, 738\textsuperscript{V7}</td>
</tr>
<tr>
<td>Makers in the North West</td>
<td>547\textsuperscript{V7}</td>
</tr>
<tr>
<td>Lowell, P. N.: Daniel Norton, Minty (letter)</td>
<td>252\textsuperscript{V7}</td>
</tr>
<tr>
<td>M</td>
<td></td>
</tr>
<tr>
<td>MacLeod, Murray: Taking a risk</td>
<td>231\textsuperscript{V7}</td>
</tr>
<tr>
<td>Mantel clock by \textsuperscript{V7}</td>
<td></td>
</tr>
<tr>
<td>Frodsham</td>
<td>364\textsuperscript{V7}</td>
</tr>
<tr>
<td>Payne, William</td>
<td>193\textsuperscript{V7}</td>
</tr>
<tr>
<td>Marine chronometer - - see Chronometer, Marine \textsuperscript{V7}</td>
<td></td>
</tr>
<tr>
<td>Marine chronometers - An Exhibition at Aspreys</td>
<td>729\textsuperscript{V7}</td>
</tr>
<tr>
<td>Mallet, J. V. G.: Nicholas Crisp, London (letter)</td>
<td>639\textsuperscript{V7}</td>
</tr>
<tr>
<td>Mayer, Rudolph, \textsuperscript{V7}</td>
<td></td>
</tr>
<tr>
<td>Conical pendulum clock (letter)</td>
<td>159\textsuperscript{V7}</td>
</tr>
<tr>
<td>Early repeat (letter)</td>
<td>75\textsuperscript{V7}</td>
</tr>
<tr>
<td>Peter Closon (letter)</td>
<td>249\textsuperscript{V7}</td>
</tr>
<tr>
<td>McCallum, Col. N. M. R.: A Le Roy regulator</td>
<td>717\textsuperscript{V7}</td>
</tr>
<tr>
<td>McIntyre, Peter: Edward Hutchinson, London (letter)</td>
<td>454\textsuperscript{V7}</td>
</tr>
<tr>
<td>Meccano clocks (letter) by P. D. Briggs</td>
<td>162\textsuperscript{V7}</td>
</tr>
<tr>
<td>Meetings</td>
<td>69, 155, 242, 350, 438, 541, 634, 732\textsuperscript{V7}</td>
</tr>
<tr>
<td>Membership</td>
<td>71, 156, 228, 335, 440, 545, 625, 734\textsuperscript{V7}</td>
</tr>
<tr>
<td>Mercurial gilding (letter) by Christopher Wood</td>
<td>737\textsuperscript{V7}</td>
</tr>
<tr>
<td>Metric system, Lord Grimthorpe and the</td>
<td></td>
</tr>
<tr>
<td>Millburn, John R.: \textsuperscript{V7}</td>
<td></td>
</tr>
<tr>
<td>Benjamin Martin</td>
<td>250, 739\textsuperscript{V7}</td>
</tr>
<tr>
<td>Dickens &amp; horology</td>
<td>247\textsuperscript{V7}</td>
</tr>
<tr>
<td>Ferguson's first</td>
<td>444\textsuperscript{V7}</td>
</tr>
<tr>
<td>Miller, L. F.: Suffolk clockmakers (letter)</td>
<td>355\textsuperscript{V7}</td>
</tr>
<tr>
<td>Minute repeating watch by Mudge (letter) by Cecil Clutton</td>
<td>72\textsuperscript{V7}</td>
</tr>
<tr>
<td>Mitchell, A.: Eureka clock survey (letter)</td>
<td>446\textsuperscript{V7}</td>
</tr>
<tr>
<td>Monckton, L. R. S.: John MacNab, Perth (letter)</td>
<td>160\textsuperscript{V7}</td>
</tr>
<tr>
<td>Monk, Frank: School's regulator</td>
<td>317\textsuperscript{V7}</td>
</tr>
<tr>
<td>Monstrance clock by \textsuperscript{V7}</td>
<td></td>
</tr>
<tr>
<td>Anon</td>
<td>426\textsuperscript{V7}</td>
</tr>
<tr>
<td>P.B.</td>
<td>428\textsuperscript{V7}</td>
</tr>
<tr>
<td>Moore, Sir Jonas</td>
<td>20, 115\textsuperscript{V7}</td>
</tr>
<tr>
<td>Morpurgo, Prof. Enrico (obit.)</td>
<td>629\textsuperscript{V7}</td>
</tr>
<tr>
<td>Mural quadrant</td>
<td>25\textsuperscript{V7}</td>
</tr>
<tr>
<td>Murdy's electrically driven balance wheel clock by C. K. Aked</td>
<td>56\textsuperscript{V7}</td>
</tr>
<tr>
<td>Museums: \textsuperscript{V7}</td>
<td></td>
</tr>
<tr>
<td>Amsterdam Rijksmuseum</td>
<td>540\textsuperscript{V7}</td>
</tr>
<tr>
<td>Arhus</td>
<td>544\textsuperscript{V7}</td>
</tr>
<tr>
<td>Bayerisches Nationalmuseum</td>
<td>427\textsuperscript{V7}</td>
</tr>
<tr>
<td>Copenhagen</td>
<td>700\textsuperscript{V7}</td>
</tr>
<tr>
<td>Edinburgh: Royal Scottish</td>
<td>704\textsuperscript{V7}</td>
</tr>
<tr>
<td>Freemantle, W. Australia</td>
<td>138\textsuperscript{V7}</td>
</tr>
<tr>
<td>Furtwangen</td>
<td>429\textsuperscript{V7}</td>
</tr>
<tr>
<td>Halifax: Bankfield</td>
<td>502\textsuperscript{V7}</td>
</tr>
<tr>
<td>Innsbruck: \textsuperscript{V7}</td>
<td></td>
</tr>
<tr>
<td>Landesmuseum</td>
<td>427, 432\textsuperscript{V7}</td>
</tr>
</tbody>
</table>
Volkskunstmuseum 428\textsuperscript{V7}
Liverpool 69\textsuperscript{V7}
London: Victoria & Albert 542\textsuperscript{V7}
Munchen 427, 431\textsuperscript{V7}
Nuremberg 426, 430\textsuperscript{V7}
Oxford: History of Science 638\textsuperscript{V7}
Pharr, Texas 541\textsuperscript{V7}
Salzburg 427, 432\textsuperscript{V7}
Schwenningen 429, 432, 527\textsuperscript{V7}
Stuttgart 425, 429\textsuperscript{V7}
Vienna 734\textsuperscript{V7}
Winterthur:\textsuperscript{V7}
  Heimatsmuseum 429\textsuperscript{V7}
  Rathaus 428\textsuperscript{V7}
  Wuppertal 539\textsuperscript{V7}
Musical clock by:\textsuperscript{V7}
  Adamson, John 614\textsuperscript{V7}
  Lister, Thomas 500\textsuperscript{V7}
  Pridham, Francis 655\textsuperscript{V7}
  Quare & Horseman 97, 135, 137\textsuperscript{V7}
Mystery clock 
N
National Trust clocks (letter) by Cecil Clutton 353\textsuperscript{V7}
Neilson, Meyrick: Sedan clocks (letter) 77\textsuperscript{V7}
Nettell, D. P.:\textsuperscript{V7}
  Leading-off work in turret clocks 328\textsuperscript{V7}
  Old church clocks (letter) 77\textsuperscript{V7}
  Turret clock at Stourton (letter) 446\textsuperscript{V7}
Night clock 395\textsuperscript{V7}
Nineteenth century watch glasses (letter) by W. P. Hutchinson 355\textsuperscript{V7}
Northcote, Lewis: Rare watch by J. F. Cole (letter) 73\textsuperscript{V7}
Northern Section 69, 157, 244, 438, 541, 635, 733\textsuperscript{V7}
O
Octagon Room 1, 123, 124\textsuperscript{V7}
Odmark, Albert L.:\textsuperscript{V7}
  Japanese clocks are peculiar 222\textsuperscript{V7}
  Watches seen on the 1971 tour 429\textsuperscript{V7}
Openshaw Technical College 246\textsuperscript{V7}
Orange, J. L. R.: Thomas Mudge (letter) 451\textsuperscript{V7}
Orpheus clocks 634, 727\textsuperscript{V7}
Orrey clock 385, 492\textsuperscript{V7}
Osborne, Clive, Osbornes, Clockmakers (letter) 638\textsuperscript{V7}
Oxley. S.: John Costellow, Chichester (letter) 254\textsuperscript{V7}
P
Painted dial (letter)\textsuperscript{V7}
  by Adrian Burchall 551\textsuperscript{V7}
  by P. A. Hewitt 706\textsuperscript{V7}
Panicali, Roberto: Richard Barnes,\textsuperscript{V7}
  Worcester (letter) 73\textsuperscript{V7}
Pearson's "Jupiter" clock by R. J. Law 297\textsuperscript{V7}
Pearson, Brian:\textsuperscript{V7}
  William Booth, Leeds (letter) 550\textsuperscript{V7}
  Benjamin Brandreth (letter) 360\textsuperscript{V7}
  Benjamin Martin (letter) 450\textsuperscript{V7}
  Thomas Davenport, Chesterfield (letter) 550\textsuperscript{V7}
  Joseph Knibb (letter) 738\textsuperscript{V7}
  Seth Thomas (letter) 359\textsuperscript{V7}
Penfold, John B.: 741

John Clement, Tring (letter) 741
Longcase clocks with two feet (letter) 448
Whatever became of Bangor (letter) 423

Pinder. Mrs. Alice (obit.) 722

"Pips", The 497

Planetarium at Francker by J. W. A. van Schie 141
Planisphere clock 503

Plomp. Dr. R.: The "Dutch" extraction of the Fromanteel family 320

Police page see Stolen

Programme 70, 154, 242, 351, 440, 538, 637, 731

Quill, Col. H.: The grasshopper escapement 288, 546

Ramsden's dividing engine 214
Rare watch by J. F. Cole (letter) by Lewis Northcote 73
Redundant churches 722
Regulator. A. Le Roy, by Col. N. M. R. McCallum 717

Regulator clock by Barwise 579
Benson, J. W. 461
Dutton, Benjamin 474
Ellicott, John 474
Foster, Joseph 664
Le Roy, Julien 717
Le Roy, Pierre 600
Molyneux 608
Molyneux & Cope 610
Rentzsch, S. 478
Schoof, W. F. 317
Shepherd, Charles 169
Strasser & Rohde 192

Rendel, Rosemary: Edward Booth alias Barlow (letter) 452
Repeater, Early (letter) by Rudolph Mayer 75
Research group 612
Reversal of going and striking trains (letter) by A. F. Leach 162
Roberts, Kenneth D.: Eli Terry and the patent shelf clock 709
Robinson, H.: Watchman's clock? (letter) 72
Roentgenology of old cocks by Dr. T. de Roo & P. Vel 529
Rogers, Frederick R. S.: Charles Dickens and horology 60
Rotula, Sexagesimal, Margetts' 306
Rowe, G. C.: Sedan clocks (letter) 254
Royer-Collard, F. B. (obit.) 722
Rycroft, C. H.: Thomas Lister 1745-1814 498

Sabrier, Jean-Claude, & André Imbert: An early anonymous Swiss self-winding watch 526
St. Pierre's method for longitude 20
Schippertje, Examination of a rare old Dutch, by Dr. T. de Roo & P. Vel 713

Sedan chair clocks (letter) by Anthony Bird 159, 356, 553
by A. Burchall 255, 452
by G. C. Rowe 254

Self-Winding watch, An early anonymous Swiss, by Jean-Claude Sabrier & André Imbert 526

Setchell, J. R. M.: 73

Donations and bequests (letter) 736
The grasshopper escapement (letter) 449
Shelf clock, Eli Terry and the patent, by Kenneth D. Roberts 709
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Shenton, F. G. A.: Bentley earth driven electrical clocks (letter) 555

Ship’s clock by Seth Thomas (letter) by R. S. Holder 451

Shortt, William Hamilton (obit) 236

Shortt free pendulum clock 413

Shropshire clockmakers 444

Skeleton clock by Anon 12, 167, 747

Blaquart 594

Hunt & Roskell 259

Jowett, C. W. 514

Le Roy, Pierre 599

Pace, John 107

Smart, P. J.: Abraham Law, Goldington (letter) 737

Smeaton, John 206

South-pointing chariot, The yellow Emperor’s (letter) by C. K. Aked 551

Staffordshire clockmakers 444

Stocker, K.: Japanese clocks (letter) 358

Stolen 71, 157, 336, 342, 442, 514, 533, 536, 612, 631, 725

Stuart, W. G.: Irish makers (letter) 547

Suffolk clockmakers (letter) by L. F. Miller 355

Sundial by Ore, Thomas 353

Tompion, Thomas 334

Swartz, M. D.: American watches (letter) 455

Synchronome systems, The 635

T

Table clock, German 658

Table clock by Wollman, Michael 490

Table clock, 16th cent. (letter) by Edward S. Jones 76

Tardy (Henri Lengelle) (obit.) 422

Taking a risk by Murray MacLeod 231

(letter) by W. S. Laycock 355

Telescope by Hindley’s second equatorial 218

Nairn’s equatorial 220

Short’s portable equatorial 217

Theodolite 221

Thomas, F. Lloyd: Leicestershire clockmakers (letter) 74

Reflections from a lacquer clock 518

Tibbitts, J. A.: Lantern clock by Tompion (letter) 549

Tidmus, Neil: A left handed casemaker (letter) 641

Token, A watchmaker’s 628

Tompion clocks at Greenwich and the dead beat escapement by Derek Howse 18, 114

Tools, Antique 83

Townley, Richard 18, 114

Travelling engravers (letter) by W. S Laycock 78, 251

Treherne, Alan; Cheshire, Shropshire & Staffordshire clockmakers (letter) 444

Trundell, F. F. J.: Clocks seen on the 1971 tour 425

Turner, A. J.: The anchor escapement (letter) 252

Christopher Wren and the Wadham clock 229

New light on George Margetts 304

Turret clock by Lord Grimthorpe, A sketch for a, by Cecil Clutton 723
Turret clocks, Chair frame (letter) by B. Corbishley 739n
Turret clocks in redundant churches 722n
Turret clocks, Register of 70n
Turret clocks, Renovating, by W. H. Jennings 515n
Turret clocksn

Amesbury (Wilts) 333n
Berne 633n
Bishopstone (Wilts) 77, 330n
Brindle (Lancs) 69n
Brocklesbury Park (Lincoln) 291n
Cambridge: King’s College 227n
Chelford (Cheshire) 739n
Charing (Kent) 333n
Chichester, St. Pancras (Sussex) 554n
Childrey (Berks) 329n
Chipping Camden (Glos.) 77, 330n
Cricklade (Wilts) 77n
Fast Horsley (Surrey) 69n
Goostrey (Cheshire) 739n
Gronigen: Martini Tower 633n
Halifax (Yorks) 506n
Hampton Court Palace 627n
Hertogenbosch (Holland) 540n
Iltingworth (Yorks) 507n
Ingatestone (Essex) 437n
Kempshott (Hants) 331n
King’s Sutton (Oxon) 515n
Langford (Oxon) 77, 333n
Leicester: St. Mary de Castro 237n
Letcombe Regis (Berks) 329, 332n

Turret clocks (cont)n

Manchester Town Hall 438n
Marston St. Lawrence (Oxon) 515n
Nether Wichendon (Berks) 515n
Nieuwenhoorn (Holland) 348n
Northill 226n
Oxford: St. Mary’s 225n
Oxford: Wadham College 225, 229n
Sparsholt (Berks) 77, 328n
Stanford-n-the-Vale (Berks) 331n
Sturton (Wilts) 446n
Swaffham Prior (Cantab) 227n
Utrecht: St. Nicholas 540n
Windsor (Berks) 332n

Turret clocks, Danish

Tyler, F. J.:n

Junghans, Wurtemburg (letter) 77n
Winterhalter & Hoffmeir (letter) 639n

U

Ullyett, Kenneth: Combating this scourge of thefts 533n

V

van Mechelen, H. F. N.: Inversed locking plate 443n
van Schie, J. W. A.:n

A French wall clock ? (letter) 161n
Junghans (letter) 78n
The Planetarium at Franeker 141n
The word “latoun” (letter) 78n
Vel, P., & Dr. T. de Roo: A rare old Dutch schippertje 713
Vernon, John: Lantern clock by Tompion? (letter) 444
Vice-Presidents 343
Vienna meeting 734
Vienna regulator 256
Visits 157
W
Wadham clock, Christopher Wren and the, by A. J. Turner 229
Wadsworth, J. H. F.: Watch sizes (letter) 251
Watch, An early Anonymous Swiss self-winding, by Jean-Claude Sabrier & André Imbert 526
Watch by

<table>
<thead>
<tr>
<th>Watch by (cont)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appleton, Tracy &amp; Co.</td>
</tr>
<tr>
<td>Arnold</td>
</tr>
<tr>
<td>Breguet</td>
</tr>
<tr>
<td>Bushman, John</td>
</tr>
<tr>
<td>Camden, William</td>
</tr>
<tr>
<td>Costellow, John</td>
</tr>
<tr>
<td>Fromanteel</td>
</tr>
<tr>
<td>Hahn, Philipp Matthaus</td>
</tr>
<tr>
<td>Jurgenson, Jules</td>
</tr>
<tr>
<td>Le Roy &amp; Carré</td>
</tr>
<tr>
<td>Le Roy, Julien</td>
</tr>
<tr>
<td>Le Roy, Pierre</td>
</tr>
<tr>
<td>Lister, Thomas</td>
</tr>
<tr>
<td>Margetts, George</td>
</tr>
<tr>
<td>Perigal, Francis</td>
</tr>
<tr>
<td>Quare</td>
</tr>
<tr>
<td>Recordon, Louis</td>
</tr>
</tbody>
</table>

Watches, enamel 285, 484
Watch sizes (letter)

by L. M. Leeds 78
by J. H. F. Wadsworth 251
Watchman's clocks ? (letter) by H. Robinson 72
Wellington, Duke of (obit.) 517
Wenzel, Johann

<table>
<thead>
<tr>
<th>Wenzel, Johann</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clock rope (letter)</td>
</tr>
<tr>
<td>Dutch striking (letter)</td>
</tr>
</tbody>
</table>

Wheel engine 215
White, G. S. J.: The anchor escapement (letter) 249
Whitehall Palace, Early clock in (letter) by Ben Cohen 73
Wilmshurst family tree (letter) by Thomas Hyde 74
Wilson, D. J. B.: Grandfather Hunter 613
Wood, Christopher

<table>
<thead>
<tr>
<th>Wood, Christopher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earnshaw chronometer No.550</td>
</tr>
<tr>
<td>Mercurial gilding (letter)</td>
</tr>
</tbody>
</table>

Robert Molyneux's astronomical clocks and chronometers 607

Wren, Christopher 229
X
X-rays of old clocks 529, 713
Y
Yorkshire makers (letter) by C. K. Aked. 159
Zaanse clock dials 530
INDEX TO MAKERS

Heavy type indicates an illustration

A

Ackers, William 66
Adames, Nathaniel 434
Adams, F. B. 435
Adams, Thomas 439
Adamson, John 614
Aerts, J. G. 572
Allam, William 606
Allam & Clements 270
Allen, Thomas 724
Allsop, Joshua 716
American Waltham Watch Co. 632
Amyott, Peter 725
Anderson, William 342
Anderson & Robinson 342
Anderwalt, Pasquale 629
Andrews, John 387, 394
Antram, Joseph 659
Appleton, Tracy & Co. 383
Army & Navy C.S. Ltd. 464
Arnold, John 138, 275, 341, 436, 438, 510, 512, 726, 729
Arnold, John, & Son 117, 606, 726, 729
Arnold, J. R. 5, 236, 299, 436, 537, 630, 704, 726, 729
Arnold & Dent 100, 630, 729
Ashby, Joseph 423
Aske, Henry 341
Asselin, Stephen 641
Aurelius 427
Avenell, Edward 95
Ayleward, John 545
B

Baetens 84
Bailey 343
Baillon 722
Bain, Alexander 403
Baker, Edward 271
Balfour, James 756
Banger, Edward 423
Barber, Joseph 95, 606
Barlow 556
Barlow, Edward 639
Barnes, Richard 73
Barnet, John 171
Barnett 434
Barnett, John 341, 537
Barnsdale, Thomas 725
Barraud 66, 153, 275, 443, 609, 725, 729, 735
Barraud & Lund 341, 665
Barrett, James 716
Barrett, Thomas 74, 735
Barrie 381
Barrion 631
Barrow, John 659
Barrow, Nathaniel 724
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Barrow, Thomas 447
Bartley 464
Bartley & Eggert 87
Barton, Jno. 630
Barwise 15, 80, 442, 537, 579, 641, 724
Barwise, John 404
Barwise, Lott 537
Bayley, Jeffrey 536
Beauvais, Paul 109
Beck, Richard 275
Bedford, William 716
Beesley, R. & G. 435
Beha, Lerenz 716
Beha, Schwerer & Co. 716
Beimel, George Wolfgang 428
Benham, D. 341
Bennett, Giles 545
Bennett, James 716
Bennett, John 64
Benoist 442
Benson, J. W. 461
Bentley 439
Berry, John 154, 434
Berry, Robert 267
Berthoud, F. 8, 66, 275, 134, 442, 602 704
Bertolle, Bartolomeo Antonio 451
Best, Richard 235
Bickardson, John 66
Billie, Thomas 724
Billie family 634
Birch 343
Bird, Edward 630
Birley, Samuel 360
Bishop, Windsor 716
Blakeborough 448
Blanchet 631
Blaquart 594
Blasden, I. 246
Bockett, Richard 154, 434
Bodeker, Jost 348
Bolviller 84
Bond 343
Booth, Edward (alias Barlow) 452
Booth, William 550
Borrell, Henry 630
Borrell, Maxn. 537
Bouchet et fils 743
Box, Fdw4 160
Bradley, Henry 97, 179
Bradley, Langley 62, 626
Bramer, Paul 635
Brandreth, Benjamin 248, 360, 555
Brann, Paulus (PB) 428
Breguet et fils 729
Bridger, Samuel 341
Bridges, John 631
<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brock, James</td>
<td>724^V7</td>
</tr>
<tr>
<td>Brockbanks</td>
<td>153, 630, 634^V7</td>
</tr>
<tr>
<td>Brockbank &amp; Atkins</td>
<td>235, 735^V7</td>
</tr>
<tr>
<td>Brockbank, Atkins &amp; Moore</td>
<td>153^V7</td>
</tr>
<tr>
<td>Brocot</td>
<td>84^V7</td>
</tr>
<tr>
<td>Brooks, Edward</td>
<td>361^V7</td>
</tr>
<tr>
<td>Brown, Thomas</td>
<td>741^V7</td>
</tr>
<tr>
<td>Browne, Edward</td>
<td>446^V7</td>
</tr>
<tr>
<td>Browne, J.</td>
<td>724^V7</td>
</tr>
<tr>
<td>Brulefer, Louis</td>
<td>336^V7</td>
</tr>
<tr>
<td>Brunner, Casper</td>
<td>633^V7</td>
</tr>
<tr>
<td>Bryson &amp; Sons</td>
<td>528^V7</td>
</tr>
<tr>
<td>Budgen</td>
<td>671^V7</td>
</tr>
<tr>
<td>Bull, William</td>
<td>153^V7</td>
</tr>
<tr>
<td>Bullock, Richard</td>
<td>471^V7</td>
</tr>
<tr>
<td>Bumel, Michael</td>
<td>431^V7</td>
</tr>
<tr>
<td>Burgess, Martin</td>
<td>294^V7</td>
</tr>
<tr>
<td>Burnap, Daniel</td>
<td>246^V7</td>
</tr>
<tr>
<td>Burton, W.</td>
<td>559^V7</td>
</tr>
<tr>
<td>Buschmann</td>
<td>134, 355^V7</td>
</tr>
<tr>
<td>Bushman, John</td>
<td>231, 275, 724^V7</td>
</tr>
<tr>
<td>Cabrier, Charles</td>
<td>66, 235, 434, 436, 606, 630, 735^V7</td>
</tr>
<tr>
<td>Cajetano</td>
<td>634^V7</td>
</tr>
<tr>
<td>Caldwell, John</td>
<td>471^V7</td>
</tr>
<tr>
<td>Callowe, Harry</td>
<td>342^V7</td>
</tr>
<tr>
<td>Camden, William</td>
<td>469^V7</td>
</tr>
<tr>
<td>Campani, Guiseppe</td>
<td>629^V7</td>
</tr>
<tr>
<td>Capt, Henry</td>
<td>589^V7</td>
</tr>
<tr>
<td>Capucine</td>
<td>170^V7</td>
</tr>
<tr>
<td>Carloss</td>
<td>537^V7</td>
</tr>
<tr>
<td>Came, Geoffrey</td>
<td>735^V7</td>
</tr>
<tr>
<td>Carpenter, William</td>
<td>572^V7</td>
</tr>
<tr>
<td>Carrington &amp; Gibbons</td>
<td>11^V7</td>
</tr>
<tr>
<td>Cartier</td>
<td>725^V7</td>
</tr>
<tr>
<td>Cartwright, William</td>
<td>518^V7</td>
</tr>
<tr>
<td>Cary</td>
<td>271^V7</td>
</tr>
<tr>
<td>CFF</td>
<td>630^V7</td>
</tr>
<tr>
<td>Chantonnay</td>
<td>631^V7</td>
</tr>
<tr>
<td>Chapelle</td>
<td>631^V7</td>
</tr>
<tr>
<td>Charlson, P.</td>
<td>66^V7</td>
</tr>
<tr>
<td>Chater, Henry</td>
<td>250, 555^V7</td>
</tr>
<tr>
<td>Chevalier</td>
<td>285^V7</td>
</tr>
<tr>
<td>Cheyney, Benjamin</td>
<td>246^V7</td>
</tr>
<tr>
<td>Church</td>
<td>671^V7</td>
</tr>
<tr>
<td>Clark, William</td>
<td>208^V7</td>
</tr>
<tr>
<td>Clarke</td>
<td>343^V7</td>
</tr>
<tr>
<td>Clarke, Alexander</td>
<td>434^V7</td>
</tr>
<tr>
<td>Clarke, William</td>
<td>267, 575^V7</td>
</tr>
<tr>
<td>Clayton, George</td>
<td>74^V7</td>
</tr>
<tr>
<td>Clement, John</td>
<td>639, 741^V7</td>
</tr>
<tr>
<td>Clement, William</td>
<td>225, 331, 666^V7</td>
</tr>
<tr>
<td>Clements, Robert</td>
<td>109^V7</td>
</tr>
<tr>
<td>Closon, Peter</td>
<td>249, 270^V7</td>
</tr>
<tr>
<td>Clowes</td>
<td>442^V7</td>
</tr>
<tr>
<td>Clowes, Jonathan</td>
<td>389^V7</td>
</tr>
<tr>
<td>Coates, John</td>
<td>341^V7</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Cock, John 9, 191
Cock, Richard 434
Cockey, Edward 235
Cole, J. F. 73
Cole, John 546
Colley, Thomas 724
Comber 356
Constantia, Jno. 724
Constantine 442
Cooper, T. F. 435, 571, 630
Cope Charles 439, 607
Cope & Molyneux 610
Cornah 343
Cosbey, Robert 724
Costellow, John 254, 360
Coster, Robert 545
Coster, Salomon 320
Cottingham, E. T. 299
Coulon, Charles 434
Cox, Jason, 8, 724
Cranshaw 660
Crawshaw 660
Creak, William 545
Crisp, Nicholas 639
Cumming, Alexander 396, 400, 546
Dabernat 631
Daintry & Ryle 354
Daniels, George 294, 730
Darlington, F. 343
Davis, William 153
Davenport, Thomas 360, 550
Davey, Samuel 725
Davies, James 725
Davis, John 332
Dawkes, J. 735
Day, Edmund 442
Deacon, Samuel 706
Dean 342
de Baufre 8, 275
Debafure, James 66
Deberne 631
de Caux, Lucas 725
Delander, Daniel 66, 154, 275, 537
Delance, James 634
del Campo, B. 434
Delile 729
de Lisle 236, 442
Dent 434, 545, 551, 583, 735
Dent, E. J 189, 235, 442, 729
Dennison, Aaron L. 435
de Paep, Baltasar 432
de St. Leu, Daniel 103
Descharmes, S. 153, 235, 236, 436, 630
Deutend, Francois 235
Dickie, Andrew 275
Dickman, Jon 545
Disbarrow, John 724
Ditshem, Paul 730
Dominici, Giuseppe 451
Dortmondt, Johannes 540
Doser, Antoni 426
Douta, Simon 631
Downs, Ephraim 709
Draper, William 628
Drew, John 537
Drew, Thomas 575
Drocourt, Alfred 487, 643
du Chesne, Claudius 679, 724
Duck, Richard 267
Dunville, John 739
Dunlop, Conyers 671, 725
Dunstone, James 453
Dutertre 285
Dutton 434, 510, 546
Dutton, Benjamin 474, 545
Dwerrihouse 442
Dwerrihouse & Carter 153, 584
Dwerrihouse, Ogston & Bell 672, 744
Earnshaw, Thomas 95, 153, 154, 236, 275, 307, 606, 705, 730
East, Edward 154, 228
Ebsworth, John 153, 341, 588
Edwards, James 390
Edwards, William 153
Eiffe, J. S. 607
Eisenhardt, K., und Söhne 437
Eisinga, Eise 141
Elgin 435, 632
Elkington 631
Ellicott, John 153, 154, 235, 236, 261, 271, 275, 286, 341, 344, 394, 434, 439, 467, 474, 496, 536, 542, 545, 580, 6C6, 630, 639, 673
Elliott, J. 729
Emanuel, M. 631
Emery, Josiah 309, 510, 537
Emmett, William 631
Eureka 413, 441
Eva 187
Evans, D. 252, 355
Evill, William 236
F
Faivre 452
Fayrer 343
Ferguson-Cole 275
Fidgett, William 153
Finch, James 654
Fischer, Martin 409
Fish, Henry 348
Fisher 343
Fitzer, Benjamin 236
Fladgate, John 179
Fleetwood 343
Foster, Joseph 476, 664
Freicher, Leopold 427
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Frasor, John 235\textsuperscript{V7}
French 153, 371\textsuperscript{V7}
Frodsham 279, 341, 364\textsuperscript{V7}
Frodsham, Charles 100, 236, 251, 342, 434, 435, 730\textsuperscript{V7}
Frodsham, William 235\textsuperscript{V7}
Frodsham & Baker 271\textsuperscript{V7}
Fromanteel 8, 270, 275, 316, 735\textsuperscript{V7}
Fromanteel, A. 536\textsuperscript{V7}
Fromanteel, Johannes 95, 439\textsuperscript{V7}
Fromanteel & Clarke 630\textsuperscript{V7}
Fromanteel family, The 320, 548, 639, 738\textsuperscript{V7}
Froment 406\textsuperscript{V7}
Fryer, G. 294\textsuperscript{V7}
Fulton, John 507\textsuperscript{V7}
Furet 632\textsuperscript{V7}
G
Gandron 539\textsuperscript{V7}
Ganthony, R. 189\textsuperscript{V7}
Gardner, Oba 545\textsuperscript{V7}
Gardner, Thomas 342\textsuperscript{V7}
Gardner, William 254\textsuperscript{V7}
Garon, Peter 350\textsuperscript{V7}
Garrod, J. F. 716\textsuperscript{V7}
Garrat, Hugh 448\textsuperscript{V7}
Garth, John 464\textsuperscript{V7}
Gater 343\textsuperscript{V7}
Gates. Thomas 671\textsuperscript{V7}
Galty. James 488\textsuperscript{V7}
Gebhard, Heinrich 377, 426\textsuperscript{V7}
George, Thomas 666\textsuperscript{V7}
Gerdt, Martin 425\textsuperscript{V7}
Gilkes, Richard 630\textsuperscript{V7}
Gillam 439\textsuperscript{V7}
Gillett & Bland 438, 623\textsuperscript{V7}
Gillows 500\textsuperscript{V7}
Glaeser, Richard 433\textsuperscript{V7}
Glazier, William 725\textsuperscript{V7}
Goddard, L. 435\textsuperscript{V7}
Godefroy 600\textsuperscript{V7}
Golay, Hector 583\textsuperscript{V7}
Goldsmiths' Alliance Ltd 4\textsuperscript{V7}
Good, T. 537\textsuperscript{V7}
Goodall, John 343\textsuperscript{V7}
Goode, Charles 154\textsuperscript{V7}
Goode, John 66, 235\textsuperscript{V7}
Goodhall, William 153\textsuperscript{V7}
Gordon 343\textsuperscript{V7}
Gordon, David 442\textsuperscript{V7}
Gosselin 342\textsuperscript{V7}
Gotobed, Richard 625\textsuperscript{V7}
Gould, Christopher 2, 14, 66, 367, 439, 537, 561, 582\textsuperscript{V7}
Gould, Abel 9\textsuperscript{V7}
Goullons, Josias 436\textsuperscript{V7}
Gout, Ralph 154, 236, 341, 436, 537\textsuperscript{V7}
Graham, George 341, 442, 537, 545, 581, 682, 720\textsuperscript{V7}
Graham & Parkes 185\textsuperscript{V7}
Grant 153, 510\textsuperscript{V7}
Grant, John 606, 671, 735
Graveley, John 235
Gravell & Tolkein 493
Gray, Benjamin 236, 341
Gray, Thomas 436
Gray, Benjamin, & J. Vulliamy 153
Gray & Constable 236
Greenwood 630
Gregory, James 339, 448
Gregory, Jeremie 630
Gretton, Charles 153, 195
Gribelin 433, 537
Grignon, Thos. 154, 651
Grignon, Daniel & Thomas 436, 537
Grimalde, P. 537
Grimes, William 2
Grimstedt, Fridrich 630
Gundolph, Ferdinand 448
Guichetean 631
Gunn, William 735
Gunter, Henry 716
Gunter, Richard 741
Guymer, Robert 725
H
Haak, Johannes Antonius 437
Habrecht, Aberhamb 631
Habrecht, Joachim 428
Hager, Dietrich Peter 430
Hahn, Philipp Matthaus 430
Haley 438
Halifax, John 439
Hall, Martin 343
Hall, Robert 120
Hally, Thomas 434
Halsey, John 725
Halton, Peter 74
Hammond, Thomas 631
Hampson & Thewell 434
Hampton, W. 724
Hancock, C. F. 394
Handley & Moore 478
Hanson, George 630
Hardy, William 609, 735
Hare, Alexander 442
Harland, Thomas 246, 359
Harley, William 434
Harman, John 630
Harris, Richard 153
Harrison, James 291
Harrison, John 288, 416, 449, 546, 602, 692
Harrison, William 294
Hartley 716
Hartley, E. 354
Hartley, John 207
Hatfield, D. 70
Hawkins, Ann 236
Hawley 285
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Hawthorn, Jno. 434
Hawthorne 74
Hay, Dunham John 725
Haydon, Thomas 342
Haynes & Kentish 434
Hechrich 349
Heelas, Emanuel 509
Henderson, Robert 630
Hennel, Guiseppe 451
Hennessy 362
Hertzog, Joachim 66
Hessen 716
Heuweiler 429
Hewitt 66
Higgins, Banger 423
Higgs y Diego Evans 236
Hilderson, John 536
Hill, Thomas 535
Hillenbrandt, John 432
Hindle, James 310
Hindle, Henry 205-221, 437, 449, 546, 550, 661, 682-699
Hindley, Joseph 698
Hoadley, Silas 709
Hochegger, Pietro 451
Hodgell, James 435
Hodgkin, Robert 341
Hollins, John 206, 682
Hornblower, William 66
Horseman 542
Houdin, Robert 634
Houghton, James 339, 448
Howard 442
Howard, Dennison & Davis 633
Howard, Edward 435
Howells & Pennington 624
Hubert 153
Hughes, Thomas 270
Hunt & Roskell 259
Hunter 434
Hursthouse, Joseph 235
Hutchinson, Edward 454
Hutton & Harris 235
Hutton, John 66
I
Ilbery 153, 434
Ireland, John 725
Irvine, John Watt 66
Ives, Joseph 712
J
Jackson, William 575
Jacob & Halse 271
Jacot, Henri 184, 275
Jamnitzer, Wenzel 634
Janvier 669
Jay, Thomas 725
Jeffreys, George 341
Jerome, Chauncey 709
Jeromes & Barrow  712V7
Jex, Johnson  725V7
Johnson  667V7
Johnson, P.  235V7
Johnson, Thomas  2, 434V7
Johnson, William  591V7
Jones, John  154V7
Jones, Henry  465, 536, 577, 625, 630, 760V7
Jowett, C. W.  514V7
Joyce  439V7
Jump, J. & A.  668V7
Junghans  77, 78V7
Jurgensen, Frederick  583V7
Jurgensen, Urban  735V7
Jurgenson, Jules  268V7
K
Kefford, Thomas  706V7
King, J.  520V7
Kipling, William  236, 606, 724V7
Kirk, John  96V7
Kirton  394V7
Knibb, John  89, 583V7
Knibb, Joseph  66, 98, 101, 153, 154, 225, 276, 329, 336, 341, 463, 536, 545, 724, 738, 743V7
Knifton, Thomas  271V7
Knight, Jno.  235V7
Kolb, Hans  425V7
Kullberg, Victor  224, 236V7
Kunzler, R.  341V7
L
Laight, John  724V7
Lakin, John  448V7
Lambe, Simon  154, 545V7
Lancashire Watch Company  158, 435V7
Lange, A.  433V7
Larpent & Jurgensen  285V7
Law, Abraham  737V7
Lebet et fils  632V7
Le Bon  605V7
Ledeirk  66V7
Lee, Cuthbert  380V7
Lee, William  434V7
Lepaute, Jean André  682V7
L'Epine  153, 716V7
Leroux  510V7
Leroux, J.  66, 341V7
Le Roy  153, 285, 442V7
Le Roy & Carré  601V7
Le Roy, Julien  149, 598, 717V7
Le Roy, Pierre  149, 598V7
Le Roy et fils  184, 632V7
Le SR Magny  111V7
Lestourgeon, David  236V7
Lewis  343V7
Lewis & Son  625, 772V7
Liechti, Erhardt  425, 427V7
Linford, Robert  716V7
Lister, T., & Bromley 508
Lister, Thomas 473, 499
Lister, William 498
Litherland & Co. 341
Litherland, P., & Co. 154, 235, 275, 342, 606
Livermore, E. 179
Lodge, John 606
Logge, Johannes 354
Long, John 537
Lorenton, Pietro 451
Losbey, Edward 341
Loseby, P. 235
Loomes, Thomas 341
Lovington 343
Lovelace, William 749
Lowndes, Jonathan 273, 480, 631, 724, 758
Lütgens, Johann Peter 540
Mackam, Samuel 235
MacNab, John 160
Mags, William 68
Mainman 555
Marc, Henri 630
Margetts,- George, 304, 316, 442, 510
Margetts & Hatton 304, 310
Markham, Markwick 342, 442, 537
Markwick 153, 342
Marney, Jacob 464
Martin, Benjamin 250, 360, 450, 739
Martin, Thomas 356
Martina 357
Mason, Henry 153
Massey, Nicholas 235, 442
Massy Henry 154, 724
Matcham, Samuel 66
Mathew, J. 80
Mauson, Charles 735
Mawley, Rr. 153
Mayer 563
Mayr, Johan 427
McCabe, James 8, 66, 153, 268, 386, 436, 442, 537, 551, 583, 606, 735
Melun, Michael 235
Mercer, Thomas 66, 153, 341, 436, 494, 545
Meuron & Co. 342
Michela 235
Miller 343
Miller, John 236
Milz, Marquard 345
Minns, Henry 725
Mitchell, Alex. 236
Molyneux, Robert 153, 170, 607, 704
Molyneux, R. & H. 612
Molyneux & Sons 556
Molyneux & Cope 610
Moncas 438
Moore, Samuel 630
Morbier 375
<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morgan, William</td>
<td>153</td>
</tr>
<tr>
<td>Morgan, Jon</td>
<td>434</td>
</tr>
<tr>
<td>Morice, D. &amp; W.</td>
<td>585</td>
</tr>
<tr>
<td>Moser</td>
<td>612</td>
</tr>
<tr>
<td>Motel, Henri</td>
<td>730</td>
</tr>
<tr>
<td>Motti, Vincenzo</td>
<td>629</td>
</tr>
<tr>
<td>Movilier</td>
<td>631</td>
</tr>
<tr>
<td>Mudge, Thomas</td>
<td>72, 313, 451, 510, 624, 724, 729</td>
</tr>
<tr>
<td>Mudge, Thomas, &amp; W. Dutton</td>
<td>154, 275, 342, 353, 434</td>
</tr>
<tr>
<td>Mugnier</td>
<td>725</td>
</tr>
<tr>
<td>Munday, Joseph</td>
<td>630</td>
</tr>
<tr>
<td>Murday</td>
<td>56, 58, 59</td>
</tr>
<tr>
<td>Musselwhite</td>
<td>356</td>
</tr>
<tr>
<td>Myers, John</td>
<td>179</td>
</tr>
<tr>
<td>Myline, James</td>
<td>537</td>
</tr>
<tr>
<td>Nairne, Edward</td>
<td>208</td>
</tr>
<tr>
<td>Nardin, Ulysse</td>
<td>341</td>
</tr>
<tr>
<td>Nethercroft, George</td>
<td>329</td>
</tr>
<tr>
<td>Newark Watch Co.</td>
<td>435</td>
</tr>
<tr>
<td>Nichols, Peter</td>
<td>161</td>
</tr>
<tr>
<td>Norton, Daniel</td>
<td>252</td>
</tr>
<tr>
<td>Norton, Eardley</td>
<td>153, 341, 342, 436, 537</td>
</tr>
<tr>
<td>Ogden, Thomas</td>
<td>481, 509</td>
</tr>
<tr>
<td>Ogston</td>
<td>341</td>
</tr>
<tr>
<td>Olsen, Jens</td>
<td>722</td>
</tr>
<tr>
<td>Ore, Thomas</td>
<td>251, 355</td>
</tr>
<tr>
<td>O'Riley, George &amp; William</td>
<td>631</td>
</tr>
<tr>
<td>Osborne</td>
<td>638</td>
</tr>
<tr>
<td>Pace, John</td>
<td>106</td>
</tr>
<tr>
<td>Page, Thomas</td>
<td>725</td>
</tr>
<tr>
<td>Paillard, Charles Auguste</td>
<td>722</td>
</tr>
<tr>
<td>Pain, William</td>
<td>537</td>
</tr>
<tr>
<td>Papavoine, Isaac</td>
<td>537, 583</td>
</tr>
<tr>
<td>Parker, John</td>
<td>104</td>
</tr>
<tr>
<td>Parkes</td>
<td>442</td>
</tr>
<tr>
<td>Parkes, Daniel</td>
<td>125</td>
</tr>
<tr>
<td>Parkinson &amp; Frodsham</td>
<td>66, 153, 235, 386, 434</td>
</tr>
<tr>
<td>Pasquet</td>
<td>631</td>
</tr>
<tr>
<td>Pâte</td>
<td>235</td>
</tr>
<tr>
<td>Patene</td>
<td>631</td>
</tr>
<tr>
<td>Pattison</td>
<td>707</td>
</tr>
<tr>
<td>Payne, John</td>
<td>267</td>
</tr>
<tr>
<td>Payne, William</td>
<td>193, 752</td>
</tr>
<tr>
<td>Peacock, W.</td>
<td>79, 251</td>
</tr>
<tr>
<td>Pearson, William</td>
<td>297</td>
</tr>
<tr>
<td>Penlington, John</td>
<td>606</td>
</tr>
<tr>
<td>Penlington, Joshua</td>
<td>738</td>
</tr>
<tr>
<td>Penton</td>
<td>519</td>
</tr>
<tr>
<td>Penton, Isaac</td>
<td>434</td>
</tr>
<tr>
<td>Peppiott, C.</td>
<td>556</td>
</tr>
<tr>
<td>Pepys, J.</td>
<td>729</td>
</tr>
<tr>
<td>Perigal</td>
<td>342, 510</td>
</tr>
<tr>
<td>Perigal, Francis</td>
<td>274, 436, 442, 537, 630, 724</td>
</tr>
<tr>
<td>Perigal &amp; Browne</td>
<td>91</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Perelet, A. L. 526
Perry, Henry 630
Petit, Guillaume 634
Philipp, Brunelleschi 629
Philippe, Adrien 722
Phillips, Thomas 517
Pickering, R. N. U. 250
Pike, Jno. 66
Pinchbeck, Christopher 341
Pistor, Edmund 564
Pistor, Edward & Jno. 724, 759
Plantart, N. 428
Playter 724
Pohlmann, Peter 630
Pond, Charles 441
Ponter 631
Poole, Clement 187
Poole, John 439, 730
Porthouse, William 106
Potonie 339
Potts, William 354
Powley, William 640
Poy, Godfrey 68, 427
Pratt 470
Prenoud, C. J. A., & Co. 237
Prevost 660
Prevost, William 434
Pritchard, John 235
Pridham, Francis 655
Priest, George 716
Prime, Andrew 325
Prior, Edward 436, 442
Prior, George 66, 342, 436, 537, 724
Prisset 631
Purden, Jonathan 578
Pyke, George 634
Pyke, John 724
Q
Quare, Daniel 16, 66, 75, 154, 235, 341, 348, 376, 429, 434, 436, 537, 545, 593, 630, 741, 759
Quare & Horseman 97, 135, 137, 235, 272, 630
R
Radeloff 701
Randall, A. G. 730
Raymen, Richard 235
Rayment, John 625
Rayment, Richard 154
Recordon 236, 346
Reid, Thomas 208
Reid & Auld 77, 630
Renda 194
Rentzsch, Sigsmund 340, 478
Reuelter, J. L. 373
Richards 343
Richardson 555
Rimbault, Paul 724
Rimbault, Stephen 235, 439

Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Roberts, Thomas 631
Robertson, William 235
Robineau 631
Robinson, Francis 475
Rock 235
Rogers, Isaac 66, 630
Ronalds, Francis 401
Rooker, Richard 606
Rose & Son 724
Rossi, Theodore 716
Roskell, Robert 435, 442, 472
Roth 2
Rotherham & Son 63
Rowlands 236
Rundell & Bridges 537
Ryerson 572
Ryland, James 338, 448
Ryland, Joseph 448
S
Safford, Thomas 227
Sainsbury, Robert 436
Sandoz, Gustave 381
Sayler, Johan 425
Scarfe, Thomas 437
Schmutzer, John George 735
Scholte 540
Schoof, W. G 317, 730
Schover, Christoff 427
Schwarz, Franziskus 700
Scotson 434
Searum, Robert 725
Seddon, John 180
Seddon, Nathaniel 180, 477, 630
Sellar 403
Semand, Jean 431
Sewill, Joseph 8
Seymour, John 434
Sforzani, Cherubino 634
Shakeshaft, W. 249
Sharpe, William 341
Shaw, William 342
Shelton 682
Shepherd 407
Shepherd, Charles 169
Shindler, Thomas 537, 630
Shwerer 448
Silberrad, S. I. B. 271
Smith 267
Smith, J. J. 725
Smith, James 153
Smith, John 620
Smith, Joseph 758
Smith, Samuel 342
Smith, William 86
Smith & Son 724
Smithson, B. 343
Smoult, Thomas 343

Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Snellen, W. 341v^v
Snelling, James 545v^v
Snow, James 635v^v
Snow, Jo. 595v^v
Snow, Martin 535v^v
Snow, Thomas 342, 448v^v
Somersall, George 236v^v
Speakman, Jno. 559v^v
Speakman, Thomas 154, 275, 724v^v
Speakman, William 341, 588v^v
Spraelkel, Jurriaan 540v^v
Stancliffe, John 211, 498v^v
Stanley, Herbert 94v^v
Stanton, Edward 235, 630v^v
Steel 343v^v
Steward, J. 271v^v
Stockar, Henry 341v^v
Stoddard, James 435v^v
Story, William 537v^v
Strasser & Rodhe 66, 192v^v
Street 364v^v
Street, Richard 235, 434, 537v^v
Stretch, Samuel 724v^v
Strickland, George 724v^v
Sudell, Jno. 630v^v
Sully 337, 447, 600, 605v^v
Summerhayes, Robert 355v^v
Sutton, Robert 293v^v
Swete 542v^v
Swinden & Sons 275v^v
Sykes, William 436v^v
Symonds, John 725v^v
T
Taller, Jacob 153v^v
Tarry, William 434v^v
Tarts 342v^v
Taylor 510v^v
Taylor, David 435v^v
Taylor, George 343v^v
Taylor, Jasper 556, 724v^v
Taylor, John 537, 659, 678, 685v^v
Taylor, Thomas 66, 153v^v
Terry, Eli 242, 246, 709v^v
Terry, Samuel 709v^v
Thacke, Phillip 281v^v
Thacker, 630v^v
Thomas, Seth 247, 354, 359, 441, 451, 709v^v
Thompson 343v^v
Thompson, John 343v^v
Thornton 66v^v
Thornton, Philip 548v^v
Thrayle 436v^v
Thwaites 556v^v
Tiffany 587v^v
Tipling, William 341v^v
Tobias, M. 435v^v
Todd, William 471v^v
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Tomlinson, Edmund 451V7
Tomlinson, John 545V7
Tomlinson, William 154, 394V7
Tompion, Thomas 1, 9, 16, 18, 21, 22, 24, 28, 62, 75, 116, 128, 129, 130, 182, 196, 225, 334, 341, 342, 343, 423, 445, 495, 537, 548, 662, 724V7
Tompion, William 455V7
Tompion & Banger 66, 152, 341, 439, 537V7
Torado, Francis 630V7
Torre 488V7
Towney, W. 64V7
Tranter, Nathaniel 342V7
Treffler, Giovanni 629V7
Tregent, James 606V7
Triebler, Johan 430V7
Tringham 343V7
Troughton, Edward 478V7
Tucker, John 283, 341V7
Turner, Thomas 536V7
U
Upjohn, William 725V7
Usher & Cole 724V7
Uyllenhaak 240V7
V
Vachet, Daniel 344V7
Vaissac 631V7
Vale, William 537V7
Valin, J. 629V7
Van Ceulen, Johannes 236, 437V7
Varrinne, Robert 343V7
Vaughan, Charles 66V7
Vaughan, Richard 343V7
Vieyres 189V7
Vigne, James 342V7
Viner 275, 342, 393, 442, 658, 741V7
Visbach, Peter 427V7
Vitall, John 583V7
Vitu, Samuel 153V7
Voisin, Charles 632V7
Vulliamy 66, 154, 179, 235, 236, 271, 292, 537, 606V7
Vulliamy, Benjamin L. 293, 378, 625, 626V7
W
Wade, Burtt 576V7
Wagstaffe 343V7
Wagstaffe, Thomas 630V7
Wakefield 255, 343V7
Walder, T. 78V7
Waley, J. 741V7
Walker, John 639V7
Walker, Peter 666V7
Walker & Hughes 545V7
Waltham 435V7
Ward, Robert 66, 154, 394V7
Warwicks 441V7
Wasberg, Erik 634V7
Watson, Samuel 157, 545V7
Watts, John 725V7
Webb, Benjamin 342V7
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Webster, Richard 185V7
Webster, William 66, 275, 434, 545, 630V7
Webster & Son 735V7
Weeks 246V7
Welchman, Mordecai 724V7
Weldon, W. 341V7
Welton, Jno. 66
Wentham, John 725V7
Werke, Jne. 341V7
Werner, Caspar 539V7
Wescott 520V7
Wheatley 338V7
Wheatstone, C. 404V7
Whitelaw, James 15V7
Wignall, Mary, & Sons 724V7
Wilding, John 482V7
Wilkes, John 606V7
Wilkins, George 672V7
Williams, Jno. 235V7
Williams, William 66V7
Williamson 660V7
Wilmshurst, James 153V7
Wilmshurst, T. 160, 554, 640V7
Wilmshurst family 74, 160, 554V7
Wilson, Alexander 759V7
Wilson, Thomas 706V7
Windmills 342, 549, 630V7
Windmills, Joseph 105, 270, 341, 356, 537, 545, 630V7
Windmills, Thomas 153, 394, 442, 542V7
Windmills & Wightman 556, 654V7
Winterhalter & Hoffmeir 639V7
Wise, John 735V7
Wise, Peter 457V7
Wise, Thomas 106V7
Wollen, Richard 625V7
Wollman, Michaël 490V7
Wood, Robert 235V7
Woods, J. F. 438V7
Wright, Richard 542, 631V7
Wright, Thomas 631V7
Wright, William 153V7
Y
Yates, Samuel 606V7
Ylmer, Andreas 428V7
Young, George 630V7
Z
Zimmer, Louis 240V7
Officers and Members of the Council and Committees
September, 1972

President: THE RT. HON. THE LORD HARRIS
Vice-Presidents: DR. C. F. C. BEESON
C. CLUTTON COLONEL H. QUILL

Chairman, C. B. DROVER
Vice-Chairman: DR. F. A. B. WARD
Secretary: COMMANDER G. CLARKE

Technical Enquiry Officer: J. H. F. WADSWORTH
Deputy Secretary: H. W. YOUNGS
Advertising Agent: J. ARTHUR COOK

COUNCIL

C. K. AKED (Chairman Library Committee), E. F. BUNT, P. G. DAWSON, R. K. FOULKES, HEYWOOD
(Northern Section Representative), M. G. HURST, R. J. LAW, T. O. ROBINSON (chairman Publications
Committee), F. H. SCHROEDER, J. C. STEVENS, E. E. G. STREET
(Editor, Antiquarian Horology), E. F. J. TRUNDELL.

Hon. Solicitors: Messrs. Coward Chance, Royex House, Aldermanbury Square, London,
EC2V 7LD


PUBLICATIONS COMMITTEE

Chairman and Secretary: T. O. ROBINSON, F. E. G. STREET (Editor, Antiquarian Horology).

B. L. HURST, B. HUTCHINSON.

LIBRARY COMMITTEE

Chairman and Curator: C. K. AKED, E. F. BUNT, E. J. TYLER.

NORTHERN SECTION


ELECTRICAL HOROLOGY GROUP

Chairman: C. K. AKED, Hon. Secretary: A. MITCHELL, Hon. Treasurer: E. LLOYD THOMAS.

28 Welbeck Street, London, W1M 7PG
Tel.: 01-486 2237
INDEX TO VOLUME EIGHT

(DECEMBER 1972 TO SEPTEMBER 1974)

Compiled by Lawrance Hurst

Page

General Index (omitting makers) ... 950
Index of Makers 959
List of Officers, Council and Committees ... 966

PAGINATION OF THE JOURNAL

<table>
<thead>
<tr>
<th>Issue Number</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>December, 1972</td>
<td>1 - 112</td>
</tr>
<tr>
<td>TWO</td>
<td>March, 1973</td>
<td>113 - 228</td>
</tr>
<tr>
<td>THREE</td>
<td>June, 1973</td>
<td>229 - 344</td>
</tr>
<tr>
<td>FOUR</td>
<td>September, 1973</td>
<td>345 - 460</td>
</tr>
<tr>
<td>FIVE</td>
<td>December, 1973</td>
<td>461 - 572</td>
</tr>
<tr>
<td>SIX</td>
<td>March, 1974</td>
<td>573 - 688</td>
</tr>
<tr>
<td>SEVEN</td>
<td>June, 1974</td>
<td>689 - 808</td>
</tr>
<tr>
<td>EIGHT</td>
<td>September, 1974</td>
<td>809 - 948</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>949 - 966</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

GENERAL INDEX [Omitting Makers]*

Heavy type indicates an illustration*

A
Abeler family of Wuppertal 506
Adult education (letter) by S. J. Franklin 206
Aghib, Edward G.: Hubert Sarton of Liege 42
Aghib, E.G., and J. H. Leopold: More about the elusive Fromanteel 890
Ahaz, Dial of 620
Aked, C. K.: A long lost lantern clock (letter) 541
Bewcastle Cross 497
Bewcastle Cross (letter) 777
Electricity, magnetism and clocks (letter) 316
Francis Dorrell C.C. 1702 (letter) 914
James Ferguson (letter) 550
Italian Tour 1973 382
Longitude and the marine chronometer 731, 854
The first electric clock 276
The first free pendulum clock (letter) 435, 545, 547, 660, 768, 921
The Museum, Farnham (letter) 914
Water clocks (letter) 547, 655
William Derham (letter) 316
Aked, C. K. and F. G. A. Shenton: A going barrel skeleton clock 75
Aked, J. R. A.: Clocks of china 748
Allen, Ralph : John Clement, Tring (letter) 91
Allix, Charles Miniature steam engines (letter) 545
Papier mâché clocks (letter) 552
Water clocks (letter) 432
Almost twins by D. J. Blackwell 290
Annual General Meeting 411, 905
Antique Collectors' Club 901
Asprey & Co.: Clockwork of the heavens 627
Astronomical clock by Anon 383
Couet 327
Heyes, George 629
Astronomical clocks at Padua 387
St. Mark's, Venice 388
Astronomical clocks at The Observatory, Calton Hall, Edinburgh by Christopher Wood 55
Astronomical watch (letter) by Jan Skala 916
Auction prices 79, 192, 308, 416, 527, 631, 760, 895
Austrian verge alarum clock 789
B
Bankruptcies in the clock trade (letter) by Godfrey Thompson 917
Barendsz clock, The 259
Bates, K.: North country clockmakers (letter) 774
Baxter, Dr. Harley: Edw. Hows, Holford (letter) 646
Beeson, C. F. C.: On cherubim and seraphim 716
Vertical or door frame turret clocks 484
Watch stands (letter) 430
Bendall, Simon: Some trade tokens of horological interest 292
Bewcastle Cross by C. K. Aked 497
Bewcastle Cross (letter) by
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aked, C. K.</td>
<td>777v8</td>
</tr>
<tr>
<td>Penfold, J. A.</td>
<td>647v8</td>
</tr>
<tr>
<td>Pleasure, Myron</td>
<td>776v8</td>
</tr>
<tr>
<td>Ward, F. A. B.</td>
<td>648, 779v8</td>
</tr>
<tr>
<td>Wharton, G. D. M.</td>
<td>776v8</td>
</tr>
<tr>
<td>Bird, Anthony.</td>
<td>866v8</td>
</tr>
<tr>
<td>Horological caelocanth</td>
<td></td>
</tr>
<tr>
<td>The first free pendulum clock (letter)</td>
<td>433v8</td>
</tr>
<tr>
<td>Water clocks (letter)</td>
<td>433v8</td>
</tr>
<tr>
<td>Birch, E. E.: Benjamin Grey and Justin Vulliamy (letter)</td>
<td>918v8</td>
</tr>
<tr>
<td>Blackwell, D. J.: Almost twins</td>
<td>290v8</td>
</tr>
<tr>
<td>Block, Murray M.:</td>
<td></td>
</tr>
<tr>
<td>Charles A. Lyon (letter)</td>
<td>783v8</td>
</tr>
<tr>
<td>John Ham (Letter)</td>
<td>783v8</td>
</tr>
<tr>
<td>Blue John (letter) by J. R. M. Setchell</td>
<td>768v8</td>
</tr>
<tr>
<td>Book reviews</td>
<td></td>
</tr>
<tr>
<td>Allix, Charles, &amp; Peter Bonnet Carriage Clocks</td>
<td>898v8</td>
</tr>
<tr>
<td>Bailey, Chris. H.: American Clock Making : Its Early History by Henry Terry</td>
<td>634v8</td>
</tr>
<tr>
<td>Bulletin of the Connecticut Historical Society, Vol. 38, No.3</td>
<td>637v8</td>
</tr>
<tr>
<td>Illustrated Catalogue of Clocks Manufactured by the Terry Clock Co., 1885</td>
<td>634v8</td>
</tr>
<tr>
<td>Illustrated Catalogue of Seth Thomas Clocks, Regulators and Timepieces, 1863</td>
<td>421v8</td>
</tr>
<tr>
<td>Basanta, Jose Luis Rolejeros De Espana, Diccionario Bio-Bibliografico</td>
<td>902v8</td>
</tr>
<tr>
<td>Battison, Edwin A., &amp; Patricia E. Kane The American Clock, 1725-1865</td>
<td>762v8</td>
</tr>
<tr>
<td>Bentley, W. J.: Looking for Clocks and Watches</td>
<td>638v8</td>
</tr>
<tr>
<td>Bird, Anthony: English House Clocks, 1600-1850</td>
<td>419v8</td>
</tr>
<tr>
<td>Blakemore, Kenneth The Retail Jeweller's Guide</td>
<td>639v8</td>
</tr>
<tr>
<td>Blakemore, Kenneth Management for the Retail Jeweller</td>
<td>639v8</td>
</tr>
<tr>
<td>Burrows, G. Edmond: Canadian Clocks and Clockmakers</td>
<td>529v8</td>
</tr>
<tr>
<td>Cosh, A. W.: The Antique Buyer's Dictionary of Names</td>
<td>194v8</td>
</tr>
<tr>
<td>Clutton, Cecil, G. H. Baillie &amp; C. A. Ilbert : Britten's Old Clocks and Watches and their Makers</td>
<td>633v8</td>
</tr>
<tr>
<td>Dworetski, Lester &amp; Robert Dickstein Horology Americana</td>
<td>310v8</td>
</tr>
<tr>
<td>Elgin, The National, Watch Company's Illustrated Almanac 1871 and 1873</td>
<td>81v8</td>
</tr>
<tr>
<td>Fleet, Simon: Clocks</td>
<td>310v8</td>
</tr>
<tr>
<td>Gazeley, W. J.: Clock and Watch Escapements</td>
<td>639v8</td>
</tr>
<tr>
<td>Hall Clocks, Catalogue and Price List of, 1910</td>
<td>82v8</td>
</tr>
<tr>
<td>Hana, W. F. J.: Middeneuropese Klokken</td>
<td>196v8</td>
</tr>
<tr>
<td>Higginbotham, C. T. &amp; P.: Jewelled Bearings for Watches</td>
<td>83v8</td>
</tr>
<tr>
<td>Himmelein, Volker: Uhren des 16/17 Jahrhunderts</td>
<td>904v8</td>
</tr>
<tr>
<td>Inechen, Peter: Auction Catalogues</td>
<td>421, 529, 761v8</td>
</tr>
<tr>
<td>Jagger, Cedric : Clocks</td>
<td>421v8</td>
</tr>
<tr>
<td>Jendritzki, H., &amp; J. P. Matthey Repairing Antique Pendulum Clocks</td>
<td>531v8</td>
</tr>
<tr>
<td>Kegelmann, P. M.: Auction Catalogues</td>
<td>195, 530, 636, 904v8</td>
</tr>
<tr>
<td>Kelly, Harold C.: Clock Repairing as a Hobby</td>
<td>531v8</td>
</tr>
<tr>
<td>Loomes, Brian: The White Dial Clock</td>
<td>901v8</td>
</tr>
<tr>
<td>Marouf: Auction Catalogues</td>
<td>196, 761v8</td>
</tr>
<tr>
<td>Mule, R.: Schriften der Freunde Alter Urhen. Heft XI, XII, &amp; XIII</td>
<td>81, 420, 903v8</td>
</tr>
<tr>
<td>Neumarkt, Galerie am : Auction Catalogues</td>
<td>82, 531, 904v8</td>
</tr>
<tr>
<td>Roberts, Kenneth D.: Eli Terry and the Connecticut Shelf Clock</td>
<td>419v8</td>
</tr>
<tr>
<td>Sellink, J. L.: Dutch Antique Domestic clocks</td>
<td>633v8</td>
</tr>
<tr>
<td>Selva Technic : Catalogues</td>
<td>195, 636v8</td>
</tr>
<tr>
<td>Book reviews (cont)</td>
<td></td>
</tr>
<tr>
<td>Simoni, Antonio: L'Orologio Publico di Bologna del 1451 e 13 sua Sfera</td>
<td>764v8</td>
</tr>
<tr>
<td>Smith, Alan : The Lancashire Watch Company, 1889-1910</td>
<td>637v8</td>
</tr>
<tr>
<td>Smith, Eric P.: Repairing Antique Clocks A Guide for Amateurs</td>
<td>640v8</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

St. Jans Kerk, Guide to the, Deinum, Friesland 311^V8

Surrey Dane, E.: Peter Stubs and the Lancashire Hand Tool Industry  900^V8
Tardy (H. Lengellé) : Dictionnaire des Horlogers Francais 420^V8
Townsend, George E.: Encyclopaedia of Dollar Watches 901^V8

Turner & Devereux Occasional Papers^V8
1. Maurice Wheeler's account of the inclined plane clock 1684  83^V8
2. William Congreve and his Clock 83
3. Alexander Bain's Short History of the Electric Clock 1852  637^V8
Tyler, E. J.: The Craft of the Clock- maker 763^V8
Vogel, H.: Catalogues 195, 312, 530, 761^V8
Waltham Banjo Clocks 82^V8

Ward, F. A. B.: Clocks and Watches^V8
1. Weight driven clocks 310^V8
2. Spring driven 83^V8

Waterbury Clock Co.: Catalogue No. 154, 1908-1909 81

Wolters, X. F. M. G.: De Friese Stoelen Staartklok zelf Thuis te Bouwen 903^V8
Wood, E. J.: Curiosities of Clocks and Watches 635^V8
Zeeman, J.: Kloeken mit de Gouden Eeuw 81^V8

Zeller, Michael : Auction Catalogues 312, 530, 761^V8

Bopp, William C.: Some early English table clocks 838^V8
Boulliau, Ishmael 26^V8
Bracket clock by: ^V8

Allam, William 22^V8
Ashley, John 472^V8
Barraud 649^V8
Barwise 562^V8
Bocket, Richard 363, 848^V8
Bolton, John 528^V8
Borel, A. L. 121^V8
Bridger, Samuel 577^V8
Chroet 896^V8
Clidsdale, Robert 802^V8
Cockey, Edward 443^V8
Delamere, Marc 460^V8
Delander, Daniel 467, 714^V8
Denne 698^V8
Dent 249^V8
Desbois & Wheeler 835^V8
du Chesne, Claudius 687^V8
Dutton, Matthew & Thomas 589^V8
East, Edward 758, 817^V8
Ellicott & Co. 19^V8
Ellicott, John 2, 245, 474, 528^V8
Etherington, George 809, 851^V8
Fell, John 759^V8
Fromanteel & Clarke 11^V8
Fromanteel, Abraham 891^V8
Funnell, Edward 647^V8
Graham, George 221, 823^V8
Gravel & Tolkein 242^V8
Grimalde & Johnson 417^V8
Bracket clock by: (cont) ^V8

Hampson, W. 234^V8
Hatton & Harris 222^V8
Hodges, Nathaniel 810^V8
Hodgkin, Robert 690^V8
Holmes, John 686^V8
<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Howse, Charles</td>
<td>124V8</td>
</tr>
<tr>
<td>Johnsson, J. A.</td>
<td>194V8</td>
</tr>
<tr>
<td>Jones, Henry</td>
<td>700, 839V8</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>570, 572, 944V8</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>370, 688, 844V8</td>
</tr>
<tr>
<td>Leplastrier</td>
<td>456V8</td>
</tr>
<tr>
<td>Maurhoff, Georg Friedrich</td>
<td>820V8</td>
</tr>
<tr>
<td>Maynard, Christopher</td>
<td>896V8</td>
</tr>
<tr>
<td>McCabe, James</td>
<td>826V8</td>
</tr>
<tr>
<td>Morrison, Theodore</td>
<td>802V8</td>
</tr>
<tr>
<td>Moss, Thomas</td>
<td>786V8</td>
</tr>
<tr>
<td>Murray, James</td>
<td>684V8</td>
</tr>
<tr>
<td>Norton, Eardley</td>
<td>694V8</td>
</tr>
<tr>
<td>Perigal, Francis</td>
<td>466V8</td>
</tr>
<tr>
<td>Prior, George</td>
<td>930V8</td>
</tr>
<tr>
<td>Purvis, Alexander</td>
<td>323V8</td>
</tr>
<tr>
<td>Quare &amp; Horseman</td>
<td>825V8</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>417, 948V8</td>
</tr>
<tr>
<td>Reith, James</td>
<td>480V8</td>
</tr>
<tr>
<td>Rimbault, Stephen</td>
<td>812V8</td>
</tr>
<tr>
<td>Shaw, John</td>
<td>808V8</td>
</tr>
<tr>
<td>Taylor, John</td>
<td>586V8</td>
</tr>
<tr>
<td>Thornton, Henry</td>
<td>802V8</td>
</tr>
<tr>
<td>Tompion &amp; Banger</td>
<td>464V8</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>813, 814, 818, 822V8</td>
</tr>
<tr>
<td>Tupling</td>
<td>542V8</td>
</tr>
<tr>
<td>Upjohn, James</td>
<td>692V8</td>
</tr>
<tr>
<td>Vernon, Thomas</td>
<td>80, 941V8</td>
</tr>
<tr>
<td>Viet, Claude</td>
<td>671V8</td>
</tr>
<tr>
<td>Vuilliamy</td>
<td>455V8</td>
</tr>
<tr>
<td>Warren</td>
<td>360V8</td>
</tr>
<tr>
<td>Webster, William</td>
<td>131, 836V8</td>
</tr>
<tr>
<td>Weisse, C. H.</td>
<td>353V8</td>
</tr>
<tr>
<td>Wightwick &amp; Moss</td>
<td>786V8</td>
</tr>
<tr>
<td>Wilson, Josiah</td>
<td>453V8</td>
</tr>
<tr>
<td>Wise, John</td>
<td>10V8</td>
</tr>
<tr>
<td>Bracket clocks, Some early English, by William C. Bopp</td>
<td>838V8</td>
</tr>
<tr>
<td>Briggs, John : A letter on the longitude</td>
<td>755V8</td>
</tr>
<tr>
<td>British Horological Institute</td>
<td></td>
</tr>
<tr>
<td>Annual General Meeting</td>
<td>537V8</td>
</tr>
<tr>
<td>Ipswich Branch</td>
<td>613V8</td>
</tr>
<tr>
<td>Brown, H. Miles: George Routleigh's epitaph (letter)</td>
<td>654V8</td>
</tr>
<tr>
<td>Brusa, G.</td>
<td></td>
</tr>
<tr>
<td>A possible connection with early escapements (letter)</td>
<td>911V8</td>
</tr>
<tr>
<td>Richard of Wallingford's escapement (letter)</td>
<td>645V8</td>
</tr>
<tr>
<td>The Falk collection (letter)</td>
<td>645V8</td>
</tr>
<tr>
<td>Brusa, G., &amp; C. Allix: Julien Le Roy (letter)</td>
<td>428V8</td>
</tr>
<tr>
<td>Bucknall, R. A.: Watchmaker's epitaph (letter)</td>
<td>541V8</td>
</tr>
</tbody>
</table>

Buggins, G. T. E., & A. J. Turner:
- The context of production, identification and dating of clocks by A. & J. Thwaites | 372V8 |
- Buhl clock by Varin | 670V8 |
- Bulle electric clock, Some notes on the, by A. Mitchell | 908V8 |
- Bunt, E. F.: An eighteenth century watch maker and his day book | 175V8 |
- Burchall, Adrian:       |
  - A. & J. Thwaites (letter) | 542V8 |
  - Edward Banger (letter)  | 429V8 |
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Movement makers (letter) 780^v8
Painted dials (letter) 780^v8

Burgess, Martin, & W. S. Laycock: The first free pendulum clock (letter) 659^v8
Byrne, Jo.: Isaac Penton (letter) 92^v8

C
Calendar, Perpetual 473^v8
Campbell, R. 372^v8
Canadian clocks and clockmakers 529^v8
Carillon at Veere 84^v8
Carriage clock by^v8
Anon 17, 98, 122, 216, 226, 347, 362, 454, 469, 470, 557, 565, 667, 698, 702, 713, 758, 801, 929^v8
Blumberg & Co. 21, 133^v8
Bolviller 338^v8
Dent 561^v8
Frodsham, Charles 346^v8
Gamier, Paul 232^v8
Jacot, H. 338^v8
Johnson, William 350^v8
Keyes, David 454^v8
Marc, Henri 454^v8
Margaine, A. 247^v8
McCabe, James 125, 458, 805, 834^v8
Smith & Sons 5^v8
Cartel clock by Jean Baptiste Boillon 397, 759^v8
Castings of wheels etc. 374^v8
Cattley, C. T. M.:^v8
Silvering of chapter rings (letter) 657^v8
Single handed 30-hour birdcage movements (letter) 657^v8
Thos. Moss Frodsham (letter) 91^v8
Cave-Brown-Cave, B. W.: Jonas Barber, Winchester (letter) 319^v8
Chamber clock, Gothic 446^v8
Chaplain, Jean 26^v8
Chapiro, Adolphe:^v8
Two interesting watches of the late XVIIIth century 412^v8
Two pocket chronometers by John Roger Arnold 190^v8
Was Henri Motel a pupil of Breguet? 506^v8
Watch No. 1 by Beaure 745^v8
Chapter rings, Silvering of (letter) by C. T. M. Cattley 657^v8
Cherubin and seraphim by C. F. C. Beeson 716^v8
Chiming work by Robert Sampson 316^v8
China clocks by J. R. A. Aked 748^v8
Chronometers, The Greenwich index of 62^v8
Chronometer, Mantel, by:^v8
Abbott, James 241^v8
Cole, Thomas 112^v8
Halton, James 579, 653^v8
Chronometer, Mantel, by: (cont)^v8
Mercer, Thomas 545^v8
Chronometer, Marine, by:^v8
Arnold & Dent 937^v8
Arnold, John 859^v8
Barraud 800^v8
Breguet 120^v8
Brockbank & Atkins 361^v8
Cathro, G. & R. 361^v8
Howells & Pennington 856^v8
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Lecomber, William 701v8
McGregor & Co. 701v8
Mudge, Thomas 856v8

Chronometer, Pocket, by:
Arnold, J. R. 191, 587v8
Ham, John 525v8

Circular error and the suspension spring by Kenneth James 868v8
Circular error (letter) by
James, Kenneth 770, 917v8
Laycock, W. S. 657v8
Lewis, Michael 917v8
Pleasure, Myron 770, 917v8

Clerkenwell clock factory, Visit to a 750v8
Clockmaker's trade labels (letter) by Christopher Wood 317v8
Clutton, Cecil, Master of the Worshipful Company of Clockmakers 398v8

Clutton, Cecil
The philosophy of Louis Berthoud 399v8
The Seth Atwood clock and watch collections 72v8
Thiout's detached watch escapement of 1741 625v8

Code of practice for restorers 538v8

Collections (see also Museums)v8
Barnett 906v8
Beeson 906v8
Coiion 784v8
de Melo, Prof. Dimas (Pimenta) 766v8
Elkington 655v8
Falk (Milan) 384, 645v8
Fiume, D. A. 396v8
Gershom Parkington 906v8
Iliffe 906v8
Jürgensen, Jules 644v8
Mayer, Joseph 423v8
Nederhorst Castle 422, 431, 543v8
Old Charter clock 654v8
Rycroft, C. H. 533v8
Saraceni (Sienna) 392v8
Seth Atwood 72v8
Waddesdon Manor 626v8
Wynter, Harriet 627v8
Yale University 762v8

Cambridge, J. H.: A genuinely ancient water clock (letter) 775v8
Congreve's free pendulum clock 434v8
Congreve, William (letter) by R. T. James 918v8

Courses on Antiquarian Horology 723, 731v8
Crabtree, G. C.: The Scott electric clock 491v8
Cunningham, D.: A late pair case (letter) 775v8

D
Daniels, George 886v8
Danish maker of clocks and watches, A, by Johan Knap 617v8
Dawe, P. N.: Henry Deykin, Worcester (letter) 775v8
Day book, An eighteenth century watch maker and his, by F. F. Bunt 175v8
De Luc, J. A. 277v8
Deparciex's pendulum 403v8
Derham, William (letter) by C. K. Aked 316v8
De Fazio, T. L.: A pocket chronometer by John Ham of London 525v8
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006
de Roberval, Giles-Personne 26V8
de Roo, Dr. T., and P. Vel.V8
   A special and curious type of clock from the Zaan region 724V8
   Historical problem solved with X-rays 521V8
   Restoration of a rare old Dutch wall clock 183V8
Dial sub-plates (letter) byV8
   Burchall, Adrian 780V8
   Laycock, W. S. 543V8
   Leach, A. F. 653V8
   Loomes, Brian 652, 914V8
   Miller, L. F. 650V8
Dondi's astrarium 627V8
Double dial longcase clock 325V8
Douglas, W. B.:V8
   Francis Forman (letter) 203V8
   Robert Roskell & Son (letter) 543V8
Drielsma's railway clock 78V8
Dubois, Oscar : Main springs (letter) 90V8
du Gast 33V8
Dunsink Observatory 536V8
Dutch clocks, Old, by E. L. Edwardes 254V8
   (letter) 429V8
Dutch wall clock, Restoration of a rare old by Dr. T. de Roo and P. Vel 183V8
E
Earth driven clock, The, by F. G. A. Shenton 63V8
Edwardes, E. L.: Old Dutch clocks 254V8
   (letter) 429V8
Electric clock, The first, by C. K. Aked 276V8
Electric clock, The Scott, by G. C. Crabtree 491V8
Electrical Horology Group 87, 198, 313, 424, 533, 642, 767, 908V8
Electricity, magnetism and clocks (letter) by C. K. Aked 316V8
Epitaph, Watchmaker's 429, 541, 654V8
EscapementsV8
   Brocot 627V8
   chronometer 864V8
   "crocodile" 386V8
   dead beat 71V8
   Kelvin's centrifugal 136V8
   magnetic 198V8
   pouzait lever 415V8
   Professor Strasser's 9V8
   Reid's spring pallet 57V8
Escapements (cont)V8
   Richard of Wallingford 627, 645, 911V8
   Thiout's detached watch 625V8
   tic tac 410V8
Escapements, A possible connection with early (letter) by Giuseppe Brusa 911V8
Escapement errors (letter) byV8
   Nettell, D. F. 650V8
   Weaver, J. D. 770V8
Evans, D. M. W., and Noel C. Evans: A remarkable clock by John Ellicott 402V8
F
Fairclough, Oliver: Joseph Finney, Liverpool (letter) 783V8
Fake lantern clock 630V8
Farnham Museum (letter) by C. K. Aked 914V8
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

F.A.U.  81, 85, 420, 541, 624, 903
F.A.U., Summer meeting, 1973  427
Fellows, Mrs. Josephine: John Frazor, Worcester (letter)  202
Ferguson, James  276, 299, 551
   (letter) by C. K. Aked  550
Fielden, J. A.: A Parisian clock (letter)  646
Flamsteed, John  736
Forster, B. M.  277
For Your Further Reading  84, 174, 312, 422, 532, 640, 765, 905
Franklin, S. J.: Adult education  206
Free pendulum clock by R. J. Rudd  144
Free pendulum clock, V:
   The first by C. K. Aked  136
   (letter) by Aked, C. K.  435, 545, 547, 660, 768, 921
   Bird, Anthony  433
   Burgess, Martin & W. S. Laycock  659
   Laycock, W. S.  434, 920
   Lloyd Thomas, E.  320, 549
   Mitchell, A.  319, 546

G
Gant, S. G.: Water clocks (letter)  654
Gassendi, Pierre  26
German wall clocks (letter) by H. A. Silk  202
Globe clock by Antoine Redier  341
Goodship, Geoffrey: Henry Hindley, York (letter)  647
Goss, W. H.  748
Gribelin, Simon  717, 721
Grimsley, Edmund, V:
   A Wise tic-tac  409
   Outward signs of William Bowyer  747
   The Roman four  646
Guelph Exhibition (letter) by P. L. Lavoie  661
H
Haagse clock by:  V
   Norris, Joseph  237
   van Ceulen, Johannes  70
   van Leeuwaarden, J. J.  25
Halton, Thomas  373
Hammond, H. G.: The elusive Fromanteel (letter)  92
Harmer, Dr. Keith Obituary  506
Heard, K. F. Edward Funnell, Brighton (letter)  647
Hewitt, P. A.  V
   Brass dial clock - restoration (letter)  912
   Country longcase clockmakers and painted dials (letter)  429, 650, 780, 912
   Turret clocks (letter)  912
Holder, R. S.: John Carter, London (letter)  552
Horological caelocanth by Anthony Bird  867
Horton, E.: Edw. How, Holford (letter)  774
Hudswell, Rev. Abraham  383
Husbands, L. W. U.: The Roman four (letter)  773
Huygens, Christian  24, 734
I
Ice Harbour, The hut at  258
Inclined plane clock  793
Instruments for measuring time  187
Irish Section  313, 536
Irving, William
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Christopher Gould (letter) 772\textsuperscript{V8}
George Graham of Rigg (letter) 779\textsuperscript{V8}
Irwin's chair 757\textsuperscript{V8}
Irwin, W. G.: Watchmaker's tokens (letter) 89\textsuperscript{V8}
Italian Tour, 1973 by C. K. Aked 382\textsuperscript{V8}
J
Jacks of town and country, Clock, by J. R. Nichols 887\textsuperscript{V8}
James, Kenneth: Circular error and the suspension spring (letter) 868\textsuperscript{V8}
James, Robert T.: William Congreve (letter) 918\textsuperscript{V8}
Jewish tradition, \textsuperscript{V8}
  Time in the, by Myron Pleasure 619\textsuperscript{V8}
  (letter) by King, David A. 919\textsuperscript{V8}
  (letter) by King, Henry C. 919\textsuperscript{V8}
Johnsson, J. A. Obituary 194\textsuperscript{V8}
K
Kelvin, Lord 138\textsuperscript{V8}
King, David A.: Time in Jewish tradition (letter) 919\textsuperscript{V8}
King, Henry C.: Muslim prayer times (letter) 919\textsuperscript{V8}
Knap, Johan: A Danish maker of clocks and watches 617\textsuperscript{V8}
L
Laidlow, S. G.: Miniature steam engines (letter) 646\textsuperscript{V8}
Lamp clock, 18th century 394\textsuperscript{V8}
Lancashire gauge (letter) by Pleasure, Myron 203\textsuperscript{V8}
  Wadsworth, J. H. F. 204\textsuperscript{V8}
Landes, D. S.: David Lestourgeon (letter) 775\textsuperscript{V8}
Lantern clock by William Bowyer by Edmund Grimsley 747\textsuperscript{V8}
Lantern clocks by: \textsuperscript{V8}
  Ames, Richard 451\textsuperscript{V8}
  Anon 15, 357, 541, 681\textsuperscript{V8}
  Bowyer, William 747\textsuperscript{V8}
  Clarke, George 338\textsuperscript{V8}
  Forman, Francis 203\textsuperscript{V8}
  Graham, George 113\textsuperscript{V8}
  Greenhill, John 358\textsuperscript{V8}
  Haydon, William (fake) 630\textsuperscript{V8}
  Japanese anon 451\textsuperscript{V8}
  Knibb, Joseph 462, 668\textsuperscript{V8}
  Morley, Richard 867\textsuperscript{V8}
  Netherlands anon 451\textsuperscript{V8}
  Speakman, William 441\textsuperscript{V8}
  Wise, John 409\textsuperscript{V8}
Laurence, G. F.: Richard Laurence (letter) 206\textsuperscript{V8}
Lavoie, P. L.\textsuperscript{V8}
  J. C. Jennens, London (letter) 427\textsuperscript{V8}
  Peter Clare, Manchester (letter) 91\textsuperscript{V8}
  The Guelph Exhibition (letter) 661\textsuperscript{V8}
Laycock, W. S.\textsuperscript{V8}
  A cautionary tale 884\textsuperscript{V8}
  Circular error and the suspension spring (letter) 657\textsuperscript{V8}
  Country longcase clockmakers (letter) 543, 781\textsuperscript{V8}
  The first free pendulum clock (letter) 435, 920\textsuperscript{V8}
  The Russell family of Wolton (letter) 91\textsuperscript{V8}
Leach, A. F.: Dial sub-plates (letter) 653\textsuperscript{V8}
Leicester, Society of Watch & Clockmakers of 651\textsuperscript{V8}
Lewis, G. D.: Colour slides (letter) 552\textsuperscript{V8}
Lewis, Michael: Circular error (letter) 917\textsuperscript{V8}
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Library, The A.H.S. (letter) by Godfrey Thompson 553V8
Library notes 200, 301, 425, 613, 883V8
Littler, A.: William Graham (letter) 779V8
Locke, J. E.: A Thomas Tompion turret clock 172V8

Longcase clock by:V8
Anon 438, 597V8
Apps, Robert 170V8
Ashton 329V8
Ashton, Thomas 477V8
Barker 331V8
Bilbie, Thomas 168V8
Bodenheim, Edward 459V8
Borret, George 227V8
Bradley, Langley 571V8
Budgen, Thomas 99V8
Cabrier, Charles 97V8
Carter, Thomas 927V8
Davis, Samuel 704V8
de Charmes 4V8
Drury, James 132V8
Ellicott, John 213, 345, 402V8
Elphinstone 193V8
Farrer, Joshua 169V8
French, J. 940V8
Froft, R. 896V8
Fromanteel 271V8
Fromanteel & Clarke 235V8
Fromanteel, Abraham 890V8
Gardner, Thomas 444V8
Gould, Christopher 940V8
Graham, George 166, 230, 364, 580, 709V8
Grimes, William 164V8
Hakings, John 169V8
Harper, Henry 831V8
Hunt, John 796V8
Huygens 272V8
Inkpen, John 167V8

Lantern clocks by:(cont)V8
Jackson, Thomas 444V8
Jones, Henry 228V8
Jordan, John 947V8
Kilgour, Thomas 132V8
Knibb, John 475V8
Knibb, Joseph 115, 164, 243, 574, 591V8
Knip, Gerrit 273V8
Lowndes, Jonathan 245V8
Man, Daniel 348V8
Massy, Jacob 684V8
Motley, John 674V8
Ogden, John 227V8
Oliver, John 274V8
Pearson 166V8
Penton, Charles 457V8
Prevost, William 223V8
Quare & Horseman 111V8
Quare, Daniel 6, 248, 674V8
Rayment, Richard 457V8
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Ross, David 444V8
Russell, Joseph 884V8
Sellers, William 824V8
Simms, George 339V8
Snow, William 652V8
Steele, William 568V8
Thomas, F. 674V8
Tompion, Thomas 3, 574, 819V8
Vulliamy 711V8
Williamson, Joseph 598V8
Windmills, J. 940V8
Windmills, Joseph 479V8
Wise, John 163V8
Younge, Henry 695V8

Longitude and the marine chronometer by C. K. Aked 632, 854V8
Longitude, A letter on the, by John Briggs 755V8

Loomes, Brian

Painted dials (letter) 652, 914V8
The Barbers of Winster (letter) 93V8
The least elusive Fromanteel (letter) 205V8
Thomas Norweb (Browne ?) (letter) 911V8

M

Magazines for antique collectors 638V8
Main springs (letter) by Oscar Dubois 90V8
Majorcan clocks (letter) by John Vernon 205V8
Malies, H.: Paper clocks (letter) 913V8
Manchester Cathedral clock (letter) by Mrs. R. K. Shenton 774V8
Mantel chronometer see Chronometer, MantelV8
Mantel clock by

Ellicott 712V8
Grimalde & Johnson 309V8

Marine chronometer see Chronometer MarineV8
Marine timekeeper by John Harrison 740V8
March, J. 276V8
McGarva, James - Obituary 757V8
McIntyre, Peter : Robert Sampson, Westminster (letter) 316V8
McKay, C. G.: Turret clock restoration (letter) 202V8
Meetings 85, 196, 313, 533, 641, 766, 905V8
Membership 71, 199, 289, 411, 526, 644, 754, 886V8

Museums:

Bridgenorth 486V8
Brussels 42V8
Chantilly: Condé 496V8
Copenhagen: Mechanical music 174V8
Denver: Clock Manor 905V8

Meetings 85, 196, 313, 533, 641, 766, 905V8
Membership 71, 199, 289, 411, 526, 644, 754, 886V8

Museums:

Bridgenorth 486V8
Brussels 42V8
Chantilly: Condé 496V8
Copenhagen: Mechanical music 174V8
Denver: Clock Manor 905V8
<table>
<thead>
<tr>
<th>Place/Location</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dorchester</td>
<td>910</td>
</tr>
<tr>
<td>Dordrecht: Van Gijn</td>
<td>641</td>
</tr>
<tr>
<td>Farnham</td>
<td>914</td>
</tr>
<tr>
<td>Florence: History of Science</td>
<td>390</td>
</tr>
<tr>
<td>Frankfurt</td>
<td>541</td>
</tr>
<tr>
<td>Geneva</td>
<td>640</td>
</tr>
<tr>
<td>Haslach, Black Forrest</td>
<td>422</td>
</tr>
<tr>
<td>Jersey</td>
<td>84</td>
</tr>
<tr>
<td>Leicester</td>
<td>651</td>
</tr>
<tr>
<td>Le Lode</td>
<td>644</td>
</tr>
<tr>
<td>Liverpool</td>
<td>423, 552</td>
</tr>
<tr>
<td>London: Victoria &amp; Albert</td>
<td>313</td>
</tr>
<tr>
<td>Milan</td>
<td>384, 645</td>
</tr>
<tr>
<td>Mùnchen</td>
<td>541</td>
</tr>
<tr>
<td>Nordiska</td>
<td>766</td>
</tr>
<tr>
<td>Oxford: History of Science</td>
<td>906</td>
</tr>
<tr>
<td>Prague</td>
<td>84</td>
</tr>
<tr>
<td>Schluchsee: Heimat</td>
<td>84</td>
</tr>
<tr>
<td>Schwenningen</td>
<td>84, 541</td>
</tr>
<tr>
<td>Stuttgart</td>
<td>904</td>
</tr>
<tr>
<td>Ulm</td>
<td>541</td>
</tr>
<tr>
<td>Utrecht</td>
<td>725, 905</td>
</tr>
<tr>
<td>Vienna</td>
<td>44</td>
</tr>
<tr>
<td>Wuppertal</td>
<td>422</td>
</tr>
<tr>
<td>Zaandijk</td>
<td>729</td>
</tr>
<tr>
<td>Muslim prayer times by Myron Pleasure</td>
<td>619</td>
</tr>
<tr>
<td>(letter) by King, David A. King, Henry C.</td>
<td>919</td>
</tr>
<tr>
<td>Mylon, Claude</td>
<td>26</td>
</tr>
<tr>
<td>Mystery clock</td>
<td>14</td>
</tr>
<tr>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Nederhorst collection, The (letter) by Pothoven, W. J.</td>
<td>431</td>
</tr>
<tr>
<td>Rüssler, Hans-Otto</td>
<td>543</td>
</tr>
<tr>
<td>Volpone</td>
<td>543</td>
</tr>
<tr>
<td>Neilson, Meyrick</td>
<td>653</td>
</tr>
<tr>
<td>James Halton (letter)</td>
<td></td>
</tr>
<tr>
<td>John Carter of London (letter)</td>
<td>431</td>
</tr>
<tr>
<td>Thomas Mudge &amp; William Dutton (letter)</td>
<td>206</td>
</tr>
<tr>
<td>Nelson, Thomas R. - Obituary</td>
<td>426</td>
</tr>
<tr>
<td>Nesbitt, K.: Sam. Thorp, Abberley (letter)</td>
<td>549</td>
</tr>
<tr>
<td>Nettell, D. F.:</td>
<td></td>
</tr>
<tr>
<td>A visit to West Tofts</td>
<td>614</td>
</tr>
<tr>
<td>Escapement errors (letter)</td>
<td>650</td>
</tr>
<tr>
<td>Henry Hindley of York (letter)</td>
<td>915</td>
</tr>
<tr>
<td>The clock at St. Peter's, Wallingford</td>
<td>188</td>
</tr>
<tr>
<td>The Roman four (letter)</td>
<td>773</td>
</tr>
<tr>
<td>Newcastle-under-Lyme Society of Clockmakers</td>
<td>782</td>
</tr>
<tr>
<td>Nichols, J. R.: Clock jacks of town and country</td>
<td>887</td>
</tr>
<tr>
<td>Night clock by:</td>
<td>386</td>
</tr>
<tr>
<td>Anon</td>
<td></td>
</tr>
<tr>
<td>Antinoni, Gio</td>
<td>395</td>
</tr>
<tr>
<td>North country clockmakers (letter) by K. Bates</td>
<td>774</td>
</tr>
<tr>
<td>Northern Section</td>
<td>86, 197, 314, 423, 533, 642, 906</td>
</tr>
</tbody>
</table>
**Obituaries**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harmer, Dr. Keith</td>
<td>506</td>
</tr>
<tr>
<td>Johnson, J. A.</td>
<td>194</td>
</tr>
<tr>
<td>McGarva, James</td>
<td>757</td>
</tr>
<tr>
<td>Nelson, Thomas R.</td>
<td>426</td>
</tr>
<tr>
<td>Palmer, Brooks</td>
<td>629</td>
</tr>
<tr>
<td>Pitcher, M. A.</td>
<td>426</td>
</tr>
<tr>
<td>Harmer, Dr. Keith</td>
<td>506</td>
</tr>
<tr>
<td>Johnsson, J. A.</td>
<td>194</td>
</tr>
<tr>
<td>McGarva, James</td>
<td>757</td>
</tr>
<tr>
<td>Nelson, Thomas R.</td>
<td>426</td>
</tr>
<tr>
<td>Palmer, Brooks</td>
<td>629</td>
</tr>
<tr>
<td>Pitcher, M. A.</td>
<td>426</td>
</tr>
</tbody>
</table>

**Openshaw Technical College, Manchester**

723

**Orrey clock by Lepaute**

628

**Painted dials (letter)**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burchall, Adrian</td>
<td>780</td>
</tr>
<tr>
<td>Hewitt, P. A.</td>
<td>650, 912</td>
</tr>
<tr>
<td>Laycock, W. S.</td>
<td>544, 781</td>
</tr>
<tr>
<td>Loomes, Brian</td>
<td>652, 914</td>
</tr>
<tr>
<td>Miller, L. F.</td>
<td>650</td>
</tr>
<tr>
<td>Pearson, Brian</td>
<td>780</td>
</tr>
<tr>
<td>Treherne, Alan</td>
<td>782</td>
</tr>
</tbody>
</table>

**Paper clocks (letter)**

913

**Paper maché clocks (letter)**

552

**Pearson, Brian**

Painted dials (letter) 780
Silvering (letter) 780
The Roman four (letter) 780

**Pearson, William**

372

**Pendulum**

circular error, see Circular compensation 403
Ellicott’s compensation 404
errors 302
free, see Free pendulum variation of rates with altitude 305

**Penfold, John B.**

Bewcastle Cross (letter) 647
Edward Banger (letter) 551
The Cumbrian background of George Graham 600

**Petit, Pierre**

30

**Pettifer, Martyn**

Unusual striking trains (letter) 320

**Petit, Shiel**

Clock by Henry Hindley at Wallington Hall (letter) 774

**Photography in museums**

432, 483, 552

**Pike, M. J.**

John Frost, Chichester (letter) 545

**Pinder, W.**

(obituary) 426

**Pitcher, M. A.**

(obituary) 426

**Pleasure, Myron**

Bewcastle Cross (letter) 776
Circular error (letter) 658, 768
How the rate of a pendulum clock will change with altitude 305
Sundial in Istanbul (letter) 776
Time in Jewish tradition 619
Watch sizes (letter) 203

**Plomp, Dr. R.**

The Dutch origin of the French pendulum clock 24
<table>
<thead>
<tr>
<th>Pocket chronometer, see Chronometer, pocket</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pocket chronometer by John Ham of London by T. L. de Fazio</td>
</tr>
<tr>
<td>Pothoven, W. J.: The Nederhorst Collection (letter)</td>
</tr>
<tr>
<td>Price, Derek de Solla : Water clocks (letter)</td>
</tr>
<tr>
<td>Price, J.: Smith family of Chester (letter)</td>
</tr>
<tr>
<td>Visual aids (letter)</td>
</tr>
<tr>
<td>Whitworth of Lussley (letter)</td>
</tr>
<tr>
<td>Programme</td>
</tr>
<tr>
<td>Publication notes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ramis, Professor</td>
</tr>
<tr>
<td>Randall, A. G.: John Harrison (letter)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Regulator clock by:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anon</td>
</tr>
<tr>
<td>Bentley, P. A.</td>
</tr>
<tr>
<td>Bryson, Robert</td>
</tr>
<tr>
<td>Cornell</td>
</tr>
<tr>
<td>Ellicott, John</td>
</tr>
<tr>
<td>Graham, George</td>
</tr>
<tr>
<td>Michoulet</td>
</tr>
<tr>
<td>Mudge &amp; Dutton</td>
</tr>
<tr>
<td>Parent, L.</td>
</tr>
<tr>
<td>Reid &amp; Auld</td>
</tr>
<tr>
<td>Ross, David</td>
</tr>
<tr>
<td>Sarton, Hubert</td>
</tr>
<tr>
<td>Simmons, Alexander</td>
</tr>
<tr>
<td>Strasser &amp; Rohde</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Regulator, Shelf, by:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chambel, Alex.</td>
</tr>
<tr>
<td>Marti</td>
</tr>
<tr>
<td>Martin, Benjamin</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Religieuse clock by:</th>
</tr>
</thead>
<tbody>
<tr>
<td>le Veronne, Louis</td>
</tr>
<tr>
<td>Thuret, Isaac</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Restoration of brass dial clock (letter) by P. A. Hewitt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restorers, Code of Practice for</td>
</tr>
<tr>
<td>Rizzardi, Paulo : The Roman four (letter)</td>
</tr>
<tr>
<td>Robinson, T. O.: The thirty hour longcase clock</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Roman four, The (letter) by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grimse, Edmund</td>
</tr>
<tr>
<td>Husbands, L. W. V.</td>
</tr>
<tr>
<td>Nettell, D. F.</td>
</tr>
<tr>
<td>Pearson, Brian</td>
</tr>
<tr>
<td>Rizzardi, Paulo</td>
</tr>
<tr>
<td>Routley, C. W.</td>
</tr>
<tr>
<td>Tyler, E. J.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ronalds, Sir Francis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Routley, C. W.: The Roman four (letter)</td>
</tr>
<tr>
<td>Royal Academy, The</td>
</tr>
<tr>
<td>Rüssler, Hans-Orto</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rycroft, C. H.:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A spring driven year clock</td>
</tr>
<tr>
<td>Robert Sampson (letter)</td>
</tr>
<tr>
<td>Topic</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Silvering of chapter rings (letter)</td>
</tr>
<tr>
<td>Water clocks (letter)</td>
</tr>
<tr>
<td>Sand glass, 15th century</td>
</tr>
<tr>
<td>Sedan clock by Thomas Reid</td>
</tr>
<tr>
<td>Setchell, J. R. M.: Blue John (letter)</td>
</tr>
<tr>
<td>Shanks, R. W.: John Roger Arnold No.11 (letter)</td>
</tr>
<tr>
<td>Shenton, F. G. A.: The earth driven electrical clock</td>
</tr>
<tr>
<td>Shenton, F. G. A., &amp; C. K. Aked: A going barrel skeleton clock</td>
</tr>
<tr>
<td>Shenton, Mrs. R. K.: Manchester Cathedral clock (letter)</td>
</tr>
<tr>
<td>Silk, Harvey A.: German wall clocks (letter)</td>
</tr>
<tr>
<td>Singer, George John</td>
</tr>
<tr>
<td>...</td>
</tr>
<tr>
<td>Skeleton clock by:</td>
</tr>
<tr>
<td>Anon</td>
</tr>
<tr>
<td>Blaylock, John</td>
</tr>
<tr>
<td>Elisha, Caleb</td>
</tr>
<tr>
<td>Evans</td>
</tr>
<tr>
<td>Humphrey’s, W.</td>
</tr>
<tr>
<td>Lowe, J.</td>
</tr>
<tr>
<td>Pierrre</td>
</tr>
<tr>
<td>Rouy, Charles</td>
</tr>
<tr>
<td>Sarton, Hubert</td>
</tr>
<tr>
<td>Skeleton clock by: (cont)</td>
</tr>
<tr>
<td>Thomas</td>
</tr>
<tr>
<td>Smith, E. L.: An interesting article in French (letter)</td>
</tr>
<tr>
<td>Steam engines, Miniature (letter)</td>
</tr>
<tr>
<td>Allix, Charles</td>
</tr>
<tr>
<td>Laidlow, S. G.</td>
</tr>
<tr>
<td>Stocker, K.: Water clock (letter)</td>
</tr>
<tr>
<td>Stoelklok by Antoni ter Swaek</td>
</tr>
<tr>
<td>Stolen</td>
</tr>
<tr>
<td>Striking trains, Unusual (letter) by Martyn Pettifer</td>
</tr>
<tr>
<td>Stuurman, Jan</td>
</tr>
<tr>
<td>Sundial at</td>
</tr>
<tr>
<td>Bewcastle Cross</td>
</tr>
<tr>
<td>Kirkdale Church</td>
</tr>
<tr>
<td>Sundial in Istanbul (letter) by Myron Pleasure</td>
</tr>
<tr>
<td>Sundials in Birkenau</td>
</tr>
<tr>
<td>Sussex clockmakers (letter) by E. J. Tyler</td>
</tr>
<tr>
<td>T</td>
</tr>
<tr>
<td>Table clock by:</td>
</tr>
<tr>
<td>Anon</td>
</tr>
<tr>
<td>Fournier et Cie</td>
</tr>
<tr>
<td>Lederk</td>
</tr>
<tr>
<td>Miller, Christoff</td>
</tr>
<tr>
<td>Thirty hour longcase clock, The, by T. O. Robinson</td>
</tr>
<tr>
<td>Thioiu's detached watch escapement of 1741 by Cecil Clutton</td>
</tr>
<tr>
<td>Thomas, F. Lloyd: The first free pendulum clock (letter)</td>
</tr>
<tr>
<td>Thompson, Godfrey:</td>
</tr>
<tr>
<td>Bankruptcies in the clock trade (letter)</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

The A.H.S. library (letter) 553V8

Thompson, Sir William, 's centrifugal clock 136V8

Tidal clock, James Ferguson's (letter) by J. R. Millburn 551V8

Tidmus, N. H.: More about Wilmshurst (letter) 90V8

Timekeeping of pendulum clocks, Major errors in, by Dr. J. D. Weaver 302V8

Todd, William: A Tompion timepiece (letter) 432V8

Tools, Watch and clock making 393V8

Trade label of James Robinson 317V8

Trade tokens 292, 304, 317V8

Trehearne, Alan : Provincial clock manufacturers (letter) 782V8

Trinkspiel 576V8

Turner, A. J.: The introduction of the dead beat escapement 71V8

Turner, A. J., & G. T. F. Buggins: 372V8

The context of production, identification and dating of clocks by A. & J. Thwaites

Turner, G. L'E.: Water clock (letter) 432V8

Turret clocks

Arnemuiden (Zeeland) 312V8

Bere Regis 910V8

Bologna 764V8

Buckhurst Hill, St. John's 536V8

Castle Combe 485V8

Charminster 910V8

Chelford 907V8

Clandon Park 535V8

Cotehele House 484V8

Turret clocks (cont) 88V8

Denium (Friesland) 311V8

Dordrecht 610V8

East Hendred 767V8

Exeter Cathedral 485V8

St. Mary's Steps 887V8

Florence 392V8

Goostrey 907V8

Grosmont 486V8

Hanwell Community Centre 202V8

Kedington 913V8

Kingston upon Thames, All Saints 508V8

Leicester, All Saints 887V8

Letcombe Regis 767V8

Lockinge 767V8

London, St. Andrew's, Holborn 496V8

Swiss Centre 84V8

Loughton 535V8

Macclesfield 907V8

Manchester Cathedral 774V8

Marston Magna 485V8

Momnikendam 84V8

Murten (Switzerland) 905V8

Netherbury 910V8

Old Radnor 487V8

Oxford, Carfax Tower 888V8

Padua 387V8

Paris 495V8

15th cent. manuscript 461V8

Pott-Shrigley 907V8
<table>
<thead>
<tr>
<th>Location</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poulton Hall (Wirral)</td>
<td>431</td>
</tr>
<tr>
<td>Prague</td>
<td>621</td>
</tr>
<tr>
<td>Quatt, Dudmaston House</td>
<td>486</td>
</tr>
<tr>
<td>Rome</td>
<td>394</td>
</tr>
<tr>
<td>Rye</td>
<td>888</td>
</tr>
<tr>
<td>St. Gallen (Switzerland)</td>
<td>903</td>
</tr>
<tr>
<td>Scheveningen</td>
<td>28, 255</td>
</tr>
<tr>
<td>Sherborne Abbey</td>
<td>910</td>
</tr>
<tr>
<td>Smithsonian Museum (model)</td>
<td>312</td>
</tr>
<tr>
<td>South Perrot</td>
<td>910</td>
</tr>
<tr>
<td>Stoke by Clare</td>
<td>489</td>
</tr>
<tr>
<td>Stratton</td>
<td>910</td>
</tr>
<tr>
<td>Sydling St. Nicholas</td>
<td>910</td>
</tr>
<tr>
<td>Tytherington</td>
<td>488</td>
</tr>
<tr>
<td>Utrecht</td>
<td>28, 905</td>
</tr>
<tr>
<td>Venice</td>
<td>389</td>
</tr>
<tr>
<td>St. Mark's</td>
<td>388</td>
</tr>
<tr>
<td>Venzone</td>
<td>312</td>
</tr>
<tr>
<td>Walburg</td>
<td>422</td>
</tr>
<tr>
<td>Wallingford, St. Peter's</td>
<td>188</td>
</tr>
<tr>
<td>Wallington Hall</td>
<td>647, 774, 915</td>
</tr>
<tr>
<td>West Grinstead Park</td>
<td>87</td>
</tr>
<tr>
<td>West Horsley Place</td>
<td>535</td>
</tr>
<tr>
<td>Turret clocks (contV8)</td>
<td></td>
</tr>
<tr>
<td>West Tofts (Norfolk)</td>
<td>614</td>
</tr>
<tr>
<td>Whitchurch Canonicorum</td>
<td>910</td>
</tr>
<tr>
<td>Whittlebury Lodge</td>
<td>298</td>
</tr>
<tr>
<td>Yately</td>
<td>534</td>
</tr>
<tr>
<td>Turret clock by V8</td>
<td></td>
</tr>
<tr>
<td>Anon</td>
<td>119</td>
</tr>
<tr>
<td>Gillett &amp; Bland</td>
<td>298</td>
</tr>
<tr>
<td>Gloder, Johannes Paulus</td>
<td>389</td>
</tr>
<tr>
<td>Hindley, Henry</td>
<td>915</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>172</td>
</tr>
<tr>
<td>Turret clock by Thomas Tompion by J.E. Locke</td>
<td>172</td>
</tr>
<tr>
<td>Turret Clock Group</td>
<td>87, 200, 424, 534, 643, 754, 767, 909</td>
</tr>
<tr>
<td>Turret clock restoration (letter) by C. G. McKay</td>
<td>202</td>
</tr>
<tr>
<td>Turret clocks (letter) by P. A. Hewitt</td>
<td>912</td>
</tr>
<tr>
<td>Turret clocks, Vertical or doorframe, by C. F. C. Beeson</td>
<td>484</td>
</tr>
<tr>
<td>Tyler, E. J. V8</td>
<td></td>
</tr>
<tr>
<td>Edward Funnel, Brighton (letter)</td>
<td>774</td>
</tr>
<tr>
<td>Isaac Larpent (letter)</td>
<td>776</td>
</tr>
<tr>
<td>Sussex clockmakers (letter)</td>
<td>916</td>
</tr>
<tr>
<td>The clocks in the church of All Saints, Kingston upon Thames</td>
<td>508</td>
</tr>
<tr>
<td>The Roman four (letter)</td>
<td>773</td>
</tr>
<tr>
<td>V</td>
<td></td>
</tr>
<tr>
<td>Van Schie, J. W. A.: Thomes Hinde (letter)</td>
<td>429</td>
</tr>
<tr>
<td>Vernon, John V8</td>
<td></td>
</tr>
<tr>
<td>Majorcan clocks (letter)</td>
<td>205</td>
</tr>
<tr>
<td>Peter Clare, Manchester (letter)</td>
<td>206</td>
</tr>
<tr>
<td>Volpone : The Nederhorst collection (letter)</td>
<td>543</td>
</tr>
<tr>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Wadsworth, J. H. F.: Watch sizes (letter)</td>
<td>204</td>
</tr>
<tr>
<td>Wall clock V8</td>
<td></td>
</tr>
<tr>
<td>French</td>
<td>821</td>
</tr>
<tr>
<td>German</td>
<td>449, 705, 706</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Renaissance

Wall clock by Peter Evers

Ward, Dr. F. A. B.: V8

A 12 hour public clock dial of the 15th century in Paris 495 V8
A note on two Brocot inventions 626 V8
Bewcastle Cross (letter) 648, 779 V8

Watch by:

Anon 471, 567, 595 V8
Arnold, J. R. 912 V8
Arthur, Jean 413 V8
Atmore 833 V8
Bovet 368 V8
Capt & Co. 693 V8
Chater 632 V8
Delander, Daniel 359 V8
Dussaquey 632 V8
Ferrero 583 V8
Frodsham, Charles 291 V8
Golay-Leresche et fils 368 V8
Halsted, John 829 V8
Hochenadel 352 V8
Hubert, James 632 V8

Watch by: (cont) V8

Jones, Henry 430 V8
Larpent & Jurgensen 618 V8
Le Roy, Julien 428 V8
Meyronne 897 V8
Motel, Henri 507 V8
Newsome & Co. 693 V8
Player, J., & Son 916 V8
Pouzait, Jean Moïse 414 V8
Sarton, Hubert 53 V8
Stratford 567 V8
Sully, Henry 430 V8
Vaucher 447 V8
Viet, Claude 816 V8
Wallen, William 632 V8
Windmills, J. & T. 833 V8

Watch No. 1 by Beaure by Adolphe Chapiro 745 V8

Watch stands (letter) by C. F. C. Beeson 430 V8

Watch sizes (letter) by V8

Pleasure, Myron 203 V8
Wadsworth, J. H. F. 204 V8

Watchmaker's epitaph (letter) by V8

Bucknall, R. A. 541 V8
Miles Brown, H. 654 V8
van Schie, J. W. A. 429 V8

Watchmaker's tokens (letter) by V8

Irwin, W. J. 90 V8
Stuart, W. G. 317 V8

Water clock (letter) by V8

Aked, C. K. 547, 655 V8
Allix, Charles 432 V8
Bird, Anthony 433 V8
Combridge, J. H. 775 V8
Gant, S. G. 654 V8
Price, Derek de Solla 548 V8
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Rycroft, C. H. 433V8
Stocker, K. 318V8
Turner, G. L'E. 432V8
Weaver Dr. J. D. 318V8
   Escapement errors (letter) 770V8
   Major errors in timekeeping of pendulum clocks 302V8
Wheel engine 524V8
Weil, Hanna : Collectors' breakfast 418V8
West Dean College 731V8
West Tofts, A visit to, by D. F. Nettell 614V8
Wharton, G. D. M.: Bewcastle Cross (letter) 777V8
Wheatstone, Charles 279, 316V8
Wood, Christopher 317V8
   Clockmaker's trade labels (letter) 317V8
   The astronomical clocks at The Observatory, Calton Hall, Edinburgh 55V8

X
   X-ray, Historical problem solved with, by Dr. T. de Roo and P. Vel 521V8

Y
   Year clock by 407V8
      Clay, Charles 407V8
      Huber, Andreas 343V8
   Young, D. C.: Thomas Dartford, London (letter) 553V8
Z
   Zaan region, Clock from the, by Dr. T. de Roo & P. Vel 724V8
   Zaandam clock 689, 724V8
   Zannsekloks 262V8
   Zamboni's pendulum 285V8
INDEX TO MAKERS

Heavy type indicates an illustration

A
Abbott, George 241
Abbott, James 241
Abeler family 422
Adams, Robert 513
Adamson, John 317, 526
Addams, Francis 512
Agnew, Thomas, & Son 193
Alder, Joseph 79
Allam & Caithness 114
Allame & Clements 380
Allam, William 22, 945
Allan, William 911
Allport, Samuel 649
Ames, Richard 451
Amonier, Nicola 386
Andrews 79
Andrews, Nathaniel James 380
Andrews, Richard 914
Ansonia Clock Co. 309
Antinoni, Giuseppe 395
Antram, Joseph 170, 916
Apps, Robert 174, 192, 399, 446, 453, 527, 635, 803
Arnold 560, 935
Arnold & Dent 291, 422
Arnold & Frodsham 380, 393, 525, 859, 895
Arnold, John 537, 560, 631, 858
Arnold, John, & Son 171, 191, 192, 208, 241, 423, 560, 587, 631, 761, 800, 858, 912
Arthur, Jean 412
Ashley, John 472
Ashley & Simms 636
Ashton 329
Ashton, Thomas 477
Aske, Henry 600
Aspinwall, John 315
Asselin 889, 904
Atmore 833
Atsugua, C. G. 202
Auburndale 920
Avendell, Philip 914
Aveillan & Simmonds 304
Avnoll, Philip 914
Avnoll, William 914
Aylward, John 174
B
Bachan, Henry 123
Ballon, J. Baptiste 7, 396, 397, 759
Bain, Alexander 276, 316, 535
Baird, John 380
Baird, W. & J. 192, 380
Baker, Edward 380
Baker, John 315
Bakker, Carol William 521
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ball, William</td>
<td>544^v8</td>
</tr>
<tr>
<td>Banger, Edward</td>
<td>429, 551^v8</td>
</tr>
<tr>
<td>Banks, Ralph</td>
<td>631^v8</td>
</tr>
<tr>
<td>Banks, Robert</td>
<td>380^v8</td>
</tr>
<tr>
<td>Barber, Jonas</td>
<td>319, 322^v8</td>
</tr>
<tr>
<td>Barber family of Winster</td>
<td>93^v8</td>
</tr>
<tr>
<td>Barclay, James</td>
<td>527^v8</td>
</tr>
<tr>
<td>Barker</td>
<td>331^v8</td>
</tr>
<tr>
<td>Barnish, William</td>
<td>79^v8</td>
</tr>
<tr>
<td>Barrouneau, Louis</td>
<td>422^v8</td>
</tr>
<tr>
<td>Barraud</td>
<td>171, 192, 308, 530, 649, 766, 780, 800, 803, 889^v8</td>
</tr>
<tr>
<td>Barraud &amp; Lunds</td>
<td>527, 528, 895^v8</td>
</tr>
<tr>
<td>Barraud, John</td>
<td>380^v8</td>
</tr>
<tr>
<td>Barraud, Paul</td>
<td>380^v8</td>
</tr>
<tr>
<td>Barraud, P. P.</td>
<td>308^v8</td>
</tr>
<tr>
<td>Barwise</td>
<td>195, 427, 527, 540, 562, 731^v8</td>
</tr>
<tr>
<td>Barwise, J.</td>
<td>527^v8</td>
</tr>
<tr>
<td>Bates Illinois Springfield Watch Co.</td>
<td>421^v8</td>
</tr>
<tr>
<td>Bates, T. P., &amp; Co.</td>
<td>295^v8</td>
</tr>
<tr>
<td>Baullier et Guyedet</td>
<td>414^v8</td>
</tr>
<tr>
<td>Baxter, Manister</td>
<td>527^v8</td>
</tr>
<tr>
<td>Bayley, Barnard</td>
<td>380^v8</td>
</tr>
<tr>
<td>Bayley, Charles</td>
<td>945^v8</td>
</tr>
<tr>
<td>Bayly, Richard</td>
<td>917^v8</td>
</tr>
<tr>
<td>Bear, Robert</td>
<td>759^v8</td>
</tr>
<tr>
<td>Beaumont</td>
<td>7^v8</td>
</tr>
<tr>
<td>Beaulieu</td>
<td>745^v8</td>
</tr>
<tr>
<td>Beck, Christopher</td>
<td>380^v8</td>
</tr>
<tr>
<td>Bedford, Hilkieah</td>
<td>81^v8</td>
</tr>
<tr>
<td>Bedwell, J. R.</td>
<td>293^v8</td>
</tr>
<tr>
<td>Beldon</td>
<td>380^v8</td>
</tr>
<tr>
<td>Bell, Henry</td>
<td>889^v8</td>
</tr>
<tr>
<td>Belling, John</td>
<td>174, 910^v8</td>
</tr>
<tr>
<td>Benedict &amp; Burnham</td>
<td>902^v8</td>
</tr>
<tr>
<td>Bennett</td>
<td>179^v8</td>
</tr>
<tr>
<td>Benson</td>
<td>528, 540^v8</td>
</tr>
<tr>
<td>Benson, J. W.</td>
<td>308^v8</td>
</tr>
<tr>
<td>Bentley, Percival Arthur</td>
<td>63^v8</td>
</tr>
<tr>
<td>Bentley, William</td>
<td>654^v8</td>
</tr>
<tr>
<td>Berckmann, Samuel</td>
<td>530^v8</td>
</tr>
<tr>
<td>Berguez</td>
<td>174^v8</td>
</tr>
<tr>
<td>Berry, John</td>
<td>711^v8</td>
</tr>
<tr>
<td>Berthoud, F.</td>
<td>72, 79^v8</td>
</tr>
<tr>
<td>Berthoud, Ferdinand</td>
<td>385, 399, 530, 766, 856, 898^v8</td>
</tr>
<tr>
<td>Berthoud, Henry</td>
<td>889^v8</td>
</tr>
<tr>
<td>Berthoud, Louis</td>
<td>399, 857^v8</td>
</tr>
<tr>
<td>Berthoud, Pierre Louis</td>
<td>380^v8</td>
</tr>
<tr>
<td>Best, Thomas</td>
<td>761^v8</td>
</tr>
<tr>
<td>Beurling</td>
<td>766^v8</td>
</tr>
<tr>
<td>Biden</td>
<td>380^v8</td>
</tr>
<tr>
<td>Bilbie, Thomas</td>
<td>168^v8</td>
</tr>
<tr>
<td>Binns, George</td>
<td>315^v8</td>
</tr>
<tr>
<td>Bird, Edward</td>
<td>380, 910^v8</td>
</tr>
<tr>
<td>Bird, Michael</td>
<td>293^v8</td>
</tr>
<tr>
<td>Birks</td>
<td>897^v8</td>
</tr>
<tr>
<td>Blackhurst, J.</td>
<td>90^v8</td>
</tr>
<tr>
<td>Blanpain</td>
<td>426^v8</td>
</tr>
</tbody>
</table>
Blowers, Edward 650
Blumberg & Co. Ltd. 21, 133
Blundell, John 531
Bock, J. 201
Bocket, R. 363, 631
Bockett, Richard 848
Bodenheim, Edward 459
Bodle 315
Bolton, John 528
Bolviller 338
Bonnington & Thorp 380
Bordier, Leonard 816
Borel, A. L. 121
Borrell 527, 530
Borrell, Henry 380
Borret, George 227
Bosley, Charles 308, 631
Bouquet, D. 308
Bourdier 397
Bourilon, I. 201
Boutelié 426
Bouvell & Courvoisier 392
Bovet 368
Bowen, Thomas 380
Bower, Peter 913
Bowyer 312
Bowyer, Peter 913
Bowyer, William 747
Boxell 897
Boxer, John 883
Boxer, Michael 883
Boyce, James 760
Boyce, Laurence 910
Bradley 653
Bradley, Longley 416, 571, 760
Bradley, Samuel 220
Braithwaite 896
Bramer, Paulus 84, 762
Brand, John 527
Braun, Jn. Georg 201
Bray, Thomas 380
Brearley, James 380
Breguet 72, 120, 201, 233, 340, 385, 392, 393, 396, 413, 506, 530, 531, 745, 761, 803, 886, 898, 904, 911
Breguet et fils 201, 803, 895
Brice 74
Bridger, Samuel 577
Bright, Jerome 650
Brinkman, George 380
Brockbank & Atkins 361, 416
Brockbank, John 858
Brockbanks 192, 385
Brocot, Louis-Gabriel 626
Brondon, Nicholas 395
Brooke, George 174
Broome, F. 416
Broun, Andrew 416
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Brown, John 79, 380
Brown, Thomas 380
Brown, Samuel 453
Brownbill, H. 293
Browne, James 308
Bruce & Co. 560
Bruce, John, & Son 416
Brunsley, William 293
Brutscher, Melchior 721
Bryson, Robert 59
Buckland, Thomas 380
Budgen 914
Budgen, Thomas 74, 99
Bukowski
Bull, William 123, 631
Bulle 908
Bullock, W. 79
Bumstead, Robert 79
Bunyon, Robert 380
Burges, Henry 889
Burgi, Jobst 716, 720
Burgi, Jost 883
Burgin, Henry 293
Buschmann, Hans 719
Buschmann, John 202
Bush 416
Bushman, John 427, 760
Butall, John 79
Button 544
Byrne, F. 543, 780, 884
C
Cabrier 201, 308, 422, 631
Cabrier, Charles 97, 415
Cade & Robinson 380
Camden, William 84
Cameron, J. R. 295
Campani 73
Campani, Giuseppe 385, 386
Campanus, Petrus Thomas 385
Campiche, H. A. 383
Canada Clock Co. 529
Capt & Co. 693
Carpenter, William 380
Carter, John 318, 431, 889
Carter, Thomas 171, 927
Carter, William 423
Cartwright, Thomas 182, 192
Casters, Johann 904
Catherwood, Joseph 380
Cathro, G. & R. 361
Cattell, William 895
Cavell, Nathaniel 650
Cellini, Giovani Pietro 384
Chadwick 171
Chambel, Alexandre 827
Chamberlaine, Thomas 423, 816
Champion, R. 789
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Charles, George 5278
Charlton, John 3838
Chassereau, Edward 3808
Chater 6328
Chaubaud, F. & A. 3808
Chitty, Caleb 1928
Chresworth 5158
Chroet 8968
Clare, Peter 91, 2068
Clarke, Christopher 8938
Clarke, George 3388
Clarke & Dunster 9458
Clarke & Son 3808
Clay, Charles 4078
Clayton 2018
Cleghorn, Samuel 3808
Clement, John 918
Clement, William 3038
Clarke 798
Clidsdale, Robert 8028
Closon, Peter 81, 4118
Clowes, John 8248
Cockey, Edward 443, 6288
Cole, Benjamin 3008
Cole, J. F. 2908
Cole, Thomas 1128
Collett, John 3808
Colley, Thomas 299, 6048
Colston, Richard 4468
Comber, Richard 308, 4168
Condliff, T. 2988
Constantin 7608
Constantin, Francois 848
Constantin, John 8958
Cook, Thomas 4278
Cook, William 5168
Cooke, T., & Sons 6288
Cooley 1238
Cording, John 5278
Cornell 1078
Coierry 4268
Cosby, Robert 798
Coster, James 6318
Coster, Salomon 24, 27, 81, 8928
Coster, Samuel 2568
Cother, Gulielmus 6458
Cotey, Abel 6818
Couailllet, Frères 94, 4268
Couet 3278
Courvoisier et Comp 3928
Coward & Co. 3808
Cox 6538
Cox, James 5318
Coxall, John Cay 9028
Coxter, Nicholas 8958
Crane, John 312v8
Creed, Robert 416v8
Cribb, J. E. 560v8
Cribb, William 380v8
Croom, W. 296v8
Crosthwaite, John 537v8
Cumming, Alexander 380, 527, 631v8
Cummings, Alexander 816v8
Cuper 761v8
Curtis, J. 681v8
Curzon, Alfred 864v8
Czerminski, Josef 904v8
D
Daniels 895v8
Darford, Thomas 553v8
Davenport, James 380v8
Davis, Samuel 704v8
Dawkes, J. 315v8
Dawkins, Richard 171v8
Day, James 631v8
Deacon, John 781, 912v8
Deacon, Samuel 544, 651, 780, 781, 912v8
de Charmes 4v8
de Charmes, S. 760v8
de Charmes, Simon 79v8
Decool, J. F. 47v8
Delamare, Marc 460v8
Delander 73v8
Delander, Daniel 359, 467, 662, 714, 760v8
Delepine 446v8
Dennie 698v8
Dennett, Richard 380v8
Dent 61, 114, 123, 192, 249, 392, 528, 530, 537, 540, 560, 561, 631, 649, 761, 761v8
Dent, E. J. 123, 861v8
Dent family 561v8
Desbois 192v8
Desbois & Wheeler 108, 835v8
Desbois, Phillipe 380v8
des Granges 308v8
Deshais, Matthew 179v8
de St. Leu, Daniel 308v8
Deykin, Henry 775v8
Dickie, Andrew 192, 315v8
Dilkes, John 544v8
Dilkes, Thomas 544v8
Dimmer, G. 416v8
Dodd & Leslie 380v8
Dodd, Joseph 380v8
Dorrell, Francis 914v8
Dorrell, William 380v8
Douw, Simon 29v8
Draper, William 293v8
Drebbel, Cornelius 84v8
Drielsma 78v8
Drocourt 114v8
Droz, Jacquet 174, 895v8
Droz le Jeune 632
Drury, James 132, 380
Drury, John 760
Du Bois 396
du Chesne 7
du Chesne, Claudius 303, 687
du Chesne, Johannes 762
Duclos 552
Ducoroy 531
Du Hamel, Isaac 911
Dunlop 179
Dunlop, Conyers 895
Dupin 179
Dupuis 201
Durnville, John 907
Dussaquey 632
Dutton & Sons 380
Dutton, Matthew 380
Dutton, Matthew & Thomas 589
Dutton, William 299
Dutton, William, & Sons 762
Dwerrihouse & Carter 380
Dwerrihouse, John 380
Dwerrihouse, Ogston & Bell 75
E
Earnshaw, Thomas 380, 385, 525, 635, 761, 800, 803, 857
East, Edward 79, 192, 415, 661, 711, 758, 817, 842
East, Jeremie 192
Eberhardt 628
Ebsworth, John 393, 760, 889, 945
Edmonds, Eliza 529
Edwards & Edwards 711
Edwards, George 380
Edwards, William 513
Eiffe, J. S. 863
Elisha, Caleb 74, 76
Ellicott 79, 396, 416, 760
Ellicott, Edward 375
Ellicott, John 2, 73, 79, 213, 245, 250, 308, 315, 345, 373, 402, 474, 528, 531, 633, 652, 895
Ellicott, John, & Son 380
Ellicott & Co. 19, 380
Ellicott & Smith 911
Ellicott & Taylor 895
Ellingworth, C. 295
Ellwood, Martin 945
Elphinstone 193
Elrhow, I. 431, 543
Emanuel, Joel 380
Emanuel & Sons 528
Emerton 437
Emery, Josiah 383, 399, 635, 895
Engel, Dirk Tyse 727
Eppinger, Joachim 174
Ernst 765
Etherington, George 809, 816, 851
Evans 224
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Evans, James 380V8
Evans, William 936V8
Evers, Pieter 229, 272V8
Evil, William 380V8
Eychstet, Horman 395V8
Eyston, Edward 202V8
Fromanteel, J. 79
Fromanteel, Johannes 31, 79, 89
Fromanteel & Clarke 11, 235, 893
Frost, John 545
Funnell, Edward 647, 774
G
Ganthony, Richard 380
Gammage, Thomas 392
Gardner, Robert 73, 416, 636
Gardner, Thomas 444
Garland, John 544
Gamier, Paul 232, 898
Garon, Peter 179, 192, 530
Garrat, Hugh 303
Garron, Peter 79
Gates, William 510
Gavelle, J. 446
Gaydon, H. & E. 202
Geddes, Charles 529
Gerdts, Martin 906
Gibbs, William 174
Gilbert, J. 916
Gilbert family 529
Gilkes 93
Gilkes, Richard 527
Gillet & Bland 298
Gillet & Johnson 510
Girard, Michael 201
Girardier 201
Gleder, Johannes Paulus 389
Glover 910
Glover, William 560
Godden 195
 Golay 415
Golay-Leresche et fils 368
Goodall 945
Goode, Charles 7, 123, 531
Goodfellow, William 380
Goodyear & Sons 74
Gordon, Thomas 308, 895
Gorham 649
Götz, Peter 904
Goubert, Jacobus 248
Goudron 86
Goujon, Samuel 510
Gould, Christopher 79, 174, 485, 760, 772, 911, 940
Gout, Ralph 315, 380, 427, 527, 531, 635
Graceby, John 527
Graham George 71, 73, 74, 85, 113, 166, 195, 221, 230, 299, 303, 315, 344, 364, 396, 580, 600-613, 645, 709, 735, 760, 779, 816, 823, 855
Graham, James 380
Graham, William 551, 605, 779
Graham family 600-613
Grant, John 380, 383
Grantham, William 895
Gravel & Tolkein 242
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graseby Instruments</td>
<td>527v8</td>
</tr>
<tr>
<td>Graves</td>
<td>636, 637v8</td>
</tr>
<tr>
<td>Gray, Benjamin</td>
<td>175,308v8</td>
</tr>
<tr>
<td>Gray, Benjamin, &amp; Justin Vulliamy</td>
<td>178, 308, 918v8</td>
</tr>
<tr>
<td>Greave, William</td>
<td>760v8</td>
</tr>
<tr>
<td>Greaves, William</td>
<td>380v8</td>
</tr>
<tr>
<td>Greasley, John</td>
<td>544v8</td>
</tr>
<tr>
<td>Greenhill, John</td>
<td>248, 358v8</td>
</tr>
<tr>
<td>Gregg, Francis</td>
<td>416v8</td>
</tr>
<tr>
<td>Grettton, Charles</td>
<td>79, 308, 416, 889, 945v8</td>
</tr>
<tr>
<td>Gribelin</td>
<td>79v8</td>
</tr>
<tr>
<td>Gribelin, Simon</td>
<td>473v8</td>
</tr>
<tr>
<td>Grignon, Daniel</td>
<td>74v8</td>
</tr>
<tr>
<td>Grignon, Thomas</td>
<td>396, 768v8</td>
</tr>
<tr>
<td>Grimalde &amp; Johnson</td>
<td>89, 309, 417v8</td>
</tr>
<tr>
<td>Grimes</td>
<td>895v8</td>
</tr>
<tr>
<td>Grimes, William</td>
<td>164v8</td>
</tr>
<tr>
<td>Grosser, John Jacob</td>
<td>201v8</td>
</tr>
<tr>
<td>Guillaume, Charles Edward</td>
<td>312v8</td>
</tr>
<tr>
<td>Guiot</td>
<td>766v8</td>
</tr>
<tr>
<td>Guiton</td>
<td>397v8</td>
</tr>
<tr>
<td>Gunter, Richard</td>
<td>380v8</td>
</tr>
<tr>
<td>H</td>
<td></td>
</tr>
<tr>
<td>Haas, B.</td>
<td>396v8</td>
</tr>
<tr>
<td>Habrecht</td>
<td>719v8</td>
</tr>
<tr>
<td>Hackett</td>
<td>544v8</td>
</tr>
<tr>
<td>Hackings, John</td>
<td>85v8</td>
</tr>
<tr>
<td>Hall, Thomas</td>
<td>308v8</td>
</tr>
<tr>
<td>Haley &amp; Milner</td>
<td>380v8</td>
</tr>
<tr>
<td>Halford, R. H., &amp; Sons</td>
<td>89v8</td>
</tr>
<tr>
<td>Haley, Charles</td>
<td>380, 935v8</td>
</tr>
<tr>
<td>Halsted, John</td>
<td>829v8</td>
</tr>
<tr>
<td>Ham, John</td>
<td>525, 783v8</td>
</tr>
<tr>
<td>Hamilton Clock Co.</td>
<td>529v8</td>
</tr>
<tr>
<td>Hampson, W.</td>
<td>234v8</td>
</tr>
<tr>
<td>Hancorne, Thomas</td>
<td>480v8</td>
</tr>
<tr>
<td>Handley &amp; Moore</td>
<td>780v8</td>
</tr>
<tr>
<td>Hanet, Nicholas</td>
<td>31v8</td>
</tr>
<tr>
<td>Hanson, William</td>
<td>895v8</td>
</tr>
<tr>
<td>Harbrecht, Isaac</td>
<td>312v8</td>
</tr>
<tr>
<td>Hardy, Thomas</td>
<td>863v8</td>
</tr>
<tr>
<td>Hare, Alexander</td>
<td>380, 540v8</td>
</tr>
<tr>
<td>Harland, Thomas</td>
<td>317v8</td>
</tr>
<tr>
<td>Harper, Henry</td>
<td>831, 935v8</td>
</tr>
<tr>
<td>Harper, Thomas</td>
<td>380v8</td>
</tr>
<tr>
<td>Harrison, Finney</td>
<td>784v8</td>
</tr>
<tr>
<td>Harrison, John</td>
<td>89, 399, 434, 641, 659, 735, 738, 740, 755, 854, 920v8</td>
</tr>
<tr>
<td>Harrison, Thomas</td>
<td>380v8</td>
</tr>
<tr>
<td>Harwood</td>
<td>424, 761, 905v8</td>
</tr>
<tr>
<td>Harwood, John</td>
<td>544v8</td>
</tr>
<tr>
<td>Haskell</td>
<td>401v8</td>
</tr>
<tr>
<td>Hatfield, David</td>
<td>79v8</td>
</tr>
<tr>
<td>Hatton, James</td>
<td>579, 653v8</td>
</tr>
<tr>
<td>Hatton &amp; Harris</td>
<td>132, 222, 309v8</td>
</tr>
<tr>
<td>Hausburg, F. L.</td>
<td>295v8</td>
</tr>
<tr>
<td>Hawkins, Thomas</td>
<td>380v8</td>
</tr>
<tr>
<td>Haydon, William</td>
<td>630v8</td>
</tr>
<tr>
<td>Name</td>
<td>Page(s)</td>
</tr>
<tr>
<td>---------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Haylor, Charles</td>
<td>380^v8</td>
</tr>
<tr>
<td>Haynes, William</td>
<td>380^v8</td>
</tr>
<tr>
<td>Hazebroucq</td>
<td>89^v8</td>
</tr>
<tr>
<td>Headworth</td>
<td>193^v8</td>
</tr>
<tr>
<td>Heath &amp; Co. Ltd.</td>
<td>89^v8</td>
</tr>
<tr>
<td>Hebert, Anthony</td>
<td>416^v8</td>
</tr>
<tr>
<td>Heckel, Johann</td>
<td>84^v8</td>
</tr>
<tr>
<td>Hedge &amp; Son</td>
<td>380^v8</td>
</tr>
<tr>
<td>Hedge, Nathaniel</td>
<td>380^v8</td>
</tr>
<tr>
<td>Hemming, Anker</td>
<td>198^v8</td>
</tr>
<tr>
<td>Hermelink, Jan</td>
<td>631^v8</td>
</tr>
<tr>
<td>Herring Joseph</td>
<td>215^v8</td>
</tr>
<tr>
<td>Hewitt, Thomas</td>
<td>526^v8</td>
</tr>
<tr>
<td>Heyech, Arsenius</td>
<td>904^v8</td>
</tr>
<tr>
<td>Heyes, George</td>
<td>629^v8</td>
</tr>
<tr>
<td>Higginson, John</td>
<td>380^v8</td>
</tr>
<tr>
<td>Hill, Benjamin</td>
<td>842^v8</td>
</tr>
<tr>
<td>Hill, James</td>
<td>544^v8</td>
</tr>
<tr>
<td>Hill, Thomas</td>
<td>174^v8</td>
</tr>
<tr>
<td>Hinde, Thomas</td>
<td>429^v8</td>
</tr>
<tr>
<td>Hindley, Henry</td>
<td>385, 647, 774, 780, 907, 915^v8</td>
</tr>
<tr>
<td>Hipkins</td>
<td>380^v8</td>
</tr>
<tr>
<td>Hochenedel</td>
<td>352^v8</td>
</tr>
<tr>
<td>Hodges, Nathaniel</td>
<td>631, 811^v8</td>
</tr>
<tr>
<td>Hodgkin, Robert</td>
<td>690^v8</td>
</tr>
<tr>
<td>Holland, Lewis</td>
<td>527^v8</td>
</tr>
<tr>
<td>Holmden</td>
<td>436^v8</td>
</tr>
<tr>
<td>Holmden, John</td>
<td>780^v8</td>
</tr>
<tr>
<td>Holmes, John</td>
<td>71, 686^v8</td>
</tr>
<tr>
<td>Hbrman, George</td>
<td>202^v8</td>
</tr>
<tr>
<td>Houghton, James</td>
<td>380, 392^v8</td>
</tr>
<tr>
<td>Howard, John Jarvis</td>
<td>380^v8</td>
</tr>
<tr>
<td>Howe, James</td>
<td>380^v8</td>
</tr>
<tr>
<td>Howells &amp; Pennington</td>
<td>856^v8</td>
</tr>
<tr>
<td>Howells, Pennington, Pendleton &amp; Coleman</td>
<td>383^v8</td>
</tr>
<tr>
<td>How, Edward</td>
<td>774^v8</td>
</tr>
<tr>
<td>How, Robert</td>
<td>774^v8</td>
</tr>
<tr>
<td>Howes, Edward</td>
<td>646^v8</td>
</tr>
<tr>
<td>Howse, Charles</td>
<td>124^v8</td>
</tr>
<tr>
<td>Hubbard, Daniel</td>
<td>311^v8</td>
</tr>
<tr>
<td>Huber, Andreas</td>
<td>343^v8</td>
</tr>
<tr>
<td>Hubert, D.</td>
<td>74, 895^v8</td>
</tr>
<tr>
<td>Hubert, James</td>
<td>632^v8</td>
</tr>
<tr>
<td>Humphreys, W.</td>
<td>797^v8</td>
</tr>
<tr>
<td>Hunt, John</td>
<td>645, 796^v8</td>
</tr>
<tr>
<td>Huttely</td>
<td>911^v8</td>
</tr>
<tr>
<td>Huygens</td>
<td>272^v8</td>
</tr>
<tr>
<td>Hynam, Robert</td>
<td>380^v8</td>
</tr>
<tr>
<td>I</td>
<td></td>
</tr>
<tr>
<td>Ilbery</td>
<td>315^v8</td>
</tr>
<tr>
<td>Ilbery, William</td>
<td>905^v8</td>
</tr>
<tr>
<td>Imlah, Peter</td>
<td>380^v8</td>
</tr>
<tr>
<td>Ingold, P. F.</td>
<td>641, 766^v8</td>
</tr>
<tr>
<td>Inkpen, John</td>
<td>167^v8</td>
</tr>
<tr>
<td>Ives, Joseph</td>
<td>907^v8</td>
</tr>
</tbody>
</table>

* ^v8 indicates volume 8
<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jackson, Edward</td>
<td>380v8</td>
</tr>
<tr>
<td>Jackson, Owen</td>
<td>416v8</td>
</tr>
<tr>
<td>Jackson, Thomas</td>
<td>444v8</td>
</tr>
<tr>
<td>Jacobs, Judah</td>
<td>380v8</td>
</tr>
<tr>
<td>Jacot, Henri</td>
<td>94, 338v8</td>
</tr>
<tr>
<td>James, Abraham</td>
<td>527v8</td>
</tr>
<tr>
<td>Jamison, George</td>
<td>380v8</td>
</tr>
<tr>
<td>Jans, Paulus</td>
<td>255v8</td>
</tr>
<tr>
<td>Jardin, John</td>
<td>380v8</td>
</tr>
<tr>
<td>Jarrett, Richard</td>
<td>945v8</td>
</tr>
<tr>
<td>Jarvis, William</td>
<td>906v8</td>
</tr>
<tr>
<td>Jcinimod, Joseph</td>
<td>201v8</td>
</tr>
<tr>
<td>Jefferies, Isaac</td>
<td>380v8</td>
</tr>
<tr>
<td>Jekyll, Jhn.</td>
<td>631v8</td>
</tr>
<tr>
<td>Jellicoe &amp; Wheeler</td>
<td>299v8</td>
</tr>
<tr>
<td>Jennens, J. C.</td>
<td>89, 427v8</td>
</tr>
<tr>
<td>Jerome, Chauncey</td>
<td>907v8</td>
</tr>
<tr>
<td>Johannsen, A.</td>
<td>760v8</td>
</tr>
<tr>
<td>Johnson</td>
<td>295v8</td>
</tr>
<tr>
<td>Johnson, Thomas</td>
<td>906v8</td>
</tr>
<tr>
<td>Johnson, Walker &amp; Tolhurst</td>
<td>943v8</td>
</tr>
<tr>
<td>Johnson, William</td>
<td>390, 350, 511v8</td>
</tr>
<tr>
<td>Johnsson, J. A.</td>
<td>194v8</td>
</tr>
<tr>
<td>Jones</td>
<td>889v8</td>
</tr>
<tr>
<td>Jones, Henry</td>
<td>79, 228, 352, 385, 594, 700, 839v8</td>
</tr>
<tr>
<td>Jones, William</td>
<td>380v8</td>
</tr>
<tr>
<td>Jordan, John</td>
<td>945v8</td>
</tr>
<tr>
<td>Joseph</td>
<td>171v8</td>
</tr>
<tr>
<td>Josephson</td>
<td>315v8</td>
</tr>
<tr>
<td>Jourdain, W.</td>
<td>174v8</td>
</tr>
<tr>
<td>Joyce</td>
<td>615v8</td>
</tr>
<tr>
<td>Joyce, S. &amp; C.</td>
<td>380v8</td>
</tr>
<tr>
<td>Jullion, Francis</td>
<td>380v8</td>
</tr>
<tr>
<td>Jurgensen</td>
<td>531v8</td>
</tr>
<tr>
<td>Jurgensen, Jürgen</td>
<td>618v8</td>
</tr>
<tr>
<td>Jurgensen, Louis</td>
<td>617v8</td>
</tr>
<tr>
<td>Jurgensen, Urban</td>
<td>617, 631, 644v8</td>
</tr>
<tr>
<td>Just, Leonard</td>
<td>315v8</td>
</tr>
<tr>
<td>K</td>
<td></td>
</tr>
<tr>
<td>Kaul, Alexander, &amp; Co.</td>
<td>923v8</td>
</tr>
<tr>
<td>Keates, William</td>
<td>381v8</td>
</tr>
<tr>
<td>Keeley, Thomas</td>
<td>381v8</td>
</tr>
<tr>
<td>Kefford, Thomas</td>
<td>171v8</td>
</tr>
<tr>
<td>Kendall</td>
<td>400v8</td>
</tr>
<tr>
<td>Kendall, Larcum</td>
<td>743, 854v8</td>
</tr>
<tr>
<td>Kendall &amp; Dent</td>
<td>207v8</td>
</tr>
<tr>
<td>Kewlett, James</td>
<td>192v8</td>
</tr>
<tr>
<td>Keyes, David</td>
<td>454v8</td>
</tr>
<tr>
<td>Khan</td>
<td>759v8</td>
</tr>
<tr>
<td>Khornman, John</td>
<td>201v8</td>
</tr>
<tr>
<td>Kibble, G. F.</td>
<td>295v8</td>
</tr>
<tr>
<td>Kilgour, Thomas</td>
<td>132v8</td>
</tr>
<tr>
<td>King, James Frederick</td>
<td>381v8</td>
</tr>
<tr>
<td>King, W.</td>
<td>527v8</td>
</tr>
<tr>
<td>Kintzinger &amp; Roentgen</td>
<td>174v8</td>
</tr>
<tr>
<td>Kipling, William &amp; John</td>
<td>308, 631v8</td>
</tr>
<tr>
<td>Klein, Christian</td>
<td>201v8</td>
</tr>
<tr>
<td>Name</td>
<td>Pages</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>Klock, Pieter</td>
<td>923&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>475, 570, 572, 635, 895, 923, 944&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>73, 74, 79, 85, 86, 115, 164, 192, 243, 293, 303, 308, 370, 417, 462, 574, 591, 631, 668, 688, 760, 842, 844, 910, 935&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knibb, Peter</td>
<td>409&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knibb, Samuel</td>
<td>79, 391&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knip, Gerrit</td>
<td>273&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knox, John</td>
<td>296&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Kratz, Nicholas</td>
<td>81&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Kreidel</td>
<td>528&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Kroese, J. P.</td>
<td>765&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Kullberg, Victor</td>
<td>290, 761, 863&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>L</td>
<td></td>
</tr>
<tr>
<td>Lambert, John</td>
<td>381&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lambert, Nicholas</td>
<td>315&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lamprint</td>
<td>415&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lammy</td>
<td>81&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lancashire Watch Co.</td>
<td>637&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lancaster, Francis</td>
<td>381&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Larpent, A. H.</td>
<td>776&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Larpent &amp; Jurgenson</td>
<td>618, 776&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Larpent, Isaac</td>
<td>617&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Latimer, I. M.</td>
<td>315&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Laurence, Richard</td>
<td>206&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lautier, B.</td>
<td>895&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lawrence</td>
<td>516&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lawson, James</td>
<td>527&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lawson, W.</td>
<td>293&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leah</td>
<td>427&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lecomber, William</td>
<td>701&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Coq &amp; Hayes</td>
<td>381&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Coq &amp; Son</td>
<td>381&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Coulbre</td>
<td>943&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lederk</td>
<td>417&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lefebure</td>
<td>80&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Maire</td>
<td>24, 81&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lepauta</td>
<td>385, 628&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lepine</td>
<td>201, 434&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leplastrier</td>
<td>456&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leroux</td>
<td>74&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leroux, J.</td>
<td>528&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leroux, John</td>
<td>381&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leroy (and Le Roy)</td>
<td>61, 72, 392, 401, 625, 816&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Roy, Julien</td>
<td>383, 428, 530&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Roy, Pierre</td>
<td>44, 399&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leroy, Pierre</td>
<td>856&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leschot, George Auguste</td>
<td>84, 422&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leslie &amp; Price</td>
<td>381&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lestourgeon, David</td>
<td>775&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leumas, J. &amp; L.</td>
<td>201&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Verroux, Louis</td>
<td>28&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lieutaud, B.</td>
<td>766&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lilley, John, &amp; Son</td>
<td>308&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lindley, James</td>
<td>381&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lisle, Benjamin</td>
<td>259&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lister, Thomas</td>
<td>84, 514, 653&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
<tr>
<td>Litherland</td>
<td>530, 816&lt;sup&gt;V8&lt;/sup&gt;</td>
</tr>
</tbody>
</table>
Litherland Davies 530
Litherland, Whiteside & Co. 760
Lock & Son 381
Loomes, Thomas 711, 892
Lomier, John 731
Loseby, E. T. 863
Loughton 544
Lowndes 416
Lowndes, Isaac 911
Lowndes, Jonathan 245
Lowney 526
Lucard 414
Luce, David 631
Lumley, George 895
Lund & Blockley 74
Lyon, Charles A. 783
Macaire 529
Makepiece, Robert 381
Mallett, Peter 79
Man, Daniel 348
Manain, S. H. 631
Mangin, Thomas 381
Mappin & Webb 89
Marc, Henri 454
Margaine, A. 247
Margetts, George 579, 628, 654, 759, 760, 803
Markham 889
Markham, Markwick 192, 195, 201, 527, 530, 540, 631, 760
Markwick 308, 910
Marriott, John 79
Marshall, John 179
Mart 593
Martin, Benjamin 897
Martin, Jeremiah 74
Martineau, Joseph 308
Martinot 35
Martinot, Gilles 192
Martyn, John 192
Mason 531
Mason, James 544
Mason, John 381
Massey, Edward 783
Massey, Henry 529
Massy, Henry 174, 179, 631
Massy, Jacob 684
Matthews 516
Maurhoff, Georg Friedrich 820
Maurice, E., & Co. 94, 426
Mayer 392
Maynard, Christopher 896
Mayr, Jacob 201
Mayr, Johann Georg 720
McCabe, James 125, 458, 527, 530, 560, 760, 761, 805, 826, 834
McCartney, John H. 296, 317
McGregor 560
McGregor & Co. 701
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Measurer, J. 544V8
Meigh, Moses 406V8
Merrill, Charles 381V8
Metcalf, George Marmaduke 381V8
Metcalfé 376V8
Metecalfe, M. 315V8
Mettler, A. 84V8
Metzger, Jeremias 422V8
Meyronne 897V8
Mezzanotte, Dominico 386V8
Michoulet 705V8
Miles 546V8
Miles, Thomas 381V8
Mill, John 631V8
Miller 201V8
Miller, Christoff 696V8
Miller, J. 889V8
Millog 201V8
Mill, Humphrey 527V8
Mills, John 544V8
Milne, Robert 93V8
Mitchell & Russell 381V8
Mitchell, William 381, 760V8
Molynneaux, Robert 315, 416, 560, 863V8
Monk, William 485, 910V8
Monkland 934V8
Montlow, Henry 107V8
Moore, Benjamin 544V8
Moore, John, & Sons 519, 780V8
Moore, William 381V8
Morice, D. & W. 527V8
Morisset & Lukins 381V8
Morley, Richard 867V8
Morrison, Theodore 802V8
Morton, Alexander 89, 296V8
Moss, Thomas 786V8
Motel, Henri 399, 507, 783V8
Motley, John 674V8
Mountford, Zacharia 215V8
Mourons et comp. 395V8
Mudge 73, 399, 402, 639V8
Mudge & Dutton 195, 206, 231, 299, 527, 731V8
Mudge, Thomas 174, 299, 383, 417, 855, 856, 898V8
Murray & Strachan 112V8
Murray, Andrew 774V8
Murray, David 248V8
Murray, James 446, 684, 800V8
Murray, John 774V8
Murray, Robert 774V8
Murray, Robert, & Sons 761V8
Mynuel 201V8

N
Nairn & Blunt 391V8
Nardin, Ulysse 393, 895V8
Nash, William 911V8
Neale, John 381V8
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neilson, Nicole</td>
<td>761</td>
</tr>
<tr>
<td>Newsome &amp; Co.</td>
<td>693</td>
</tr>
<tr>
<td>Newton &amp; Son</td>
<td>530</td>
</tr>
<tr>
<td>Newton, John</td>
<td>381</td>
</tr>
<tr>
<td>Nichol, J.</td>
<td>416</td>
</tr>
<tr>
<td>Nicholas, Charles</td>
<td>416</td>
</tr>
<tr>
<td>Nicholls, John</td>
<td>381</td>
</tr>
<tr>
<td>Nicole, Freres</td>
<td>340</td>
</tr>
<tr>
<td>Nicoll &amp; Son</td>
<td>381</td>
</tr>
<tr>
<td>Nicoll, James</td>
<td>79</td>
</tr>
<tr>
<td>Noblatt, Edward</td>
<td>192</td>
</tr>
<tr>
<td>Noplov, E.</td>
<td>431</td>
</tr>
<tr>
<td>Norman, John</td>
<td>731</td>
</tr>
<tr>
<td>Norman, Ralph</td>
<td>910</td>
</tr>
<tr>
<td>Norris, Joseph</td>
<td>81, 237, 530</td>
</tr>
<tr>
<td>Norton</td>
<td>416, 760</td>
</tr>
<tr>
<td>Norton, Eardley</td>
<td>79, 107, 192, 396, 527, 530, 531, 694</td>
</tr>
<tr>
<td>Norweb, Thomas</td>
<td>911</td>
</tr>
<tr>
<td>Nowe, Fraunçoys</td>
<td>720</td>
</tr>
<tr>
<td>Nuttin</td>
<td>544</td>
</tr>
<tr>
<td>Oakley, William</td>
<td>381</td>
</tr>
<tr>
<td>Oberkircher, Joachim</td>
<td>722</td>
</tr>
<tr>
<td>Ogden, John</td>
<td>227</td>
</tr>
<tr>
<td>Oldfield, John</td>
<td>650</td>
</tr>
<tr>
<td>Oliver, John</td>
<td>274</td>
</tr>
<tr>
<td>Oosterwijck, Jacobus</td>
<td>86, 261</td>
</tr>
<tr>
<td>Oosterwijck, Severijn</td>
<td>24, 37</td>
</tr>
<tr>
<td>Ore, Thomas</td>
<td>381</td>
</tr>
<tr>
<td>O'Reilly, G.</td>
<td>531</td>
</tr>
<tr>
<td>Orton</td>
<td>780</td>
</tr>
<tr>
<td>Osborne</td>
<td>220</td>
</tr>
<tr>
<td>Page, Thomas</td>
<td>7</td>
</tr>
<tr>
<td>Palmer, Richard</td>
<td>510</td>
</tr>
<tr>
<td>Panier</td>
<td>24</td>
</tr>
<tr>
<td>Panier, Jean</td>
<td>312</td>
</tr>
<tr>
<td>Pantan</td>
<td>193</td>
</tr>
<tr>
<td>Parent, L.</td>
<td>705</td>
</tr>
<tr>
<td>Parkinson &amp; Frosham</td>
<td>7, 171, 315, 526, 527, 530, 560, 760, 761, 800</td>
</tr>
<tr>
<td>Pascal, Claude</td>
<td>24, 36, 86, 260, 530</td>
</tr>
<tr>
<td>Patterson, James</td>
<td>731</td>
</tr>
<tr>
<td>Pauli, W.</td>
<td>766</td>
</tr>
<tr>
<td>Paynard, James</td>
<td>192</td>
</tr>
<tr>
<td>Payne &amp; Co.</td>
<td>132, 528</td>
</tr>
<tr>
<td>Payne, Laurence</td>
<td>910</td>
</tr>
<tr>
<td>Payne, W.</td>
<td>780</td>
</tr>
<tr>
<td>Peachey, John</td>
<td>381</td>
</tr>
<tr>
<td>Peacock, Samuel</td>
<td>544</td>
</tr>
<tr>
<td>Pearce, William</td>
<td>171</td>
</tr>
<tr>
<td>Pearcey, S.</td>
<td>192</td>
</tr>
<tr>
<td>Pearson</td>
<td>166</td>
</tr>
<tr>
<td>Pearson, Page Co.</td>
<td>433, 548</td>
</tr>
<tr>
<td>Pearson, Richard</td>
<td>624</td>
</tr>
<tr>
<td>Pennington</td>
<td>308, 392, 560</td>
</tr>
<tr>
<td>Pennoke, John</td>
<td>81</td>
</tr>
<tr>
<td>Penton, Charles</td>
<td>457</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penton, Isaac</td>
<td>92, 192</td>
</tr>
<tr>
<td>Pepys, John</td>
<td>631</td>
</tr>
<tr>
<td>Pequegnot, Arthur</td>
<td>529</td>
</tr>
<tr>
<td>Perigal</td>
<td>530</td>
</tr>
<tr>
<td>Perigal &amp; Duterrau</td>
<td>381</td>
</tr>
<tr>
<td>Perigal &amp; Son</td>
<td>381</td>
</tr>
<tr>
<td>Perigal, Francis</td>
<td>192, 315, 381, 385, 466</td>
</tr>
<tr>
<td>Perigal, John</td>
<td>171</td>
</tr>
<tr>
<td>Perry, Henry</td>
<td>308</td>
</tr>
<tr>
<td>Pfaff</td>
<td>393, 395</td>
</tr>
<tr>
<td>Pfaff, Jeremias</td>
<td>531</td>
</tr>
<tr>
<td>Phillip, J. &amp; N., &amp; Co.</td>
<td>207</td>
</tr>
<tr>
<td>Phillips Bros.</td>
<td>923</td>
</tr>
<tr>
<td>Phillipson, Henry</td>
<td>93</td>
</tr>
<tr>
<td>Pickett, William, &amp; Co.</td>
<td>645</td>
</tr>
<tr>
<td>Pieret</td>
<td>104</td>
</tr>
<tr>
<td>Pinchback, C.</td>
<td>895</td>
</tr>
<tr>
<td>Piquet, Audemar</td>
<td>711</td>
</tr>
<tr>
<td>Pistor, Edward</td>
<td>681</td>
</tr>
<tr>
<td>Pitcher, E., &amp; Co.</td>
<td>426</td>
</tr>
<tr>
<td>Pitou, M.</td>
<td>898</td>
</tr>
<tr>
<td>Pitt, Caleb</td>
<td>220</td>
</tr>
<tr>
<td>Player, J., &amp; Sons</td>
<td>916</td>
</tr>
<tr>
<td>Poole, John</td>
<td>192</td>
</tr>
<tr>
<td>Porritt, F. S.</td>
<td>527, 657</td>
</tr>
<tr>
<td>Porter, J.</td>
<td>315</td>
</tr>
<tr>
<td>Potts</td>
<td>647</td>
</tr>
<tr>
<td>Potter, Henry</td>
<td>192</td>
</tr>
<tr>
<td>Pouzait, Jean Moïse</td>
<td>414</td>
</tr>
<tr>
<td>Pratt &amp; Son</td>
<td>381</td>
</tr>
<tr>
<td>Prentiss &amp; Son</td>
<td>381</td>
</tr>
<tr>
<td>Prentiss, Daniel</td>
<td>381</td>
</tr>
<tr>
<td>Prest, Thomas</td>
<td>423</td>
</tr>
<tr>
<td>Prestwood</td>
<td>179</td>
</tr>
<tr>
<td>Prevost</td>
<td>392</td>
</tr>
<tr>
<td>Prevost, William</td>
<td>223</td>
</tr>
<tr>
<td>Price, John</td>
<td>544</td>
</tr>
<tr>
<td>Price, Thomas</td>
<td>544</td>
</tr>
<tr>
<td>Price, William</td>
<td>381</td>
</tr>
<tr>
<td>Prideaux</td>
<td>496</td>
</tr>
<tr>
<td>Prior, Edward</td>
<td>74, 192, 308, 381, 531</td>
</tr>
<tr>
<td>Prior, George</td>
<td>74, 381, 416, 527, 530, 930</td>
</tr>
<tr>
<td>Pritchard, J.</td>
<td>527</td>
</tr>
<tr>
<td>Promoli &amp; Hausburg</td>
<td>295</td>
</tr>
<tr>
<td>Puller, Jonathan</td>
<td>383</td>
</tr>
<tr>
<td>Purvis, Alexander</td>
<td>323</td>
</tr>
<tr>
<td>Pybus, William</td>
<td>381</td>
</tr>
<tr>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>Quare &amp; Horseman</td>
<td>111, 416, 760, 825</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>6, 179, 248, 308, 315, 385, 391, 408, 416, 417, 631, 674, 760, 895, 897, 948</td>
</tr>
<tr>
<td>R</td>
<td></td>
</tr>
<tr>
<td>Radford</td>
<td>544</td>
</tr>
<tr>
<td>Radford, James</td>
<td>381</td>
</tr>
<tr>
<td>Rae, Charles</td>
<td>381</td>
</tr>
<tr>
<td>Raingo</td>
<td>628</td>
</tr>
<tr>
<td>Rainsford, John or Francis</td>
<td>179</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Rawley, John 628v8
Ray, Daniel 422, 526v8
Rayment, John 220v8
Rayment, Junior 780v8
Rayment, Richard 416, 457v8
Reckumab 527v8
Recordon 308, 392, 530v8
Recordon & Dupont 381v8
Recordon, Louis 381v8
Recordon, Spencer & Perkins 192v8
Redier, Antoine 341v8
Reeves, Benjamin 916v8
Reid, Thomas 236, 315v8
Reijnnaert, Christiaan 765v8
Reith, James 480v8
Riach, Hugh 381v8
Rice, Thomas 381v8
Richard & Parsons 895v8
Richard, Daniel Jean 905v8
Richards, Thomas 381v8
Richison, J. 174v8
Riefler 61v8
Rigby, Joshua 381v8
Rimbault, Paul 315v8
Rimbault, Stephen 760, 766, 812v8
Rivers 114v8
Roberdeaux 179v8
Robert 309v8
Roberts, Richard 73v8
Robin 711v8
Robins, John 381v8
Robinson 179v8
Robinson, James 315v8
Robinson, Owen 381v8
Robson, William 649, 780v8
Rochat, Jean Marc David 381v8
Rock, Alfred 296v8
Roe, James 914v8
Roe, Richard 910v8
Roeig, Friedrich Wilhelm 201v8
Rogers, Isaac 381v8
Rooke, John 381v8
Roskell, Robert 381, 527, 530, 933v8
Roskell, Robert, & Son 79, 543v8
Roskopf, G. F. 641v8
Ross, David 444, 672v8
Rousseau 312v8
Rosseborer, Matthias 765v8
Rou, Pierre 202v8
Rournoy 202v8
Rout, William 206v8
Routleigh, George 541, 654v8
Rouy, Charles 365v8
Rudd, R. J. 144v8
Ruempol 86, 265v8
Ruempol, Goslink 521, 532v8
Cumulative Index for Antiquarian Horology Volumes 1 to 9Compiled by Edward Powell @ AHS 2006

Ruempol, Hendrik 521\textsuperscript{V8}
Runcorn, Richard & Robert 911\textsuperscript{V8}
Russell 437\textsuperscript{V8}
Russell, Charles 381\textsuperscript{V8}
Russell family of Wooton 91\textsuperscript{V8}
Russell, John 381\textsuperscript{V8}
Russell, Joseph 884\textsuperscript{V8}
Russell, Thomas 885\textsuperscript{V8}
Russell, William 885\textsuperscript{V8}
Ruth, Carl 381\textsuperscript{V8}
Ruyland, William 779\textsuperscript{V8}

S
Sadler, Stephen 381\textsuperscript{V8}
Salmon, Edward 381\textsuperscript{V8}
Sampson, Robert 316, 433\textsuperscript{V8}
Samson 192, 911\textsuperscript{V8}
Samuel 24\textsuperscript{V8}
Sanderson, Henry 381\textsuperscript{V8}
Santucci, Antonio 391\textsuperscript{V8}
Santon 895\textsuperscript{V8}
Santucci, Marcho 308\textsuperscript{V8}
Sarde, A. 200\textsuperscript{V8}
Sargent 74\textsuperscript{V8}
Sarton, Hubert 1, 42-54, 533\textsuperscript{V8}
Saulnier, Pierre 390\textsuperscript{V8}
Sayller, Johann 904\textsuperscript{V8}
Schild, A. 174\textsuperscript{V8}
Schissler, Christophorus 391\textsuperscript{V8}
Schissler, Hans 391\textsuperscript{V8}
Schlattard, Jacob 201\textsuperscript{V8}
Schlotheim, Hans 174\textsuperscript{V8}
Schmutzer, Joh. George 211\textsuperscript{V8}
Schneganz, Christian 202\textsuperscript{V8}
Schofield, Thomas 907\textsuperscript{V8}
Schröter 415\textsuperscript{V8}
Scorpion 526\textsuperscript{V8}
Scott & Idle 381\textsuperscript{V8}
Scott, Herbert 491\textsuperscript{V8}
Scott, James Amos 381\textsuperscript{V8}
Scrymeour, James 861\textsuperscript{V8}
Sedley, John 74\textsuperscript{V8}
Selby, Peter 381\textsuperscript{V8}
Sellers, William 824\textsuperscript{V8}
Sewell, George 171\textsuperscript{V8}
Seymour, John 767\textsuperscript{V8}
Sharpe, Thomas 79\textsuperscript{V8}
Shaw, John 808\textsuperscript{V8}
Sheaf, Thomas 381\textsuperscript{V8}
Shepherd, Charles 635\textsuperscript{V8}
Shepherd, William 863\textsuperscript{V8}
Shelton, John 71\textsuperscript{V8}
Shields, Michael 292\textsuperscript{V8}
Shepley 192\textsuperscript{V8}
Shirley 381\textsuperscript{V8}
Shuckforth, Benjamin 527\textsuperscript{V8}
Shuttleworth, Francis 381\textsuperscript{V8}
Shusbery, William 510\textsuperscript{V8}
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sidney</td>
<td>201</td>
</tr>
<tr>
<td>Simmons, Alexander</td>
<td>107</td>
</tr>
<tr>
<td>Simms, George</td>
<td>339</td>
</tr>
<tr>
<td>Simpson, Archibald</td>
<td>381</td>
</tr>
<tr>
<td>Sims, Henry</td>
<td>381</td>
</tr>
<tr>
<td>Skinner, John</td>
<td>381</td>
</tr>
<tr>
<td>Smith</td>
<td>429, 651</td>
</tr>
<tr>
<td>Smith &amp; Sons</td>
<td>5, 750, 907</td>
</tr>
<tr>
<td>Smith, F., &amp; Son</td>
<td>527</td>
</tr>
<tr>
<td>Smith, Gabriel</td>
<td>431</td>
</tr>
<tr>
<td>Smith, John</td>
<td>431</td>
</tr>
<tr>
<td>Smith, Joseph</td>
<td>431, 897</td>
</tr>
<tr>
<td>Smith, Miguel</td>
<td>902</td>
</tr>
<tr>
<td>Smith, R.</td>
<td>416</td>
</tr>
<tr>
<td>Snow, William</td>
<td>652</td>
</tr>
<tr>
<td>Solo, Henry</td>
<td>529</td>
</tr>
<tr>
<td>Somersall, Mandeville</td>
<td>915</td>
</tr>
<tr>
<td>Speakman, Thomas</td>
<td>914</td>
</tr>
<tr>
<td>Speakman, William</td>
<td>441, 631, 789</td>
</tr>
<tr>
<td>Spear</td>
<td>645</td>
</tr>
<tr>
<td>Spencer &amp; Perkins</td>
<td>195, 309, 381, 530</td>
</tr>
<tr>
<td>Spencer, William</td>
<td>201, 381</td>
</tr>
<tr>
<td>Stamper, Francis</td>
<td>192</td>
</tr>
<tr>
<td>Stanton, Edward</td>
<td>416, 526, 645</td>
</tr>
<tr>
<td>Staplin</td>
<td>905</td>
</tr>
<tr>
<td>Starling, Charles</td>
<td>381</td>
</tr>
<tr>
<td>Steele, William</td>
<td>568, 761</td>
</tr>
<tr>
<td>Steevens, Samuel</td>
<td>824</td>
</tr>
<tr>
<td>Steinheil, Carl August</td>
<td>276</td>
</tr>
<tr>
<td>Stephenson, George</td>
<td>381</td>
</tr>
<tr>
<td>Stirling, John</td>
<td>381</td>
</tr>
<tr>
<td>Stone, George</td>
<td>381</td>
</tr>
<tr>
<td>Storey, William</td>
<td>174</td>
</tr>
<tr>
<td>Strange, Charles</td>
<td>519</td>
</tr>
<tr>
<td>Strange, Thomas</td>
<td>516</td>
</tr>
<tr>
<td>Strange, Thomas Fairbrother</td>
<td>518</td>
</tr>
<tr>
<td>Strasser &amp; Rohde</td>
<td>8</td>
</tr>
<tr>
<td>Stratford</td>
<td>567</td>
</tr>
<tr>
<td>Stringer, Thomas</td>
<td>7</td>
</tr>
<tr>
<td>Sully, Henry</td>
<td>430</td>
</tr>
<tr>
<td>Sutton, C.</td>
<td>923</td>
</tr>
<tr>
<td>Sutton, Henry</td>
<td>391</td>
</tr>
<tr>
<td>Swaek, Antoni ter</td>
<td>522</td>
</tr>
<tr>
<td>Swaine</td>
<td>897</td>
</tr>
<tr>
<td>Swynnerton, Thomas</td>
<td>783</td>
</tr>
<tr>
<td>Syre, A.</td>
<td>129</td>
</tr>
<tr>
<td>T</td>
<td></td>
</tr>
<tr>
<td>Tarts</td>
<td>192, 315, 527, 530, 760</td>
</tr>
<tr>
<td>Tarts, J.</td>
<td>760</td>
</tr>
<tr>
<td>Tate, Ruth</td>
<td>381</td>
</tr>
<tr>
<td>Tavan, Antoine</td>
<td>532</td>
</tr>
<tr>
<td>Taylor, Benjamin</td>
<td>192</td>
</tr>
<tr>
<td>Taylor, Jasper</td>
<td>631, 711</td>
</tr>
<tr>
<td>Taylor, John</td>
<td>586, 895, 911</td>
</tr>
<tr>
<td>Taylor, Johannes</td>
<td>895</td>
</tr>
<tr>
<td>Taylor, Jon</td>
<td>895</td>
</tr>
<tr>
<td>Taylor, T. B.</td>
<td>427</td>
</tr>
<tr>
<td>Name</td>
<td>Pages</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>Tempex 908v</td>
<td></td>
</tr>
<tr>
<td>Tenant, Leonard 511v</td>
<td></td>
</tr>
<tr>
<td>Terry Clock Co. 634v</td>
<td></td>
</tr>
<tr>
<td>Terry, Eli 419, 637, 907v</td>
<td></td>
</tr>
<tr>
<td>Terry Samuel 907v</td>
<td></td>
</tr>
<tr>
<td>Thacker, Jeremy 861v</td>
<td></td>
</tr>
<tr>
<td>Thiout 625, 914v</td>
<td></td>
</tr>
<tr>
<td>Thomas 342v</td>
<td></td>
</tr>
<tr>
<td>Thomas, F. 674v</td>
<td></td>
</tr>
<tr>
<td>Thomas, Seth 421, 529, 637v</td>
<td></td>
</tr>
<tr>
<td>Thommen's Watch Co. 764v</td>
<td></td>
</tr>
<tr>
<td>Thompson, R. 525v</td>
<td></td>
</tr>
<tr>
<td>Thorndike, Samuel 650v</td>
<td></td>
</tr>
<tr>
<td>Thornton 526v</td>
<td></td>
</tr>
<tr>
<td>Thorton, Henry 802v</td>
<td></td>
</tr>
<tr>
<td>Thornton, Yates 531v</td>
<td></td>
</tr>
<tr>
<td>Thorogood, Richard 381v</td>
<td></td>
</tr>
<tr>
<td>Thorp, Samuel 550v</td>
<td></td>
</tr>
<tr>
<td>Threlkeld, D. 192v</td>
<td></td>
</tr>
<tr>
<td>Thistle 653v</td>
<td></td>
</tr>
<tr>
<td>Thuret, Isaac 35, 36, 335v</td>
<td></td>
</tr>
<tr>
<td>Thury, M. A. 84v</td>
<td></td>
</tr>
<tr>
<td>Thwaines &amp; McCulloch 436v</td>
<td></td>
</tr>
<tr>
<td>Thwaines &amp; Reid 200, 376, 895v</td>
<td></td>
</tr>
<tr>
<td>Thwaines, A. &amp; J. 372, 542, 649, 652, 768, 780v</td>
<td></td>
</tr>
<tr>
<td>Thwaines, Aynsworth 308, 798v</td>
<td></td>
</tr>
<tr>
<td>Thwaines, James 798v</td>
<td></td>
</tr>
<tr>
<td>Thwaines, John 79, 373v</td>
<td></td>
</tr>
<tr>
<td>Thwaines, Joseph 381v</td>
<td></td>
</tr>
<tr>
<td>Tibbot, John 319, 546v</td>
<td></td>
</tr>
<tr>
<td>Tiede 446v</td>
<td></td>
</tr>
<tr>
<td>Tobias 446v</td>
<td></td>
</tr>
<tr>
<td>Tobias, Morris 79, 889v</td>
<td></td>
</tr>
<tr>
<td>Tombs, Daniel 315v</td>
<td></td>
</tr>
<tr>
<td>Tomlin, Edward 381v</td>
<td></td>
</tr>
<tr>
<td>Tompion &amp; Banger 429, 464, 631v</td>
<td></td>
</tr>
<tr>
<td>Tompion &amp; Graham 628v</td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas 3, 172, 315, 423, 432, 490, 527, 531, 532, 540, 552, 564, 600, 631, 722, 735, 736, 760, 813, 814, 818, 819, 822, 840, 904, 906, 945, 948v</td>
<td></td>
</tr>
<tr>
<td>Topping, John 383v</td>
<td></td>
</tr>
<tr>
<td>Torckler, Peter 631v</td>
<td></td>
</tr>
<tr>
<td>Torin, Daniel 962v</td>
<td></td>
</tr>
<tr>
<td>Torriano 174v</td>
<td></td>
</tr>
<tr>
<td>Toulmin, Samuel 381v</td>
<td></td>
</tr>
<tr>
<td>Townsend, Samuel 731v</td>
<td></td>
</tr>
<tr>
<td>Travers, Adam 308v</td>
<td></td>
</tr>
<tr>
<td>Travers, William 381v</td>
<td></td>
</tr>
<tr>
<td>Treffler 73v</td>
<td></td>
</tr>
<tr>
<td>Treffler, Caspar 202v</td>
<td></td>
</tr>
<tr>
<td>Tregent 114v</td>
<td></td>
</tr>
<tr>
<td>Tregent, James 79, 381v</td>
<td></td>
</tr>
<tr>
<td>Tribe, John 90, 760v</td>
<td></td>
</tr>
<tr>
<td>Trippett, John 515v</td>
<td></td>
</tr>
<tr>
<td>Turner, Lewis 518v</td>
<td></td>
</tr>
<tr>
<td>Tupling 542v</td>
<td></td>
</tr>
<tr>
<td>Tupman 945v</td>
<td></td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Tutet, Edward 381V8
Twycross & Son 381V8
Twyford, Robert 381V8

U
Ulrich 631, 863V8
Underwood, Robert 381V8
Upjohn, James 692V8
Upjohn, Peter 381V8
Upjohn, Richard 527V8

V
Vacheron & Constantin 84V8
Vacheron, Jean Marc 84V8
Vale, Howlett, Car & Rotherham 381V8
Valentine, John 381V8
van Berghen, Leendt 530V8
van Ceulen, Johannes 70V8
van Leeuwaarden, J. J. 25V8
Varein 526, 670V8
Vaucher 447V8
Vernon, Thomas 80, 253, 941V8
Verrier, Charles 527V8
Viet, Claude 179, 671, 816V8
Vieures, V. 750V8
Vigné, Peter 649V8
Villemsen et Cie 365V8
Viner 75, 108, 114V8
Visbagh, Pieter 256, 631V8
Voisin, Charles 762V8
Volger, Dirck Jacobz 261V8
Vulliamy 114, 192, 426, 455, 631, 711, 896V8
Vulliamy & Grey 910V8
Vulliamy, Benjamin & Justin 381V8
Vulliamy, B. L. 416V8
Vulliamy, Justin 711V8

W
Wakefield 897V8
Walker 453V8
Wall & Son 381V8
Wall, Benjamin 308V8
Wall, John 381V8
Wallen, William 632V8
Waltham 527V8
Ward, H. 293V8
Ward, J. 681V8
Warmink, J. 174V8
Warren 360V8
Warthall (or Warthoe), Thomas 509V8
Wasbrough family of Bristol 208V8
Waterbury Watch Co. 542, 902V8
Waterhouse & Co. 296V8
Watson, Samuel 179, 308, 628, 631, 853, 889V8
Watson-Webb 904V8
Watts, Brounker 527, 910V8
Webb, Edward 381, 416V8
Weber, Philipp 422V8
Webster & Son 415V8
<table>
<thead>
<tr>
<th>Name</th>
<th>Volume Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webster, William</td>
<td>131, 171, 192, 308, 385, 711, 760, 836, 895</td>
</tr>
<tr>
<td>Weeks</td>
<td>381V8</td>
</tr>
<tr>
<td>Weichhert, William</td>
<td>527V8</td>
</tr>
<tr>
<td>Weisse, C. H.</td>
<td>353V8</td>
</tr>
<tr>
<td>Welch, William</td>
<td>516V8</td>
</tr>
<tr>
<td>Weldon, John</td>
<td>761V8</td>
</tr>
<tr>
<td>Westmore</td>
<td>531V8</td>
</tr>
<tr>
<td>Wheeler</td>
<td>79V8</td>
</tr>
<tr>
<td>White, E.</td>
<td>760V8</td>
</tr>
<tr>
<td>White, E., &amp; Co.</td>
<td>758V8</td>
</tr>
<tr>
<td>White, James</td>
<td>84, 137V8</td>
</tr>
<tr>
<td>Whitehurst</td>
<td>74, 86, 308, 907V8</td>
</tr>
<tr>
<td>Whiting, A-S.</td>
<td>529V8</td>
</tr>
<tr>
<td>Whitworth, James</td>
<td>320, 431V8</td>
</tr>
<tr>
<td>Whyatt, John</td>
<td>544V8</td>
</tr>
<tr>
<td>Wickes, John</td>
<td>381V8</td>
</tr>
<tr>
<td>Widenham &amp; Adams</td>
<td>530V8</td>
</tr>
<tr>
<td>Wightwick &amp; Moss</td>
<td>381, 786V8</td>
</tr>
<tr>
<td>Wignall, John</td>
<td>416V8</td>
</tr>
<tr>
<td>Wild, James</td>
<td>381V8</td>
</tr>
<tr>
<td>Wilders</td>
<td>631V8</td>
</tr>
<tr>
<td>Wilders, John</td>
<td>318V8</td>
</tr>
<tr>
<td>Wilkins</td>
<td>79V8</td>
</tr>
<tr>
<td>Willard, Aaron</td>
<td>762V8</td>
</tr>
<tr>
<td>Willeumier</td>
<td>200V8</td>
</tr>
<tr>
<td>Williamson, Joseph</td>
<td>598V8</td>
</tr>
<tr>
<td>Williamson, Robert</td>
<td>248V8</td>
</tr>
<tr>
<td>Willshire, Thomas</td>
<td>308V8</td>
</tr>
<tr>
<td>Wilmshurst</td>
<td>90V8</td>
</tr>
<tr>
<td>Wilson</td>
<td>417V8</td>
</tr>
<tr>
<td>Wilson, Alexander</td>
<td>798, 895V8</td>
</tr>
<tr>
<td>Wilson, George</td>
<td>526V8</td>
</tr>
<tr>
<td>Wilson, John</td>
<td>895V8</td>
</tr>
<tr>
<td>Wilson, Josiah</td>
<td>453V8</td>
</tr>
<tr>
<td>Winch</td>
<td>527V8</td>
</tr>
<tr>
<td>Windmills, J.</td>
<td>940V8</td>
</tr>
<tr>
<td>Windmills, J. &amp; T.</td>
<td>833V8</td>
</tr>
<tr>
<td>Windmills, Joseph</td>
<td>174, 179, 308, 479, 631, 760, 895, 911, 945V8</td>
</tr>
<tr>
<td>Windmills, Thomas</td>
<td>179, 315, 731, 889V8</td>
</tr>
<tr>
<td>Winnerl</td>
<td>527V8</td>
</tr>
<tr>
<td>Wise, John</td>
<td>10, 163, 409, 526, 760, 895V8</td>
</tr>
<tr>
<td>Wise family</td>
<td>409V8</td>
</tr>
<tr>
<td>Wiswall &amp; Co.</td>
<td>381V8</td>
</tr>
<tr>
<td>Wontner</td>
<td>530V8</td>
</tr>
<tr>
<td>Wood</td>
<td>544V8</td>
</tr>
<tr>
<td>Woodcock &amp; Son</td>
<td>192V8</td>
</tr>
<tr>
<td>Woodward, Joseph</td>
<td>381V8</td>
</tr>
<tr>
<td>Worgan, Matthew</td>
<td>416V8</td>
</tr>
<tr>
<td>Worgan, Matthew</td>
<td>416V8</td>
</tr>
<tr>
<td>Wray &amp; Son</td>
<td>77V8</td>
</tr>
<tr>
<td>Wray, Hilton</td>
<td>416V8</td>
</tr>
<tr>
<td>Wright, Samuel</td>
<td>417V8</td>
</tr>
<tr>
<td>Wright, Thomas</td>
<td>299V8</td>
</tr>
<tr>
<td>Wylie, Matthew</td>
<td>171V8</td>
</tr>
<tr>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Yates, E. S.</td>
<td>631V8</td>
</tr>
<tr>
<td>Yeates, George</td>
<td>416V8</td>
</tr>
</tbody>
</table>
Younge, George 381
Younge, Henry 695
Zoll, Benjamin 201
THE ANTIQUARIAN HOROLOGICAL SOCIETY

Officers and Members of the Council and Committees

September 1974

President: THE RT. HON. THE LORD HARRIS
Vice-Presidents: DR. C. F. C. BEESON C. CLUTTON COLONEL H. QUILL
Chairman: C. B. DROVER
Vice-Chairman: DR. F. A. B. WARD
Technical Enquiry Officer: J. H. F. WADSWORTH
Secretary: COMMANDER G. CLARKE
Deputy: Secretary: E. P. WILSON
Advertising Agent: J. ARTHUR COOK

COUNCIL

C. K. AKED (Chairman Publications Committee), C. D. BELCHER, E. F. BUNT (Chairman Library Committee), P. G. DAWSON, R. K. FOULKES, G. HEYWOOD (Northern Section Representative), M. G. HURST, B. HUTCHINSON, R. J. LAW. D. F. NETTELL, T. O. ROBINSON, F. H. SCHROEDER, E. E.G. STREET (Editor, Antiquarian Horology), E. E. J. TRUNDELL.

Hon. Solicitors: Messrs. COWARD CHANCE, Royex House, Aldermanbury Square, London. EC2V 7LD.

PUBLICATIONS COMMITTEE

Chairman and Secretary: C. K. AKED; T. O. ROBINSON, E. E. G. STREET (Editor, Antiquarian Horology), B. HUTCHINSON, MRS. R. SHENTON.

LIBRARY COMMITTEE

Chairman: E. F. BUNT; C. K. AKED, E. J. TYLER.

NORTHERN SECTION

Chairman: J. B. POLDING, Hon. Secretary: N. HARVEY, Hon. Treasurer: R. GRAINGER.

ELECTRICAL HOROLOGY GROUP

Chairman: C. K. AKED, Hon. Secretary: A. MITCHELL, Hon. Treasurer: E. LLOYD THOMAS.

TURRET CLOCK GROUP

Chairman: DR. C. F. C. BEESON, Hon. Secretary: D. F. NETTELL.

New House, High Street, Ticehurst; Wadhurst, Sussex, TN5 7AL
Tel.: 058 07825966
Thanet Printing Works, Church Hill, Ramsgate. Telephone 52323 (STD 0843).
INDEX TO VOLUME NINE
(DECEMBER 1974 TO SEPTEMBER 1976)

Compiled by Tom Robinson

<table>
<thead>
<tr>
<th>General Index (omitting makers)</th>
<th>974</th>
</tr>
</thead>
<tbody>
<tr>
<td>Index of Makers</td>
<td>982</td>
</tr>
<tr>
<td>List of Officers, Council and Committees</td>
<td>985</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PAGINATION OF THE JOURNAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue Number</td>
</tr>
<tr>
<td>ONE</td>
</tr>
<tr>
<td>TWO</td>
</tr>
<tr>
<td>THREE</td>
</tr>
<tr>
<td>FOUR</td>
</tr>
<tr>
<td>FIVE</td>
</tr>
<tr>
<td>SIX</td>
</tr>
<tr>
<td>SEVEN</td>
</tr>
<tr>
<td>EIGHT</td>
</tr>
<tr>
<td>Index</td>
</tr>
</tbody>
</table>
A

Act of Parliament clock by V9

- Lloyd, P. 364V9
- Vulliamy, Justin 601V9

Aked, C. K. V9

- Alexander Bain, the Father of Electrical Horology 51V9
- Anthony Bird (letter) 232V9
- Clock restoration and making (letter) 351V9
- Clock Restoration Group (letter) 577V9
- An Early Electric Turret Clock 428V9
- Solar Time Striking (letter) 471V9
- A Watch Stand (letter) 473V9

Aked, C. K. & Rizzardi, P. Dell’ Orologio applicato all Elettromotore Perpetuo 524V9

Aked, I. R.: Orbis Sensualium Pictus 789V9

Alleston, J.: Midhurst Clockmakers. Edward Stanton (letter) 357V9

Allnutt, A. J.: Barograph by Hicks (letter) 818V9

American Section of the A.H.S. 799V9

Annual General Meeting 336, 788V9

Antique Script (letter) by M. Norgate 235V9

Arnold H. G.: Charles Pedler (letter) 707V9

Arnold’s Second Marriage, John, by V. Mercer 195V9

Astronomical Clock by V9

- Prideaux, Edmund 846V9
- Raingo 744, 849, 922V9


Auchinleck C. J.: Peter Hadj (letter) 579V9

Auction Prices 81, 221, 340, 467V9

Austrian Clock, Baroque 23V9

Automatic Memorandum Clock, The, by R. K. Shenton 337V9

Automation, Missing (letter) by N. J. Cannell 104V9

Avenell Family, The, (letter) by N. Tidmus 102V9

B

Bacon, D. H.: Smith Five Tooth Lever Escapement (letter) 233V9

Bain, Alexander, the Father of Electrical Horology by C. K. Aked 51V9

Ball, R. A.: John Pratt Sawbridgeworth (letter) 817V9

Balmès, P. & Redon, M.: A Description and Study of a Planetarium 682V9

Barker, D. Hindley de Wigan. An Eight-Day Clock 172V9

- The Delivery of a Clock by John Holmes, London to a Yorkshire Country House 1794 906V9
- Thos. Ogden, de Halifax. An 8 day Revolving Ball Moon Long Cased Clock c.1740 545V9
- William Tipling (letter) 470V9

Barograph by Hicks (letter) by A. J. Allnutt 818V9

Barograph by Hicks (letter) by R. W. Baxter 709V9

Barometer by V9

- Cade, Simon 739V9
- Cuff, John 751V9
- Hurt, I. 739V9
- Knie, Balthazar 490, 498V9

Barometer, Quare type 2V9

Bateman, D. A.: Q and Resonance (letter) 816V9

Bateman, J. Y.: David Compigne (letter) 95V9

Bates, I. & Hall, B. S.: Leonardo, the Chiaravalle clock and Epicyclic gearing : A reply to Antonio Simoni 910V9
<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abraham Fromanteel (letter)</td>
<td>576v9</td>
</tr>
<tr>
<td>North East Clockmakers (letter)</td>
<td>579v9</td>
</tr>
<tr>
<td>Scottish Painted Dials (letter)</td>
<td>706v9</td>
</tr>
<tr>
<td>Batty, J. J. : Edmund Appley (letter)</td>
<td>351v9</td>
</tr>
<tr>
<td>Baxter H. : T. Dicker, Silchester (letter)</td>
<td>934v9</td>
</tr>
<tr>
<td>Baxter, R. W. : Barograph by Hicks (letter)</td>
<td>709v9</td>
</tr>
<tr>
<td>Beeson, C. F. C. (obit.)</td>
<td>543v9</td>
</tr>
<tr>
<td>Belcher, C. D. : Camerini Maker of Fine Clocks</td>
<td>69v9</td>
</tr>
<tr>
<td>Bell, J. A.: The A.H.S. West Country Tour 10th - 17th May, 1975</td>
<td>692v9</td>
</tr>
<tr>
<td>Bird, A. : An 18th Century Abbreviation (letter)</td>
<td>96v9</td>
</tr>
<tr>
<td>Bird, Anthony C. (obit.)</td>
<td>68v9</td>
</tr>
<tr>
<td>Bonta, W. K.: A Tour de Force in Constant Force (letter)</td>
<td>100v9</td>
</tr>
</tbody>
</table>

**Book reviews**

<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aked, C. K.: Complete List of English Horological Patents up to 1853</td>
<td>458v9</td>
</tr>
<tr>
<td>A.N.C.A.H.A. (French Society)</td>
<td>344, 679, 895v9</td>
</tr>
<tr>
<td>Bailey, C.: Two Hundred Years of American Clocks and Watches</td>
<td>567v9</td>
</tr>
<tr>
<td>Basanta, J. L. : Bibliografia Relojera Espanola, 1265 - 1972</td>
<td>804v9</td>
</tr>
<tr>
<td>Beckett, Edmund, Lord Grimthorpe: A Rudimentary Treatise on Clocks, Watches and Bells for Public Purposes</td>
<td>86v9</td>
</tr>
<tr>
<td>Belmont, H. L.: La Bulle-Clock, Horlogerie Electrique</td>
<td>804v9</td>
</tr>
<tr>
<td>Berman, G.: An Essay on Church Clocks, with reference to the clock from the Hospital Santa Cruz</td>
<td>458v9</td>
</tr>
<tr>
<td>Brusa, G. : Gli orologi, Museo Poldi Pezzoli</td>
<td>85v9</td>
</tr>
<tr>
<td>Bruton, E.: Antique Clocks &amp; Clock Collecting</td>
<td>222v9</td>
</tr>
<tr>
<td>Clutton, C. &amp; Daniels, G.: Clocks &amp; Watches. The collection of the Worshipful Company of Clockmakers</td>
<td>675v9</td>
</tr>
<tr>
<td>Cuss, T. P. C.: The Camerer Cuss Book of Antique Watches</td>
<td>909v9</td>
</tr>
<tr>
<td>Daniell, J. : Leicestershire Clockmakers</td>
<td>802v9</td>
</tr>
<tr>
<td>Daniels, G. : The Art of Breguet</td>
<td>343v9</td>
</tr>
<tr>
<td>F.A.U.: Heft XIV</td>
<td>370v9</td>
</tr>
<tr>
<td>Fried, H. B.: Bench Practices for Watch and Clockmakers</td>
<td>226v9</td>
</tr>
<tr>
<td>Fried, H. B.: The Watch Escapement, How to analyse How to repair How to adjust</td>
<td>225v9</td>
</tr>
<tr>
<td>Gunther, R. T.: The Astrolabes of the World.</td>
<td>802v9</td>
</tr>
<tr>
<td>Hawkins, J. B.: Thomas Cole &amp; Victorian Clockmaking</td>
<td>678v9</td>
</tr>
<tr>
<td>Howse, D. : Francis Place &amp; the Early History of the Greenwich Observatory</td>
<td>568v9</td>
</tr>
<tr>
<td>Howse, D.: Greenwich Observatory: the Buildings &amp; Instruments</td>
<td>677v9</td>
</tr>
<tr>
<td>Leopold, J. H.: A Table Clock by Johann Reinhold of Augsburg</td>
<td>86v9</td>
</tr>
<tr>
<td>Loomes, B.: Lancashire Clocks and Clockmakers</td>
<td>677v9</td>
</tr>
<tr>
<td>Loomes, B.: Westmorland Clocks and Clockmakers</td>
<td>223v9</td>
</tr>
<tr>
<td>Mayr, O. (edit.): Philosophers &amp; Machines</td>
<td>679v9</td>
</tr>
<tr>
<td>Nettell, D. F.: Automatic Winders for Turret Clocks</td>
<td>568v9</td>
</tr>
<tr>
<td>Powell, F.: The Dynamics of the Verge Watch A Scientific Treatise</td>
<td>803v9</td>
</tr>
<tr>
<td>Price, D. De Solla : Gears from the Greeks, the Antikythera Mechanism a Calendar Computer from ca. 80 B.C.</td>
<td>224v9</td>
</tr>
<tr>
<td>Roo, T. de: Roentgen Atlas' of Old Dutch Clocks</td>
<td>222v9</td>
</tr>
<tr>
<td>Sang-woon Jeon: Science &amp; Technology in Korea, Traditional Instruments &amp; Techniques</td>
<td>569v9</td>
</tr>
</tbody>
</table>

**Book reviews (cont)**

<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schindler, G.: Uhren</td>
<td>223v9</td>
</tr>
<tr>
<td>Simoni, A.: La Clessidra di re Ruggero in Palermo, di Antonio Simoni</td>
<td>344v9</td>
</tr>
<tr>
<td>Smith, J.: Old Scottish Clockmakers from 1453 to 1850</td>
<td>223v9</td>
</tr>
<tr>
<td>Spöring, J.: Die Uhr im Zyttum uf Musegk zu Lucern 1385 - 1535</td>
<td>569v9</td>
</tr>
</tbody>
</table>

**Book reviews (cont)**

<table>
<thead>
<tr>
<th>Name</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tebbutt, L.: Stamford Clocks and Watches and their Makers</td>
<td>678v9</td>
</tr>
<tr>
<td>Tyler, F. J.: Clocks &amp; Watches</td>
<td>676v9</td>
</tr>
<tr>
<td>Name</td>
<td>Page Numbers</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Alley, Jerome</td>
<td>591v9</td>
</tr>
<tr>
<td>Audinet</td>
<td>743v9</td>
</tr>
<tr>
<td>Brown, John</td>
<td>521v9</td>
</tr>
<tr>
<td>Bullock, Christopher</td>
<td>924v9</td>
</tr>
<tr>
<td>Bumstead, Robert</td>
<td>133v9</td>
</tr>
<tr>
<td>Cockey, Edward</td>
<td>242v9</td>
</tr>
<tr>
<td>Cotsworth, John</td>
<td>128v9</td>
</tr>
<tr>
<td>Coulton, William</td>
<td>722v9</td>
</tr>
<tr>
<td>Cumming, Alexander</td>
<td>879v9</td>
</tr>
<tr>
<td>Danell</td>
<td>230v9</td>
</tr>
<tr>
<td>De Charms, Simon</td>
<td>862v9</td>
</tr>
<tr>
<td>Du Chesne, Claudius</td>
<td>689, 874v9</td>
</tr>
<tr>
<td>Dunlop, Andrew</td>
<td>121v9</td>
</tr>
<tr>
<td>Ellicott, John</td>
<td>312, 466, 725, 748, 750v9</td>
</tr>
<tr>
<td>Elliott, Henry</td>
<td>689v9</td>
</tr>
<tr>
<td>Evill, William</td>
<td>398v9</td>
</tr>
<tr>
<td>Fennell, Richard</td>
<td>82v9</td>
</tr>
<tr>
<td>Fladgate, John</td>
<td>269v9</td>
</tr>
<tr>
<td>Fleetwood, Robert</td>
<td>76v9</td>
</tr>
<tr>
<td>Frodsham</td>
<td>272, 345v9</td>
</tr>
<tr>
<td>Garon, Peter</td>
<td>345v9</td>
</tr>
<tr>
<td>Gilson</td>
<td>961v9</td>
</tr>
<tr>
<td>Goode, Charles</td>
<td>123v9</td>
</tr>
<tr>
<td>Gravell &amp; Tolkein</td>
<td>389v9</td>
</tr>
<tr>
<td>Graydon</td>
<td>722v9</td>
</tr>
<tr>
<td>Gregory, Jerome</td>
<td>850v9</td>
</tr>
<tr>
<td>Gretton, Charles</td>
<td>312, 967v9</td>
</tr>
<tr>
<td>Guiguer, Anthony</td>
<td>832v9</td>
</tr>
<tr>
<td>Herbert, Thomas</td>
<td>82v9</td>
</tr>
<tr>
<td>Hindley, Henry</td>
<td>410v9</td>
</tr>
<tr>
<td>Hodges, Nathaniel</td>
<td>692v9</td>
</tr>
<tr>
<td>Jeifreys, John</td>
<td>502v9</td>
</tr>
<tr>
<td>Johnson, W.</td>
<td>924v9</td>
</tr>
<tr>
<td>Jones, Henry</td>
<td>827v9</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>220v9</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>126, 736v9</td>
</tr>
<tr>
<td>Leplastrier</td>
<td>596v9</td>
</tr>
<tr>
<td>Lodge, Thomas</td>
<td>137v9</td>
</tr>
<tr>
<td>Massey, Charles</td>
<td>360v9</td>
</tr>
<tr>
<td>Massy, Henry</td>
<td>806v9</td>
</tr>
<tr>
<td>Morice, D. &amp; W.</td>
<td>876v9</td>
</tr>
<tr>
<td>Morison, George</td>
<td>11v9</td>
</tr>
<tr>
<td>Nicolason</td>
<td>624v9</td>
</tr>
<tr>
<td>Norton, Eardley</td>
<td>280, 606v9</td>
</tr>
<tr>
<td>Philip, Robert</td>
<td>831v9</td>
</tr>
<tr>
<td>Phipps, William</td>
<td>10v9</td>
</tr>
<tr>
<td>Preisacher, Ge.</td>
<td>16v9</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>149v9</td>
</tr>
<tr>
<td>Scott, Robert</td>
<td>285v9</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>6, 65, 67, 345, 403, 608, 741v9</td>
</tr>
<tr>
<td>Tregent, James</td>
<td>749v9</td>
</tr>
<tr>
<td>Trewinnard, Joseph</td>
<td>273273v9</td>
</tr>
<tr>
<td>Tupman</td>
<td>490v9</td>
</tr>
<tr>
<td>Upjohn, James</td>
<td>153v9</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Vernon, Thomas</td>
<td>16</td>
</tr>
<tr>
<td>Viner</td>
<td>116</td>
</tr>
<tr>
<td>Wainwright, John</td>
<td>633</td>
</tr>
<tr>
<td>Watson, Samuel</td>
<td>256</td>
</tr>
<tr>
<td>Watts, Brounker</td>
<td>260</td>
</tr>
<tr>
<td>Webster, William</td>
<td>153</td>
</tr>
<tr>
<td>Weeks</td>
<td>864</td>
</tr>
<tr>
<td>Whitehurst &amp; Son</td>
<td>879</td>
</tr>
<tr>
<td>Williamson</td>
<td>242</td>
</tr>
<tr>
<td>Williamson, Robert</td>
<td>146</td>
</tr>
<tr>
<td>Briggs, P. D.: Lunar Gear Trains &amp; Phase Indication</td>
<td>556</td>
</tr>
<tr>
<td>Brown, A. F.: George Jardin (letter)</td>
<td>470</td>
</tr>
<tr>
<td>Brown, A. K.: An Unusual Verge Escapement (letter)</td>
<td>814</td>
</tr>
<tr>
<td>Brown, A. K.: Chronometer Keys &amp; other matters (letter)</td>
<td>474</td>
</tr>
<tr>
<td>Brown, Lloyd: John Paxton (letter)</td>
<td>352</td>
</tr>
<tr>
<td>Brusa, G.: Italian Night Clocks</td>
<td>159</td>
</tr>
<tr>
<td>Buchler, W. P.: Mechanics &amp; Watchmakers Hager (1600-1800)</td>
<td>356</td>
</tr>
<tr>
<td>Bucknall, R. A.: A Remarkable Electric Clock</td>
<td>794</td>
</tr>
<tr>
<td>Camerini</td>
<td>69</td>
</tr>
<tr>
<td>Cannell, N. J.: Missing Automation</td>
<td>104</td>
</tr>
<tr>
<td>Carillon Clock by Mayne Swete</td>
<td>308</td>
</tr>
<tr>
<td>Carriage Clock by v9</td>
<td></td>
</tr>
<tr>
<td>Anon.</td>
<td>592, 752, 924, 968</td>
</tr>
<tr>
<td>Arnold &amp; Frodsham</td>
<td>6</td>
</tr>
<tr>
<td>Barwise</td>
<td>384</td>
</tr>
<tr>
<td>Baveaux</td>
<td>122</td>
</tr>
<tr>
<td>Berthoud</td>
<td>740</td>
</tr>
<tr>
<td>Bourdin</td>
<td>131, 138, 518</td>
</tr>
<tr>
<td>Breguet et Fils</td>
<td>620</td>
</tr>
<tr>
<td>Couaillet</td>
<td>594</td>
</tr>
<tr>
<td>Courvoisier, Fritz</td>
<td>147</td>
</tr>
<tr>
<td>Dent</td>
<td>366, 383</td>
</tr>
<tr>
<td>Dent, E. J.</td>
<td>616</td>
</tr>
<tr>
<td>Dent, M. F.</td>
<td>380, 680</td>
</tr>
<tr>
<td>Devaux, S.</td>
<td>406</td>
</tr>
<tr>
<td>Drocourt</td>
<td>131, 630, 636, 876</td>
</tr>
<tr>
<td>Drocourt, A.</td>
<td>835</td>
</tr>
<tr>
<td>Frodsham, Charles</td>
<td>636, 869</td>
</tr>
<tr>
<td>Gamier, Paul</td>
<td>680</td>
</tr>
<tr>
<td>Grohé</td>
<td>723</td>
</tr>
<tr>
<td>Hamilton &amp; Co.</td>
<td>501</td>
</tr>
<tr>
<td>Hunt &amp; Roskell</td>
<td>284, 518</td>
</tr>
<tr>
<td>Jacot, Henri</td>
<td>131, 689, 717, 755</td>
</tr>
<tr>
<td>Jules</td>
<td>511</td>
</tr>
<tr>
<td>Jump</td>
<td>503, 518, 681</td>
</tr>
<tr>
<td>Le Roy</td>
<td>499</td>
</tr>
<tr>
<td>Le Roy &amp; Fils</td>
<td>522</td>
</tr>
<tr>
<td>Leroy, L. &amp; Cie</td>
<td>630</td>
</tr>
<tr>
<td>McCabe, James</td>
<td>12, 13, 500</td>
</tr>
<tr>
<td>Carriage Clock by (cont)v9</td>
<td></td>
</tr>
<tr>
<td>Mensnieri, Grignon</td>
<td>258</td>
</tr>
<tr>
<td>Murray, James</td>
<td>395</td>
</tr>
<tr>
<td>RDE</td>
<td>277</td>
</tr>
<tr>
<td>Romilly</td>
<td>389</td>
</tr>
<tr>
<td>Soldano</td>
<td>622</td>
</tr>
<tr>
<td>Tiffany &amp; Co.</td>
<td>246</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>---------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Whitelaw, James</td>
<td>566V9</td>
</tr>
<tr>
<td>Carriage Clocks, Exhibition of</td>
<td>680V9</td>
</tr>
<tr>
<td>Carrington, R. F.: Thomas Yates of Preston Watchmaker &amp; Experimentalist</td>
<td>317V9</td>
</tr>
<tr>
<td>Catnach, T. B.: Stolen Watches (letter)</td>
<td>104V9</td>
</tr>
<tr>
<td>Challen, K.: William Ward (letter)</td>
<td>231V9</td>
</tr>
<tr>
<td>Chamberlain File, The</td>
<td>896V9</td>
</tr>
<tr>
<td>Chapiro, A.: Jean-Antoine Lepine, 1720 - 1814, an &quot;unknown&quot; maker</td>
<td>443V9</td>
</tr>
<tr>
<td>Chiavari Clock, Leonardo &amp; the, by A. Simoni</td>
<td>324V9</td>
</tr>
<tr>
<td>China Clocks (letter) by J. Nelson</td>
<td>95V9</td>
</tr>
<tr>
<td>Chinese Wall Clock</td>
<td>517V9</td>
</tr>
<tr>
<td>Chronometer by V9</td>
<td></td>
</tr>
<tr>
<td>Army &amp; Navy Co-operative Society</td>
<td>502V9</td>
</tr>
<tr>
<td>Arnold, John</td>
<td>640V9</td>
</tr>
<tr>
<td>Arnold, John &amp; Son</td>
<td>848V9</td>
</tr>
<tr>
<td>Breguet</td>
<td>621, 745V9</td>
</tr>
<tr>
<td>Brockbank &amp; Atkins</td>
<td>148, 832V9</td>
</tr>
<tr>
<td>Dwerryhouse &amp; Fletcher</td>
<td>935V9</td>
</tr>
<tr>
<td>Fletcher</td>
<td>148V9</td>
</tr>
<tr>
<td>Hattoji, James</td>
<td>612V9</td>
</tr>
<tr>
<td>Kessels</td>
<td>333V9</td>
</tr>
<tr>
<td>Molyneux, Robert</td>
<td>499V9</td>
</tr>
<tr>
<td>Mudge, Thomas</td>
<td>875V9</td>
</tr>
<tr>
<td>Nathan, B. &amp; Co.</td>
<td>266V9</td>
</tr>
<tr>
<td>Parkinson &amp; Frodsham</td>
<td>46, 50, 124, 148, 499, 703, 731, 872V9</td>
</tr>
<tr>
<td>Pennington, Pendleton &amp; Others</td>
<td>609V9</td>
</tr>
<tr>
<td>Potter, A. H.</td>
<td>770V9</td>
</tr>
<tr>
<td>Reynolds &amp; Son</td>
<td>499V9</td>
</tr>
<tr>
<td>Roskell, Robert</td>
<td>148V9</td>
</tr>
<tr>
<td>Russells Ltd.</td>
<td>148V9</td>
</tr>
<tr>
<td>Chronometer. The, function of the quick train marine, by C. Wood</td>
<td>331V9</td>
</tr>
<tr>
<td>Chronometer Keys (letter) by F. A. Mercer</td>
<td>578V9</td>
</tr>
<tr>
<td>Chronometer, Pocket, A Watch altered by Charles Edward Viner to a, by T. L. De Fazio</td>
<td>540V9</td>
</tr>
<tr>
<td>Chronometer with Constant Force Escapement (letter) by A. G. Randall</td>
<td>354V9</td>
</tr>
<tr>
<td>Chronometer, How the, Went to Sea by W. E. May</td>
<td>638V9</td>
</tr>
<tr>
<td>Chronometers, The Rarity of, by J. Knap</td>
<td>558V9</td>
</tr>
<tr>
<td>Chronometers, The Rarity of (letter), by F. A. Mercer</td>
<td>708V9</td>
</tr>
<tr>
<td>Clocks, Two, by Thuret by G. Wills</td>
<td>330V9</td>
</tr>
<tr>
<td>Cole, Thomas, Clockmaker 1800 - 1864 V9</td>
<td></td>
</tr>
<tr>
<td>Part 1: The Cole Family by D. Dawe</td>
<td>186V9</td>
</tr>
<tr>
<td>Part 2: Some Examples of the work of Thomas Cole by J. B. Hawkins</td>
<td>189V9</td>
</tr>
<tr>
<td>Cole, Thomas, Exhibition</td>
<td>690V9</td>
</tr>
<tr>
<td>Combridge, J. H.: The Astronomical Clock-towers of Chang Ssu-Hsun &amp; his successors, A.D. 976 to 1126</td>
<td>288V9</td>
</tr>
<tr>
<td>Compaigne, David (letter) by J. Y. Bateman</td>
<td>95V9</td>
</tr>
<tr>
<td>Constant Force Escapements by A. G. Randall</td>
<td>932V9</td>
</tr>
<tr>
<td>D</td>
<td></td>
</tr>
<tr>
<td>De Fazio, T. L.: A Watch Altered by Charles Edward Viner to a Pocket Chronometer 540V9</td>
<td></td>
</tr>
<tr>
<td>Delivery of a Clock, The, by John Holmes London to a Yorkshire Country House 1794 by D. Barker</td>
<td>906V9</td>
</tr>
<tr>
<td>De Magellan, J. H., The Portuguese Agent by G. L'E. Turner</td>
<td>74V9</td>
</tr>
<tr>
<td>De Magalhaens, J. H. &amp; M. Ranger (letter) by A. Le Brun</td>
<td>99V9</td>
</tr>
<tr>
<td>Dolling, R.: Unusual Chronometer Clock (letter)</td>
<td>935V9</td>
</tr>
<tr>
<td>Dondi, Science Museum, now on view</td>
<td>156V9</td>
</tr>
<tr>
<td>Drover, C. B.: George III's Directions for Mounting and Unmounting a Watch</td>
<td>169V9</td>
</tr>
<tr>
<td>Author</td>
<td>Title</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>A. J. Duley</td>
<td>Liechti Clocks in British Museums</td>
</tr>
<tr>
<td>Salomon Coster</td>
<td>Dutch Clocks</td>
</tr>
<tr>
<td>Jean Garnault</td>
<td></td>
</tr>
<tr>
<td>David Larmy</td>
<td></td>
</tr>
<tr>
<td>Joseph Norris</td>
<td></td>
</tr>
<tr>
<td>Claude Pascal</td>
<td></td>
</tr>
<tr>
<td>Johannes Tegelbergh</td>
<td></td>
</tr>
<tr>
<td>Johannes Van Ceulen</td>
<td></td>
</tr>
<tr>
<td>Adrian Van Den Bergh</td>
<td></td>
</tr>
<tr>
<td>Paulus Van Loon</td>
<td></td>
</tr>
<tr>
<td>Pieter Visbagh</td>
<td></td>
</tr>
<tr>
<td>R. Plomp</td>
<td>Dutch Influences in French Clockmaking &amp; Vice-Versa in the latter half of the Seventeenth Century</td>
</tr>
<tr>
<td>C. K. Aked</td>
<td>Early Electric Turret Clock, An</td>
</tr>
<tr>
<td>R. Edgcumbe</td>
<td>Repousse’ Watch Cases (letter)</td>
</tr>
<tr>
<td>A. Bird</td>
<td>Eighteenth Century Abbreviations, An (letter)</td>
</tr>
<tr>
<td>J. R. Millburn</td>
<td>Eighteenth Century Newspapers (letter)</td>
</tr>
<tr>
<td>A. Bastien</td>
<td>Roman Solar-Acoustic Clock in Verona</td>
</tr>
<tr>
<td>D. Felton</td>
<td>Ashmead, Dudbridge. (letter)</td>
</tr>
<tr>
<td>V. Finch, D. Howse</td>
<td>John Flamsteed &amp; The Balance Spring</td>
</tr>
<tr>
<td>V. Finch, John, and the Balance Spring by Howse &amp; V. Finch</td>
<td></td>
</tr>
<tr>
<td>P. Forlati</td>
<td>Roman Solar-Acoustic Clock in Verona</td>
</tr>
<tr>
<td>E. L. Thomas</td>
<td>Franklin Clock by Porthouse of Penrith, A, by E. L. Thomas</td>
</tr>
<tr>
<td>E. Elliott</td>
<td>An Astronomical Skeleton Clock (letter)</td>
</tr>
<tr>
<td>D. Evans</td>
<td>Letter from Rupert Gould (letter)</td>
</tr>
<tr>
<td>V. Litherland, Davis &amp; Co. (letter)</td>
<td>939V9</td>
</tr>
<tr>
<td>Liverpool Watchmakers (letter)</td>
<td>705V9</td>
</tr>
<tr>
<td>Samuel Yates of Liverpool</td>
<td>563V9</td>
</tr>
<tr>
<td>E. Fairclough</td>
<td>Louis Recordon, King George III, and Richard Simmons. An account of a royal presentation</td>
</tr>
<tr>
<td>D. H. Felton</td>
<td>Ashmead, Dudbridge. (letter)</td>
</tr>
<tr>
<td>V. Finch, D. Howse</td>
<td>John Flamsteed &amp; The Balance Spring</td>
</tr>
<tr>
<td>V. Finch, John, and the Balance Spring by Howse &amp; V. Finch</td>
<td></td>
</tr>
<tr>
<td>P. Forlati</td>
<td>Roman Solar-Acoustic Clock in Verona</td>
</tr>
<tr>
<td>E. L. Thomas</td>
<td>Franklin Clock by Porthouse of Penrith, A, by E. L. Thomas</td>
</tr>
<tr>
<td>E. Fairclough</td>
<td>Louis Recordon, King George III, and Richard Simmons. An account of a royal presentation</td>
</tr>
<tr>
<td>D. H. Felton</td>
<td>Ashmead, Dudbridge. (letter)</td>
</tr>
<tr>
<td>V. Finch, D. Howse</td>
<td>John Flamsteed &amp; The Balance Spring</td>
</tr>
<tr>
<td>V. Finch, John, and the Balance Spring by Howse &amp; V. Finch</td>
<td></td>
</tr>
<tr>
<td>P. Forlati</td>
<td>Roman Solar-Acoustic Clock in Verona</td>
</tr>
<tr>
<td>E. L. Thomas</td>
<td>Franklin Clock by Porthouse of Penrith, A, by E. L. Thomas</td>
</tr>
<tr>
<td>E. Fairclough</td>
<td>Louis Recordon, King George III, and Richard Simmons. An account of a royal presentation</td>
</tr>
<tr>
<td>D. H. Felton</td>
<td>Ashmead, Dudbridge. (letter)</td>
</tr>
<tr>
<td>V. Finch, D. Howse</td>
<td>John Flamsteed &amp; The Balance Spring</td>
</tr>
<tr>
<td>V. Finch, John, and the Balance Spring by Howse &amp; V. Finch</td>
<td></td>
</tr>
<tr>
<td>P. Forlati</td>
<td>Roman Solar-Acoustic Clock in Verona</td>
</tr>
<tr>
<td>E. L. Thomas</td>
<td>Franklin Clock by Porthouse of Penrith, A, by E. L. Thomas</td>
</tr>
<tr>
<td>E. Fairclough</td>
<td>Louis Recordon, King George III, and Richard Simmons. An account of a royal presentation</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Martinot, Baltazar 38V9
Martinot, Gilles 35V9
Michel 924V9
Saude, Pierre 34V9
French Clock Burgundian 311V9
French Clock Comptoise 20V9
Freunde Alter Uhren 80V9
Fromanteel Story, The, by B. Loomes 175V9
Function of the Quick Train Marine Chronometer, The, by C. Wood 331V9
Further Reading, For Your 88, 168, 342, 454, 555, 691, 808V9
Fusse Engine 396V9
George III's Directions for Mounting & Un-mounting a Watch by C. B. Drover 169V9
German Clocks 305, 309, 310, 401, 516, 519, 843, 965V9
German Clock by 309V9
Koppanu, Christopher 309V9
Metzger, Jeremias 310V9
Roll & Reinhold 316V9
Gothic Clocks 237, 727, 777V9
Gould, Rupert, Letter From, (letter) by D. Evans 818V9
Grimsley, Edmund: A Pantry Clock? 807V9
Hackamack, P. E. V9
James McCabe London (letter) 819V9
McCabe Numbering System (letter) 350V9
Hambley, P.J.: Restoration of 30 hour Clocks 103V9
Hancock, W. U. (obit.) 793V9
Harding, W.: Scottish Painted Dials 471V9
Hawkins, J. B.: Some Examples of the Work of Thomas Cole 189V9
Hayman, R. W.: James Goodyer Guildford (letter) 818V9
Hensey, W. F.: Sam Collings Downend (letter) 351V9
Hewitt, P. A.: Restoration of 30 Hour Country Clock Engraved Dials (letter) 472V9
Proposal to Form an A.H.S. Group for Leicester & District (letter) 469V9
Hindley, Henry, His Age, his Clocks & the Lancashire Link by J. R. M. Setchell 409V9
Holder, R. S.: James Wilson Stamford (letter) 702V9
Holgate, H. B.: Reproduction of French Skeleton Clock (letter) 350V9
Horological Memorial (letter) by P. D. Watkinson 469V9
Horology at Grosvenor House 922V9
Horton, E.: John Way - Newton St. Loe (letter) 702V9
Howard, C. W.: An Albert H. Potter Constant Force Chronometer 770V9
Howse, D. & Finch V.: John Flamsteed & the Balance Spring 664V9
Hudson, F.: William Roy, Dunfermline, the maker of a fine regulator 215V9
Hughes, A. G. V9
Information for Australian Member (letter) 470V9
Musical Clock Tunes (letter) 936V9
Hutchinson, D.: John Arnold's Chronometer No.13 further information (letter) 97V9
Ilbert, C. - see "The Chamberlain File" 896V9
International Colloquium (first) for the determination of a code of restoration of Old Clocks 663V9
International Museum of Horology 91V9
Iron Makers Marks on Turret Clocks (letter) by D. F. Nettell 813V9
Irwin, A. D. H.: Jointing Clock Rope (letter) 935V9
### Lantern Clocks: An Unusual Conversion, the "long lost" one (letter) by K. Moberly

**Law, R. J.** : Thomas Wright (letter)
- Page: 815

**Laycock, W. S.**
- An Intriguing Animation, (letter)
- A Puzzle in Dialling
- Country Clockmakers: Painted Dials. A proposal for an open research project (letter)
- Engraved Dials (letter)
- Modernisations " (letter)
- "Q" & Resonance (letters)
- The Fromanteel Story
- William Russell Clockmaker (letter)
- Leonardo & the Chiaravalle Abbey Clock by A. Simoni
- Leonardo, the Chiaravalle Clock & Epicyclic Gearing: a reply to Antonio Simoni by B. S. Hall & J. Bates.
- Pages: 777, 910

**Lepine, Jean-Antoine, 1720 - 1814** An "Unknown" Maker by A. Chapiro
- Page: 443

**Library Notes**
- Pages: 91, 208

**Liechti Clocks in British Museums by A. J. Duley**
- Page: 777

**Litherland, Davis & Co.** (letter) by C. Miles and reply by D. Evans
- Page: 939

**Liverpool Watchmakers (letter) by D. Evans**
- Page: 705

**Le Brun: J. H. de Magalhaens & M. Ranger** (letter)
- Page: 99

**Lloyd, Alan, the Society's Memorial to**
- Page: 156

### Long Case Clocks by

**Adamson, John**
- Page: 632

**Anon.**
- Page: 838

**Ashmead**
- Page: 815

**Aynsworth**
- Page: 633

**Batterson, Henry**
- Page: 759

**Bennet, Thomas**
- Page: 389

**Benson**
- Page: 307

**Blackbarrow, James**
- Page: 597

**Brown, A.**
- Page: 923

**Brown, Richard**
- Page: 377
Buckingham, Joseph 26V9
Cartwright, Thomas 377, 624V9
Chotard, Paul 877V9
Clement, Edward 127V9
Clement, William 4, 306V9
Comber 743V9
Drury, James 833V9
Dupont, Peter 953V9
Dutton, Matthew & Thomas 498V9
East, Edward 387V9
Ely, James 871V9
Evans, James 632V9
Evens, R. 579V9
Farley 136V9
Ferguson, Alex 742V9
Fromanteel (Amsterdam) 613V9
Fromanteel, A. 306V9
Fromanteel, John 688V9
Godfrey, Henry 307V9
Goodyear, James 818V9
Gould, Christopher 867V9
Graham, George 842V9
Grant, John 624V9
Gregory, James 103V9
Harper, Henry 402V9
Harrison 144V9
Houghton, Richard 599V9
Hindley, 172V9
Hindley, Henry 411V9
Holder, Charles 735V9
Holmes, John 9, 907V9
Jardin, George 470V9
Johanson, H. J. 923V9
Johnson, W. 468V9
Knibb, Joseph 2, 611V9
Kuhn, Hendrik 695V9
Lister, Thomas 634V9
Lun, Joseph 634V9
Markwick 841V9
Mills, Robert 151V9

Long Case Clock by (cont)V9
Mudge, Thos. & Dutton Wm. 861V9
Newman, T. 599V9
Norton, Eardley 270V9
Ogden, Thomas 545, 707V9
Percival, Thomas 837V9
Perigal, Francis 368V9
Pratt, J. 817V9
Prideaux, Edmond 846V9
Prime, Andrew 967V9
Scholefield, James 601V9
Smallwood, Joseph 971V9
Snow, William 142V9
Sone, Thomas 607V9
Tompion, Thomas 8, 264, 844V9
Trigg, Thomas 151V9
Watts, Brouncker 603V9
<table>
<thead>
<tr>
<th>Name</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watts, James</td>
<td>354</td>
</tr>
<tr>
<td>Way, John</td>
<td>574, 702</td>
</tr>
<tr>
<td>Webster, William</td>
<td>746</td>
</tr>
<tr>
<td>Westoby, John</td>
<td>866</td>
</tr>
<tr>
<td>Wichell, Samuel</td>
<td>599</td>
</tr>
<tr>
<td>Wilson, J.</td>
<td>702</td>
</tr>
<tr>
<td>Windmills, Joseph</td>
<td>632</td>
</tr>
<tr>
<td>Windmills, Thomas</td>
<td>597</td>
</tr>
<tr>
<td>Wise, John</td>
<td>9</td>
</tr>
<tr>
<td>Wright, T.</td>
<td>815</td>
</tr>
<tr>
<td>Loomes, B.</td>
<td></td>
</tr>
<tr>
<td>Clock Photographs</td>
<td>821</td>
</tr>
<tr>
<td>Early London</td>
<td>231</td>
</tr>
<tr>
<td>Records of Makers</td>
<td>474</td>
</tr>
<tr>
<td>The Fromanteel Story</td>
<td>175</td>
</tr>
<tr>
<td>The Fromanteel Story (letter)</td>
<td>472</td>
</tr>
<tr>
<td>Thomas Ogden</td>
<td>707</td>
</tr>
<tr>
<td>Lowne, Robert</td>
<td>209</td>
</tr>
<tr>
<td>&amp; his Electric Clock System by R. K. Shenton</td>
<td></td>
</tr>
<tr>
<td>Lunar Gear Trains</td>
<td>937</td>
</tr>
<tr>
<td>(letter) by A. B. Partridge</td>
<td></td>
</tr>
<tr>
<td>Lunar Gear Trains &amp; Phase - Indication by P. D. Briggs</td>
<td>556</td>
</tr>
<tr>
<td>Lunar Gear Trains (letter) by S. W. Tonkin</td>
<td>819</td>
</tr>
<tr>
<td>M</td>
<td></td>
</tr>
<tr>
<td>McKay, C. G.</td>
<td>559</td>
</tr>
<tr>
<td>A Turret Clock by</td>
<td></td>
</tr>
<tr>
<td>Jullion of Brentford</td>
<td></td>
</tr>
<tr>
<td>Mantel Clock,</td>
<td>627</td>
</tr>
<tr>
<td>Austrian</td>
<td></td>
</tr>
<tr>
<td>Mantel Clock,</td>
<td>253</td>
</tr>
<tr>
<td>Bohemian</td>
<td></td>
</tr>
<tr>
<td>Mantel Clock by</td>
<td></td>
</tr>
<tr>
<td>Arnold, John</td>
<td>610</td>
</tr>
<tr>
<td>Dent</td>
<td>822</td>
</tr>
<tr>
<td>Grimalde &amp; Johnson</td>
<td>499</td>
</tr>
<tr>
<td>Leach, Richard</td>
<td>806</td>
</tr>
<tr>
<td>Lepine</td>
<td>729</td>
</tr>
<tr>
<td>McCabe, James</td>
<td>492</td>
</tr>
<tr>
<td>Phup, Robert</td>
<td>267</td>
</tr>
<tr>
<td>Vulliamy</td>
<td>6</td>
</tr>
<tr>
<td>Marks, John</td>
<td></td>
</tr>
<tr>
<td>Revolving Sphere</td>
<td>710</td>
</tr>
<tr>
<td>Moon Indicators,</td>
<td></td>
</tr>
<tr>
<td>John and Ann</td>
<td></td>
</tr>
<tr>
<td>Hawkins Southampton (letter)</td>
<td></td>
</tr>
<tr>
<td>Marsh, G. A.</td>
<td>234</td>
</tr>
<tr>
<td>J. D. Scotcher</td>
<td></td>
</tr>
<tr>
<td>Islington (letter)</td>
<td></td>
</tr>
<tr>
<td>Maxted, I. F.</td>
<td>426</td>
</tr>
<tr>
<td>A Proposal for a</td>
<td></td>
</tr>
<tr>
<td>National Index of</td>
<td></td>
</tr>
<tr>
<td>Clock and Watch</td>
<td></td>
</tr>
<tr>
<td>Makers</td>
<td></td>
</tr>
<tr>
<td>May, W. E.</td>
<td>638</td>
</tr>
<tr>
<td>How the Chronometer went to Sea</td>
<td></td>
</tr>
<tr>
<td>Meeting Reports</td>
<td>88, 226, 346, 460, 571, 673, 698, 809, 926</td>
</tr>
<tr>
<td>Membership</td>
<td>63, 219, 349, 457, 544, 696, 776, 909</td>
</tr>
<tr>
<td>Mercer, D. M. A.</td>
<td></td>
</tr>
<tr>
<td>Investigation into</td>
<td>819</td>
</tr>
<tr>
<td>Regulators (letter)</td>
<td></td>
</tr>
<tr>
<td>Regulator Clocks</td>
<td>352</td>
</tr>
<tr>
<td>(letter)</td>
<td></td>
</tr>
<tr>
<td>Mercer, F. A.</td>
<td></td>
</tr>
<tr>
<td>Chronometer Keys</td>
<td>355, 578</td>
</tr>
<tr>
<td>(letters)</td>
<td></td>
</tr>
<tr>
<td>Mystery Tool</td>
<td>578</td>
</tr>
<tr>
<td>(letters)</td>
<td>709</td>
</tr>
<tr>
<td>Rarity of Chronometers, The (letter)</td>
<td>708</td>
</tr>
<tr>
<td>Mercer, V.</td>
<td>195</td>
</tr>
<tr>
<td>: John Arnold's</td>
<td></td>
</tr>
<tr>
<td>Second Marriage</td>
<td></td>
</tr>
<tr>
<td>Metfield Church</td>
<td>320</td>
</tr>
<tr>
<td>Clock, The, by L. F. Miller</td>
<td>939</td>
</tr>
<tr>
<td>Miles, C. :</td>
<td></td>
</tr>
<tr>
<td>Litherland Davis &amp; Co. (letter)</td>
<td>472</td>
</tr>
<tr>
<td>Miles, R. H. A. :</td>
<td></td>
</tr>
<tr>
<td>Thomas Yates of</td>
<td></td>
</tr>
<tr>
<td>Preston (letter)</td>
<td></td>
</tr>
<tr>
<td>Milburn, J. R.</td>
<td></td>
</tr>
<tr>
<td>Eighteenth Century Newspapers (letter)</td>
<td>98</td>
</tr>
<tr>
<td>George III -</td>
<td>576</td>
</tr>
<tr>
<td>Watchmaker (letter)</td>
<td></td>
</tr>
<tr>
<td>Miller, L. F.</td>
<td>320</td>
</tr>
<tr>
<td>Metfield Church</td>
<td></td>
</tr>
<tr>
<td>Clock, The</td>
<td></td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Robert Evens Halstead (letter) 816

Miniature Spring Clocks, Three, by Thomas Tompion by M. Neilson 6

Moberly, K. 818

V9

German "Clockmaker" (letter) 818

Lantern Clocks: An Unusual Conversion. The "long lost" One (letter) 102

George Newnten Seene. James Watts Taunton (letter) 354

"Modernisations" (letter) by W. S. Laycock 105

Molyneux's, Robert, Astronomical Clocks and Chronometers by C. Wood 412

Mowatt, H. P.: W. Johnson Eshebanck (letters) 468, 705

Museums

Gray Museum, Hartlepool 357

International Museum of Horology 91

Victoria & Albert 304

Mystery Tool (letter) by F. A. Mercer 709

N

Neilson M. 934

V9

Chronometer Springs (letter) 934

Proposed National Index of Clock & Watch Makers (letter) 936

Three Miniature Spring Clocks by Thomas Tompion 64

V9

Nelson, J.: China Clocks 95

Nettell, D. F. 355

Buckden (letter) 355

Iron Makers Marks on Turret Clocks (letter) 813

The Stradishall Clock (letter) 575

West Tofts (letter) 350

V9

Nettell, D. F. & James, A. L.: A Turret Clock at Claverley (Salop) 302

Nettell, D. F. & Laycock, W. S.: A Pair of Wooden Posted Turret Clocks 77

Newnten, George, Seene. James Watts Taunton (letter) by K. Moberly 354

Norgate, M.: Antique Script (letter) 235

Norgate, M. & Hudson, F.: Ebenezer Henderson (letter) 706

O

Ogden, Thos., de Halifax. An Eight Day Revolving Ball Moon Long Cased Clock. c. 1740 by D. Barker 545

Orbis Sensualium Pictus by J. R. Aked 789

Orologio, Dell', Applicato All Elettromotore Perpetuo by C. K. Aked & P. Rizzardi 524

Osborne, C. A.: Information wanted (letter) 353

Osborne, Walter Victor (obit.) 68

P

Pantry Clock, A, by E. Grimsley 807

Parkinson & Frodsham Pamphlet, Extracts from A, by C. Wood 46

Partridge, A. B.: Lunar Gear Trains (letter) 937

Patterson, H. R. P. 358

Painted Dials (letter) 358

Robert Evens Halstead (letter) 708

Scottish Painted Dials (letter) 575

Pearson, B.: The Burley Clock (letter) 580

Picture Clock 19

Planetarium, A Description and Study of a, by M. Redon & P. Balmès 682

Pleasure, M. 935

John Harrison's Grave (letter) 935

The Twilight of Islamic Astronomy 918

Plomp, R.: Dutch Influences in French Clock-making & Vice-Versa in the latter half of the Seventeenth Century 28

Police Page 82, 220, 345, 466, 566, 689, 806, 924

Pope, J. B.: Clockmakers named Pitt (letter) 232

Potter, An Albert H., Constant Force Chronometer by C. W. Howard 770

Potts, T.: An Early Clockmaker's Epitaph (letter) 352
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006


Proposal For A National Index of Clock & Watch Makers by I. F. Maxted 426V9

Puzzle in Dialling, A, by W. S. Laycock 455V9

Randall, A. G. V9

Chronometer with Constant Force Escapement (letter) 354V9

Constant Force Escapements 932V9

Rarity of Chronometers, The, by J. Knap 555V9

Recordon, Louis, King George III. & Richard Simmons: An Account of a Royal Presentation Watch by O. Fairclough 551V9

Redon, M. & Balmès, P.: A Description & Study of a Planetarium 682V9

Regulator Clock by

Anon. 504, 618, 629, 870V9
Arnold & Dent 861V9
Bracher & Sydenham 738V9
Deal, William 970V9
Dent 617, 738V9
Hardy, William 845, 883, 885V9
Howard, Reddish 591V9
Lepaute 923V9
Lepaute, Henry 757V9
Leroux, John 597V9
Leroy 893V9
Lund & Blockley 868V9
Molyneux, Robert 417, 418, 420, 421, 422, 423, 424, 963V9
Phillips, F. H. & Gowland, J. 963V9
Raingo 125V9
Roy, William 215V9
Smithyes, John 140V9
Tupman, lames 832V9
Williamson, John 863V9
Wray 490V9

Regulator, Vienna 871V9

Reingold, J. : Charles MacDowall (letter) 702V9

Remarkable Electric Clock, A, by R. A. Bucknall 794V9

Repoussé Watch Cases (letter) by R. Edgcumbe 231V9

Restoration of 30 hour Clocks (letter) by P. J. Hambley 103V9

Richard of Wallingford 460V9

Rimler, M. R.: Tompion Clock Numbering (letter) 709V9

Rizzardi, P. & Aked, C. K.: Dell’ Orologio Applicato all Elettromotore Perpetuo 524V9

Ringland, William (letter) by W. G. Stuart 95V9

Robinson, R.: Wooden Turret Clock 577V9

Rodgers, B. V.: Unusual Crutch on Bracket Clock (letter) 936V9

Roman Figure Four, The, (letter) by A. Simoni 101V9

Roman Solar-Acoustic Clock in Verona by P. F. Forlati 198V9

Routley, C. W.: John Way Newton St. Loe (letter) 708V9


S

Sandglass, Portuguese 922V9

Scottish Painted Dials 358, 471, 575, 706V9

Sedan Chair Clock 826V9

Setebell, J. R. M.: Henry Hindley His Age, His Clocks & The Lancashire Link 409V9

Shanks, K. W.: Gray Museum Hartlepool (letter) 357V9


Shenton, R. K.: The Automatic Memorandum Clock 337V9

The Lancashire File Industry (letter) 233V9

Robert Lowne & His Electric Clock System 209V9
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Shourd, R.: Inscription on Back of Clock Dial (letter) 938

Simoni, A.:
  Leonardo & the Chiaravalle Abbey Clock 324
  The Roman Figure Four (letter) 101

Skeleton Clock, Astronomical 820
Skeleton Clock, Austrian 385
Skeleton Clock by:
  Anon. 619, 838
  Congreve, William 513
  Coteau 962
  Macdowall, C. 702
  Richardson 950
  Smith & Sons 728

Skeleton Clock, French 399, 873

Smart, P. J.: Antique Measurements (letter) 470

Solar-Acoustic Clock, Roman, in Verona by P. F. Forlati 198

Stackfreed. A Conjecture concerning the (letter) by H. F. S. 469

Stevens, John C. (obit.) 768

Stolen Watches (letter) by T. B. Catnach 104

Sundial by:
  Anon. 455, 918
  Harris, W. & Co. 254
  Peuerbach 800
  Regiomontanus 800

T

Table Clock by:
  Fromanteel, A. & East, Edward 614
  Jans, Josephus 760
  Thomas, E. L.: A Franklin Clock by Porthouse of Penrith 202
  Thornton, Philip P. (obit.) 562

Tidmus, N.:
  David Compigné, (letter) 231
  Edward Funnell, Brighton (letter) 93
  The Avenell Family (letter) 102

Tonkin, S. W.: Lunar Gear Trains (letter) 819

Tour De Force in Constant Force, A, (letter) by W. K. Bonta 100

Tour, The A.H.S. West Country, 10th - 17th May, 1975 by J. A. Bell 692

Turkish Calendar Watch (letter) by H. Von Bertele 709

Turner, G. L'E: The Portuguese Agent: J. H. de Magellan 74

Turret Clock at Claverley (Salop), A, by D. F. Nettell & A. L. James 302

Turret Clock by Joseph Knibb, A, An Appeal 408

Turret Clock by Julian of Brentford, A, by C. G. McKay 559

Turret Clock at:
  Buckden 355
  Burley 408, 580
  Claverley 302
  Cotehele 693
  Exeter 695
  Hanwell 561
  Metfield 320
  West Tofts 350

Turret Clock, Austrian 727

Turret Clock by:
  Anon. 719
  Bensons 369
Jullion
Knibb, Joseph
Thwaites & Reed
Tucker

Turret Clock, Electric
Turret Clock, Frame Mark on a (letter) by P. H. Whatmoor
Turret Clock, Wooden

Twilight of Islamic Astronomy, The, by M. Pleasure

Tyler. E. J.
Edward Funnell, Brighton (letter)
J. Jullion Brentford; Thomas Heeley (letter)

Ullyett, K.: Harcastle Collection (letter)
Ullyett, Kenneth (obit.)

Vernon, J. R.: Clock by Daniel Delander (letter)


Von Bertele, H.: Turkish Calendar Watch (letter)

Wall Clock by
Arnold, John
Bullock, Thomas
Dutton, Matthew & Thomas
Ellicott, John
Sims, John
Strigels

Wall Clock, Franklin type
Wall Clock, Swiss

W
Ward, F. A. B.
Clocks of the Victoria & Albert Museum, The, Earliest String-Gnomon Sundials, The, Fifteenth Century Clocks & Clock Dials
Waskowski, G. Von: Devonshire Clockmakers (letter)
Watch by
Allen & Walker
Atwood, W.
Bayley, John
Breguet
Capt & Co.
Dodds, Joseph
Flurier
Graham, George
Hubert, David
Hutton, P.
Irgensen, Urban
Kinable, D. D.
Lepine, J. A.
Molvieux, Robert
Oudin, Eleve de Breguet
Quare, D. & Horseman, S.
Raguet-Lepine
Recordon, Louis
Tompion, Thomas
Torboch, Gottfried
Viner, Charles Edward
Windmills, Joseph & Thomas 716
Wright, Thomas 785
Yates, Samuel 564
Yates, Thomas 318
Water Clock of al-Jazari, The Castle 808
Watkinson, P. D.: Horological Memorial (letter) 469
Watts, James, Taunton (letter) by K. Moberly 354
West, Alan (obit.) 793
Whatmoor, P. H.: Frame Mark on a Turret Clock (letter) 352
What's Wrong With Hardy's Escapement? by C. Wood 882
Whitmer, R.: Robert H. Ingersoll (letter) 580
Wills, G.: Two Clocks by Thuret 330
Wood, C.
Extracts from a Parkinson & Frodsham Pamphlet 46
Parkinson & Frodsham No.253 (letter) 703
Robert Molyneux's Astronomical Clocks & Chronometers 412
The Function of the Quick Train Marine Chronometer 331
What's Wrong with Hardy's Escapement? 882
Wooden Posted Turret Clocks, A Pair of, by W. S. Laycock & D. F. Nettell 77
Wright, Thomas, In the Poultry London, No. 2228 by A. Crisford 785
Y
Yates, Samuel, of Liverpool by D. M. W. Evans 563
Yates, Thomas, of Preston Watchmaker & Experimentalist by R. F. Carrington 317
INDEX TO MAKERS

Heavy type indicates an illustration

<table>
<thead>
<tr>
<th>A</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Adamson, Humphrey</td>
<td>669V9</td>
</tr>
<tr>
<td>Adamson, J.</td>
<td>632V9</td>
</tr>
<tr>
<td>Aldworth, Samuel</td>
<td>611V9</td>
</tr>
<tr>
<td>Allam, W.</td>
<td>760V9</td>
</tr>
<tr>
<td>Allen &amp; Walker</td>
<td>17V9</td>
</tr>
<tr>
<td>Alley, Jerome</td>
<td>591V9</td>
</tr>
<tr>
<td>Allport</td>
<td>230, 596V9</td>
</tr>
<tr>
<td>Ambijh</td>
<td>756V9</td>
</tr>
<tr>
<td>Appley, Edmund</td>
<td>351V9</td>
</tr>
<tr>
<td>Arnold, John</td>
<td>97, 195, 610, 640, 807, 897, 899, 900V9</td>
</tr>
<tr>
<td>Arnold, John &amp; Son</td>
<td>848V9</td>
</tr>
<tr>
<td>Arnold &amp; Dent</td>
<td>861V9</td>
</tr>
<tr>
<td>Arnold &amp; Frodsham</td>
<td>6V9</td>
</tr>
<tr>
<td>Ashley, E. F.</td>
<td>130V9</td>
</tr>
<tr>
<td>Ashmead</td>
<td>815V9</td>
</tr>
<tr>
<td>Atwood, W.</td>
<td>579V9</td>
</tr>
<tr>
<td>Audinet</td>
<td>743V9</td>
</tr>
<tr>
<td>Avenell</td>
<td>102V9</td>
</tr>
<tr>
<td>Aynsworth</td>
<td>633V9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bain, Alexander</td>
<td>51, 704V9</td>
</tr>
<tr>
<td>Barraud &amp; Lunds</td>
<td>106V9</td>
</tr>
<tr>
<td>Barwise</td>
<td>384V9</td>
</tr>
<tr>
<td>Bastien</td>
<td>313V9</td>
</tr>
<tr>
<td>Batterson, H.</td>
<td>759V9</td>
</tr>
<tr>
<td>Baveaux</td>
<td>122V9</td>
</tr>
<tr>
<td>Bayley, John</td>
<td>132V9</td>
</tr>
<tr>
<td>Bennet, Thomas</td>
<td>389V9</td>
</tr>
<tr>
<td>Benson</td>
<td>307V9</td>
</tr>
<tr>
<td>Bensons</td>
<td>369V9</td>
</tr>
<tr>
<td>Berthoud</td>
<td>740V9</td>
</tr>
<tr>
<td>Bianchi, Giovanni</td>
<td>530V9</td>
</tr>
<tr>
<td>Blackbarrow, James</td>
<td>597V9</td>
</tr>
<tr>
<td>Bourdin</td>
<td>131, 138, 518V9</td>
</tr>
<tr>
<td>Bower, Peter</td>
<td>472V9</td>
</tr>
<tr>
<td>Bracher &amp; Sydenham</td>
<td>738V9</td>
</tr>
<tr>
<td>Breguet</td>
<td>621, 745, 836V9</td>
</tr>
<tr>
<td>Breguet &amp; Fils</td>
<td>620V9</td>
</tr>
<tr>
<td>Brockbank &amp; Atkins</td>
<td>148, 832V9</td>
</tr>
<tr>
<td>Brown, Andrew</td>
<td>923V9</td>
</tr>
<tr>
<td>Brown, John</td>
<td>521V9</td>
</tr>
<tr>
<td>Brown, Richard</td>
<td>377V9</td>
</tr>
<tr>
<td>Buckingham, Joseph</td>
<td>26V9</td>
</tr>
<tr>
<td>Bullock, C.</td>
<td>924V9</td>
</tr>
<tr>
<td>Bullock, Thomas</td>
<td>689V9</td>
</tr>
<tr>
<td>Bumstead, Robert</td>
<td>133V9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cade, Simon</td>
<td>739V9</td>
</tr>
<tr>
<td>Camerini</td>
<td>69V9</td>
</tr>
<tr>
<td>Campanus, Joseph</td>
<td>160, 167V9</td>
</tr>
<tr>
<td>Campanus, Petrus Thomas</td>
<td>129, 161V9</td>
</tr>
<tr>
<td>Capt &amp; Co.</td>
<td>265V9</td>
</tr>
<tr>
<td>Cartwright, Thomas</td>
<td>377, 624V9</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Chotard, Paul 877V9
Clement, Edward 127V9
Clement, William 4, 306V9
Cockey, Edward 242V9
Cole, Thomas 186, 268, 361, 397, 404, 457, 690V9
Collings, Samuel 351V9
Comber, R. 743V9
Compagné, David 231V9
Congreve, William 513V9
Coster, Salomon 14, 29, 30V9
Coteau 962V9
Cotsworth, John 128V9
Couailkt 594V9
Coulton, William 722V9
Courvoisier, Fritz 147V9
Cuff, John 751V9
Cumming, Alex 862, 879V9

D
Danell 230V9
Davidson, John 337V9
Davis, Joseph 106V9
Deal, William 970V9
De Charmes, Simon 862V9
Delander, Daniel 230, 307V9
Dent 130, 366, 383, 617, 738, 822, 845V9
Dent, E. J. 616V9
Dent, M. F. 380, 680V9
Devaux, S. 406V9
Dicker, T. 934V9
Dodds, Joseph 450V9
Dorn, H. 801V9
Drocourt 131, 636, 835, 876V9
Drury, James 833V9
Du Chesne, Claudius 689, 874V9
Dunlop, Andrew 121, 400V9
Dupont, Peter 953V9
Dutton, Matthew & Thomas 498, 972V9
Dwerryhouse & Fletcher 935V9

E
East, Edward 220, 387, 614V9
Earnshaw, Thomas 331, 357, 639V9
Ellicott, John 312, 466, 631, 725, 748, 750, 862V9
Elliott, H. 689V9
Ely, J. 871V9
Emery, J. 902V9
Etherington, George 514, 624V9
Evans, James 632V9
Evens, R. 579, 708, 816V9
Evill, William 398V9

F
Farley 136, 566V9
Fennell, Richard 82V9
Ferguson, Alex. 742V9
Fladgate, John 269V9
Fleetwood, Robert 76V9
Fletcher 148V9
Flurier 107V9
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Fromanteel, 175, 230, 356
Fromanteel, Amsterdam 181, 613
Fromanteel, Abraham 576
Fromanteel, Ahasuerus 179, 306
Fromanteel & Clarke 183
Fromanteel, A. & East, Edward 614
Fromanteel, John 688
Frosham 272, 345
Frosham, Charles 244, 636, 869
G
Gardiner, Robert Furbur 901
Garnault, Jean 40
Gamier, Paul 680
Garon, Peter 345
Gerrard, J. 357
Gilbert 489
Gilson 961
Goffrey, Henry 307
Goode, Charles 123
Goodyear, James 818
Gould, C. 867
Graham, George 65, 842, 852, 901, 923
Grant, John 624
Grant, J. D. 680
Gravell & Tolkein 389
Graydon 722
Gregoire 38
Gregory, James 103
Gregory, Jeremie 850
Gretton, Charles 312, 967
Grimalde & Johnson 499
Grohè 723, 924
Guiguier, Anthony 832
Guilmet 314
H
Hager 356
Hamilton & Co. 501
Hanet, Nicolas 36
Hardy, William 845, 882
Harper, Henry 402
Harris, W. & Co. 254
Harrison 144
Hatton, James 612
Haughton, Richard 599
Hawkins, John & Ann 710
Heale, John 96
Hedges, Nathaniel 838
Heelley, T. 707
Henderson, E. 706
Herbert, Thomas 82
Hicks, J. 709, 818
Hindley de Wigan 172
Hindley, Henry 409
Hodges, N. 692
Holder, Charles 735
Holmes, John 9, 906
Howard, R. 591
Hubert, D. 394v9
Hunt & Roskell 284, 518v9
Hurt, I. 739v9
Hutton, P. 17v9
Huygens, C. 665v9
I
Ingersoll, R. H. 580v9
J
Jacot, Henri 131, 689, 717, 755v9
Jans, J. 760v9
Jardin, G. 470v9
Jefferys, G. 495v9
Jeifreys, John 502v9
Johanson, H. J. 923v9
Johnson, E. D. & Son 579v9
Johnson, W. 468, 705v9
Johnson, William 6, 924v9
Jones, Henry 827v9
Jules 511v9
Jullion, J. 559, 707v9
Jump 503, 518, 681v9
Jurgensen, Urban 283, 899v9
K
Kendall & Dent 130v9
Kendall, Larcum 640v9
Kessels 333v9
Knable 314, 448v9
Knibb, John 220v9
Knibb, Joseph 2, 126, 408, 580, 605, 611, 736v9
Knie, J. 490, 498v9
Knotsford, John 120v9
Koppaun, Christopher 309v9
Kuhn, J. Hendrik 695v9
L
Lamy, David 39v9
Leach, Richard 806v9
Le Maire, J. 37v9
Lepaute 689, 923v9
Lepaute, Henry 757v9
Lepine, Jean-Antoine 443, 729v9
Leplastrier 596v9
Leroux, John 597v9
Le Roy 499v9
Le Roy & Fils 522v9
Leroy, L. & Cie 630, 893v9
Liechti, A. 777v9
Liechti, E. 304, 777v9
Liechti, U. 777v9
Lister, T. 634v9
Litherland 705v9
Litherland, Davis & Co. 939v9
Lloyd, P. 364v9
Lodge, Thomas 137v9
Lun, J. 634v9
Lund & Blockley 868v9
Macdowall, C. 702v9
<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>McCabe, James</td>
<td>6, 12, 13, 350, 492, 500, 819</td>
</tr>
<tr>
<td>Magalhaen, J. H. de</td>
<td>74V9</td>
</tr>
<tr>
<td>Magellan, J. H. de</td>
<td>166V9</td>
</tr>
<tr>
<td>Manelli, Ludovico</td>
<td>1V9</td>
</tr>
<tr>
<td>Maranzeller</td>
<td>841V9</td>
</tr>
<tr>
<td>Marguerite Markwick</td>
<td>360V9</td>
</tr>
<tr>
<td>Massey, Charles</td>
<td>806V9</td>
</tr>
<tr>
<td>May, C. H.</td>
<td>495V9</td>
</tr>
<tr>
<td>May, J.</td>
<td>702V9</td>
</tr>
<tr>
<td>Martinot, Baltazar</td>
<td>38V9</td>
</tr>
<tr>
<td>Martinot, Gilles</td>
<td>35V9</td>
</tr>
<tr>
<td>Metzger, Jeremias</td>
<td>310V9</td>
</tr>
<tr>
<td>Meusnier, G.</td>
<td>258V9</td>
</tr>
<tr>
<td>Michel</td>
<td>924V9</td>
</tr>
<tr>
<td>Mills, Robert</td>
<td>151V9</td>
</tr>
<tr>
<td>Molynex, R.</td>
<td>381, 412, 499, 963V9</td>
</tr>
<tr>
<td>Molyneux &amp; Cope</td>
<td>418V9</td>
</tr>
<tr>
<td>Morice, D. &amp; W.</td>
<td>876V9</td>
</tr>
<tr>
<td>Morison, George</td>
<td>11V9</td>
</tr>
<tr>
<td>Mudge, T.</td>
<td>875V9</td>
</tr>
<tr>
<td>Mudge &amp; Dutton</td>
<td>861V9</td>
</tr>
<tr>
<td>Murray, James</td>
<td>395V9</td>
</tr>
<tr>
<td>Nathan, B. &amp; Co.</td>
<td>266, 499V9</td>
</tr>
<tr>
<td>Newman, T.</td>
<td>599V9</td>
</tr>
<tr>
<td>Newnten, G.</td>
<td>354V9</td>
</tr>
<tr>
<td>Nicolason</td>
<td>624V9</td>
</tr>
<tr>
<td>Norris, Joseph</td>
<td>43V9</td>
</tr>
<tr>
<td>Norton, Eardley</td>
<td>270, 280, 606V9</td>
</tr>
<tr>
<td>Nowe, Francis</td>
<td>306V9</td>
</tr>
<tr>
<td>Ogden, Thomas</td>
<td>545, 707V9</td>
</tr>
<tr>
<td>Oudin</td>
<td>25V9</td>
</tr>
<tr>
<td>Parkinson &amp; Frodsham</td>
<td>46, 124, 148, 499, 703, 731, 785, 872V9</td>
</tr>
<tr>
<td>Pascal, Claude</td>
<td>31, 32, 34V9</td>
</tr>
<tr>
<td>Patterson, George</td>
<td>230V9</td>
</tr>
<tr>
<td>Paxton, J.</td>
<td>352V9</td>
</tr>
<tr>
<td>Pedler, C.</td>
<td>707V9</td>
</tr>
<tr>
<td>Pennington, Pendleton &amp; Others</td>
<td>609, 651V9</td>
</tr>
<tr>
<td>Percival, T.</td>
<td>837V9</td>
</tr>
<tr>
<td>Perigal, F.</td>
<td>368V9</td>
</tr>
<tr>
<td>Philip, R.</td>
<td>831V9</td>
</tr>
<tr>
<td>Phillips, F. H. &amp;. Gowland J.</td>
<td>963V9</td>
</tr>
<tr>
<td>Philp, Robert</td>
<td>267V9</td>
</tr>
<tr>
<td>Phipps, William</td>
<td>10V9</td>
</tr>
<tr>
<td>Pierce, Thomas</td>
<td>352V9</td>
</tr>
<tr>
<td>Pitt</td>
<td>232V9</td>
</tr>
<tr>
<td>Plantart, N.</td>
<td>311V9</td>
</tr>
<tr>
<td>Porthouse</td>
<td>202V9</td>
</tr>
<tr>
<td>Potter, A. H.</td>
<td>770V9</td>
</tr>
<tr>
<td>Power, Thomas</td>
<td>611V9</td>
</tr>
<tr>
<td>Pratt, J.</td>
<td>817V9</td>
</tr>
<tr>
<td>Preisacher, Ge.</td>
<td>16V9</td>
</tr>
<tr>
<td>Prideaux, Edmond</td>
<td>846V9</td>
</tr>
<tr>
<td>Prime, A.</td>
<td>967V9</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 1 to 9 Compiled by Edward Powell @ AHS 2006

Puerbach, G. 800V9
Puzy, Isaac 959V9

Quare, D. 23, 149, 220, 231, 282, 575V9
Quare, D. & Horseman, S. 345V9

Raguet-Lepine 453V9
Raingo 125, 744, 849V9
Raingo frères 378, 922V9
Ranger, M. 74, 99V9
Recordon, L. 551V9
Reid, Thomas 893V9
Reynolds & Son 499V9
Richardson 950V9
Rimbault, Paul 262V9
Robin 307V9
Roe, Richard 352V9
Roque 82V9
Roll & Reinhold 316V9
Romilly 357, 389V9
Roskell, Robert 148, 220, 705V9
Roy, William 215V9
Russell, W. 817, 938V9
Russells Ltd. 148V9

Santuel 159V9
Sarton 405V9
Saudé, Pierre 34V9
Savage, George 903V9
Scholefield, James 601V9
Scobell, Henry 625V9
Scotchmer, J. D. 234V9
Scott, Robert 285V9
Semaine 864V9
Sims, John 862V9
Smallwood, J. 971V9
Smith & Sons 728V9
Smithyes, John 140V9
Snow, William 142V9
Soldand 622V9
Somersall, Mandevile 96V9
Sone, Thomas 607V9
Spending, William 321V9
Spendale, J. 938V9
Stanton, Edward 357V9
Streizig, Carl 497, 534V9
Strigels 814V9
Swete, Mayne 308V9

T
Tegelbergh, J. 42, 44V9
Thuret 313, 330V9
Tipling, William 470V9
Tompion, Thomas 6, 8, 64, 264, 345, 403, 608, 666, 694, 709, 741, 844, 922V9
Tregent, James 749V9
Trewinnard, Joseph 273V9
Trigg, Thomas 151V9
<table>
<thead>
<tr>
<th>Name</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tucker</td>
<td>561</td>
</tr>
<tr>
<td>Tupman, James</td>
<td>490, 832</td>
</tr>
<tr>
<td>Tyler, G.</td>
<td>566</td>
</tr>
<tr>
<td>Upjohn, James</td>
<td>153</td>
</tr>
<tr>
<td>Upjohn, J. Exeter</td>
<td>495</td>
</tr>
<tr>
<td>Van Ceulen, Johannes</td>
<td>41</td>
</tr>
<tr>
<td>Van Den Bergh, Adrian</td>
<td>311</td>
</tr>
<tr>
<td>Van Loon, Paulus</td>
<td>257</td>
</tr>
<tr>
<td>Vernon, Thomas</td>
<td>16, 230</td>
</tr>
<tr>
<td>Viner</td>
<td>116</td>
</tr>
<tr>
<td>Viner, E.</td>
<td>540</td>
</tr>
<tr>
<td>Visbagh, Pieter</td>
<td>491</td>
</tr>
<tr>
<td>Vulliamy, Justin</td>
<td>601</td>
</tr>
<tr>
<td>Wainwright, John</td>
<td>633</td>
</tr>
<tr>
<td>Ward, Benjamin</td>
<td>495</td>
</tr>
<tr>
<td>Ward, William</td>
<td>231</td>
</tr>
<tr>
<td>Watson, Samuel</td>
<td>256</td>
</tr>
<tr>
<td>Watts, Brouncker</td>
<td>260, 603</td>
</tr>
<tr>
<td>Watts, J.</td>
<td>354</td>
</tr>
<tr>
<td>Way, J.</td>
<td>574, 702, 708</td>
</tr>
<tr>
<td>Webster, William</td>
<td>153, 746</td>
</tr>
<tr>
<td>Weeks</td>
<td>864</td>
</tr>
<tr>
<td>West, William</td>
<td>596</td>
</tr>
<tr>
<td>Westoby, John</td>
<td>866</td>
</tr>
<tr>
<td>Whitehurst &amp; Son</td>
<td>879</td>
</tr>
<tr>
<td>Whitelaw, J.</td>
<td>566</td>
</tr>
<tr>
<td>Wichell, Sam</td>
<td>599</td>
</tr>
<tr>
<td>Williams, William</td>
<td>233</td>
</tr>
<tr>
<td>Williamson</td>
<td>242</td>
</tr>
<tr>
<td>Williamson, John</td>
<td>863</td>
</tr>
<tr>
<td>Williamson, Robert</td>
<td>146</td>
</tr>
<tr>
<td>Wilson, J.</td>
<td>702</td>
</tr>
<tr>
<td>Windmills, Joseph</td>
<td>632</td>
</tr>
<tr>
<td>Windmills, Joseph &amp; Thomas</td>
<td>716</td>
</tr>
<tr>
<td>Windmills, Thomas</td>
<td>597</td>
</tr>
<tr>
<td>Wise, John</td>
<td>9, 243</td>
</tr>
<tr>
<td>Wray</td>
<td>490</td>
</tr>
<tr>
<td>Wright, T</td>
<td>785, 815</td>
</tr>
<tr>
<td>Yates, Samuel</td>
<td>563</td>
</tr>
<tr>
<td>Yates, Thomas</td>
<td>317, 472</td>
</tr>
<tr>
<td>Zamboni, Guiseppe</td>
<td>524</td>
</tr>
</tbody>
</table>
OFFICERS AND MEMBERS OF THE COUNCIL AND COMMITTEES

SEPTEMBER, 1976

PRESIDENT: THE RT. HON. THE LORD HARRIS
VICE-PRESIDENTS: C. CLUTTON COLONEL H. QUILL
CHAIRMAN: C. B. DROVER
VICE-CHAIRMAN: DR. F. A. B. WARD
SECRETARY: COMMANDER G. CLARKE

TECHNICAL ENQUIRY OFFICER: J. H. F. WADSWORTH
DEPUTY SECRETARY: E. P. WILSON

EDITOR Antiquarian Horology: T. O. ROBINSON
ADVERTISING AGENT: J. ARTHUR COOK

COUNCIL

C. K. AKED (Chairman Publications Committee), C. D. BELCHER, E. F. BUNT (Librarian),
P. G. DAWSON, G. HEYWOOD (Northern Section Representative), H. D. HOWSE, M. G. HURST,
B. HUTCHINSON, R. J. LAW, D. F. NETTELL, E. W. TAYLOR.

LIBRARY COMMITTEE

CHAIRMAN: E. F. BUNT, C. K. AKED, E.J. TYLER

PUBLICATIONS COMMITTEE


AMERICAN SECTION

PRESIDENT AND SECRETARY: G. C. KENNY II, TREASURER M. RIMLER, LONDON LIASON OFFICER: W. C. BOPP

IRISH SECTION

CHAIRMAN: C. HEALEY, HON SECRETARY AND TREASURER: W. G. STUART

NORTHERN SECTION

CHAIRMAN: J. B. POLDING, HON. SECRETARY: N. HARVEY, HON. TREASURER: R. GRAINGER

CLOCKS RESTORATION GROUP

CHAIRMAN: C. K. AKED, HON. SECRETARY: E. W. TAYLOR, HON. TREASURER: J. TAYLOR

ELECTRICAL HOROLOGY GROUP

CHAIRMAN: F. G. SHENTON, HON. SECRETARY: A. MITCHELL, HON. TREASURER: E. LLOYD THOMAS

TURRET CLOCK GROUP

CHAIRMAN: T. O. ROBINSON, HON. SECRETARY: D. F. NETTELL, HON. TREASURER: C. G. MCKAY

NEW HOUSE, HIGH STREET, TICEBURST, WADHURST,
SUSSEX, TN5 7AL. TEL. 0580 200155
ANTiquarian Horology

And the Proceedings of

The Antiquarian Horological Society

Volume X

December 1976 to July 1978

The Antiquarian Horological Society
London
MCMLXXIX

Pagination of the Journal

<table>
<thead>
<tr>
<th>Issue No.</th>
<th>Published</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>WINTER 1976</td>
<td>1-132</td>
</tr>
<tr>
<td>TWO</td>
<td>SPRING 1977</td>
<td>133-260</td>
</tr>
<tr>
<td>THREE</td>
<td>SUMMER 1977</td>
<td>261-396</td>
</tr>
<tr>
<td>FOUR</td>
<td>AUTUMN 1977</td>
<td>397-520</td>
</tr>
<tr>
<td>FIVE</td>
<td>WINTER 1977</td>
<td>521-652</td>
</tr>
<tr>
<td>SIX</td>
<td>SPRING 1978</td>
<td>653-776</td>
</tr>
<tr>
<td>SEVEN</td>
<td>SUMMER 1978</td>
<td>777-896</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>897-903</td>
</tr>
</tbody>
</table>
Antiquarian Horology Volume 10 Reindexed

A
A & G, ebauche mark 743
AB. see Baume & Co.
Abbot, Francis 843, 846
abaton's clock 843, 846
workbook of 843
Abbott, W. J. Lewis 433
Abeler, Jürgen, Meister der Uhrmacherkunst, reviewed 735
Act of Parliament, 1777 318
Act of Parliament clock, see Tavern clock
Adam, Joseph dial maker 58
Adams, George, senior 305
Addison, civil engineer 709
Admiral's Clock, The, by Derek Howse 164–172
Aerial Transit Company 710
Ahrens, G., The Chamberlain File, (letter) 103
Airy, Sir George Biddell, Astronomer Royal 1847
anonymous letter to 600
auxiliary temperature compensation 144
commissions Dent clock 597
escapement 599, 730
escapement equations 688–697
Aked, Charles K.
The Ambassadors 70–77
book review 851, 857
A Clerkenwell Tour, report 340–346
The Fusee (letter) 746–747
Horological Books, lecture 92
Jeanne Viellard's Catalan Clocks and Clock Makers, translation of 722–727
alarm
Jones, Henry, bracket clock 518
portable, various 364–365
Thornton, Henry, horizontal table clock 526–528
Windmills of London, lantern clock 351, 646
alarm clock
Dunlop, Conyers, wall clock 797
Japanese copy of German 343
Jones, Henry, bracket clock 518
Moreland, Thomas, no. 195 100–101
portable, various 364–365
Tegelberg, Johannes 815
Thornton, Henry, horizontal table clock 526–528
Tompson, Thomas, no. 23 815
Windmills of London, lantern clock 351, 646
Alarm Clocks, Portable, letter from Brian Pearson 364–365
Alfonso the Wise 725
Alford, J. regulator 351
Alford of Brighton regulator 403
Allam, William longcase clock 350
Allan, Sir William 174
Allan, Sir William, RA, PRSA, The Highlander's Return 188
Allan, William longcase clock 450
Ambassadors, The by Charles K. Aked 70–77
American Longcase Clocks as Furniture, lecture by Professor Charles Montgomery 858
American Railroad Watches, by George E. Townsend, reviewed 852
ANCAHA visit to London 339
Ancaster, Earl of 4
Anchor Conversions, letter from John Orange 618
Anderson. see Russell & Anderson
Anderson, James longcase clock 319, 453
Anderson, James, longcase clock 64
Anderson, N. longcase clock 320
Angwin, Peter, Painted Dials (letter) 620
anti-theft device for watches, letter from S.C. Davidson 99
Antiquarian Horological Society
American Section, Meeting December 1976, report, new members 94
Annual General Meeting, 1977 615
meeting March 1977, report 355
Winter meeting, 1977 615
Annual General Meeting 1976 90
Annual General Meeting, 1977 339
Australia convention 1977 95
Electrical Section
Annual General Meeting 1976 91
Annual General Meeting, 1977 736
Northern Section
Visit to British Museum, 1976 92
Restoration Group
Annual General Meeting, 1978 737
new members
Winter 1976 60
Tour 1978 438
Antiquarian Horological Society, American Section 1976 December report, new members 94
Antiquarian Horological Society, Electrical Horology Group
Annual General Meeting 1976 91
Antiquarian Horological Society, Northern Section
Visit to British Museum, 1976 92
Antiquarian Horology, Vol. I, Percy Dawson (ed), reviewed 610
Antrobus, Phillip 490
Antwiler, Prof. H.J., The Timekeepers of Counsellor Hüsgen 589–594
Apian, Peter globe depicted in The Ambassadors 73, 74
Appleton, Henry
marine chronometer no. 195 598
regulator 860
Appley, Edmund, bracket clock 848
Apps, Robert longcase clock 667
Arago 699
Archer, Henry
horizontal table clock 90, 204
table clock 611
armorial bearings
Dundonald 329
Arnold. see also Arnold & Dent
Arnold & Dent
carriage clock 655
end of partnership 598
marine chronometer no. 700 & 701 598
marine chronometer no. 966 144
marine chronometers on trial 597
Arnold & Dent, continued, regulator 289
Arnold, John & Son, John pocket chronometer no. 1/1001 585
Arnold, John 585
pocket chronometer, Clockmakers' Company 90
ring-watch 36, 306
Arnold, John Roger 596
chronometer balance 'U' type 585
marine chronometer no. 545 132
marine chronometer no. 602 732
watch no. 3265 (stolen) 732
Arnold of London 585
watch no. 3071 585
Arundel House 562
Arundell, John, name as chapters on dial 780
AS. see Stram, Alfred
Ashburnham, iron industry 428
Ashton, Thomas longcase clock, musical 730
Aske, Henry lantern clock 351
Aspinwall, Samuel, watchmaker 32
Aspinwall, Thomas, watchmaker 32
Asselin of London bracket clock (stolen) 732
astrolabe
Honig, Peter 860
made for Infante Jean of Catalonia 724
astrolabe- pendant Bell, Geoffrey 538
Astrolobe, The Planispheric, reviewed 734
Astrolabes, lecture by E.L. Edwardes 611
astronomer's clock
Abbot, Francis 843
astronomical clock
Behaim, Casper 615
Finney, Joseph 34
Finney, Joseph, John Sandforth's 297–299
Kinzing of Neuwied 589–594
Mayr, Georg, table clock 777, 813
Metzger, Jeremias, table clock 814
Pfeffenhauser, Wilhelm 660
astronomical watch
book form 616
AT. see Toussaint, Augustine
Atkins, Daniel 826
Atlas. see also Hercules and Atlas
Atlas 806
atomic clock 356
Atwood, Seth, The Development of the Pendulum, lecture 614
Atwood, William longcase clock 373
Aubert & Klaftenburger carriage clock 848
Aubrey, John, Brief Lives 557
Auction Prices, letter from R. Binning 97
Auguste of Paris carriage clock 146
Authers, W.P.. see Ponsford, Scott & Authers
automaton
anonymous, singing bird clock 504, 810
anonymous, with silver dog 525
Perigal of London, bracket clock 544
rocking ship longcase clock 60
Ayessa, Ferdinand d' 724
Bacon, D.H., William Wall of Wandsworth (letter) 739
Baffert of Paris, mantel clock 804
Baillie, G.H., Clocks and Watches, An Historic Bibliography, 1951 reprint reviewed 851
Baillon, Albert, bracket clock (stolen) 827
Bain, Alexander electric regulator 206
Baker. see Wilkes & Baker
Baker, Edward marine chronometer nos. 986 & 832 598
Baker, Pointer, longcase clock 629
Baker, Richard longcase clock 785
Baker, S.M., John Sweetman Eiffe (letter) 359
Baker, Thomas longcase clock 720
balance
Bliss & Creighton, compensation 444
Middle temperature error 597
balance cock York Castle Museum 360
balance cock maker, SS 313
balance, compensation
Airy's bar 144
Arnold, John Roger, 'U' 596
balance-spring, electro-plating of 599
Balance Spring, Treatise on, by Edouard Phillips, English translation reviewed 857
Baldewein, Eberhard roller bearing 357
Baltazar of Paris, mantel clock 805
Baltazard of Paris mantel clock (stolen) 352
Bamber, John 33
Bamford, Arthur, watch-case maker 345
Bar, Yolande De 722, 724
Barber, Cattle & North, bracket clock, no. 8311 834
Barcelona Cathedral, turret clock 723–724
Barclay, T. longcase clock 320
Barendtsz, Willem 43
Barker, David, Clocks at Temple Newsam House and Lotherton Hall 828–834
Barker, William, clockmaker 296
Barlow, William watch 489
Barnes, Nath. (aniel) musical clock 478
Barnett, John, bracket clock 469
barometer. see also weather clock
anonymous, angle type 659
anonymous, mahogany case 161
Blunt, Thomas 795
Dent aneroid 600
Finney, Joseph 36, 303
Orme, Charles 872
Quare, Daniel (replica) 799
Smith, James 794
Sullivan of London 730
Watkins & Smith 414
Whitehurst of Derby 531
Barraud of Haworth, clock 743
Barraud of Haworth, longcase clock 619
Barraud & Lund
British Watch and Clockmaking Company carriage clock 468
carriage clock no. 1794 796
Barraud & Lunds watch no. 5/S 6625 316
Barraud of London
marine chronometer no. 2/943 626(V10)
marine chronometer no. 2190 99(V10)
marine chronometer no. 2796 585(V10)
regulator 792(V10)
Barrauds of London longcase clock, dead-beat escapement 351(V10)
Barrels, multiple mainspring 599(V10)
Barret, John 728(V10)
Barrett, Thomas, clockmaker 46(V10)
Barri, Nacan del 725(V10)
Barrow, Nathaniel longcase clock 872(V10)
Barthomeu of Castre 724(V10)
Barwise, John(V10)
British Watch and Clockmaking Company 709, 710(V10)
Barwise of London(V10)
mantel clock 654(V10)
regulator 872(V10)
Baskett, Martin & Company(V10)
British Watch and Clockmaking Company 709(V10)
Bateman, D.A., Q and Resonance (letter) 97(V10)
Bates, Keith, Deodatus Threlkeld (letter) 365(V10)
Battleel Abbey, clock 43(V10)
Baugham of Charlbury, turret clock 872(V10)
Baume & Co., watch case makers 345(V10)
Baute, J.F. & Co., carriage clock 468(V10)
Bawdyson, Alan, clockmaker 42, 44(V10)
Baxter, see Grimshaw, Baxter & Elliott(V10)
Bayley, John, watch 780(V10)
Beacock, see Robinson & Beacock(V10)
Bears, Peter 360(V10)
Beatson, Thos., London, letter from Kenneth Moberly 743(V10)
Beauvau, Prince de, Breguet customer 491(V10)
Beeching & Emell watch 429(V10)
Beeching/Ashburnham: A Georgian Dial with Edwardian Scenic Engraving by John Combridge 428–438(V10)
Beeching, clockmakers of East Sussex 428(V10)
Beeching, Coleman 48(V10)
Beeching, Thomas 46, 48(V10)
Beeckman, Isaac 614(V10)
Beesley of Clerkenwell, hand makers 342(V10)
Beeson, C.F.C., English Church Clocks, reviewed 852(V10)
Before and After, by Cecil Clutton 606–608(V10)
Behaim, Casper astronomical clock 615(V10)
Belby & Hawthorne dial maker 319(V10)
Belcher, Admiral Sir E. 99(V10)
Bell, see Russell & Bell(V10)
Bell & Meudell dial maker 319(V10)
Bell & Meudell, dial makers 56, 58(V10)
Bell & Meudell of Edinburgh, dial makers 174(V10)
Bell, Geoffrey(V10)
armillary 509(V10)
armillary sphere 509(V10)
astrolabe pendant 538(V10)
magnetic clock 761(V10)
Bell, John, mantel clock 665(V10)
Bell, Peter dial maker 319(V10)
Bell, Peter, dial maker 174(V10)
Benedict, Henry 485(V10)
Bennett, G.W. V10
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gurney's Brachygraphy (letter)</td>
<td>365</td>
</tr>
<tr>
<td>Watch by William Webber (letter)</td>
<td>363</td>
</tr>
<tr>
<td>Bennett, J.A. Sidereal Clock (letter)</td>
<td>486</td>
</tr>
<tr>
<td>Bennett, Mansell longcase clock</td>
<td>622</td>
</tr>
<tr>
<td>Benson, Arthur</td>
<td>360</td>
</tr>
<tr>
<td>Benson, John, of London, letter from David Davies-Cooke</td>
<td>621–622</td>
</tr>
<tr>
<td>Benson, J.W. repairs to Rye church clock</td>
<td>49</td>
</tr>
<tr>
<td>Benson, J.W., watch-case maker</td>
<td>345</td>
</tr>
<tr>
<td>Bentley Electric clock, earth battery</td>
<td>209</td>
</tr>
<tr>
<td>Bentley, Thomas</td>
<td>37</td>
</tr>
<tr>
<td>Berger, William E., brief biography</td>
<td>94</td>
</tr>
<tr>
<td>Berman, G., Thwaites Clock at the Horseguards</td>
<td>90</td>
</tr>
<tr>
<td>Beroald, François</td>
<td>614</td>
</tr>
<tr>
<td>Berry, Duc De</td>
<td>722</td>
</tr>
<tr>
<td>Bertele, Prof. Hans von</td>
<td>189–196</td>
</tr>
<tr>
<td>The Earliest Turret Clock</td>
<td></td>
</tr>
<tr>
<td>erratum note</td>
<td>350</td>
</tr>
<tr>
<td>Berthoud, Louis, Henri Motel working for his widow</td>
<td>491</td>
</tr>
<tr>
<td>Berthoud of Paris carriage clock</td>
<td>468</td>
</tr>
<tr>
<td>Bethune. see Wright &amp; Bethune</td>
<td></td>
</tr>
<tr>
<td>Beujon, Nicholas</td>
<td>70</td>
</tr>
<tr>
<td>Beveridge, Robert, longcase clock</td>
<td>319</td>
</tr>
<tr>
<td>Big Ben. see also Westminster Clock</td>
<td>861</td>
</tr>
<tr>
<td>Big Ben Disaster, lecture by Mr., Vernon</td>
<td></td>
</tr>
<tr>
<td>Bigger, Gilbert, bracket clock</td>
<td>848</td>
</tr>
<tr>
<td>Bigger, Gilbert, bracket clock (stolen)</td>
<td>826</td>
</tr>
<tr>
<td>Billard, Lewis, second Rye Church Clock</td>
<td>42–43</td>
</tr>
<tr>
<td>Binning, R. Auction Prices (letter)</td>
<td>97</td>
</tr>
<tr>
<td>Binning, Rex, Ninyon Wilmshurst, Brighthelmstone (letter)</td>
<td>737</td>
</tr>
<tr>
<td>Birchall of Nantwich, longcase clock</td>
<td>798</td>
</tr>
<tr>
<td>Birchall, Thomas</td>
<td>826</td>
</tr>
<tr>
<td>Bird, Edward, longcase clock</td>
<td>673</td>
</tr>
<tr>
<td>Birtwhistle, Harrison,</td>
<td>491</td>
</tr>
<tr>
<td>Chronometer</td>
<td></td>
</tr>
<tr>
<td>Triumph of Time</td>
<td>491</td>
</tr>
<tr>
<td>Black, Alex., longcase clock</td>
<td>319</td>
</tr>
<tr>
<td>Black, Alexander, longcase clock</td>
<td>180</td>
</tr>
<tr>
<td>Black Forest clock</td>
<td>351</td>
</tr>
<tr>
<td>anonymous, longcase clock</td>
<td></td>
</tr>
<tr>
<td>Spiegelhalter</td>
<td>100</td>
</tr>
<tr>
<td>Black, J. &amp; T., longcase clock</td>
<td>319, 328</td>
</tr>
<tr>
<td>Black, James,</td>
<td></td>
</tr>
<tr>
<td>longcase clock</td>
<td>319</td>
</tr>
<tr>
<td>skeleton clock</td>
<td>141</td>
</tr>
<tr>
<td>Black, Thomas, skeleton clock</td>
<td>140</td>
</tr>
<tr>
<td>Blake, Maurice, Dedrick Smith, Hardy's Escapement, (letter)</td>
<td>96</td>
</tr>
<tr>
<td>Blakemore, Kenneth, The Retail Jewellers' Guide, reviewed</td>
<td>475</td>
</tr>
<tr>
<td>Blan, Thomas, London, letter from Ronald G. Holder</td>
<td>738</td>
</tr>
<tr>
<td>Bliss &amp; Creighton</td>
<td></td>
</tr>
<tr>
<td>chronometer patent</td>
<td>439–446</td>
</tr>
<tr>
<td>marine chronometer no. 1227</td>
<td>397, 440</td>
</tr>
<tr>
<td>Bloomer, Samuel</td>
<td>826</td>
</tr>
<tr>
<td>Blunt, Thomas, barometer</td>
<td>795</td>
</tr>
<tr>
<td>Bobinet Ltd., An Exhibition of English Pocket Chronometers reviewed</td>
<td>474–475</td>
</tr>
<tr>
<td>Body, Henry, longcase clock</td>
<td>623, 743</td>
</tr>
<tr>
<td>Body, Obadiah, longcase clock</td>
<td>623, 743</td>
</tr>
<tr>
<td>Bollen, Tom, Comtoiseklokken, reviewed</td>
<td>849</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Bolviller of Paris, carriage clock 469V10
book review V10
  Distin & Bishop, The American Clock 349V10
  Gimpel, Jean, The Medieval Machine: The Industrial Revolution of the Middle Ages 349V10
  Haswell, J. Eric, Horology 349V10
  Maurice, Klaus, Die Deutscher Räderuhr 349V10
  Shenton, Rita, Christopher Pinchbeck and his Family 349V10
Bopp, William, report 95V10
Boucheret of Paris, Longcase clock 668V10
Boulle, André Charles, pedestal clock case 806V10
Boulton & Watt 736V10
Boulton, Matthew 37V10
Bourke, Henry 49V10
Bowell, George BennettV10
  biographical notes 91V10
  Synchronome clock 208V10
Bowerbank, William, dial silverer and lacquerer 346V10
bracket clock ? V10
Borraclough of Haworth 743V10
bracket clockV10
  anonymous, Chinese 890V10
  anonymous, French 775V10
  anonymous, German (stolen) 604V10
  anonymous, Neptune and Chariot (stolen) 826V10
  anonymous, Russian (stolen) 604V10
  Appley, Edmund 848V10
  Asselin of London (stolen) 732V10
  Baillon, Albert (stolen) 827V10
  Barber, Cattle & North, no. 8311 834V10
  Barnett, John 469V10
  Bigger, Gilbert 848V10
  Bigger, Gilbert (stolen) 826V10
  Bradley, Langley 469V10
  Bradley, Langley (stolen) 205V10
  Bryant & Son (stolen) 352V10
  Cam, William (stolen) 826V10
  Ceulen, Johannes van 416V10
  Chambley, John 151V10
  Cockey, Edward, snr. 363V10
  Coleman of (London ?) 8V10
  Condliff of Liverpool 405V10
  Cowper, James 848V10
  Cox, James, Ashmolean Museum 485V10
  Cozens, William 682V10
  De Lorme of Paris 24V10
  Delander, Daniel 680V10
  Delander, Daniel, burr-walnut case 848V10
  Drury, John 137V10
  Du Hamel, Isaac 548V10
  Dunno, Ant.(hony) 848V10
  Dutton, Matthew, no. 308 12V10
  East, Edward 546–547V10
  East, Edward, silver-mounted 674–675V10
  Ellicott, John 515V10
    burr walnut case 788V10
    ebonised case 289V10
  Ellicott, John, jnr.V10
three train ebonised 142
Ellicott of London 142, 514
Ellicott of London, gilt-metal case 848
Elliott of Croydon (stolen) 604
Etherington, George, Ashmolean Museum 485
Fish, Henry (stolen) 476
Fromanteel, A. of Newcastle 815
Fromanteel, Ahasuerus 560, 567
    cupola top 550
Ganthony, Richard (stolen) 205
Garon, Peter, tortoise-shell case 848
Glover, W. 815
Goode, Charles (stolen) 491
Goode, Charles, (stolen) 604
bracket clock, continued, V10
Goubert, Jaqcobus, timepiece 24
Gould, Christopher 403
Grant of London, balloon case 492
Gravell & Tolkein, no. 798 399
Green, Jos. 815
Gregory, Jeremy 409
Gretton, Charles, basket top 10
Gretton, Charles (stolen) 476
Hall, John 871
Hallier of London (stolen) 205
Hallifax, John 469, 769
Harris, John 417
Harris, John, ebony case 468
Holmes, John 469
Hunter, Thomas 469
Janvier of Paris 848
Jersey, Francis 848
Jones, Henry, ebony veneered case 802
Jones, Henry, movement 419
Jones, Henry, with alarm 518
Kipling, William 534
Knibb, Joseph, three train (stolen) 491
Knight, Michael 782
Lany, David 420
Latham, John 410–411
Lauthier of Bath 150
Lawson, Richard 763
Lazenby, William 815
Lenoir of Paris (stolen) 491
Leroux, John, ebony case 468
Lowndes, Jonathan 24
McCabe, James 487
Macé of Paris 645
Markwick Markham musical 478
Markwick, Markham, Perigal (stolen) 827
Marriott (stolen) 352
Martinot, Balthazar 419
Martyn, J.N., musical 848
Masson of Paris 606–608
Massy, Henry, tortoise-shell case 468
Miller, John 2
Moginie of Pimlico, musical 468
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Motley, Richard 22
Norton, Eardley no.1221 779
Norton, Eardley (stolen) 732
Pain, William 815
Parson, John 763
Penton, Charles, with Dutch repeat 543
Perigal, Francis 763
musical 765
Turkish market 652
Perigal of London
Turkish market 544
Philip, Robert 861
Pluet, Arthur 815
Poy, Godfrie (stolen) 827
Preston, Clark (stolen) 604
Purser, J. (stolen) 604
Purvis of London 12
Quare, Daniel
bracket clock, continued 148
Quare, Daniel, continued 417
Richards of London 848
Robb, William 468
Salisbury & Son (stolen) 476
Scafe, William 535
Shaw, John 619
Smart of London 636
Smith, Gabriel, musical 469
Stanton, E. 861
Storr, Betty 542
Stretch, Benjamin 574
Stryp, Pierre van 469
Sykes, W.R. 103
Tarleton, William 848
Thuret, Isaac (religieuse) 469
Thwaites, A. (stolen) 826
Tompion & Banger, no. 467 776, 848
Tompion, Thomas, no. 23 815
Tompion, Thomas, no. 214 861
Tompion, Thomas, no. 260 468
Tompion, Thomas, no. 467 896
Toppin, John 469
Vick, Richard, (stolen) 205
Vulliamy, Benjamin, no. 767 670
Vulliamy of London, no. 435 402
Vulliamy of London, no. 767 815
Ward, Benjamin 511
Ward, Richard 635
Webster, Richard 815
Webster, William, ebony case 469
Webster, William, mahogany case 522
Whitehurst & Son (stolen) 205
Williamson of London 396
Windmills, Thomas, green lacquer case (stolen) 732
Wood, Robert 147
Wright, William 486
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Braddon, William</td>
<td>313</td>
</tr>
<tr>
<td>Bradford, John, lantern clock</td>
<td>730</td>
</tr>
<tr>
<td>Bradley, A.&amp; E., turret clock</td>
<td>80</td>
</tr>
<tr>
<td>Bradley, Edward, sedan clock</td>
<td>815</td>
</tr>
<tr>
<td>Bradley, Langley</td>
<td>469</td>
</tr>
<tr>
<td>Brand, Ellis</td>
<td>685</td>
</tr>
<tr>
<td>Brass, Thomas, longcase clock</td>
<td>603</td>
</tr>
<tr>
<td>Brasseur, Harry, Thomas Tompion Lantern Clock</td>
<td>360</td>
</tr>
<tr>
<td>Breckenridge, A., longcase clock</td>
<td>458</td>
</tr>
<tr>
<td>Breguet, Abraham Louis</td>
<td>491</td>
</tr>
<tr>
<td>Breguet of Paris</td>
<td>662</td>
</tr>
<tr>
<td>Breereton, Thomas</td>
<td>33</td>
</tr>
<tr>
<td>Breton Hall</td>
<td>828</td>
</tr>
<tr>
<td>Bridge, Thomas, longcase clock</td>
<td>629</td>
</tr>
<tr>
<td>Brillman &amp; Co.</td>
<td>826</td>
</tr>
<tr>
<td>Brindle &amp; Bridgeman</td>
<td>744</td>
</tr>
<tr>
<td>British Broadcasting Corporation</td>
<td>343</td>
</tr>
<tr>
<td>British Watch and Clockmaking Company</td>
<td>709</td>
</tr>
<tr>
<td>British Watch Making Company, letter from J. Manton</td>
<td>870</td>
</tr>
<tr>
<td>Brockbanks &amp; Atkins</td>
<td>710</td>
</tr>
<tr>
<td>British Watch and Clockmaking Company</td>
<td>586</td>
</tr>
<tr>
<td>Brockbank, John, watch no. 1211</td>
<td>586</td>
</tr>
<tr>
<td>Brockbanks &amp; Atkins, regulator no. 11553</td>
<td>139</td>
</tr>
<tr>
<td>Brome Hall, Tompion turret clock</td>
<td>81</td>
</tr>
<tr>
<td>Brosamer, Hans, Consulations, 1549</td>
<td>98</td>
</tr>
<tr>
<td>Brown, D.C., Abraham Perinot (letter)</td>
<td>622</td>
</tr>
<tr>
<td>Brown, James, dial maker</td>
<td>58</td>
</tr>
<tr>
<td>Brown, Joshua</td>
<td>32</td>
</tr>
<tr>
<td>Brown, Lloyd, Catherine Layne, Watchmaker (letter)</td>
<td>617</td>
</tr>
<tr>
<td>Brown, Lloyd, Taylor &amp; Dent (letter)</td>
<td>870</td>
</tr>
<tr>
<td>Brunelot, carriage clock</td>
<td>19</td>
</tr>
<tr>
<td>Brusa, Giuseppe, Antonio Simoni, obituary</td>
<td>88</td>
</tr>
<tr>
<td>Bruton, Eric, The Longcase Clock, reviewed</td>
<td>856</td>
</tr>
<tr>
<td>Bryant &amp; Son, bracket clock (stolen)</td>
<td>352</td>
</tr>
<tr>
<td>Bryce, Jemima, wife of Joseph Finney</td>
<td>34</td>
</tr>
<tr>
<td>Bryson, John, longcase clock</td>
<td>319, 320</td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>Buchan, Archibald</td>
<td>longcase clock</td>
</tr>
<tr>
<td>Buchanan, Mr.</td>
<td></td>
</tr>
<tr>
<td>Buck, John</td>
<td>lantern clock</td>
</tr>
<tr>
<td>Buckley, Peter H.</td>
<td>Lunar Gear Trains (letter)</td>
</tr>
<tr>
<td>Buckmaster, George</td>
<td>longcase clock</td>
</tr>
<tr>
<td>Bulle electric clock</td>
<td>repair tips</td>
</tr>
<tr>
<td>Bullock, Edmund</td>
<td>longcase clock</td>
</tr>
<tr>
<td>Bulova Tuning Fork Watches</td>
<td>lecture by R. Smyth</td>
</tr>
<tr>
<td>Bunbury church, turret clock</td>
<td></td>
</tr>
<tr>
<td>Bundens, Dr. Warner D.</td>
<td>Convertible Watches, lecture</td>
</tr>
<tr>
<td>Bunt, E.F.</td>
<td>book review</td>
</tr>
<tr>
<td>Burgess, Bezael,</td>
<td>clockmaker</td>
</tr>
<tr>
<td>Bürgi, Jost</td>
<td>Der Kleine Himmelsglobus 1594 von, by Leopold and Pechstein, reviewed</td>
</tr>
<tr>
<td>Burgundian clock</td>
<td>15th-Century</td>
</tr>
<tr>
<td>Burgundy, Dukes of</td>
<td></td>
</tr>
<tr>
<td>Burn, Elizabeth</td>
<td></td>
</tr>
<tr>
<td>Burnet, J.</td>
<td>dial maker</td>
</tr>
<tr>
<td>Burnham &amp; Son, clockmakers</td>
<td></td>
</tr>
<tr>
<td>Burton, James</td>
<td>longcase clock</td>
</tr>
<tr>
<td>Burwash, turret clock</td>
<td></td>
</tr>
<tr>
<td>Butler, James</td>
<td>longcase clock</td>
</tr>
<tr>
<td>Byrne, F.</td>
<td>dial maker</td>
</tr>
<tr>
<td>C</td>
<td>cabinet with clock by Thomas Weeks</td>
</tr>
<tr>
<td>Caffieri, Jacques</td>
<td>Julien Le Roy globe clock</td>
</tr>
<tr>
<td>Caird, D.</td>
<td>longcase clock</td>
</tr>
<tr>
<td>Calendar, 1978</td>
<td></td>
</tr>
<tr>
<td>Calendar, perpetual</td>
<td></td>
</tr>
<tr>
<td>Hunning, Alex, watch</td>
<td></td>
</tr>
<tr>
<td>Patek Philippe, chronograph</td>
<td></td>
</tr>
<tr>
<td>Calender, vase form</td>
<td></td>
</tr>
<tr>
<td>Calin, Jo. Piete,</td>
<td>night clock</td>
</tr>
<tr>
<td>Cam, William</td>
<td>bracket clock (stolen)</td>
</tr>
<tr>
<td>Cambridge, Trinity College</td>
<td></td>
</tr>
<tr>
<td>Camerer Cuss, T.A., book review</td>
<td></td>
</tr>
<tr>
<td>Cameron &amp; Sons, dial makers</td>
<td></td>
</tr>
<tr>
<td>Cameron, James</td>
<td>longcase clock</td>
</tr>
<tr>
<td>Campanus, Pietro, Tommaso, Night clock</td>
<td></td>
</tr>
<tr>
<td>Campbell, Charles</td>
<td>longcase clock</td>
</tr>
<tr>
<td>Canterbury Cathedral, turret clock</td>
<td></td>
</tr>
<tr>
<td>CAP. see Petterman, Charles</td>
<td></td>
</tr>
<tr>
<td>Capt, H, carriage clock, no. 22218 (stolen)</td>
<td></td>
</tr>
<tr>
<td>Carlsson, N.M., table clock, hexagonal</td>
<td></td>
</tr>
<tr>
<td>Carnarvon, Earl of</td>
<td></td>
</tr>
<tr>
<td>Carpenter, Joseph</td>
<td>watch-case maker</td>
</tr>
<tr>
<td>Carpenter, Thomas, W, watch case Mmaker</td>
<td></td>
</tr>
<tr>
<td>carriage clock, see also Travelling clock</td>
<td></td>
</tr>
<tr>
<td>anonymous, 5-minute repeating</td>
<td></td>
</tr>
<tr>
<td>anonymous, ‘Anglais-riche’ case</td>
<td></td>
</tr>
<tr>
<td>anonymous, French</td>
<td></td>
</tr>
<tr>
<td>anonymous, oval case</td>
<td></td>
</tr>
<tr>
<td>anonymous (stolen)</td>
<td></td>
</tr>
<tr>
<td>Arnold &amp; Dent</td>
<td></td>
</tr>
<tr>
<td>Aubert &amp; Klaftenburger</td>
<td></td>
</tr>
<tr>
<td>Auguste of Paris</td>
<td></td>
</tr>
<tr>
<td>Barraud &amp; Lund</td>
<td></td>
</tr>
<tr>
<td>Barraud &amp; Lund, no. 1794</td>
<td></td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Bautte, J.F. & Co. 468
Berthoud of Paris 468
Bolvillier of Paris 469
Brunelot 19
Capt, H. no. 22218 (stolen) 826
Cole, J.F. & T., no. x (hump-back) 790
Dent of London 22
Descourt of Paris 872
Drocourt, giant (stolen) 476
Drocourt of Paris 848
Fallon (élève de Breguet) 469
Funnell, Edward 468
Garnier of Paris 769
Garnier, Paul 533
Various group of 155
Jump of London 848
Jump of London, (hump-back) 848
Kullberg, Victor 198
Le Roy of Paris (stolen) 354
McCabe, James 469
McCabe, James, no. 3352 119
Smith, E. & W. 469
Soldano, no. 274/2072 (stolen) 476
Stevenard of Boulogne sur Mer (stolen) 732
various group 16
Viner of London 655
Vulliamy of London 848
Webster, William (stolen) 826
White, Edward, no. 756 413
cartel clock. see wall clock
Carter, John 710
British Watch and Clockmaking Company 597
marine chronometer 598
case maker. see also watch-case maker 826
Bouillé, André Charles 806
Caffieri, Jacques 806
Clifton 567
Cochois, C. M. 805
Hill, Mr. 864
Latz, I. P. 807–808
Casino Maltese, letter from F.E. Critien 737
Catalan Clocks and Clock Makers by Jeanne Veillard 722–727
Causard of Paris, mantel clock, garniture 469
Cavendish, Mr. 166
Cawley, Robert, longcase clock 93
CBH, watch-case maker 743
Cetti & Co. 826
Ceulen, Johannes van, bracket clock 416
travelling clock 848
CH. see Harrold, Charles
CH, watch-case maker 585
chamber clock 27
Anonymous, French, Gothic 355
early English 724
Chambley, John, bracket clock 151
Champion of Walworth, mantel clock (stolen) 826
Chandler, Bruce, brief biography 94
Chapiro, A. & Landes, D., *Yes Henri Motel indeed Worked for Breguet* (letter) 491
Charles IV of Spain, watch belonging to 894
Charles VII 726
chatelaine
Emery, Josiah, watch no. 660 140
in York Castle Museum 360
Cheesbrough, Aaron, longcase clock 350
Chester Clocks and Clock-Makers, Nicholas Moore, reviewed 87
Chester, St. Peters church, turret clock 93
Chesterfield House 806
Childrey, Oxon, turret clock, 79
chimes
Leicester, St. Martin's church 728
Market Harborough 728
Melton Mowbray 728
Peterborough, St. John's church 728
Reading, St. Laurence's church 728
Stamford, St. Mary's church 728
Wellingborough 728
Chimes, A Tuneable Set of, by J.R. Nichols 728–730
Chinese bracket clock 890
Chinese market
anonymous Swiss watches 392
chronograph, marine
Loseby, E.T., no. 122 626
chronograph, pocket
Patek Philippe 506
S. Smith & Son, illustration 541
Vacheron & Constantin (stolen) 352
chronograph watch
Dent of London 769
chronometer
Webber, William, no. 17928 363
Chromometer, by Harrison Birtwhistle 491
Chromometer, Hydrostatic, by Sigismund Rentsch 699
chronometer maker
Isaac, H.P. 345
Mercer, Thomas 345
Poole, J.W. 345
chronometer, marine
American makers 439
Appleton, Henry, no 195 598
Arnold & Dent no. 966 144
Arnold & Dent, nos. 700 & 701 598
Arnold, John Roger, no. 132 132
Arnold, John Roger, no. 545 585
Baker, Edward, nos. 986 & 832 598
chronometer, marine, continued
Barraud of London 585
Barraud of London, no. 2/943 626
Barraud of London, no. 2190 99
Bliss & Creighton, no. 1227 397
Carter, John 597
Carter, John, nos. 144 & 158 598
Dent, Edward John, no. 114 596
Dent, Edward John, no. 1633 599
Earnshaw, Thomas, no. 610 510
Eiffe 585
Eiffe, James Sweetman, nos. 1 & 2 598
The Reliance &c 597
Emery, Josiah, no. 1 205
Frodsham, Charles, nos. 18 & 19 598
Hewitt, Thomas, nos. 495 & 521 598
Hislop, William, no. 201 598
Howells & Pennington 90
Howells & Pennington, no. 7 204
McCabe, James, no. 167 316
Mercer, Thomas 388
Mercer, Thomas, no. 3250 (stolen) 81
Molyneux, R. & H., nos. 1785 & 1834 598
Mudge, Thomas, 'Green' 130
Mudge, Thomas, No.1 717
Mudge, Thomas, No.1, 'Green' and 'Blue' 715–719
Muston, George, no. 455 598
Parkinson & Frodsham, nos. 1456 & 1682 598
Parkinson & Frodsham 769
Parkinson & Frodsham, no. 3661 3
Parkinson & Frodsham, no. 4193 658
Pennington, Pendleton and Others 134
Porthouse, Thomas, no. 6373 598
Tobias, Morris, no. 479 585
chronometer, pocket
Arnold & Son, no. 1/1001 585
Arnold, John, earliest pivotted detent 90
Dent, Edward John, no.1 596
Earnshaw, Thomas, no. 582/3025 18
Kendall, Larcum, Clockmakers' Company 90
Chronometers, Account of Improvements in, by James Sweetman Eiffe, reviewed 854
Chumbley. see Chambley
Churchwardens' accounts, Rye church 50–54
Clarenden House 563
Clark. see Russell & Clark
Clarke. see Russell & Clarke
Clarke, William, watch no. 1793 620
Claye, Robert 728
Claypole, John 556
Clayton, Rev. Nicholas 38
Cleaver of Coventry, watch repair 360
Clement. see Harris, Clement & Company
Clement, Francis, London, letter from Paul Lavoie 866
Clement, William
longcase clock, ebonised case 351
turret clock, Kings College Cambridge 81
Clerkenwell, Tour of, Fifty Years Ago, by T.E. White 340–346
Clifton, clock case maker 567
Clock and Watch Makers in Wales, Iorweth C. Peate, reviewed 87
Clock/barometer, Holmdey, George 794
Clock Mending, lecture by Daniel Parkes 858
Clock Symphony, Haydn, Joseph 491
Clockmakers' Company, watch by James Gregory 36
Clocks and Clockmakers of Tiverton, by Ponsford, Scott & Authers, reviewed 733
Clocks, Their Working and Maintenance, reviewed 734–735
Clocks, Their Working and Maintenance, reviewed 851
Closon, Peter, lantern clock 289, 357, 730
Clutton, Cecil, Before and After 606–608
Clutton, Cecil, book review 471–472, 855
Clutton, Cecil, The Collection of the Worshipful Company of Clockmakers, lecture 90
Clutton, Cecil, The Collections of The Worshipful Company of Clockmakers Displayed at the City of London Guildhall 197–205
coach-watch
Martineau, Joseph, snr. 585
Mayer, Jac. 889
Coates, Andrew, dial maker 58
Cochois, C.M., case maker 805
Cochrane, Thomas 329
Cock, John, watch 157
Cockey, Edward, longcase clock 286
Cockey, Edward, jnr., watch 363
Cockey, Edward, snr., bracket clock 363
Cole, Benjamin 305
Cole, J.F. & T., carriage clock, no. x (hump-back) 790
Cole, John, longcase clock 623
Cole, R.S., British Watch and Clockmaking Company 709
Cole, Thomas, table regulator 669
Coleman, Elizabeth 48
Coleman of (London ?), Bracket clock, ebony veneered collection
Felix, David 861
Garvan Collection 858
Kellenberger 102
Collier, John, longcase clock 629
Collinson, Howard Arthur, OBE, donation to the Clockmakers' Company 198
Coltman, William 865
Colvin, Sir Sidney 70
Comber, Richard, longcase clock 623
Combridge, J.H., book review 348–349
Combridge, John, Beeching/Ashburnham: A Georgian Dial with Edwardian Scenic Engraving 428–438
Comes, Simon 724
Comtesse, Louis, watch-case maker 310
ComtoiseKlokken, by Tom Bollen, reviewed 849
Condliff, James, skeleton clock 848
Condliff of Liverpool, bracket clock 405
Condliffe, J., longcase clock 620
Constable, William 305
Consulations, 1549, letter from Charles H. Schwartz 98
Continental Clock, letter from Dermot P. Johnson 868
Convertible Watches, lecture by Dr. Warner D. Bundens 356
Cook, Harry 686
Cook, Joseph, turret clock 81
Copper mine 102
Corbishley, Barry, William Wright Timepiece (letter) 486
Cort, Henry 79
Coster, Salomon, early pendulum clock, Atwood collection 614
Coteau, Jean, dial by 663
Cotton, George & Son, mainspring makers 344
Couch, Mr., dealer in precious stones 341

Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006
Could it Have Been Wren, by Larry L. Fabian | 550–570
Country Clocks and their London Origins, Brian Loomes, reviewed | 86
Couper, Andrew, dial maker | 58
Courvoisier & Frères, watch | 585
Courvoisier, August & Co., watch with tourbillon | 800
Coventry, Watchmaking in by Peter Searby | 465–468
Cowan, James, longcase clock | 181
Cowan, William, longcase clock | 319
Cowper, James, bracket clock | 848
Cox, James, bracket clock, Ashmolean Museum | 485
Cox, Mr., of Clerkenwell, watch repairer | 342
Cox of Devonport | 305
Coxeter, Nicholas, lantern clock | 730
Cozens, William, bracket clock | 682
Crabtree, G. C., Robert Molyneux & Sons, William Barlow, Ashton (letter) | 488
Crabtree, Geoffrey, Gilded Dials (letter) | 487
Craig, John, Longcase clock, year-going | 287
Craig, Peter, dial maker | 58
Craig, Robert, longcase clock | 178, 319, 454
Cranbrook, turret clock | 45
Crawford, A., longcase clock | 320
Crawford, Maurice, dial maker | 58
Crecenius, Petrus, Book of Rural Occupations | 819
Cressent, Charles
- longcase clock | 807
- pedestal clock | 806
Crichton, John | 826
Crisford, Andrew, William Wall's Escapement (letter) | 866
Critien, F.E., Casino Maltese (letter) | 737
Crom, T., Horological Tools, lecture | 93
Cromwell, Elizabeth | 556
Cromwell, Oliver | 556
Cronier of Paris, longcase clock | 807–808
Croydon Clock Factory | 700
Cumming, Alexander
- longcase clock | 637
- wall clock (bracket) | 671
Cummins, Thomas
- marine chronometers no. 473 and 466 | 598
- watch no. 61/22 | 422
Cupid. see Venus and Cupid
Cupid Conquering Time | 808
Cupid Vase clock | 808
Cuss, Terence, Captain Inglefield's Watch | 586–588
Cycloidal cheeks | 357–358
Czajkowski, M.J., John Stokeld (letter) | 617
D
Daldorph, A., watch jobber | 344
Dallaway & Son, dial maker | 319, 320
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dallaway, dial false plate</td>
<td>317V10</td>
</tr>
<tr>
<td>Dallaway, dial maker</td>
<td>58V10</td>
</tr>
<tr>
<td>Dallaway of Edinburgh</td>
<td>58V10</td>
</tr>
<tr>
<td>advertisement</td>
<td>58V10</td>
</tr>
<tr>
<td>dial maker</td>
<td>173V10</td>
</tr>
<tr>
<td>japanned clock dials</td>
<td>55V10</td>
</tr>
<tr>
<td>Dalton, Joseph &amp; Co.</td>
<td>345V10</td>
</tr>
<tr>
<td>Dance, portrait artist</td>
<td>165V10</td>
</tr>
<tr>
<td>Daniels, George</td>
<td>198V10</td>
</tr>
<tr>
<td>Assistant surveyor of the Clockmakers' Company Collections</td>
<td>198V10</td>
</tr>
<tr>
<td>Dalman</td>
<td>198V10</td>
</tr>
<tr>
<td>Davy</td>
<td>79V10</td>
</tr>
<tr>
<td>Davidson, S.C. Anti-snatch Watch Protector, (letter) 99V10</td>
<td></td>
</tr>
<tr>
<td>Davies</td>
<td>438V10</td>
</tr>
<tr>
<td>Davy, S.G., Restoration of Painted Dials, lecture</td>
<td>613V10</td>
</tr>
<tr>
<td>Davis of Windsor</td>
<td>305V10</td>
</tr>
<tr>
<td>Dawson</td>
<td>428V10</td>
</tr>
<tr>
<td>Dawson, Percy (ed), Antiquarian Horology, vol. I, reviewed</td>
<td>610V10</td>
</tr>
<tr>
<td>De Bauffre</td>
<td>362V10</td>
</tr>
<tr>
<td>De Bon of Paris, clock set in a writing table</td>
<td>806V10</td>
</tr>
<tr>
<td>De Fazio, Thomas L., Notes on the Bliss &amp; Creighton Chronometer Patent</td>
<td>439–446V10</td>
</tr>
<tr>
<td>De Lorme of Paris, bracket clock 24V10</td>
<td></td>
</tr>
<tr>
<td>De Solaribus Horologis, pillar dial</td>
<td>77V10</td>
</tr>
<tr>
<td>Deacon, Samuel, longcase clock</td>
<td>492V10</td>
</tr>
<tr>
<td>Deare, John, ring watch</td>
<td>36V10</td>
</tr>
<tr>
<td>Debaufre escapement</td>
<td>1V10</td>
</tr>
<tr>
<td>watches by Joseph Finney</td>
<td>36V10</td>
</tr>
<tr>
<td>Decharmes, Simon, watch</td>
<td>585V10</td>
</tr>
<tr>
<td>Delander, Daniel V10</td>
<td></td>
</tr>
<tr>
<td>bracket clock</td>
<td>680V10</td>
</tr>
<tr>
<td>bracket clock, burr-walnut case</td>
<td>848V10</td>
</tr>
<tr>
<td>longcase clock</td>
<td>640V10</td>
</tr>
<tr>
<td>longcase clock, walnut case</td>
<td>730, 768, 884V10</td>
</tr>
<tr>
<td>longcase clock, year-going</td>
<td>386V10</td>
</tr>
<tr>
<td>Delaunce, James, longcase clock</td>
<td>730V10</td>
</tr>
<tr>
<td>Denison, Sir Edmund Beckett, Westminster clock</td>
<td>601V10</td>
</tr>
<tr>
<td>Dennison, A.C.</td>
<td>700V10</td>
</tr>
<tr>
<td>Denny, Sir Anythony, Holbien designs for</td>
<td>76V10</td>
</tr>
<tr>
<td>Dens, The length Unit, letter from A.W. Sleeswyk</td>
<td>868V10</td>
</tr>
<tr>
<td>Dent, see also Arnold &amp; Dent; Taylor and Dent V10</td>
<td></td>
</tr>
<tr>
<td>Dent, Edward John V10</td>
<td></td>
</tr>
<tr>
<td>balance, ‘staple’</td>
<td>599V10</td>
</tr>
<tr>
<td>barometer, aneroid</td>
<td>600V10</td>
</tr>
<tr>
<td>chronometer no. 114</td>
<td>596V10</td>
</tr>
<tr>
<td>chronometer, pocket, no. 1</td>
<td>596V10</td>
</tr>
<tr>
<td>diploidoscope</td>
<td>600V10</td>
</tr>
<tr>
<td>end of partnership with John Roger Arnold</td>
<td>599V10</td>
</tr>
<tr>
<td>expedition chronometers</td>
<td>596V10</td>
</tr>
<tr>
<td>expedition regulator</td>
<td>596V10</td>
</tr>
<tr>
<td>marine chronometer no. 1633</td>
<td>599V10</td>
</tr>
<tr>
<td>marine compasses</td>
<td>600V10</td>
</tr>
<tr>
<td>patent V10</td>
<td></td>
</tr>
<tr>
<td>bimetallic compensation</td>
<td>599V10</td>
</tr>
<tr>
<td>electro-plated balance spring</td>
<td>599V10</td>
</tr>
<tr>
<td>Term</td>
<td>Page(s)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>multiple barrels</td>
<td>599V10</td>
</tr>
<tr>
<td>pendulum impulse</td>
<td>599V10</td>
</tr>
<tr>
<td>varnished balance spring</td>
<td>597V10</td>
</tr>
<tr>
<td>regulators no. 1 &amp; 2</td>
<td>596V10</td>
</tr>
<tr>
<td>turret clocks</td>
<td>599, 600V10</td>
</tr>
<tr>
<td>Westminster clock</td>
<td>601V10</td>
</tr>
<tr>
<td>will of</td>
<td>602V10</td>
</tr>
<tr>
<td>Dent, Edward John by Vaudret Mercer</td>
<td>594-602V10</td>
</tr>
<tr>
<td>Dent, Elizabeth</td>
<td>602V10</td>
</tr>
<tr>
<td>Dent, Frederick</td>
<td>602V10</td>
</tr>
<tr>
<td>Dent of London</td>
<td>594-602V10</td>
</tr>
<tr>
<td>carriage timepiece</td>
<td>22V10</td>
</tr>
<tr>
<td>chronograph</td>
<td>769V10</td>
</tr>
<tr>
<td>mantel clock no. 1337</td>
<td>125V10</td>
</tr>
<tr>
<td>regulator</td>
<td>730V10</td>
</tr>
<tr>
<td>watch no. 31031 (stolen)</td>
<td>732V10</td>
</tr>
<tr>
<td>Dent, Richard</td>
<td>602V10</td>
</tr>
<tr>
<td>Derham, The Artificial Clock-maker</td>
<td>557V10</td>
</tr>
<tr>
<td>Desbois of London, mantel clock</td>
<td>654V10</td>
</tr>
<tr>
<td>Descourt of Paris, carriage clock</td>
<td>872V10</td>
</tr>
<tr>
<td>Dewe, John, longcase clock</td>
<td>774V10</td>
</tr>
<tr>
<td>Dezpla, Bernard, clockmaker</td>
<td>722, 724, 725V10</td>
</tr>
<tr>
<td>Adam &amp; Eve</td>
<td>373V10</td>
</tr>
<tr>
<td>calendar, anonymous watch</td>
<td>390V10</td>
</tr>
<tr>
<td>enamel clock</td>
<td>8V10</td>
</tr>
<tr>
<td>false plates</td>
<td>173V10</td>
</tr>
<tr>
<td>Lepine numerals</td>
<td>203V10</td>
</tr>
<tr>
<td>name as chapters</td>
<td>620V10</td>
</tr>
<tr>
<td>Bayley, John, watch</td>
<td>780V10</td>
</tr>
<tr>
<td>Scottish painted</td>
<td>55–69V10</td>
</tr>
<tr>
<td>Sidereal, Tompion, Thomas</td>
<td>486V10</td>
</tr>
<tr>
<td>sun-and-moon, Cock, John, watch</td>
<td>157V10</td>
</tr>
<tr>
<td>Beilby &amp; Hawthorne</td>
<td>319V10</td>
</tr>
<tr>
<td>Bell &amp; Meudell</td>
<td>56, 174, 319V10</td>
</tr>
<tr>
<td>Bell, Peter</td>
<td>174, 319V10</td>
</tr>
<tr>
<td>Bowerbank, William, silverer and lacquerer</td>
<td>346V10</td>
</tr>
<tr>
<td>Byrne, F.</td>
<td>56V10</td>
</tr>
<tr>
<td>Coteau, Jean</td>
<td>663V10</td>
</tr>
<tr>
<td>Dallaway &amp; Son</td>
<td>319, 320V10</td>
</tr>
<tr>
<td>Dallaway of Edinburgh</td>
<td>173V10</td>
</tr>
<tr>
<td>Finnemore</td>
<td>173V10</td>
</tr>
<tr>
<td>Finnemore of Birmingham</td>
<td>56, 319V10</td>
</tr>
<tr>
<td>Hipkiss, R.</td>
<td>319V10</td>
</tr>
<tr>
<td>list of Scottish makers</td>
<td>58V10</td>
</tr>
<tr>
<td>MacDonald, H.S.</td>
<td>320V10</td>
</tr>
<tr>
<td>Osborne</td>
<td>319V10</td>
</tr>
<tr>
<td>Osborne of Birmingham</td>
<td>56, 320V10</td>
</tr>
<tr>
<td>Owen</td>
<td>56, 173, 319V10</td>
</tr>
<tr>
<td>Paterson of Perth</td>
<td>56V10</td>
</tr>
<tr>
<td>Russell &amp; Clark of Edinburgh</td>
<td>174V10</td>
</tr>
<tr>
<td>Russell &amp; Clarke</td>
<td>56, 319V10</td>
</tr>
<tr>
<td>Russell of Edinburgh</td>
<td>319V10</td>
</tr>
<tr>
<td>Sinclair, D.</td>
<td>319, 322V10</td>
</tr>
<tr>
<td>Smith &amp; Stevenson</td>
<td>56, 319V10</td>
</tr>
<tr>
<td>Smith &amp; Stevenson of Edinburgh</td>
<td>173V10</td>
</tr>
</tbody>
</table>
### Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walker &amp; Hughes</td>
<td>320V10</td>
</tr>
<tr>
<td>Walker of Birmingham</td>
<td>56V10</td>
</tr>
<tr>
<td>Wilkes &amp; Baker</td>
<td>56, 173V10</td>
</tr>
<tr>
<td>Willis, J.T.</td>
<td>346V10</td>
</tr>
<tr>
<td>Wilson of Birmingham</td>
<td>629V10</td>
</tr>
<tr>
<td>Wright, B. &amp; Co.</td>
<td>320V10</td>
</tr>
<tr>
<td>Dials, Painted, letter form Peter Angwin</td>
<td>620V10</td>
</tr>
<tr>
<td>Dials, Scottish painted</td>
<td>317–330V10</td>
</tr>
<tr>
<td>Diana and Apollo</td>
<td>829V10</td>
</tr>
<tr>
<td>Dickenson, Mr.</td>
<td>364V10</td>
</tr>
<tr>
<td>Dickie, Andrew, longcase clock</td>
<td>351V10</td>
</tr>
<tr>
<td>Dickins, John, longcase clock</td>
<td>420V10</td>
</tr>
<tr>
<td>Die Uhren von A. Lange &amp; Sohne, Glasshütte/Sachsen, by Martin Huber, reviewed</td>
<td>474–475V10</td>
</tr>
<tr>
<td>Dinteville, Jean de</td>
<td>70–72V10</td>
</tr>
<tr>
<td>Dipleidoscope, Dent's</td>
<td>600V10</td>
</tr>
<tr>
<td>Distin &amp; Bishop, The American Clock, reviewed</td>
<td>349V10</td>
</tr>
<tr>
<td>Dixon, Jeremiah</td>
<td>165V10</td>
</tr>
<tr>
<td>Doazen ? Breguet customer</td>
<td>491V10</td>
</tr>
<tr>
<td>Dobbie, John, longcase clock</td>
<td>60, 319, 449V10</td>
</tr>
<tr>
<td>Dobson, Arlander, watch no. 1047</td>
<td>363V10</td>
</tr>
<tr>
<td>dog automaton</td>
<td>525V10</td>
</tr>
<tr>
<td>Dollond of London, equinoctial sundial</td>
<td>676V10</td>
</tr>
<tr>
<td>Dorling, Bilby, lantern clock</td>
<td>153V10</td>
</tr>
<tr>
<td>Dougal, G., longcase clock</td>
<td>319V10</td>
</tr>
<tr>
<td>Douglas, C &amp; J., longcase clock</td>
<td>319V10</td>
</tr>
<tr>
<td>Dow, James, watch-case maker</td>
<td>310V10</td>
</tr>
<tr>
<td>Drentwett, C., goldsmith, table clock</td>
<td>815V10</td>
</tr>
<tr>
<td>Drocourt V10</td>
<td></td>
</tr>
<tr>
<td>carriage clock</td>
<td>155V10</td>
</tr>
<tr>
<td>carriage clock, giant (stolen)</td>
<td>476V10</td>
</tr>
<tr>
<td>Drocourt of Paris, carriage clock</td>
<td>848V10</td>
</tr>
<tr>
<td>Drury, John, musical bracket clock</td>
<td>137V10</td>
</tr>
<tr>
<td>Drysdale, William, longcase clock</td>
<td>319V10</td>
</tr>
<tr>
<td>Drysdale, William, longcase clock</td>
<td>66V10</td>
</tr>
<tr>
<td>Du Hamel, Isaac, bracket clock</td>
<td>548V10</td>
</tr>
<tr>
<td>Duchesne, Claude, longcase clock</td>
<td>426V10</td>
</tr>
<tr>
<td>Duff, David, longcase clock</td>
<td>69, 319V10</td>
</tr>
<tr>
<td>Duff, Thomas, longcase clock</td>
<td>60, 320V10</td>
</tr>
<tr>
<td>Duley, A.J., Liechi Clocks, lecture</td>
<td>735V10</td>
</tr>
<tr>
<td>dumb repeat. see Repeat, Dumb, Dumbarton, R., portrait of John Ellicott</td>
<td>165V10</td>
</tr>
<tr>
<td>Dumbell, Josh., letter from David R. Jones</td>
<td>487V10</td>
</tr>
<tr>
<td>Dumbell of Rochdale, watch</td>
<td>687V10</td>
</tr>
<tr>
<td>Dunant of London ? watch-case maker</td>
<td>769V10</td>
</tr>
<tr>
<td>Dundenald, arms of</td>
<td>329V10</td>
</tr>
<tr>
<td>Dundenald, Earl of</td>
<td>329V10</td>
</tr>
<tr>
<td>Dunlop, Conyers, wall clock (with bracket)</td>
<td>797V10</td>
</tr>
<tr>
<td>Dunno, Ant.(hony), bracket clock</td>
<td>848V10</td>
</tr>
<tr>
<td>Dunstable Priory of the Austin Canons, turret clock</td>
<td>189V10</td>
</tr>
<tr>
<td>Dutton. see also Mudge &amp; Dutton V10</td>
<td></td>
</tr>
<tr>
<td>Dutton, Matthew, Bracket clock, no. 308</td>
<td>12V10</td>
</tr>
<tr>
<td>Dutton, William V10</td>
<td></td>
</tr>
<tr>
<td>gut-line verge</td>
<td>357V10</td>
</tr>
<tr>
<td>journeyman clock</td>
<td>134V10</td>
</tr>
<tr>
<td>musical clock</td>
<td>161V10</td>
</tr>
<tr>
<td>Dymond, Joseph</td>
<td>166V10</td>
</tr>
<tr>
<td>E</td>
<td></td>
</tr>
<tr>
<td>Early Clocks and Clock Dials, lecture by F.A.B. Ward</td>
<td>858V10</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Earnshaw, Thomas</td>
<td>709</td>
</tr>
<tr>
<td>marine chronometer no. 610</td>
<td></td>
</tr>
<tr>
<td>pocket chronometer no. 582/3025</td>
<td>18</td>
</tr>
<tr>
<td>watch no. 4583</td>
<td>585</td>
</tr>
<tr>
<td>Earnshaw, Thomas, jnr</td>
<td></td>
</tr>
<tr>
<td>British Watch and Clockmaking Company</td>
<td></td>
</tr>
<tr>
<td>East, Edward</td>
<td></td>
</tr>
<tr>
<td>bracket clock</td>
<td>546–547</td>
</tr>
<tr>
<td>bracket clock, silver-mounted</td>
<td>674–675</td>
</tr>
<tr>
<td>longcase clock, ½ seconds pendulum</td>
<td>730</td>
</tr>
<tr>
<td>longcase clock, Clockmakers’ Company Collection</td>
<td>611</td>
</tr>
<tr>
<td>watch, pre-balance spring</td>
<td>360</td>
</tr>
<tr>
<td>East, Peter</td>
<td></td>
</tr>
<tr>
<td>longcase clock</td>
<td>831</td>
</tr>
<tr>
<td>Ebauche mark</td>
<td></td>
</tr>
<tr>
<td>A &amp; G</td>
<td>743</td>
</tr>
<tr>
<td>IWC</td>
<td>312</td>
</tr>
<tr>
<td>SS</td>
<td>312</td>
</tr>
<tr>
<td>Ebsworth, John</td>
<td></td>
</tr>
<tr>
<td>longcase clock</td>
<td>24</td>
</tr>
<tr>
<td>Edgecumbe, Richard</td>
<td></td>
</tr>
<tr>
<td>Repoussé Watch Cases, lecture</td>
<td>354</td>
</tr>
<tr>
<td>Edward VI</td>
<td>42</td>
</tr>
<tr>
<td>Edwardes</td>
<td></td>
</tr>
<tr>
<td>see Hunter &amp; Edwardes</td>
<td></td>
</tr>
<tr>
<td>Edwardes, Ernest L.</td>
<td></td>
</tr>
<tr>
<td>Astrolabes, lecture</td>
<td>611</td>
</tr>
<tr>
<td>The Development of the Pendulum Clock, lecture</td>
<td>357</td>
</tr>
<tr>
<td>Edwards, C. &amp; Son</td>
<td></td>
</tr>
<tr>
<td>gut-line manufacturers</td>
<td>340</td>
</tr>
<tr>
<td>Edwards, Henry</td>
<td>826</td>
</tr>
<tr>
<td>Egerton, Lord Francis</td>
<td>710</td>
</tr>
<tr>
<td>Egter, Pieter</td>
<td>832</td>
</tr>
<tr>
<td>Eiffel, James Sweetman</td>
<td></td>
</tr>
<tr>
<td>Account of Improvements in Chronometers, reprint of 1842 edition reviewed</td>
<td>852</td>
</tr>
<tr>
<td>chronometer maker</td>
<td>597</td>
</tr>
<tr>
<td>marine chronometer no. 312/36?</td>
<td>585</td>
</tr>
<tr>
<td>marine chronometer no.1 &amp; 2</td>
<td>598</td>
</tr>
<tr>
<td>marine chronometers, The Reliance &amp;c</td>
<td>597</td>
</tr>
<tr>
<td>Eiffel, Thomas Sweetman</td>
<td>359</td>
</tr>
<tr>
<td>watch</td>
<td></td>
</tr>
<tr>
<td>Einstein</td>
<td>624</td>
</tr>
<tr>
<td>theory of relativity</td>
<td></td>
</tr>
<tr>
<td>E.K. &amp; Co. watch-case maker</td>
<td>740</td>
</tr>
<tr>
<td>Elcomb, John</td>
<td></td>
</tr>
<tr>
<td>Restoring Clocks at the Science Museum, lecture</td>
<td>613</td>
</tr>
<tr>
<td>Electric clock</td>
<td></td>
</tr>
<tr>
<td>anonymous, rolling ball</td>
<td>210</td>
</tr>
<tr>
<td>Bain Alexander</td>
<td>206</td>
</tr>
<tr>
<td>Bentley’s, earth battery</td>
<td>209</td>
</tr>
<tr>
<td>Bulle, repair tips</td>
<td>91</td>
</tr>
<tr>
<td>Meath &amp; Bowell</td>
<td>210</td>
</tr>
<tr>
<td>Shepherd, C., turret clock</td>
<td>460–463</td>
</tr>
<tr>
<td>Shepherd, Charles</td>
<td>208</td>
</tr>
<tr>
<td>Steuart (Stewart ?)</td>
<td>210</td>
</tr>
<tr>
<td>Synchronome master clock</td>
<td>207</td>
</tr>
<tr>
<td>Electric clocks, Quartz Clocks and Atomic Time, lecture by Dr. L. Essen</td>
<td>356</td>
</tr>
<tr>
<td>Electric Turret Clocks, lecture by J.E. Plaister</td>
<td>863</td>
</tr>
<tr>
<td>Electrifying Time Exhibition, by Arthur Mitchell</td>
<td>206–211</td>
</tr>
<tr>
<td>Electro-pneumatic clock</td>
<td>211</td>
</tr>
<tr>
<td>Elejabetitia, Claudio de, Watches by Spanish Makers</td>
<td>740</td>
</tr>
<tr>
<td>Elephant clock. see Table clock</td>
<td></td>
</tr>
<tr>
<td>Elgin, watch (stolen)</td>
<td>826</td>
</tr>
<tr>
<td>Elizabeth I</td>
<td>43–44</td>
</tr>
<tr>
<td>Ellicott, John</td>
<td></td>
</tr>
<tr>
<td>bracket clock</td>
<td>515</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

- bracket clock, burr walnut case 788
- bracket clock, ebonised case 289
- longcase clock, mahogany case 801
- pendulum 358
- wall clock (stolen) 732

Ellicott, John, jnr.
- bracket clock, three train ebonised 142
- compensation pendulum 171–172
- equation watch 580
- portable observatory regulator 133, 165, 168, 169, 170
- portrait 165

Ellicott of London
- bracket clock 514
- bracket clock, ebonised case 469
- bracket clock, gilt-metal case 848
- bracket clock, walnut case 142
- longcase clock, month-going 351
- pendulum 583–585

Elliott. see Grimshaw, Baxter & Elliott

Elliott of Croyden, bracket clock (stolen) 604

Eltham Lodge 562

Ely Abbey, turret clock 195

Emdell. see Beeching & Emdell

Emery, Josiah
- marine timekeeper no. 1 205
- watch in Dresden Collections 103
- watch no. 660 140

EN. see Nielsen, Emil

enamel watch case various group 23

Enfield, Forty Hall 826

English Church Clocks, by C.F.C. Beeson, reviewed 852

Épitre de Othéa, 824

equation of time indication, Ellicott, John, jnr., watch 580

Erb, Albrecht, cricifix watch 616

escapement
- Airy, G.B. 730
- anchor 357
- Arnold, John, pivotted detent 90
- constant force 204–205
- cross-beat 357
- cross-beat, Knibb, Joseph 357
- Debaufre 1, 36, 302
- see also Debaufre escapement 10

Earnshaw spring detent 125

Galileo 357

gravity, Thomas Mudge 358

gut-line verge 357

Hardy 96

Lepaute, Henry 94

Lever
- Leroux, John, watches 201
- Robin type 203
- Massey type 485
- metal fatigue in 95
- Mudge, Thomas, constant force 90, 717
- Philcox, George, ‘diamond lever’ 740
- pivotted detent 134
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Savage two-pin lever 315\textsuperscript{V10}
Sully, Henry 94\textsuperscript{V10}
Thoïot 94\textsuperscript{V10}
verge conversion to anchor 720\textsuperscript{V10}
Wall & Frost patent cylinder 739\textsuperscript{V10}
Wall, William 866\textsuperscript{V10}
Escapement Errors, by J.D. Weaver 688–697\textsuperscript{V10}
ectapements used by McCabe 315\textsuperscript{V10}
Esplugues, Berenguer 725\textsuperscript{V10}
Esplugues, Perico 724\textsuperscript{V10}
Esplugues, Perico, clockmaker 725\textsuperscript{V10}
Essen, Dr. L., Quartz Clocks and Atomic Time, lecture 356\textsuperscript{V10}
Essen, Dr. Louis 210\textsuperscript{V10}
Essen Dr., on Relativity Theory, letter from Myron Pleasure 624\textsuperscript{V10}
Etherington, George\textsuperscript{V10}

Etherington clock, Ashmolean Museum 485\textsuperscript{V10}
longcase clock, lacquer case 516\textsuperscript{V10}
longcase clock, marquetry case 536\textsuperscript{V10}
watch 769\textsuperscript{V10}
Etherington of London, longcase clock (stolen) 732\textsuperscript{V10}
Evans, John, longcase clock 629\textsuperscript{V10}
Evelyn, John 556, 562\textsuperscript{V10}
Evens of Birmingham, turret clock 872\textsuperscript{V10}
Everet, John (inscription) 365\textsuperscript{V10}
Evers, Paul, clockmaker 93\textsuperscript{V10}
Evershed of Brighton, regulator 720\textsuperscript{V10}
EW. see Walker, Edward\textsuperscript{V10}
Exeter Cathedral, turret clock 195\textsuperscript{V10}
Exhibitions,\textsuperscript{V10}

La Chaux de Fonds, Man and Time 88\textsuperscript{V10}
Le Locle, E. & M. Sandoz 88\textsuperscript{V10}
London, 1851, 'The Great' 340\textsuperscript{V10}
Wembley Empire, 1924 340, 345\textsuperscript{V10}
London, Science Museum, Electrifying Time 206–211\textsuperscript{V10}
Landmarks of Horological Printing 205\textsuperscript{V10}
Expedition, Colonial Office to Africa 596\textsuperscript{V10}

F
Fabian, Larry L., Could it Have Been Wren 550–570\textsuperscript{V10}
Faichney, William ? longcase clock 319\textsuperscript{V10}
Fairclough, Oliver, Joseph Finney of Liverpool 32–40, 294-307\textsuperscript{V10}
Fairn, James, dial maker 58\textsuperscript{V10}
Fallon (élève de Breguet), carriage clock 469\textsuperscript{V10}
Farey, M.J.\textsuperscript{V10}

McCabe and Other Matters (letter) 487\textsuperscript{V10}
Thomas Hampson (letter) 358\textsuperscript{V10}
Fattorini, watch 360\textsuperscript{V10}
Felix, David, collection 861\textsuperscript{V10}
Fell, John, longcase clock 730\textsuperscript{V10}
Fell, P.E., Clock Restoration (letter) 488, 742–743\textsuperscript{V10}
Ferdinand VI, king of Spain 580\textsuperscript{V10}
Ferenbach, M. & D., longcase clock 185, 319\textsuperscript{V10}
Ferguson, James

Introduction to Electricity 335\textsuperscript{V10}
Select Mechanical Exercises 334\textsuperscript{V10}
Ferguson's, James, Tidal Clocks by John R. Millburn 331–335\textsuperscript{V10}
Ferna, Sweden, iron mark 79\textsuperscript{V10}
Finney, Joseph of Liverpool, by Oliver Fairclough 32–40, 294–307
Finney, Samuel 36–37
  painter and enameller 33
Fish, Henry, bracket clock (stolen) 476
Fisher, John, longcase clock 859
Fletcher, dial maker 58
Fletcher, Robert
  portable alarm, no. 96 364
  watch no. 1384 364
Foix, Count of
  receives scientific instruments 724
Forest, Simon, longcase clock 68
forge marks, see Iron marks
form watch
  book, anonymous astronomical compendium 616
  crucifix, Erb, Albrecht 616
  Crucifix, Kreiser, Conrad 616
Forrest, Simon, longcase clock 320
Foster, Joseph, longcase clock, month-going 720
Foster, Samuel, Geometrical Dyalling 555
founder's mark 817
Fowle, Thomas, regulator 351
Fox, John, longcase clock (stolen) 352
Fox, Mary 33
Fraise, Ingold's 700
Frank & Bazin Ltd., glass shade makers 344
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Franklin, Benjamin
- improved version of his clock 843
- free pendulum clock Lord Kelvin's 826
- Shortt, W.H., no.13 343
French of London, watch no.4208 585
Fried, Henry B., book review 852
Frodsham. see also Parkinson & Frodsham
- Frodsham & Son, British Watch and Clockmaking Company 709
- Frodsham, Charles
  - marine chronometer nos. 18 & 19 598
  - restored Arnold chronometer 585
Frodsham, John, British Watch and Clockmaking Company 711
Frodsham of London, watch no. 6019 712
Fromanteel, A. of Newcastle, bracket clock 815
Fromanteel, Ahasuerus
- 1658 advertisement 555
- astronomical clock 556–557
- bracket clock 560, 567
- bracket clock, cupola top 550
- clock case design 559
- longcase clock 551, 560, 563, 567
- pendulum clock tested 556
- roller bearing suspension 357
- Rooke memorial clock 557
- sea clock 557
- visit from Christiaan Huygens, Christiaan, visit from 556
Fromanteel of London, watch 585
Frost. see Wall & Frost
Fry. H.R. 483
FT. see Thoms, Frederick
Funnell, Edward, carriage clock 468
Fusee, a Fuss Around a, by Dr. Hedley G. Martin 573–579
fusee chain makers 362
Fusee, The, letter from Charles K. Aked 746–747
fusee, two-way winding 99
Fusoris, Jean, astrolabe 725, 726
Fusoris, Jean, turret clock 725

G
Galileo,
- escapement 357
- pendulum 614
Galot à Citerne, lantern clock (stolen) 205
Gambey 699
Gamot, G., watch 585
Ganthony, Richard, bracket clock (stolen) 205
Gardner, John, longcase clock 319, 324
Gardner, Malcolm, tale of 'Jimmy Hood' 342
Garnier of Paris, carriage clock 769
Garnier, Paul, carriage clock 533
Garon, Peter, bracket clock, tortoise-shell case 848
Garvan Collection 858
Gaudin, Edward, watchmaker 596
Gaudron of Paris, pendule 468
Gavelle, l'ainé, watch no. 1781 (stolen) 827
Gawdy Hall, Harleston 199
Gazeley, W.H., Tompion watch restoration 199
Geer, De 80
Geldart, Richard 33\textsuperscript{V10}
Geneva 'Cabinets' 697\textsuperscript{V10}
George III\textsuperscript{V10}
  - collection 36\textsuperscript{V10}
  - observatory 34\textsuperscript{V10}
  - ring watch by Joseph Finney 36\textsuperscript{V10}
  - scientific instruments of 304\textsuperscript{V10}
GH watch-case maker 310\textsuperscript{V10}
Gibbon, John 684\textsuperscript{V10}
Gilded dials, letter from Geoffrey Crabtree 487\textsuperscript{V10}
gilder\textsuperscript{V10}
  - Peck of Clerkenwell 341\textsuperscript{V10}
  - Strong, H. 343\textsuperscript{V10}
Gill, clock-makers of Rye 46\textsuperscript{V10}
Gill, Daniel 49\textsuperscript{V10}
Gill, Peter, longcase clock 319, 453\textsuperscript{V10}
Gill, Samuel 49\textsuperscript{V10}
Gilson, Henry, watch 360\textsuperscript{V10}
Gimpel, Jean, The Medieval Machine: The Industrial Revolution of the Middle Ages, reviewed 348–349\textsuperscript{V10}
Glading, Messrs, Mudge, Thomas, chronometer, 'Green' 719\textsuperscript{V10}
Gladstone, Mr 710\textsuperscript{V10}
Glamorgan, Earl of 82\textsuperscript{V10}
glass benders 340\textsuperscript{V10}
glass shade makers 344\textsuperscript{V10}
Glazebrook, Christopher, J., New Zealand Watchmakers (letter) 865\textsuperscript{V10}
Glenfield & Kennedy, Water flow recording clock 368\textsuperscript{V10}
globe\textsuperscript{V10}
  - Apian, Peter, celestial, depicted in The Ambassadors 73, 74\textsuperscript{V10}
  - Schoener, Johann, terrestrial depicted in The Ambassadors 73\textsuperscript{V10}
globe clock. see table clock\textsuperscript{V10}
Glover, W., bracket clock 815\textsuperscript{V10}
Godon, François-Louis, watch 894\textsuperscript{V10}
Golay, H., karussel watch 769\textsuperscript{V10}
Golder, John, longcase clock 317, 319, 323\textsuperscript{V10}
Gom, Daniel, watch 585\textsuperscript{V10}
Goode, Charles, bracket clock (stolen) 491\textsuperscript{V10}
  - bracket clock, walnut case (stolen) 604\textsuperscript{V10}
Goodship, Geoffrey, Horological Music (letter) 491\textsuperscript{V10}
Gordon, John, longcase clock 457\textsuperscript{V10}
Gordon of Edinburgh, longcase clock 537\textsuperscript{V10}
Gore's Liverpool Directory 306\textsuperscript{V10}
Gore's Liverpool General Advertiser 302\textsuperscript{V10}
Gostling, William, wall clock 895\textsuperscript{V10}
Gothic clock, anonymous, German 510\textsuperscript{V10}
Gothic Clock Frames, The Structural and Aesthetic Perfection of, by H.G. Hammond 336–339\textsuperscript{V10}
Gothic iron chamber clock, Anonymous, French 27\textsuperscript{V10}
Gothic wall clock, anonymous 394\textsuperscript{V10}
Goubert, Jacobus, bracket clock 24\textsuperscript{V10}
Gould, Christopher\textsuperscript{V10}
  - bracket clock 403\textsuperscript{V10}
  - longcase clock 24\textsuperscript{V10}
  - longcase clock, marquetry case 351\textsuperscript{V10}
Gourdain of Paris, cartel clock 812\textsuperscript{V10}
Graham, George\textsuperscript{V10}
  - movement in French pedestal clock 806\textsuperscript{V10}
  - sidereal regulator 744–745\textsuperscript{V10}
  - watch with dumb-repeat 622\textsuperscript{V10}
Graham, John, longcase clock 186, 187, 320
Grant & Son, watch 585
Grant, John, watch with duplex escapement 200
Grant of London bracket clock, balloon case 492
regulator, Clockmakers’ Company Collection 611
wall clock 540
Gravell & Tolkein bracket clock, no. 798 399
longcase clock, no. 3615 405
Gray & Vulliamy, longcase clock, walnut case 792
Gray, E. & Son, material suppliers 343
Gray, James, longcase clock 67, 319
Green, Alexander 318
Green, Jos., bracket clock 815
Green, Robert, regulator 678
Green, Thomas, tool maker 736
Gregg, Francis, longcase clock, walnut case 888
Gregory, James, watch 36
Gregory, Jeremy, bracket clock 409
Gregory, Professor 357
Gregson of Paris, watch 585
Gresham College, The Ballad of 551–552
Gretton, Charles bracket clock, basket top 10
bracket clock (stolen) 476
Grifon, Thomas
Grimalde, Peter, longcase clock 629
Grimes, Thomas, longcase clock, month-going 672
Grimshaw, Baxter & Elliott, material dealers 343
Grimley, Edmund, A Pantry Clock, (letter) 96
Grose, Francis 685
Grosvenor House Antique Dealers’ Fair, 1977, report by T.O. Ron 478
Gruet, A.A., earliest fusee chain 362
Gurney’s Brachygraphy, letter from G.W. Bennett 365
gut-line manufacturers 340
H
Hackamack, Paul 308–316
James McCabe
James McCabe, watch numbers 617
Hadfield, G.K., John Wilderspin, Cambridge (letter) 738
Haggar, Arthur L. 684
Haggar, Joseph 684
Halifax, John, clockmaker 33
longcase clock 152, 385
Hall, John, London, letter from J.M. Wild 871
Halliday, James, longcase clock 182, 319
Hallier of London, Bracket clock (stolen) 205
Hallifax, John, bracket clock 469, 769
Hallifax, Joseph, longcase clock 833
Hamilton, Duke of, British Watch and Clockmaking Company 708, 709, 711
Hamilton, John, longcase clock, musical 448
Hammond, Samuel 46
agreement with Rye churchwardens 47
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hampson, Thomas</td>
<td>358</td>
</tr>
<tr>
<td>Hampton Court Palace, turret clock</td>
<td>76</td>
</tr>
<tr>
<td>hand maker, Beesley of Clerkenwell</td>
<td>342</td>
</tr>
<tr>
<td>Hood, James</td>
<td>342</td>
</tr>
<tr>
<td>Hannivel, L., longcase clock</td>
<td>351</td>
</tr>
<tr>
<td>Hardingham, A.J., French Clockmakers at Nonsuch (letter)</td>
<td>867</td>
</tr>
<tr>
<td>Hardy, William, regulator</td>
<td>596</td>
</tr>
<tr>
<td>Harland, Sir Robert and Lady</td>
<td>685</td>
</tr>
<tr>
<td>Harpur, Henry, longcase clock</td>
<td>24</td>
</tr>
<tr>
<td>Harris, Clement and Company, British Watch and Clockmaking Company</td>
<td>710</td>
</tr>
<tr>
<td>Harris, John</td>
<td>417</td>
</tr>
<tr>
<td>bracket clock</td>
<td>468</td>
</tr>
<tr>
<td>Harris, Samuel, clockmaker</td>
<td>99</td>
</tr>
<tr>
<td>Harris, Stephen, longcase clock</td>
<td>351</td>
</tr>
<tr>
<td>Harrison &amp; Son, French clock</td>
<td>488</td>
</tr>
<tr>
<td>Harrison, Finney</td>
<td>306</td>
</tr>
<tr>
<td>Harrison, James</td>
<td>197</td>
</tr>
<tr>
<td>turret clock, dated 1834</td>
<td>488</td>
</tr>
<tr>
<td>Harrison, John, cycloidal cheeks</td>
<td>358</td>
</tr>
<tr>
<td>Harrison, Thomas</td>
<td>37</td>
</tr>
<tr>
<td>clockmaker</td>
<td>305</td>
</tr>
<tr>
<td>watch no.109</td>
<td>306</td>
</tr>
<tr>
<td>watch no.322</td>
<td>306</td>
</tr>
<tr>
<td>Harrisons, The James, The Turret Clocks of, lecture by C., G., McKay</td>
<td>862</td>
</tr>
<tr>
<td>Harrisons, The Later, letter from Brian Pearson</td>
<td>488</td>
</tr>
<tr>
<td>Harrold, Charles, watch-pendant maker</td>
<td>345</td>
</tr>
<tr>
<td>Harrys, William, clockmaker</td>
<td>44</td>
</tr>
<tr>
<td>Hartley, Thomas, longcase clock</td>
<td>629</td>
</tr>
<tr>
<td>Harvey, John, longcase clock</td>
<td>350</td>
</tr>
<tr>
<td>Harwood, John, automatic wrist-watch</td>
<td>126</td>
</tr>
<tr>
<td>Haswell &amp; Son, material dealers</td>
<td>344</td>
</tr>
<tr>
<td>Haswell, J. Eric, Horology, reviewed</td>
<td>346</td>
</tr>
<tr>
<td>Hatfield &amp; Hall, watch</td>
<td>687</td>
</tr>
<tr>
<td>Hatfield, John</td>
<td>33</td>
</tr>
<tr>
<td>Hatfield, Martha</td>
<td>33</td>
</tr>
<tr>
<td>Hatton, Thomas, An introduction to the Mechanical Part of Clock and Watch Work</td>
<td>32</td>
</tr>
<tr>
<td>Hawkins, G.J., tide mill</td>
<td>83</td>
</tr>
<tr>
<td>Hawkins, John</td>
<td>54</td>
</tr>
<tr>
<td>Haycock of Ashbourne, skeleton clock</td>
<td>667</td>
</tr>
<tr>
<td>Haycock, William, wall clock</td>
<td>386</td>
</tr>
<tr>
<td>Hayden, Arthur, Chats on Cottage and Farmhouse Furniture</td>
<td>428</td>
</tr>
<tr>
<td>Haydn, Joseph, Clock Symphony</td>
<td>491</td>
</tr>
<tr>
<td>Hayes, Thomas</td>
<td>597</td>
</tr>
<tr>
<td>Hayler, William, longcase clock</td>
<td>629</td>
</tr>
<tr>
<td>Heber, E., mantel clock (stolen)</td>
<td>731</td>
</tr>
<tr>
<td>Heck, Gérard, engraver/watch case maker</td>
<td>199</td>
</tr>
<tr>
<td>Heck, Gérard, engraver</td>
<td>90</td>
</tr>
<tr>
<td>Hedge, Nathaniel, wall clock, hooded</td>
<td>286, 501</td>
</tr>
<tr>
<td>Heigel, Martin, watch</td>
<td>585</td>
</tr>
<tr>
<td>Hemmingsway of Manchester</td>
<td>687</td>
</tr>
<tr>
<td>Henderson, Ebenezer, and the Liverpool Observatory, by Herman H. Knie</td>
<td>843–847</td>
</tr>
<tr>
<td>Henderson, Ebenezer, Life of James Ferguson</td>
<td>331</td>
</tr>
<tr>
<td>Henderson, John, longcase clock</td>
<td>455</td>
</tr>
<tr>
<td>Hendrie, James, Falkirk letter from James T. Wallace</td>
<td>747</td>
</tr>
<tr>
<td>Hercules and Atlas</td>
<td>806</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Hervey, Mrs. Mary 71 V10
Hesse, Landgrave of 592 V10
Hewitt, British Watch and Clockmaking Company 709 V10
Hewitt, Thomas, marine chronometer nos. 495 & 521 598 V10
Higgs, Robert V10
  watch no. 3086 585 V10
  longcase clock 832 V10
Hill, John, longcase clock 350 V10
Hill, Mr., clock-case maker, letter from Eric Street 864 V10
Hindley, Henry, V10
  instrument for George III 305 V10
  workshop 360 V10
Hindley, Henry, Turret Clocks of, lecture by R.J. Law 91 V10
Hipkiss, R., dial maker 319 V10
Hislop, William, marine chronometer no. 201 598 V10
History of Oliver of Castille 824 V10
Hodges, John, longcase clock 832 V10
Hogg, Sir J.M. 340 V10
Holbein, Hans, The younger V10
  The Ambassadors 70–77 V10
  Dance of Death 76 V10
  designs for clock and sundial 76 V10
  portrait of Nicholas Kratzer 75 V10
Holbrook, S.E., Clock Dials on a Fifteenth-Century Country Estate, and Other Burgundian Clocks 819–826 V10
Holder, Ronald G., Thomas Blan, London (letter) 738 V10
Hollar, Wenceslas, map of London 1666 558 V10
Hollisone, Alex, watch 687 V10
Holliswell, William 37 V10
Holloway, William, longcase clock 629 V10
Holmden, George, clock no. 308, in barometer 794 V10
Holmes, A, National Index of Clockmakers (letter) 100 V10
Holmes, J.D., Barraclough of Haworth (letter) 619 V10
Holmes, John V10
  bracket clock 469 V10
  longcase clock 720 V10
Holt, John 34 V10
Honig, Peter, Reconversion of Robert Philip bracket clock, lecture 861 V10
Hood, James, hand maker 342 V10
Hood, John, longcase clock 319, 325 V10
Hood, Sarah, fusee chain maker 362 V10
Hooke, Robert V10
  association with Wren 557 V10
  Wren's Weather Clock 566 V10
Hope-Jones, Frank, Synchronome master clock 207 V10
Horarium Bilimbatum, depicted in The Ambassadors 73, 74 V10
Horloge de Sapience 824 V10
Hornblotton Clock, The, lecture by D.F. Nettell 863 V10
Hornblotton, Somerset, Shepherd, C., electric turret clock 460–463 V10
Horological Books, lecture by Charles Aked 92 V10
Horological Music, letter from Geoffrey Goodship 491 V10
Horological tools V10
  Ingold, Pierre Frederick 700–708 V10
  Horological Tools, Lecture, by T. Crom 93 V10
Horophone 343 V10
Horsey of Paris, watch 611 V10
Houghton, Richard, watch 33 V10
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Howard, Henry, Duke</td>
<td>559, 562</td>
</tr>
<tr>
<td>Howe, Admiral Richard</td>
<td>164</td>
</tr>
<tr>
<td>portrait</td>
<td>164</td>
</tr>
<tr>
<td>Howell, James &amp; Co.</td>
<td>709</td>
</tr>
<tr>
<td>Howell, John</td>
<td>709</td>
</tr>
<tr>
<td>Howells &amp; Pennington</td>
<td>90</td>
</tr>
<tr>
<td>marine chronometer</td>
<td></td>
</tr>
<tr>
<td>marine timekeeper no.</td>
<td>204</td>
</tr>
<tr>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Howie, A.</td>
<td>320</td>
</tr>
<tr>
<td>Howie, Thomas</td>
<td>176, 319</td>
</tr>
<tr>
<td>Howieson, John</td>
<td>320, 454</td>
</tr>
<tr>
<td>Howse, Derek</td>
<td>164–172</td>
</tr>
<tr>
<td>Huber, Martin</td>
<td>474–475</td>
</tr>
<tr>
<td>Hubert, David</td>
<td>516</td>
</tr>
<tr>
<td>Hudson, Felix</td>
<td></td>
</tr>
<tr>
<td>Scottish Painted Dials</td>
<td>55–69, 317–330</td>
</tr>
<tr>
<td>Scottish Painted Dials, part 2</td>
<td>173–188</td>
</tr>
<tr>
<td>Some Scottish Longcase Clocks</td>
<td>447–459</td>
</tr>
<tr>
<td>Huejotzingo Monastery,</td>
<td>571–572</td>
</tr>
<tr>
<td>turret clock</td>
<td></td>
</tr>
<tr>
<td>Hughes. see Walker &amp; Hughes</td>
<td>10</td>
</tr>
<tr>
<td>Hurley, Alex</td>
<td>289</td>
</tr>
<tr>
<td>Hunt &amp; Roskell</td>
<td>532</td>
</tr>
<tr>
<td>Hunt, E. &amp; Son</td>
<td>342</td>
</tr>
<tr>
<td>Hunter &amp; Edwarde's</td>
<td>710</td>
</tr>
<tr>
<td>British Watch &amp;</td>
<td></td>
</tr>
<tr>
<td>Clockmaking Company</td>
<td></td>
</tr>
<tr>
<td>Hunter, Thomas</td>
<td>469</td>
</tr>
<tr>
<td>bracket clock</td>
<td></td>
</tr>
<tr>
<td>Hunziker, Ad.,</td>
<td>625</td>
</tr>
<tr>
<td>mantel clock (stolen)</td>
<td></td>
</tr>
<tr>
<td>Hurcombe, Messrs.,</td>
<td>719</td>
</tr>
<tr>
<td>Mudge, Thomas,</td>
<td></td>
</tr>
<tr>
<td>chronometer 'Blue'</td>
<td></td>
</tr>
<tr>
<td>Hurst, B.L.</td>
<td>346</td>
</tr>
<tr>
<td>book review</td>
<td></td>
</tr>
<tr>
<td>Hüsgen, Counsellor,</td>
<td>589–594</td>
</tr>
<tr>
<td>The Timekeepers of,</td>
<td></td>
</tr>
<tr>
<td>by Prof. H.J.</td>
<td></td>
</tr>
<tr>
<td>Antweiler</td>
<td></td>
</tr>
<tr>
<td>Hutchinson, Beresford</td>
<td>40</td>
</tr>
<tr>
<td>book review</td>
<td>734–735</td>
</tr>
<tr>
<td>British Museum</td>
<td>92</td>
</tr>
<tr>
<td>curator</td>
<td></td>
</tr>
<tr>
<td>Some Observations on</td>
<td>715–719</td>
</tr>
<tr>
<td>the Timekeepers of</td>
<td></td>
</tr>
<tr>
<td>Thomas Mudge</td>
<td></td>
</tr>
<tr>
<td>Hutchinson, Captain</td>
<td>331</td>
</tr>
<tr>
<td>William</td>
<td></td>
</tr>
<tr>
<td>Hux, James</td>
<td>358</td>
</tr>
<tr>
<td>Huygens, Christiaan</td>
<td>614</td>
</tr>
<tr>
<td>introduction of the</td>
<td></td>
</tr>
<tr>
<td>pendulum</td>
<td>97</td>
</tr>
<tr>
<td>Letter to Constantijn about a new clock</td>
<td></td>
</tr>
<tr>
<td>pendulum clock</td>
<td>357, 553</td>
</tr>
<tr>
<td>visit to London</td>
<td>553</td>
</tr>
<tr>
<td>Huygens, Constantijn,</td>
<td>97</td>
</tr>
<tr>
<td>letter to Huygens</td>
<td></td>
</tr>
<tr>
<td>about a new clock</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td></td>
</tr>
<tr>
<td>IC. see Carpenter,</td>
<td></td>
</tr>
<tr>
<td>Joseph</td>
<td></td>
</tr>
<tr>
<td>ID. see Dow, James</td>
<td></td>
</tr>
<tr>
<td>illuminated</td>
<td>819–826</td>
</tr>
<tr>
<td>miniatures, 15th-century</td>
<td></td>
</tr>
<tr>
<td>IM, watch-case maker</td>
<td>586</td>
</tr>
<tr>
<td>IMC, punch mark</td>
<td>312</td>
</tr>
<tr>
<td>Improved Clock, An,</td>
<td>603</td>
</tr>
<tr>
<td>by W. Opperman</td>
<td></td>
</tr>
<tr>
<td>Index of Clockmakers,</td>
<td>100</td>
</tr>
<tr>
<td>National, letter from</td>
<td></td>
</tr>
<tr>
<td>A. Holmes</td>
<td></td>
</tr>
<tr>
<td>Inglefield, Captain,</td>
<td>586–588</td>
</tr>
<tr>
<td>his Watch, by.</td>
<td></td>
</tr>
<tr>
<td>Terence Cuss</td>
<td></td>
</tr>
<tr>
<td>Ingold, Pierre</td>
<td>698–714</td>
</tr>
<tr>
<td>Frederick &amp; the</td>
<td></td>
</tr>
<tr>
<td>British Watch and</td>
<td></td>
</tr>
<tr>
<td>Clockmaking Company,</td>
<td></td>
</tr>
<tr>
<td>by R.F. &amp; R.W.</td>
<td></td>
</tr>
<tr>
<td>Carrington</td>
<td></td>
</tr>
<tr>
<td>Ingold, Pierre</td>
<td>700</td>
</tr>
<tr>
<td>Frederick</td>
<td>698–699</td>
</tr>
<tr>
<td>in America</td>
<td></td>
</tr>
<tr>
<td>biography</td>
<td></td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

established in London 699V10
in La Chaux de Fonds 700V10
patent 'fraise' 700V10
watch no. 638 699V10
watch no. 5979 699V10
watchmaking machinery 700–708V10
Inventions of Ye Earl of Worcester 83V10
Ipswich, Old West Gate 685V10
IR. see Richard, James V10
Iron Marks on Turret Clocks, by Torsten & Nettell 78–81V10
Iron production 428–438V10
Isaac, H.P., chronometer maker 345V10
It's About Time, by Paul M. Chamberlain, 1978 reprint reviewed 855V10

J
Jablonowiska, Princess 699V10
Jackman, Joseph, longcase clock 650V10
Jackson, Owen, tavern clock 667V10
Jacob, Ben., longcase clock 501V10
Jacob of Perpignan 724, 725V10
Jagger, CedricV10
  Clockmakers' Company collection 198V10
  Thomas Mudge's Timekeepers (letter) 866V10
James, A.L., William Clarke, London (letter) 620V10
Jans, Josephus, table clock, horizontal 468V10
Janvier of Paris, bracket clock 848V10
Japanese clockV10
  anonymous, striking clock 469V10
  pillar clock 154V10
Jean I of Catalonia 723, 725V10
Jean, Infante, presents a clock to Monserrat Monastery 724V10
Jefferys, John, longcase clock, month-going 893V10
Jeffreys, George, wall clock 540V10
Jenion, William, watchmaker 93V10
Jensen, Gerreit, Cabinet maker 15V10
Jephson, James, British Watch and Clockmaking Company 711V10
Jersey, Francis, bracket clock 848V10
jewel bearing maker, Woods, T.G. & Sons 345V10
Jeweller and Metal-worker 341V10
JHW, owner of a Joseph Finney clock 299V10
Johns, B.W., Benjamin Mends, Plymouth (letter) 865V10
Johnson, Benjamin, Longcase clock, marquetry case 10V10
Johnson, Dormot P., Continental Clock (letter) 868V10
Johnson, John, longcase clock 530V10
Johnson of Gray's Inn Passage, bracket clock (stolen) 826V10
Johnston, Alexander, dial maker 58V10
Johnstone, John, longcase clock 319V10
Johnstone, Joseph, longcase clock 319V10
Jones, David R., Josh. Dumbell (letter) 487V10
Jones, Henry, V10
  bracket clock, ebony veneered case 802V10
  bracket clock, movement 419V10
  bracket clock, with alarm 518V10
  longcase clock 417V10
Jones, Inigo 559V10
Prince's Lodging, Newmarket 561V10
Jones, Robert & Joshua (Joseph ?), portable alarm 364V10
Jordan, James, longcase clock 629V10
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Journeyman clock, Dutton, William 134V10
Joyce of London, watch 360V10
Jullion, John, lantern clock 350V10
Jullion Turret Clock, letter from C.G. McKay 490V10
Jump of London V10
  carriage clock 848V10
  carriage clock (hump-back) 848V10
Jurgensen, J.F.U. 713V10
Jurman, E., book review 735V10
JWB. see Benson, J.W. V10

K
Kapff, Ludwig von, watch 585V10
Kaye, John, clockmaker 306V10
Kefford, Thomas, longcase clock 730V10
Keir, Peter, longcase clock 178, 182, 319V10
Kellenberger Collection 102V10
Kelvin, Lord, free-pendulum clock 826V10
Kendall, Larcum, pocket chronometer, Clockmakers' Company 90V10
Kenney, George, meeting report 614, 860V10
Kenning, William, longcase clock 730V10
Keys, watch 343V10
King of Clerkenwell, lapdairy 341V10
King of London, watch 611V10
Kinzing of Neuwied, longcase clock 589–594V10
Kipling, William V10
  bracket clock 534V10
  longcase clock, musical 418V10
  watch no. 413 (stolen) 476V10
Kirchner, Athanasius 761V10
Kirk, Joseph, longcase clock 131V10
Kirkpatrick, Rev. Mr. 38V10
Kirkwood, A., longcase clock 320V10
Klaftenburger. see Aubert & Klaftenburger V10
Knibb, John, longcase clock, Ashmolean Museum 485V10
Knibb, Joseph V10
  bracket clock ? three train (stolen) 491V10
  lantern clock 730V10
  longcase clock, quarter-striking 478V10
  longcase clock, three month 30V10
  longcase clock, three-month duration 730V10
Knie, Herman H., Ebenezer Henderson and the Liverpool Observatory 843–847V10
Knight, Michael, bracket clock 782V10
Knottesford, William, longcase clock 519V10
Koch, Hans, table clock with sundial 789V10
Kratzer, Nicholas, Holbein portrait 75V10
Kreiser, Conrad, crucifix watch 616V10
Kullberg Medal 438V10
Kullberg, Victor, carriage clock 198V10
Kumer, Joan Michel, crucifix clock 657V10

L
La Chaux de Fonds, exhibition, Man and Time 88V10
La Comtoise: La Morbier: La Morez, by Maitzner & Moreau, reviewed 40V10
lacquer case, Scott, George, longcase clock 519V10
Laing, G., longcase clock 319, 326V10
Laing, John, dial maker 58V10
Lamb, Mr., engraver 341V10
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Lamy, David, bracket clock 420
Lancaster County Clock Cases, by John j. Snyder Jr., reviewed 608
Lancaster County, Clockmakers of, by Wood & Kramer, reviewed 608
Landes. see Chapiro & Landes
Landes, David, Dumb Repeaters (letter) 622
Landmarks of Horological Printing, exhibition 205
Lane, William, longcase clock 629
Langford of London, regulator 351
Langwith, Samuel, longcase clock 492
lantern clock
anonymous 774
anonymous, Flemish style 651
anonymous, quarter striking 730
anonymous, Tudor rose on dial 351
Bradford, John 730
Buck, John 93
Closen, Peter 289, 357, 730
Coxeter, Nicholas 730
Dorling, Bilby 153
Galot à Citerne (stolen) 205
Jullion, John 350
Knibb, Joseph 730
Le Roy, Chas. 357
Muys, Jonannes 697
Norris, Edward 828, 831
Robbins, Josias 350
Tompion, Thomas, no. 518 360
Tompion, Thomas (W535) 360
unidentified maker 419
Webster, Henry 831
Webster of Shropshire 351
Windmills of London 351, 646
Latham, John, bracket clock 410–411
Latz, I.P, longcase clock 807–808
Lauthier of Bath, bracket clock 150
Lavoie Paul, brief biography 94
Lavoie, Paul, Francis Clement, London (letter) 866
Law, Alexander, longcase clock 6
Law, R.J., The Turret Clocks of Henry Hindley 91
Lawson, Richard, bracket clock 763
Laycock, William S.
The Earliest Regulator (letter) 97
obituary 196
portrait 112
Layne, Catherine, watchmaker (letter) from Lloyd Brown 617
Lazenby, William, bracket clock 815
L.C. see Comtesse, Louis
Le Locle, exhibition E. & M. Sandoz 89
Le Noir, Etienne, mantel clock 805
Le Roy, Chas., lantern clock 357
Le Roy, Julien
globe clock 805
mantel clock 808
pedestal clock 806
watch, dumb-quarter repeat 363
Le Roy of Paris
carriage clock (stolen) 354
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Author/Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>476</td>
<td>mantel/globe clock no. 46518 (stolen)</td>
<td>10</td>
</tr>
<tr>
<td>70</td>
<td>Lebrun, M. (Monsieur?)</td>
<td>10</td>
</tr>
<tr>
<td>80</td>
<td>Lechlade, Gloucestershire, turret clock</td>
<td>10</td>
</tr>
<tr>
<td>92</td>
<td>Aked, Charles K., Horological Books</td>
<td>10</td>
</tr>
<tr>
<td>614</td>
<td>Atwood, Seth, The Development of the Pendulum</td>
<td>10</td>
</tr>
<tr>
<td>356</td>
<td>Bundens, Dr. Warner D., Convertible Watches</td>
<td>10</td>
</tr>
<tr>
<td>90</td>
<td>Clutton, Cecil, The Collection of the Worshipful Company of Clockmakers</td>
<td>10</td>
</tr>
<tr>
<td>93</td>
<td>Crom, T., Horological Tools</td>
<td>10</td>
</tr>
<tr>
<td>613</td>
<td>Davies, S.G., Resoration of Painted Dials</td>
<td>10</td>
</tr>
<tr>
<td>735</td>
<td>Duley, A.J., Liechti Clocks</td>
<td>10</td>
</tr>
<tr>
<td>354</td>
<td>Edgcumbe, Richard, Repoussé Watch Cases</td>
<td>10</td>
</tr>
<tr>
<td>611</td>
<td>Edwardes, E.L., Astrolabes</td>
<td>10</td>
</tr>
<tr>
<td>357</td>
<td>The Development of the Pendulum Clock</td>
<td>10</td>
</tr>
<tr>
<td>613</td>
<td>Essen, Dr. L., Quartz Clocks and Atomic Time</td>
<td>10</td>
</tr>
<tr>
<td>861</td>
<td>Honig, Peter, Reconversion of Robert Philip bracket clock, lecture</td>
<td>10</td>
</tr>
<tr>
<td>91</td>
<td>Law, R.J., The Turret Clocks of Henry Hindley</td>
<td>10</td>
</tr>
<tr>
<td>862</td>
<td>McKay, C.G., The Turret Clocks of the James Harrisons</td>
<td>10</td>
</tr>
<tr>
<td>613</td>
<td>Maltin, M., A Simple Time Receiver</td>
<td>10</td>
</tr>
<tr>
<td>610</td>
<td>Mercer, Vaudrey, Edward John Dent</td>
<td>10</td>
</tr>
<tr>
<td>858</td>
<td>Montgomery, Professor Charles, American Longcase Clocks as Furniture, lecture</td>
<td>10</td>
</tr>
<tr>
<td>863</td>
<td>Nettell, D.F., The Hornblotton Clock</td>
<td>10</td>
</tr>
<tr>
<td>858</td>
<td>Parkes, Daniel, Clock Mending</td>
<td>10</td>
</tr>
<tr>
<td>94</td>
<td>Pechin, Dr. Serge, Marine Escapements</td>
<td>10</td>
</tr>
<tr>
<td>863</td>
<td>Plaister, J.E., Electric Turret Clocks</td>
<td>10</td>
</tr>
<tr>
<td>735</td>
<td>Randall, A.G., lecture by, Photographing Watches</td>
<td>10</td>
</tr>
<tr>
<td>736</td>
<td>Smith, Alan, John Wyke, 18th Century Clock and Tool Maker</td>
<td>10</td>
</tr>
<tr>
<td>736</td>
<td>Smyth, R., Bulova Tuning Fork Watches</td>
<td>10</td>
</tr>
<tr>
<td>484</td>
<td>Treherne, Alan, The Massey Family</td>
<td>10</td>
</tr>
<tr>
<td>861</td>
<td>Vernon, Mr., Big Ben Disater</td>
<td>10</td>
</tr>
<tr>
<td>858</td>
<td>Ward, F.A.B., Early Clocks and Clock Dials</td>
<td>10</td>
</tr>
<tr>
<td>613</td>
<td>Wilding, John, Making a Herbert Scott Electric Clock</td>
<td>10</td>
</tr>
<tr>
<td>612</td>
<td>Making a Small Turret Clock, lecture</td>
<td>10</td>
</tr>
<tr>
<td>856</td>
<td>Lee, Charles, book review</td>
<td>10</td>
</tr>
<tr>
<td>54</td>
<td>Lee, Charles B., request for information</td>
<td>10</td>
</tr>
<tr>
<td>738</td>
<td>Lee, T., Theft of Watches (letter)</td>
<td>10</td>
</tr>
<tr>
<td>807</td>
<td>Lefaucheur, Alexandre, longcase clock</td>
<td>10</td>
</tr>
<tr>
<td>491</td>
<td>Lenoir of Paris, bracket clock (stolen)</td>
<td>10</td>
</tr>
<tr>
<td>856</td>
<td>Leopold and Pechstein, Der Kleine Himmelsglobus 1594 von Jost Bürgi, reviewed</td>
<td>10</td>
</tr>
<tr>
<td>807</td>
<td>Lepaute de Bellefontaine, longcase clock</td>
<td>10</td>
</tr>
<tr>
<td>94</td>
<td>Lepaute, Henry, escapement</td>
<td>10</td>
</tr>
<tr>
<td>203</td>
<td>Lepine, Jean-Antoine, watch movement</td>
<td>10</td>
</tr>
<tr>
<td>769</td>
<td>Lepine of Paris, virgule watch</td>
<td>10</td>
</tr>
<tr>
<td>468</td>
<td>Leroux, John, bracket clock, ebony case</td>
<td>10</td>
</tr>
<tr>
<td>90</td>
<td>early lever watch, Clockmasters' Company</td>
<td>10</td>
</tr>
<tr>
<td>201</td>
<td>watch no. 3153, Clockmakers' Company</td>
<td>10</td>
</tr>
<tr>
<td>201</td>
<td>watch, un-numbered lever</td>
<td>10</td>
</tr>
<tr>
<td>155</td>
<td>Leroy et Fils, carriage clock</td>
<td>10</td>
</tr>
<tr>
<td>622</td>
<td>Lestourgeon, David, watch no. 1709 (1769)</td>
<td>10</td>
</tr>
<tr>
<td>604</td>
<td>Lesure of Paris, mantel clock (stolen)</td>
<td>10</td>
</tr>
<tr>
<td>80</td>
<td>Lewis, John</td>
<td>10</td>
</tr>
<tr>
<td>431</td>
<td>Lewis, John, longcase clock</td>
<td>10</td>
</tr>
<tr>
<td>629</td>
<td>L'Homme et Le Temps Museum Exhibition, reviewed</td>
<td>10</td>
</tr>
<tr>
<td>609</td>
<td>Lefaucheur, Alexandre, longcase clock</td>
<td>10</td>
</tr>
</tbody>
</table>
Library, Liverpool  

Liechti Clocks, lecture by A.J. Duley  

Liechti, replica clock by H. van Mechlen  

Lighthouse clock, anonymous  

Lilley, A.F.  

Chain Makers (letter)  

Dumb Repeaters (letter)  

Lincoln Cathedral, turret clock  

Lindsay, Lady Ann  

Lister of Newcastle, British Watch and Clockmaking Company  

Litchfield Manufacturing Company, marine movements  

Litherland, Davies and Company, Skeleton clock  

Lithgow, William, longcase clock  

Little, J. owner of a Joseph Finney clock  

Littlemore of Frodsham, longcase clock  

Liverpool  

Exchange, turret clock  

Octagon Chapel  

St. Catherine's Church  

St. Nicholas Church, turret clock  

Workhouse, turret clock  

Livingstone, Andrew, longcase clock  

Lloyd, Richard, longcase clock  

Lögdö forge, Sweden  

Longcase clock, Smith, John  

London, Horseguards Parade, turret clock  

London, St Pauls Cathedral, turret clock  

Long duration  

Finney, Joseph, regulator  

Mart, longcase clock  

long duration, month  

anonymous, Vienna regulator  

Cole, Thomas, table regulator  

Ellicott of London, longcase clock  

Foster, Joseph, longcase clock  

Grimes, Thomas, longcase clock  

Jefferys, John, longcase clock  

Knibb, John  

Littlemore of Frodsham, longcase clock  

Mudge, Thomas, regulator, walnut case  

Prime, Andrew, longcase clock  

Quare & Horsemans  

Quare, Daniel, longcase clock  

Spencer & Perkins, regulator  

Stones, Thomas, longcase clock  

Tompion, Thomas, longcase clock  

Windmills, Joseph  

Windmills, Joseph, walnut case  

Wise, John, longcase clock  

Wood, Daniel, longcase clock  

Wright, Edmond, longcase clock  

long duration, three-month  

Knibb, Joseph, longcase clock  

long duration, two-month  

Etherington, George, longcase clock  

long duration, two-week  

Pace, John, skeleton clock
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

long duration, year

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>anonymous, French four-glass</td>
<td>815V10</td>
</tr>
<tr>
<td>anonymous, skeleton clock</td>
<td>144V10</td>
</tr>
<tr>
<td>Craig, John, longcase clock</td>
<td>287V10</td>
</tr>
<tr>
<td>Delander, Daniel, longcase clock</td>
<td>386V10</td>
</tr>
<tr>
<td>Finney, Joseph, regulator</td>
<td>35V10</td>
</tr>
<tr>
<td>Mohren, J., wall regulator</td>
<td>138V10</td>
</tr>
<tr>
<td>Pace, John, skeleton clock</td>
<td>393V10</td>
</tr>
<tr>
<td>Quare, Daniel, ??</td>
<td>861V10</td>
</tr>
<tr>
<td>Wright, Edmond</td>
<td>11V10</td>
</tr>
<tr>
<td>Long, John, longcase clock</td>
<td>372V10</td>
</tr>
</tbody>
</table>

longcase clock

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allam, William</td>
<td>450V10</td>
</tr>
<tr>
<td>Allam, William, with barometer and thermometer</td>
<td>350V10</td>
</tr>
<tr>
<td>Anderson, James</td>
<td>64, 319, 453V10</td>
</tr>
<tr>
<td>Anderson, N.</td>
<td>320V10</td>
</tr>
<tr>
<td>anonymous, Black Forest</td>
<td>351V10</td>
</tr>
<tr>
<td>anonymous, oak and mahogany</td>
<td>350V10</td>
</tr>
<tr>
<td>anonymous, quarter-chiming</td>
<td>351V10</td>
</tr>
<tr>
<td>anonymous, three-train</td>
<td>517V10</td>
</tr>
<tr>
<td>Apps, Robert</td>
<td>667V10</td>
</tr>
<tr>
<td>Ashton, Thomas, musical</td>
<td>730V10</td>
</tr>
<tr>
<td>Aske, Henry</td>
<td>351V10</td>
</tr>
<tr>
<td>Atwood, William</td>
<td>373V10</td>
</tr>
<tr>
<td>Baker, Pointer</td>
<td>629V10</td>
</tr>
<tr>
<td>Baker, Richard</td>
<td>785V10</td>
</tr>
<tr>
<td>Baker, Thomas</td>
<td>720V10</td>
</tr>
<tr>
<td>Barclay, T.</td>
<td>320V10</td>
</tr>
<tr>
<td>Barraclough of Haworth</td>
<td>619V10</td>
</tr>
<tr>
<td>Barrauds of London</td>
<td>351V10</td>
</tr>
<tr>
<td>Barrow, Nathaniel</td>
<td>872V10</td>
</tr>
<tr>
<td>Bennett, Mansell</td>
<td>622V10</td>
</tr>
<tr>
<td>Benson, John</td>
<td>621–622V10</td>
</tr>
<tr>
<td>Beveridge, Robert</td>
<td>319V10</td>
</tr>
<tr>
<td>Birchall of Nantwich</td>
<td>798V10</td>
</tr>
<tr>
<td>Bird, Edward</td>
<td>673V10</td>
</tr>
<tr>
<td>Black, Alex.</td>
<td>319V10</td>
</tr>
<tr>
<td>Black, Alexander</td>
<td>180V10</td>
</tr>
<tr>
<td>Black, J. &amp; T.</td>
<td>328V10</td>
</tr>
<tr>
<td>Black, J. &amp; T.</td>
<td>319V10</td>
</tr>
<tr>
<td>Black, James</td>
<td>319, 322V10</td>
</tr>
<tr>
<td>Blan, Thomas, London</td>
<td>738V10</td>
</tr>
<tr>
<td>Body, Henry</td>
<td>623, 743V10</td>
</tr>
<tr>
<td>Body, Obadiah</td>
<td>623, 743V10</td>
</tr>
<tr>
<td>Boucheret of Paris</td>
<td>668V10</td>
</tr>
<tr>
<td>Brass, Thomas</td>
<td>603V10</td>
</tr>
<tr>
<td>Breakenrig, James</td>
<td>319V10</td>
</tr>
<tr>
<td>Breckenridge, A.</td>
<td>458V10</td>
</tr>
<tr>
<td>Bridge, Thomas</td>
<td>629V10</td>
</tr>
<tr>
<td>Bryson, John</td>
<td>319, 320V10</td>
</tr>
<tr>
<td>Buchan, Archibald</td>
<td>320V10</td>
</tr>
<tr>
<td>Buckmaster, George</td>
<td>629V10</td>
</tr>
<tr>
<td>Bullock, Edmund</td>
<td>720V10</td>
</tr>
<tr>
<td>Burton, James</td>
<td>629V10</td>
</tr>
<tr>
<td>Butler, James</td>
<td>545V10</td>
</tr>
<tr>
<td>Caird, D.</td>
<td>319V10</td>
</tr>
<tr>
<td>Cameron, James</td>
<td>317, 319, 324V10</td>
</tr>
<tr>
<td>Name</td>
<td>Reference</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Campbell, Charles</td>
<td>62 V10</td>
</tr>
<tr>
<td>Cawley, Robert</td>
<td>93 V10</td>
</tr>
<tr>
<td>Cheesbrough, Aaron</td>
<td>350 V10</td>
</tr>
<tr>
<td>Clement, William, ebonised case</td>
<td>351 V10</td>
</tr>
<tr>
<td>Cockey, Edward</td>
<td>286 V10</td>
</tr>
<tr>
<td>Cole, John</td>
<td>623 V10</td>
</tr>
<tr>
<td>Collier, John</td>
<td>629 V10</td>
</tr>
<tr>
<td>Comber, Richard</td>
<td>623 V10</td>
</tr>
<tr>
<td>Condiffe, J.</td>
<td>620 V10</td>
</tr>
<tr>
<td>Cowan, James</td>
<td>181 V10</td>
</tr>
<tr>
<td>Cowan, William</td>
<td>319 V10</td>
</tr>
<tr>
<td>Craig, Robert</td>
<td>178, 319, 454 V10</td>
</tr>
<tr>
<td>Crawford, A.</td>
<td>320 V10</td>
</tr>
<tr>
<td>Cressent, Charles, pedestal clock with Graham movement</td>
<td>806 V10</td>
</tr>
<tr>
<td>Cumming, Alexander</td>
<td>637 V10</td>
</tr>
<tr>
<td>Deacon, Samuel</td>
<td>492 V10</td>
</tr>
<tr>
<td>Delander, Daniel</td>
<td>640 V10</td>
</tr>
<tr>
<td>walnut case</td>
<td>730, 768, 884 V10</td>
</tr>
<tr>
<td>year-going</td>
<td>386 V10</td>
</tr>
<tr>
<td>Delaunce, James</td>
<td>730 V10</td>
</tr>
<tr>
<td>Dewe, John</td>
<td>774 V10</td>
</tr>
<tr>
<td>Dickie, Andrew</td>
<td>351 V10</td>
</tr>
<tr>
<td>Dickens, John</td>
<td>420 V10</td>
</tr>
<tr>
<td>Dobbie, John</td>
<td>60, 319, 449 V10</td>
</tr>
<tr>
<td>Dougal, G.</td>
<td>319 V10</td>
</tr>
<tr>
<td>Douglas, C &amp; J</td>
<td>319 V10</td>
</tr>
<tr>
<td>Drysdale, William</td>
<td>319 V10</td>
</tr>
<tr>
<td>Duchesne, Claude</td>
<td>426 V10</td>
</tr>
<tr>
<td>Duff, David</td>
<td>69, 319 V10</td>
</tr>
<tr>
<td>Duff, Thomas</td>
<td>60, 320 V10</td>
</tr>
<tr>
<td>East, Edward V10</td>
<td>1¼ seconds pendulum</td>
</tr>
<tr>
<td>Clockmakers' Company Collection</td>
<td>611 V10</td>
</tr>
<tr>
<td>East, Peter, marquetry case</td>
<td>831 V10</td>
</tr>
<tr>
<td>Ebsworth, John (brief reference)</td>
<td>24 V10</td>
</tr>
<tr>
<td>Egter, Pieter</td>
<td>832 V10</td>
</tr>
<tr>
<td>Ellicott, John, mahogany case</td>
<td>801 V10</td>
</tr>
<tr>
<td>Ellicott of London, month-going</td>
<td>351 V10</td>
</tr>
<tr>
<td>Etherington, George, V10</td>
<td>lacquer case</td>
</tr>
<tr>
<td></td>
<td>marquetry case</td>
</tr>
<tr>
<td>Etherington of London (stolen)</td>
<td>732 V10</td>
</tr>
<tr>
<td>Evans, John</td>
<td>629 V10</td>
</tr>
<tr>
<td>Faichney, William ?</td>
<td>319 V10</td>
</tr>
<tr>
<td>Fell, John</td>
<td>730 V10</td>
</tr>
<tr>
<td>Ferenbach, M. &amp; D</td>
<td>185, 319 V10</td>
</tr>
<tr>
<td>Fisher, John</td>
<td>859 V10</td>
</tr>
<tr>
<td>Forest, Simon</td>
<td>68, 320 V10</td>
</tr>
<tr>
<td>Foster, Joseph, month-going</td>
<td>720 V10</td>
</tr>
<tr>
<td>Fox, John (stolen)</td>
<td>352 V10</td>
</tr>
<tr>
<td>Fromanteel, Ahasuerus</td>
<td>551, 560, 563, 567 V10</td>
</tr>
<tr>
<td>Gardner, John</td>
<td>319, 324 V10</td>
</tr>
<tr>
<td>Gill, Peter</td>
<td>319, 453 V10</td>
</tr>
<tr>
<td>Golder, John</td>
<td>317, 319, 323 V10</td>
</tr>
<tr>
<td>Gordon, John</td>
<td>457 V10</td>
</tr>
<tr>
<td>Gordon of Edinburgh</td>
<td>537 V10</td>
</tr>
<tr>
<td>Gould, Christopher</td>
<td>351 V10</td>
</tr>
<tr>
<td>Name</td>
<td>Volume</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Gould, Christopher</td>
<td>24</td>
</tr>
<tr>
<td>Graham, John</td>
<td>186, 187, 320</td>
</tr>
<tr>
<td>Gravell &amp; Tolkein, no. 3615</td>
<td>405</td>
</tr>
<tr>
<td>Gray &amp; Vulliamy, walnut case</td>
<td>792</td>
</tr>
<tr>
<td>Gray, James</td>
<td>68, 319</td>
</tr>
<tr>
<td>Gregg, Francis</td>
<td>888</td>
</tr>
<tr>
<td>Grimalde, Peter</td>
<td>629</td>
</tr>
<tr>
<td>Grimes, Thomas</td>
<td>672</td>
</tr>
<tr>
<td>Halifax, John</td>
<td>152, 385</td>
</tr>
<tr>
<td>Halliday, James</td>
<td>184, 319</td>
</tr>
<tr>
<td>Hallifax, Joseph</td>
<td>833</td>
</tr>
<tr>
<td>Hamilton, John</td>
<td>448</td>
</tr>
<tr>
<td>Hannivel, L.</td>
<td>351</td>
</tr>
<tr>
<td>Harpur, Henry</td>
<td>24</td>
</tr>
<tr>
<td>Harris, Stephen</td>
<td>351</td>
</tr>
<tr>
<td>Hartley, Thomas</td>
<td>629</td>
</tr>
<tr>
<td>Harvey, John</td>
<td>350</td>
</tr>
<tr>
<td>Hayler, William</td>
<td>629</td>
</tr>
<tr>
<td>Henderson, John</td>
<td>455</td>
</tr>
<tr>
<td>Higgs, Robert</td>
<td>832</td>
</tr>
<tr>
<td>Hill, John</td>
<td>350</td>
</tr>
<tr>
<td>Hodges, John</td>
<td>832</td>
</tr>
<tr>
<td>Holloway, William</td>
<td>629</td>
</tr>
<tr>
<td>Holmes, John</td>
<td>720</td>
</tr>
<tr>
<td>Hood, John</td>
<td>319, 325</td>
</tr>
<tr>
<td>Howie, A.</td>
<td>320</td>
</tr>
<tr>
<td>Howie, Thomas</td>
<td>176, 319</td>
</tr>
<tr>
<td>Howieson, John</td>
<td>320, 454</td>
</tr>
<tr>
<td>Hubert, David</td>
<td>516</td>
</tr>
<tr>
<td>Jackman, Joseph</td>
<td>650</td>
</tr>
<tr>
<td>Jacob, Ben.</td>
<td>501</td>
</tr>
<tr>
<td>Jefferys, John</td>
<td>893</td>
</tr>
<tr>
<td>Johnson, Benjamin, marquetry case</td>
<td>10</td>
</tr>
<tr>
<td>Johnson, John</td>
<td>530</td>
</tr>
<tr>
<td>Johnstone, John</td>
<td>319</td>
</tr>
<tr>
<td>Johnstone, Joseph</td>
<td>319</td>
</tr>
<tr>
<td>Jones, Henry</td>
<td>417</td>
</tr>
<tr>
<td>Jordan, James</td>
<td>629</td>
</tr>
<tr>
<td>Kefford, Thomas</td>
<td>730</td>
</tr>
<tr>
<td>Keir, Peter</td>
<td>179, 182, 319</td>
</tr>
<tr>
<td>Kenning, William</td>
<td>730</td>
</tr>
<tr>
<td>Kinzing of Neuwied</td>
<td>589–594</td>
</tr>
<tr>
<td>Kipling, William, musical</td>
<td>418</td>
</tr>
<tr>
<td>Kirk, Joseph</td>
<td>131</td>
</tr>
<tr>
<td>Kirkwood, A.</td>
<td>320</td>
</tr>
<tr>
<td>Knibb, John, Ashmolean Museum</td>
<td>485</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>quarter-striking</td>
</tr>
<tr>
<td></td>
<td>three-month duration</td>
</tr>
<tr>
<td>Knottesford, William</td>
<td>519</td>
</tr>
<tr>
<td>Laing, G.</td>
<td>319, 326</td>
</tr>
<tr>
<td>Lane, William</td>
<td>629</td>
</tr>
<tr>
<td>Langwith, Samuel</td>
<td>492</td>
</tr>
<tr>
<td>Law, Alexander</td>
<td>67</td>
</tr>
<tr>
<td>Lefaucheur, Alexandre</td>
<td>807</td>
</tr>
<tr>
<td>Lewis, John</td>
<td>629</td>
</tr>
<tr>
<td>Lithgow, William</td>
<td>320</td>
</tr>
<tr>
<td>Name</td>
<td>Page(s)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Littlemore of Frodsham</td>
<td>21</td>
</tr>
<tr>
<td>Livingstone, Andrew</td>
<td>319</td>
</tr>
<tr>
<td>Lloyd, Richard</td>
<td>351</td>
</tr>
<tr>
<td>Long, John</td>
<td>373</td>
</tr>
<tr>
<td>Lowe, Alex.</td>
<td>319</td>
</tr>
<tr>
<td>Lowe, Charles</td>
<td>319</td>
</tr>
<tr>
<td>Lowe, James</td>
<td>319</td>
</tr>
<tr>
<td>Lumsden, G.</td>
<td>320</td>
</tr>
<tr>
<td>McArro, Robert</td>
<td>450</td>
</tr>
<tr>
<td>McGilchrist, John</td>
<td>177, 320</td>
</tr>
<tr>
<td>Major of Schofield</td>
<td>351</td>
</tr>
<tr>
<td>Markwick, James</td>
<td>14</td>
</tr>
<tr>
<td>Marshall, James</td>
<td>320</td>
</tr>
<tr>
<td>Marshall of Glasgow</td>
<td>319</td>
</tr>
<tr>
<td>Marshall, William</td>
<td>319</td>
</tr>
<tr>
<td>Marshall, William</td>
<td>178</td>
</tr>
<tr>
<td>Martin, J.</td>
<td>22</td>
</tr>
<tr>
<td>Mason, Robert</td>
<td>319</td>
</tr>
<tr>
<td>Mason, Robert, longcase clock</td>
<td>63</td>
</tr>
<tr>
<td>Mason, William</td>
<td>720</td>
</tr>
<tr>
<td>Matthewson, Andrew</td>
<td>649, 772</td>
</tr>
<tr>
<td>Mends, Benjamin</td>
<td>425, 865</td>
</tr>
<tr>
<td>Merriman, Benjamin</td>
<td>770</td>
</tr>
<tr>
<td>Miles, George</td>
<td>730</td>
</tr>
<tr>
<td>Miller, Alex.</td>
<td>320</td>
</tr>
<tr>
<td>Miller, David</td>
<td>319</td>
</tr>
<tr>
<td>Milne, Robert</td>
<td>320</td>
</tr>
<tr>
<td>Mitchell &amp; Son</td>
<td>184, 319</td>
</tr>
<tr>
<td>Mitchell, Alex.</td>
<td>319</td>
</tr>
<tr>
<td>Morrison, J. &amp; Sons</td>
<td>350</td>
</tr>
<tr>
<td>Mortimer, William</td>
<td>350</td>
</tr>
<tr>
<td>Mudge &amp; Dutton</td>
<td>143</td>
</tr>
<tr>
<td>Mudge &amp; Dutton, mahogany case</td>
<td>291</td>
</tr>
<tr>
<td>Mudge, Thomas, musical</td>
<td>289</td>
</tr>
<tr>
<td>Munro, John</td>
<td>319</td>
</tr>
<tr>
<td>Murdoch, James</td>
<td>319, 321, 456</td>
</tr>
<tr>
<td>Newby of Kendal</td>
<td>629</td>
</tr>
<tr>
<td>Nicholson, Berrick</td>
<td>350</td>
</tr>
<tr>
<td>Nicholson, Thomas</td>
<td>330</td>
</tr>
<tr>
<td>Nimmo, N.</td>
<td>319</td>
</tr>
<tr>
<td>Northcote, Samuel</td>
<td>333</td>
</tr>
<tr>
<td>Ogden, Barnard</td>
<td>666</td>
</tr>
<tr>
<td>Ogden, Thomas</td>
<td>730, 830</td>
</tr>
<tr>
<td>Ogg, Hendrie</td>
<td>59, 180, 181</td>
</tr>
<tr>
<td>Osborne, William</td>
<td>350</td>
</tr>
<tr>
<td>Owen, Watkin</td>
<td>620</td>
</tr>
<tr>
<td>Pannell, Hugh</td>
<td>536</td>
</tr>
<tr>
<td>Parsons, John</td>
<td>720</td>
</tr>
<tr>
<td>Passmore, William</td>
<td>623</td>
</tr>
<tr>
<td>Peat, Thomas</td>
<td>177, 319</td>
</tr>
<tr>
<td>Peddie, James</td>
<td>320</td>
</tr>
<tr>
<td>Peers, Benjamin, musical</td>
<td>93</td>
</tr>
<tr>
<td>Penman, Margaret</td>
<td>185</td>
</tr>
<tr>
<td>Peters, David</td>
<td>319</td>
</tr>
<tr>
<td>Peters of Arbroath</td>
<td>327</td>
</tr>
<tr>
<td>Petrie, William</td>
<td>319</td>
</tr>
<tr>
<td>Phillips of Oswestry</td>
<td>629</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Pinchbeck, Christopher 730
Pollard of Crediton (stolen) 352
Prime, Andrew 650, 774
Puller, Jonat., month-going 478
Quare & Horseman, month-going 773
Quare, Daniel no. 157 478
Ramsbottom, John 478
Richter, J.E. 16
Robertson, A 61
Robertson, A. 320
Robertson, D. 320
Rogers, Isaac, musical 351
Rollinson, Dollif 832
Rose, Nicholas 623
Russell, David 769
Russell, W. 179
Russell, William 320
Rutherford, Michael 319
Rutherford, William 319
Saer, Joseph 730
Scott, Alex. 320
Scott, George 519, 730
Scott, John 320
Scott, Peter 320
Scottish, painted dial 173–188
Shakeshaft of Preston 629
Sharpe, Francis 319
Shaw, John 769
Shedden, Charles 320, 328, 459
Shortman, S. 620
Slinman, William 319
Smith, John 61, 320
Smith, John, lunar indication 62
Smith, Samuel 351
Solomon, Thomas 629
Somerville, Robert 319
spandrel paintings 317
Spark, William 63, 319
Stanton 769
Staples, James, 30-hour 351
Stevens, John 351
Stewart, John 319
Stokes, W., marquetry case 351
Stonehouse of Leeds 629
Stones, Thomas 126
Stones, Thomas, month-going 126
Storr, Batty 629
Storr, Marmaduke 542
Street, Richard, 15-minute dial 199
Tantum, Francis 22
Taylor, Thomas 319
Thor, Samuel 103
Tickle, William 629
Tinham, Samuel 286, 501
Tipling, William 501
Titherton, John, marquetry case 420
Tocher & Mitchell 319
Cumulative Index for Antiquarian Horology Volumes 10 to 19
Compiled by Edward Powell @ AHS 2006

Tomlinson of Workington 679
Tomlinson, William 720
Tompion, Thomas 611
Clockmakers' Company Collection 148
floral marquetry case 351
month-going 784
Trubshaw, John 720
Turner, Thomas 720
Tyhnysen, Dirk (stolen) 826
Waldie, William 319
Walker, John 720
Walker, Robert 320
Wallace, John 64, 320
Wallis, Joseph 720
Watkins, Richard (stolen) 826
Watson, Henry 517
Watt, John 450
Watts, Brounker 603
Webster, William 769
later case 350
mahogany case 778
Wightman, Alex. 320
Wightman, Alexander 186
Wilkie, James 319
Williamson, John 622
Wilmshurst, Ninyon 737
Wilshire & Link 350
Wilson, David 319, 326
Wilson, James 320, 452
Windmills & Elkins, quarter-striking 351
Windmills, Joseph 774
marquetry case 292
Windmills, Joseph, month-going 501
walnut case 720, 787
Wise, Peter 720
Wiseman, James 317, 319, 325
Wison, David 317
Wood, Daniel 13
Wood, William 319, 321
Wright, Edmond, year going 11
Wyke, John 730
Yuill, Robert 319

Longcase Clock, The, by Eric Bruton, reviewed 856
Longitude, Gemma Frisius and Christiaan Huygens 553
Paris 597

Loomes, Brian 608, 733
book review 744
Country Clocks and their London Origins, reviewed 102
Painted Dials (letter) 624
Powley of Ashby (letter) 362
Recording Makers, (letter) 592
Samuel Marchant (letter) 626
Lorraine, Karl 828–834
Loseby, E.T., marine chronometer no. 122 85–86
Lotherton Hall, clocks at 86
Loveday, M.S., Westminster clock, report
<table>
<thead>
<tr>
<th>Name</th>
<th>Topic</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lowe, Alex.</td>
<td>longcase clock</td>
<td>319V10</td>
</tr>
<tr>
<td>Lowe, Charles</td>
<td>longcase clock</td>
<td>319V10</td>
</tr>
<tr>
<td>Lowe, James</td>
<td>longcase clock</td>
<td>319V10</td>
</tr>
<tr>
<td>Lowndes, Jonathan</td>
<td>bracket clock</td>
<td>24V10</td>
</tr>
<tr>
<td>Lumsden, G.</td>
<td>longcase clock</td>
<td>320V10</td>
</tr>
<tr>
<td>Lumsden, George</td>
<td></td>
<td>57, 865V10</td>
</tr>
<tr>
<td>Lunar Gear Trains</td>
<td>letter from A.B. Partridge</td>
<td>367V10</td>
</tr>
<tr>
<td>Lunar Gear Trains</td>
<td>letter from Peter H. Buckley</td>
<td>870V10</td>
</tr>
<tr>
<td>Lunar indication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ogden, Thomas</td>
<td>longcase clock</td>
<td>830V10</td>
</tr>
<tr>
<td>Smith, John</td>
<td>longcase clock</td>
<td>62V10</td>
</tr>
<tr>
<td>Wallace, John</td>
<td>longcase clock</td>
<td>64V10</td>
</tr>
<tr>
<td>Lund. see Barraud &amp; Lund</td>
<td></td>
<td></td>
</tr>
<tr>
<td>lyre clock. see Mantel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>McCrara, Robert</td>
<td>longcase clock</td>
<td>450V10</td>
</tr>
<tr>
<td>McCabe, family members</td>
<td></td>
<td>308V10</td>
</tr>
<tr>
<td>McCabe &amp; Company, British Watch and Clockmaking Company</td>
<td>710V10</td>
<td></td>
</tr>
<tr>
<td>McCabe and Other Matters, letter from M.J. Farey</td>
<td>487V10</td>
<td></td>
</tr>
<tr>
<td>McCabe, James</td>
<td></td>
<td></td>
</tr>
<tr>
<td>biography</td>
<td></td>
<td>308V10</td>
</tr>
<tr>
<td>bracket clock</td>
<td></td>
<td>487V10</td>
</tr>
<tr>
<td>carriage clock</td>
<td></td>
<td>205V10</td>
</tr>
<tr>
<td>carriage clock no. 3352</td>
<td></td>
<td>119V10</td>
</tr>
<tr>
<td>clock numbering series</td>
<td></td>
<td>316V10</td>
</tr>
<tr>
<td>company names and addresses</td>
<td></td>
<td>313V10</td>
</tr>
<tr>
<td>duplex watch</td>
<td></td>
<td>769V10</td>
</tr>
<tr>
<td>mantel clock no. 2227</td>
<td></td>
<td>848V10</td>
</tr>
<tr>
<td>marine chronometer no.167</td>
<td></td>
<td>316V10</td>
</tr>
<tr>
<td>wall clock, no. 2505</td>
<td></td>
<td>469V10</td>
</tr>
<tr>
<td>watch-case makers for</td>
<td></td>
<td>310V10</td>
</tr>
<tr>
<td>watch certificate</td>
<td></td>
<td>314V10</td>
</tr>
<tr>
<td>watch no. 10</td>
<td></td>
<td>308V10</td>
</tr>
<tr>
<td>watch no. 453</td>
<td></td>
<td>311V10</td>
</tr>
<tr>
<td>watch no. 4411</td>
<td></td>
<td>617V10</td>
</tr>
<tr>
<td>watch no. 8260</td>
<td></td>
<td>489V10</td>
</tr>
<tr>
<td>watch no. 8886</td>
<td></td>
<td>311V10</td>
</tr>
<tr>
<td>watch no. 13602</td>
<td></td>
<td>617V10</td>
</tr>
<tr>
<td>watch, no.17774</td>
<td></td>
<td>489V10</td>
</tr>
<tr>
<td>Watch numbers request for (letter)</td>
<td></td>
<td>617V10</td>
</tr>
<tr>
<td>McCready, Thomas</td>
<td></td>
<td>865V10</td>
</tr>
<tr>
<td>MacDonald, H.S.</td>
<td>dial maker</td>
<td>320V10</td>
</tr>
<tr>
<td>Macé of Paris</td>
<td>bracket clock</td>
<td>645V10</td>
</tr>
<tr>
<td>McGilchrist, John</td>
<td>longcase clocks</td>
<td>177, 320V10</td>
</tr>
<tr>
<td>McIntyre, Peter</td>
<td>A Wonderful Clock (George Graham regulator)</td>
<td>744–745V10</td>
</tr>
<tr>
<td>McKay, C.G. (Chris)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>book review</td>
<td></td>
<td>852V10</td>
</tr>
<tr>
<td>Jullion Turret Clock (letter)</td>
<td></td>
<td>490V10</td>
</tr>
<tr>
<td>The Turret Clocks of the James Harrisons, lecture</td>
<td>862V10</td>
<td></td>
</tr>
<tr>
<td>William Wynn (letter)</td>
<td></td>
<td>486V10</td>
</tr>
<tr>
<td>McMaster &amp; Son</td>
<td></td>
<td></td>
</tr>
<tr>
<td>'five-glass' mantel clock</td>
<td></td>
<td>478V10</td>
</tr>
<tr>
<td>four-glass clock (stolen)</td>
<td></td>
<td>826V10</td>
</tr>
<tr>
<td>MacMaster, K.J.C</td>
<td>Regulator by Samuel Thorp, Abberley</td>
<td>583–585V10</td>
</tr>
<tr>
<td>Maddison, Francis</td>
<td>Theft of Watches (letter)</td>
<td>738V10</td>
</tr>
<tr>
<td>Magnetic clock, by Geoffrey Bell</td>
<td></td>
<td>761V10</td>
</tr>
</tbody>
</table>
Mainbray, Stephen de, astronomer 302
Mainspring makers, Cotton, George & Son 344
Mairet, Sylvain 699
Maitzner & Moreau, La Comtoise: La Morbier: La Morez, reviewed 40
Major of Scholfield, longcase clock 351
Maltin, M., A Simple Time Receiver, lecture 613
Man and Time, exhibition 88
Mann & Stevens, watch no. 315 585
mantel clock anonymous, Austrian 659
anonymous, Boule case 539
anonymous, French (stolen) 352
anonymous, lyre clock (stolen) 476
Baffert of Paris 804
Baltazar of Paris 805
Baltazard of Paris (stolen) 352
Barwise of London 654
Bell, John 665
Causard of Paris 469
Champion of Walworth (stolen) 826
Dent of London no. 1337 125
Desbois of London 654
Finer & Nowland 29
Heber, E. (stolen) 731
Hunziker, Ad. (stolen) 625
Le Noir, Etienne 805
Le Roy, Julien, globe clock, Cupid Conquering Time 808
Le Roy of Paris, no. 46518 (stolen) 476
Lesure of Paris (stolen) 604
McCabe, James, no. 2227 848
McMaster & Son 'five-glass' clock 478
four-glass clock (stolen) 826
Marc, Henry (stolen) 476
Mark, Richard (stolen) 604
Marti et Cie (stolen) 476
Parkinson & Frodsham 469
Payne of London 9
Perigal of London 478
Pinchbeck, Christopher 848
Roque of Paris, vase clock 808
Sarton, Humbert 469
Stewart, James, balloon case 833
Vincenti of Paris 810
Vulliamy, Benjamin, no. 246 834
Vulliamy of London, nos. 822, 841 and 1330 26
Manton, J., British Watch Making Company (letter) 870
Marc, Henry, mantel clock (stolen) 476
Marchant, Samuel, biography 362
Margaret of York 819
Marie Louise, Empress 699
Marine Escapements, lecture by Dr. Serge Pechin 94
Mark, Richard, mantel clock (stolen) 604
Markwick, James, longcase clock, musical 14
Markwick, Markham bracket clock, musical 478
bracket clock, tortoise-shell case, musical 285
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Markwick, Markham, Perigal, bracket clock, Turkish-market (stolen) 827

Marquetry case V10

Baker, Richard, longcase clock 785 V10
East, Peter, longcase clock 831 V10
Etherington, George, longcase clock 536 V10
Gould, Christopher, longcase clock 351 V10
Hannivel, L., longcase clock 351 V10
Harris, Stephen, longcase clock 351 V10
Johnson, Benjamin, longcase clock 10 V10
Markwick, James, longcase clock 14 V10
Martin, J., longcase clock 22 V10
Osborne, William, longcase clock 350 V10
Stevens, John, longcase clock 351 V10
Stokes, W., longcase clock 351 V10
Tantum, Francis, longcase clock 22 V10
Titherton, John, longcase clock 420 V10
Windmills, Joseph, longcase clock 292 V10
Wise, John, longcase clock 149 V10
Wise, Peter, longcase clock 787 V10
Wright, Edmond, longcase clock 11 V10

Marquis of Worcester, The, by Rita Shenton 82–84 V10
Marriott, bracket clock (stolen) 352 V10
Marsden, A., Dedrick Smith (letter) 96 V10
Marshall, James, longcase clock 320 V10
Marshall of Glasgow, longcase clock 319 V10
Marshall, William, longcase clocks 178, 319 V10
Marti et Cie, mantel clock (stolen) 476 V10
Martin. see Baskett Martin & Company V10
Martin, Benjamin..., by John R. Milburn, reviewed 608 V10
Martin, Dr. Hedley G., A Fuss Around a Fusee 573–579 V10
Martin, George 832 V10
Martin, Hedley, The Fusee Clock Restoration (letter) 866 V10
Martin, J., longcase clock, month-going 22 V10
Martin, John, longcase clock, month-going 286 V10
Martineau, Joseph, snr., coach-watch 585 V10
Martinot, Balthazar, Bracket clock 419 V10
Marton, John, sculptor 48 V10
Martyn, J.N., bracket clock, musical 848 V10
Mary I 43 V10
Maskelyn, Nevil 165 V10
Mason, Charles 165 V10
Mason, Robert, longcase clock 319 V10
Mason, Robert, longcase clock 63 V10
Mason, William, longcase clock 720 V10
Massey Family, The Lecture by Alan Treherne 484–485 V10
Masson of Paris, bracket clock 606–608 V10
Massy, Henry, bracket clock, tortoise-shell case 468 V10
watch 769 V10
Masters, John Neve, clockmaker 46, 49 V10
Material dealers of Clerkenwell 341–344 V10
Matthews, John V10
Repeating Watches (letter) 363 V10
Watch by Edward Cockey, jnr. (letter) 363 V10
Matthews of London, various, watch-case makers 572 V10
Matthews, Samuel Frederick, watch case maker 572 V10
Matthewson, Andrew, longcase clock 649, 772 V10
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Mauer, Lukas Voch, reviewed 850

Maurice, Klaus, Die Deutscher Räderuhr, reviewed 347–348

Maxted, Ian, National Index of Clockmakers 293

May, Hugh 559

Eltham Lodge 562

May, John, watch 360

May, John, jnr, watch no. 3817 360

May Thomas 684

Mayer, Jac., coach-watch 889

Mayr, Georg, astronomical table clock 777, 813

Mechelen, H.F.N. van, replica Liechti clock (letter) 102

Mechelen, H.F.N. van, replica Liechti clock (letter) 102

Meisen figures 810

Meister der Uhrmacherkunst, by Jürgen Abeler, reviewed 735

Members, new 1977 211

Memess, Robert, William and Alfred 687

Mends, Benjamin, longcase clock 425

Metal Fatigue in Escapements, L.P. Pook (letter) 95

Mercury Politicus 555

Meredith, Sir William, MP 37

Merriman, Benjamin, longcase clock 771

Meryon, C.P. 46

Meudell. see Bell & Meudell

Mexico, Two Historic Clocks in, by G. Spencer 571–572

Michel, H.C. sculptor 812

middle temperature error. see Balance

Mielot, Jean 824

Milburn, John R., Benjamin Martin...., reviewed 608

Mildred, Frederick 709

Miles, George, longcase clock 730

Millburn, John R. 319

James Ferguson's Tidal Clocks 331–335

Tidal Dials (letter) 366

Miller, Alex., longcase clock 320

Miller, David, longcase clock 319

Miller, John, Bracket clock, ebony veneered 2

Miller, Leonard F. 146

book review 609

L.F. Suffolk Clocks & Clockmakers (letter) 99

obituary 842

The Turret Clocks of Wherstead Hall, Suffolk 684–687

Mitton, Robert, longcase clock 320

Mitchell. see Tocher & Mitchell

Mitchell & Nettell, An Electric Turret Clock by Shepherd 460–463

Mitchell & Son, longcase clocks 184, 319

Mitchell, Alex., longcase clock 319

Mitchell, Arthur, "Electrifying Time" Exhibition 206–211

Mitchell, J.M. Watch By William Webber, Woolwich (letter) 363
Mitton, Brian F. Barraud Chronometer (letter) 99
Moberly, Kenneth, Thos. Beatson (letter) 743
Moginie of Pimlico, bracket clock, musical 468
Mohren, J., year-going wall regulator 138
Molland, Bo 81
Molyneux, R. & H., marine chronometer nos. 1785 & 1834 598
Molyneux, Robert, watch no. 1644 489
Moncony, Balthazar 566
Montgomery, Professor Charles, American Longcase Clocks as Furniture, lecture 858
Moore, C.N. 93
Moore, C.N., Clockmaker's Punch (letter) 618
Moore, Nicholas, Chester Clocks and Clock-makers, reviewed 87
Moore, Roger, clockmaker 684
Moore, Thomas, turret clock 351
Moore, Thomas, clockmaker 684
Moore, Thomas, two-way winding fusee, letter from L.F. Miller 99
Moreau. see Maitzner & Moreau
Moreland, Thomas, travelling clock no. 195 100–101
Moreland, Thomas, portable alarm 364
Moreland, Thomas, turret clock maker 93
Morland, Sir Samuel, barometer, diagonal 303
Mornwetz, K. 687
Morrison, J. & Sons, longcase clock 350
Mortimer, William, longcase clock 350
Motel, Henri
connections with Breguet 491
watch no. 44 491
Motley, Richard, bracket clock 22
MRM, punched on stolen carriage clock 354
Mudge & Dutton
longcase clock 143
longcase clock, mahogany case 291
Mudge, Thomas
biography 580
chronometer 'Green' 715–719
equation watch for Ellicott 580
friend of James Ferguson 333–334
longcase clock, musical 289
marine timekeeper 'Green' 130
Marine Timekeeper No.1 717
portrait 372
regulator, month-going 351
Mudge, Thomas, jnr. A Description with Plates... reprint reviewed 471–472
Mudge, Thomas, Some Observations on the Timekeepers of, by Beresford Hutchinson 715–719
Mudge, Thomas, Timekeepers of, letter from Cedric Jagger 866
Mudge, Thomas, Two Letters Addressed to, by A.J. Turner & A.C. Crisford 580–582
Muedell. see Bell & Muedell
Mühe & Vogel, Alte Uhren, reviewed 469
Müller, Andreas, Astronomical clock 616
Monro, John, longcase clock 319
Murdoch, James, longcase clock 319, 321, 456
Murray & Strachan, chronometer makers 316
Murray, James
British Watch and Clockmaking Company 710
Muses 829
museum
Bristol, watches stolen from 732
Chester, Grosvenor Museum, AHS visit 1976 93
Dresden, Mathematisch-Physikalische Salon 719
Dresden, Mathematisch-Physikalisches Salon, Emery watch 103
Exeter
Royal Albert Museum 739
Frankfurt-Main
Goethehaus 589–594
Hastings 743
Haworth, Bronte Museum 743
Liverpool 32
Merseyside County Museum 296, 302, 306
London, Guildhall, AHS visit 1977 611
   National Maritime Museum, The Planispheric Astrolabe, reviewed 734
   Science Museum 303, 570
   Wallace Collection 806
   British Museum, AHS visit 1976 93
   National Maritime Museum, Ellicott portable observatory regulator 133
   Symposium 40
   Science Museum, exhibition, Landmarks of Horological Printing 205
New York, Metropolitan Museum of Art 615–616
Oxford
   Ashmolean Museum 485
   Museum of the History of Science 485, 582
   Watches stolen from 738
   Paris, Bibliothèque de l'Arsenal 806
   Rockford, Illinois, Time Museum 613–615, 719
   York, Castle Museum 360
music, clock inspired 491
musical box, Nicole Frères 390
musical clock see also Chimes
musical clock
   anonymous, French, pedestal clock with Orpheus figure 812
   anonymous, skeleton clock 760
   Ashton, Thomas, longcase clock 730
   Barnes, Nath. 478
   Drury, John, bracket clock 137
   Dutton, William 161
   Finney, Joseph 34, 296
   Fisher, John, longcase clock 859
   Hamilton, John, longcase clock 448
   Kipling, William, longcase clock 418
   Le Noir, Etienne, mantel clock 805
   Markwick, James, longcase clock 14
   Markwick Markham, bracket clock 478
   Markwick Markham, tortoise-shell case 285
   Martyn, J.N., bracket clock 848
   Moginie of Pimlico, bracket clock 468
   Morrison, J. & Sons, longcase clock 350
   Mudge, Thomas, longcase clock 289
   Peers, Benjamin, longcase clock 93
   Perigal, Francis 765
   Perigal, Francis, Turkish market 652
   Phillips, Joseph, wall clock 793
   Purser, J. bracket clock (stolen) 604
   Pyke, George, organ clock 828–829
   Rogers, Isaac, longcase clock 351
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Smith, Dedrick 96^V10
Smith, Gabriel, bracket clock 469^V10
tune titles 295, 297, 299^V10
Vincenti of Paris, mantel clock 810^V10
Williamson of London, bracket clock 396^V10
Musical Clock Terminology, letter from Arthur Orde-Hume 490^V10
Musical watch, McCabe, James, no. 460 315–316^V10
Musschenbrock, Jan van, pyrometers 304^V10
Muston, George, chronometer no. 455 597–598^V10
Muston of Bristol, British Watch and Clockmaking Company 709^V10
Mays, Jonannes, lantern clock 697^V10
Myuel of Paris, pedestal clock 806^V10
N
Nafuci, Isaac 725^V10
Nafuci, Juceffus 725^V10
Nairn, Lady 318^V10
Name dial. see Dial, name as chapters^V10
Nasmyth, Alexander 57^V10
National College of Horology 95^V10
National Company for the Manufacture of Watches 708^V10
National Metropolitan Watch and Chronometer Making Company 708^V10
National Magazine 596^V10
Nauwen, Michael, watch 360^V10
Naylor, John 33^V10
Nelthropp, Rev. H.L., donation to the Clockmakers' Company 198^V10
Neptune and sea nymphs, night clock dial 5^V10
Nethercote, George, turret clock 70^V10
Nettell. see Torsten & Nettell^V10
Nettell, D.F. 10
The Hornblotton Clock, lecture 863^V10
Shepherd's Electric Turret Clock (letter) 740^V10
New Zealand Watchmakers, letter from Christopher Glazebrook 865^V10
Newby of Kendal, longcase clock 629^V10
Newcastle clockmakers (research request) 365^V10
Newmarket, Prince's Lodging 561^V10
Newton, Sir Isaac 200^V10
Newy, B. 863^V10
Nichols, J.R., A Tuneable Set of Chimes 728–730^V10
Nicholson, Berrick, longcase clock 350^V10
Nicholson, Thomas^V10
Nicholson, Thomas, continued, ^V10
longcase clock 329^V10
Nicole Frères, musical box 390^V10
Nicole, Nielsen Ltd., watch makers 345^V10
Niehus Brothers, watch and clock factors 720–721^V10
Nielsen, Emile, watch-case maker 345^V10
night clock^V10
Calin, Jo. Pietre 468^V10
Campanus, Pietro Tommaso 5^V10
Nimmo, N., longcase clock 319^V10
Nixseaman, Rev. A.J. 10
death notice 172^V10
turret clock records 352^V10
nocturnal^V10
anonymous, French ? 615^V10
York Castle Museum 360^V10
Nonsuch, French Clockmakers at, letter from A.J. Hardingham 867^V10
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Noon Mark Sundial in Malta by Louise Wilmot 464
Norfolk, Duke of 559
Norris, Edward, lantern clock 828, 831
North, J.D., Richard of Wallingford..., reviewed 472–474
North London Section letter from Peter K. Thomas 738
North, Robert, watch-case maker 345
Northcote, Lewis Stafford, obituary 354
Northeastcote, Samuel longcase clock, tidal dial 333
Northeastcote, Samuel longcase clock with tidal dial 331
Norton, Eardley bracket clock, no. 1221 779
Norton, Eardley bracket clock (stolen) 732
Norwich Cathedral Priory, turret clock 195

O
obituary
Laycock, Wiliam 196
Miller, Leonard 842
Nixseaman, Rev. A. J. 172
Northcote, Lewis Stafford 354
Simoni, Antonio 88
observatories, world list of 40
observatory
Edinburgh 208, 343
George III's, Kew 34, 302
Greenwich Royal, Greenwich
Street, Richard, longcase clock 200
Tompion Thomas, sidereal clock 486
Herstmonceux, A.HS Visit, 1977 482–483
Liverpool 843–847
Ebenezer Henserson's prospectus 847
Ogden, Barnard, longcase clock 666
Ogden, Thomas, longcase clock 730, 830
Ogg, Hendrie, longcase clock 59, 66–67, 180, 181
Olivella, Ferrero d' 724
Oliver, A.T.and R.J., watch-case maker 345
Opperman, W., An "Improved Clock" 603
Orange, John
Anchor Conversions (letter) 618
Verge Conversions (letter) 866
Orde-Hume, Arthur, Musical Clock Terminology (letter) 490
Orme, Charles, barometer 872
Orpheus, pedestal clock 812
Osborne, dial maker 319
Osborne, clock dials 56
Osborne, William, longcase clock, marquetry case 350
Osbourne of Birmingham, dial maker 320
Ourscuen, Nicholas (Oursain), Hampton Cout Palace, turret clock 76
Owen
Owen, clock dial 56
Owen, J.G. Trevor, Shepherd's Electric Turret Clock (letter) 740
Owen of Birmingham, dial maker 173
Owen, Watkin, longcase clock 620
Oxford, Sheldonian Theatre 560
<table>
<thead>
<tr>
<th>Name</th>
<th>Volume</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pace, John</td>
<td>V10</td>
<td>507</td>
</tr>
<tr>
<td>Packert, Thom. (inscription)</td>
<td>V10</td>
<td>365</td>
</tr>
<tr>
<td>Pain, William</td>
<td>V10</td>
<td>815</td>
</tr>
<tr>
<td>Painted Dials, letter from Brian Loomes</td>
<td>V10</td>
<td>744</td>
</tr>
<tr>
<td>Painted Dials, Restoration of, lecture by S.G. Davies</td>
<td>V10</td>
<td>613</td>
</tr>
<tr>
<td>Pannell, Hugh</td>
<td>V10</td>
<td>536</td>
</tr>
<tr>
<td>Pantry clock, letter from Edmund Grimsley</td>
<td>V10</td>
<td>96</td>
</tr>
<tr>
<td>Parentalia by Christopher Wren</td>
<td>V10</td>
<td>564</td>
</tr>
<tr>
<td>Parisian Watch Company, The</td>
<td>V10</td>
<td>699</td>
</tr>
<tr>
<td>Park, W.D., Edward Cockey snr. (letter)</td>
<td>V10</td>
<td>363</td>
</tr>
<tr>
<td>Parke, Joseph, clockmaker</td>
<td>V10</td>
<td>295</td>
</tr>
<tr>
<td>Parker, Stephen, gunsmith</td>
<td>V10</td>
<td>684</td>
</tr>
<tr>
<td>Parkes, Daniel, Clock Mending, lecture</td>
<td>V10</td>
<td>858</td>
</tr>
<tr>
<td>Parkinson &amp; Frodsham, British Watch and Clockmaking Company</td>
<td>V10</td>
<td>710</td>
</tr>
<tr>
<td>Partridge, A.B.</td>
<td>V10</td>
<td>367</td>
</tr>
<tr>
<td>Passmore, William</td>
<td>V10</td>
<td>623</td>
</tr>
<tr>
<td>Patek Philippe</td>
<td>V10</td>
<td>506</td>
</tr>
<tr>
<td>Parson, John</td>
<td>V10</td>
<td>763</td>
</tr>
<tr>
<td>Parsons, John</td>
<td>V10</td>
<td>720</td>
</tr>
<tr>
<td>Partridge</td>
<td>V10</td>
<td>487</td>
</tr>
<tr>
<td>Payton, John</td>
<td>V10</td>
<td>155</td>
</tr>
<tr>
<td>Patek Philippe</td>
<td>V10</td>
<td>485</td>
</tr>
<tr>
<td>Paynter, James</td>
<td>V10</td>
<td>740</td>
</tr>
<tr>
<td>Paterson of Perth</td>
<td>V10</td>
<td>699</td>
</tr>
<tr>
<td>Paterson, James, dial maker</td>
<td>V10</td>
<td>461–462</td>
</tr>
<tr>
<td>Payne of London</td>
<td>V10</td>
<td>83</td>
</tr>
<tr>
<td>Pearson, Brian</td>
<td>V10</td>
<td>488</td>
</tr>
<tr>
<td>Peate, Iorweth C., Clock and Watch Makers in Wales, reviewed</td>
<td>V10</td>
<td>87</td>
</tr>
<tr>
<td>Pechin, Dr. Serge, Marine Escapements, lecture</td>
<td>V10</td>
<td>94</td>
</tr>
<tr>
<td>Pechstein, Leopold &amp; Pechstein</td>
<td>V10</td>
<td>195</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Peck of Clerkenwell, gilder 341
Peddie, James, longcase clock 320
peDESTAL clock. see longcase clock 320
Peers, Benjamin, musical longcase clock 93
pendANT maker. see watch-pendant maker 93
pendulum. see also free pendulum 93
compensated, Finney, Joseph 302
Dent's patent 599
early application in turret clock 45
early development of 614
early forms of regulation 357
Ellicott, John 351, 358
Ellicott, John, jnr 171–172
Ellicott of London 583–585
Holmes, John wood-rod 720
mercury, Alford of Brighton, regulator 404
Arnold & Dent, regulator no. 294 522
Payne of London, regulator 398
rhomboid 302
second and a quarter 10, 30, 730
Pendulum Clock, The Development of the, lectyre by E.L. Edwardes 357
Pendulum, The Development of, lecture by Seth Atwood 614
Penfold, John B., The Clockmakers of Cumberland, reviewed 609
Penman, Margaret, longcase clock 185
Pennington. see Howells & Pennington
Pennington, Pendleton and Others marine timekeeper 134
Pennington, Robert, Mudge 'copies' 718
Penton, Charles, bracket clock 543
Perigal, Francis, bracket clock 763
bracket clock, musical 765
bracket clock, Turkish market 652
Perigal of London bracket clock, Turkish market 544
musical clock 478
Perinot, Abraham, letter from D.C. Brown 622
Perpignan Castle 723
Perry, Thomas, watch-case maker 310
Peterkin, J., dial maker 58
Peterkin, Mrs. J., dial maker 58
Peters, David, longcase clock 319
Peters of Arbroath, longcase clock 327
Petrie, William, longcase clock 182, 319
Petterman, Charles, watch-case maker 310
Peyton Phelps, A., British Watch and Clockmaking Company 711
Pfeffenhauser, Wilhelm, table clock 660
Philcox, George, watch no. 170 740
Philip, Bert 343
Philip, Herbert 343
Philip, Robert, bracket clock 861
Phillips, Edouard, Treatise on the Balance Spring, English translation reviewed 857
Phillips, Joseph, wall clock 793
Phillips of Oswestry, longcase clock 629
Photographing Watches, lecture by A.G. Randall 735–736
Photographing Watches, The Technique of, by Anthony Randall 835–842
Pierpont Morgan Library 819
Pinchbeck, Christopher
- longcase clock 730
- mantel clock 848

Pinching, Dr.
- 602

Pinkie Manor, Edinburgh
- 161

Pinto, Manuel de
- 816

Pisan, Christine de
- 824

Plaister, J.E., Electric Turret Clocks, lecture
- 863

Pleasure, Myron, Dr. Essen on Relativity Theory (letter)
- 624

Pleisner, Paul, letter from G. Ahrens
- 103

Plowman, John Marks, editor of Antiquarian Horology
- 803

Pluet, Arthur, bracket clock
- 815

Polding, Mr
- 93

Pollard of Crediton, longcase clock (stolen)
- 352

Ponsford, Scott & Authors, Clocks and Clockmakers of Tiverton, reviewed
- 733

Pook, L.P., Metal Fatigue in Escapements (letter)
- 95

Poole, J.W., chronometer maker
- 345

Pooley. see Powley

Porthouse, Thomas, marine chronometer no. 6373
- 598

portrait
  - Howe, Admiral Richard, Earl
    - 164
  - Mudge, Thomas
    - 372

portraits, index of
- 570

Pouillet
- 699

Powell, Sir Alfred George Douglas Bt.
- 732

Power, James, British Watch and Clockmaking Company
- 709

Powley (Pooley) of Ashby, letter from Brian Loomes
- 102

Poy, Godfrin, bracket clock (stolen)
- 827

Pratt, Sir Roger
- 559
  - Clarendon House
    - 563

Pratts of Sawbridgeworth, The, letter from E.J. Tyler
- 100

Prescot Church, turret clock
- 32

Preston, Clark, bracket clock (stolen)
- 604

Preston, Edward
- 3

Price, Derek de Solla, Twilight of Islamic Astronomy (letter)
- 96

Prime, Andrew, longcase clock
- 650, 774

Prince, James
- 687

Pringle, Robert & Co., horological suppliers
- 342, 344

Prior, George, watch, Turkish market
- 585

Proctor, J., watch-pendant maker
- 345

Public Intelligencer, The
- 555

Pullen of Clerkenwell, dial writer
- 341

Puller, Jonat. longcase clock, month-going
- 478

Punnett, Thomas
- 44

Punnett, Thomas, repairs to Rye Church clock
- 484

Purcell, Henry, Britons Strike Home
- 46

Purman, Marcus, sundial
- 789

Purser, J., bracket clock, musical (stolen)
- 604

Purvis of London, bracket clock
- 12

PW. see Woodman, Philip

Pyke, George, organ clock
- 828–829

Q
Q and Resonance, letter from D.A. Bateman
- 9

quadrant, King Perre's
- 725

Quare & Horsemann
- longcase clock, month-going
  - 773
- watch no. 952
  - 360
Quare, Daniel
  barometer (replica) 799
  bracket clock, ebonised case 148
  longcase clock, no. 157 478
  watch no. 648 585
  watch no. 775 585
  year-going clock 861
Quarter Boy jacks, Rye church 49
quartz clock 356
Quill, Colonel H. RM, honorary surveyor of the Clockmakers' Company Collections 198
Rack clock
  anonymous 469
  anonymous, German 478
Radnor, Earl of
  71
Raillard, Claude, bracket clock 417
Ramsay, Alan
  318
Ramsay, David
  star-shaped watch 199
  watch, star-shaped 90
Ramsbottom, John, longcase clock 478
Randall, Anthony G.
  book review 855
  Photographing Watches, lecture 735–736
  The Technique of Photographing Watches 835–842
Rankin, Hannah and Anthony 35
Rawlins, A.L., escapement errors 688
Rayment, W., glass benders 340
Read, Thomas, clockmaker 685
Recording Makers, letter from Brian Loomes 624
Recordon, Louis
  alterations to Finney regulator 302
  watch 419
Regnault of Paris, clock in a sécretaire cabinet 809
  regulator. see also Vienna regulator
Alford, J. 351
Alford of Brighton 403
Appleton, Henry 860
Arnold & Dent 289
Arnold & Dent, no. 294 522
Barraud of London 792
Barwise of London 872
Brockbanks & Atkins, no. 11553 ? 139
Cole, Thomas, table 669
Dent, Edward John 596
Dent, Edward John, nos. 1 & 2 596
Dent of London 730
Ellicott, John, jnr, portable observatory 133
Evershed of Brighton 720
Finney, Joseph 35
Fowle, Thomas 351
Graham, George, sidereal 744–745
Grant of London, Clockmakers' Company Collection 611
Green, Robert 678
Hardy, William 596
Harrison, James, Clockmakers' Company Collection 611
Hunt & Roskell 532
Langford of London 351
Mudge, Thomas, walnut case month-going 351
Payne of London 398
Rippon of London 730
Spencer & Perkins, month-going 422
Thorp, Samuel 583–585
Tompion & Banger no. 483, sidereal 366
Tompion, Thomas, sidereal 486
Woodhouse, William 510
Regulator, The Earliest, letter from W.S. Laycock 97
Rehfus, Lorentz, watch 360
Reid & Son 826
Religieuse. see Bracket clock
Rentzsch, Sigismund 698
hydrostatic chronometer 699
watch 699
repeat
dumb-quarter 699
Le Roy, Julien 363
Dutch striking bracket clock 543
Repeat-minute
Huning, Alex, watch 289
repeat, quarter
Goubert, Jacobus, bracket clock 24
Gretton, Charles, bracket clock 10
McCabe, James, watches 315–316
Richter, J.E., longcase clock 16
Repeaters, Dumb letter from A.F. Lilley 747
Repeaters, Dumb, letter from David Landes 622
Repoussé Watch Cases, lecture by Richard Edgcumbe 354
Restoration of Clocks, letter from P.E. Fell 488, 742–743
Restoration, The Fusee Clock, letter from Hedley Martin 866
Reynolds, Thomas, turret clock 80
Richard, James, watch-case maker 310
Richard of Wallingford
the length unit "Dens" 868
St. Alban's Abbey clock 357
Richard of Wallingford by J.D. North, reviewed 472–474
Richards of London, bracket clock 848
Richter, J.E., longcase clock 10
Riesener, writing table 806
ring watch
Arnold, John 36
Deare, John 36
Finney, Joseph 36
Rippon, Frederick 597
patents
Rippon of London, regulator 730
Rippon, William, trade card 596
Rivis, R.R 364
RN. see North, Robert
Robb, William, bracket clock 468
Robbins, Josias, lantern clock 350
Robert & Courvoisier, pendule d'officier 770
Robert, E, travelling clock 469
Robertson, A, longcase clock 61, 320
Robertson, D., longcase clock
Robinson, T.O., book review
Robson, William, clock
Robson, William, watch-case maker
Rodgers, B.V., Restorers (letter)
Roentgen of Neuwied, clock case
Rogers, Isaac
- cartel clock
- longcase clock, musical
Rolle, Peter
- rolling ball clock
- anonymous
- electric
Rollinson, Dollif, longcase clock
Rooke, Lawrence
Roqua, Johannuco de la
Roque of Paris, vase clock
Roquelon of Paris, wall clock (bracket)
Roscoe, Robert, instrument maker
Rose, Nicholas, longcase clock
Ross, Sir John, painted on clock dial
Rotherhams of Coventry, watchmaking machinery
Rothschild, Baron Ferdinand de
Rowlands, Christopher, watch-case maker
Royal Society
- Arnold experiments
- James Ferguson's tidal dial clock
Royal Society, The
Rural Occupations, The Book of
Russell & Anderson, dial makers
Russell & Bell, dial makers
Russell & Clark, dial makers
Russell & Clark of Edinburgh, dial makers
Russell & Clarke, dial makers
Russell, David, longcase clock
Russell of Edinburgh, dial maker
Russell, Thomas, dial maker
Russell, W, longcase clock
Russell, William, longcase clock
Rutherford, Michael, longcase clock
Rutherford, William, longcase clock
Rye Church Clock, by E.J. Tyler
Rye Church, North transept
Rye, churchwardens' accounts
S
Saer, Joseph, longcase clock
Safety Device, letter from S.C. Davidson
Saffroy, M (Monsieur?)
St. Albans Abbey, turret clock
St. James's Palace, turret clock
Salisbury & Son, bracket clock, (stolen)
Salisbury Cathedral, turret clock
Salmon, John,
sand-glass, owned by Infante Jean of Catalonia
York Castle Museum
Sandforth, John, owner of a Joseph Finney clock
Sandoz, E.M., exhibition 88V10
Sapience, L'Horloge de, illuminated manuscript 727V10
Sapphire pinion 699V10
Sargison, Harold 843V10
Sarton, Humbert, mantel clock 469V10
Savage, Richard 37, 39V10
Sayller, Johann, table clock 848V10
Scafe, William, bracket clock 535V10
Scheveningen, turret clock 45V10
Schindler, G., Schriften der Freunde Alte Uhren vol.XV reviewed 86V10
Schoener, Johann, terrestrial globe 74V10
Schriften der Freunde Alte Uhren, G. Schindler, reviewed 86V10
Schooner family 161
Scientific Instruments: Their Social and Economic Settings, Symposium 40V10
Scotson, Isaac, clockmaker 295V10
Scott & Company, dial makers 58V10
Scott, Alex., longcase clock 320V10
Scott, George, longcase clock 519, 730V10
Scott, Herbert, electric clock 613V10
Scott, J.G.M., see Ponsford, Scott & AuthersV10
Scott, John, longcase clock 320V10
Scott, Peter, longcase clock 320V10
Scott, Sir Walter 318V10
Scott, William, longcase clock 319V10
Scottish Longcase Clocks, Some by Felix Hudson 447–459V10
Scottish Painted Dials, by Felix Hudson 55–69V10
part 2 173–188V10
part 3 317–330V10
Seahorse, The, ship 165–166V10
Searby, Peter, Watchmaking in Coventry 465–468V10
secréttaire cabinet with clock by Regnault of Paris 809V10
sedan clockV10
Bradley, Edward 815V10
May, John 360V10
Seguier, Armand junior 699V10
Selves, George de 71, 72V10
Servière, Grollier de 84V10
Seton family 161V10
sextant, anonymous 676V10
Shakehaft of Preston 629V10
Shanks, Kenneth, York Castle Museum (letter) 360V10
Shanks, K.W., Thomas Yates of Preston (letter) 740V10
Shappro, HMS 316V10
Sharpe, Francis, longcase clock 319V10
Shaw, John, bracket clock 618, 769V10
Shearer, D.L., dial maker 58V10
Shedden, Charles, longcase clock 320, 328, 45V10
Sheldonian Theatre, Oxford 560V10
Shelton, JohnV10
Kew Observatory timekeeper 302V10
transit regulators 166V10
Shenton, RitaV10
Christopher Pinchbeck and his Family, reviewed 349V10
The Marquis of Worcester 82–84V10
Women Makers (letter) 487V10
Shepherd, An Electric Turret Clock by, by Mitchell & Nettell 460–463V10
Shepherd, CharlesV10
<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>electric regulator</td>
<td>206 V10</td>
</tr>
<tr>
<td>electric turret clock</td>
<td>740 V10</td>
</tr>
<tr>
<td>Shepherd's Electric Turret Clock, letter from J.G. Trevor-Owen</td>
<td>740, 864 V10</td>
</tr>
<tr>
<td>Shipley, John</td>
<td>32 V10</td>
</tr>
<tr>
<td>Shortman, S., longcase clock</td>
<td>620 V10</td>
</tr>
<tr>
<td>Shortt-Synchronome, free pendulum clock no. 13</td>
<td>343 V10</td>
</tr>
<tr>
<td>Shortt, William Hamilton</td>
<td>343 V10</td>
</tr>
<tr>
<td>free pendulum clock, no. SH40</td>
<td>483 V10</td>
</tr>
<tr>
<td>SHW, owner of a Joseph Finney clock</td>
<td>299 V10</td>
</tr>
<tr>
<td>sidereal, see Dial, sidereal'click'</td>
<td>599 V10</td>
</tr>
<tr>
<td>Siddereal Gear Trains, letter from A.B. Partridge</td>
<td>487 V10</td>
</tr>
<tr>
<td>sidereal regulator, Graham, George</td>
<td>744–745 V10</td>
</tr>
<tr>
<td>Siddereal Timepiece by Tompion &amp; Banger letter from W. Tood</td>
<td>366 V10</td>
</tr>
<tr>
<td>Simoni, Antonio, obituary</td>
<td>88 V10</td>
</tr>
<tr>
<td>Simpson, William, clockmaker</td>
<td>93 V10</td>
</tr>
<tr>
<td>Sinclair, D., dial maker</td>
<td>59, 319, 322 V10</td>
</tr>
<tr>
<td>singing bird, see Automaton</td>
<td></td>
</tr>
<tr>
<td>skeleton clock</td>
<td></td>
</tr>
<tr>
<td>anonymous</td>
<td>159 V10</td>
</tr>
<tr>
<td>Anonymous, French</td>
<td>6–7 V10</td>
</tr>
<tr>
<td>anonymous, musical</td>
<td>760 V10</td>
</tr>
<tr>
<td>anonymous, year-going</td>
<td>144 V10</td>
</tr>
<tr>
<td>Black, James</td>
<td>141 V10</td>
</tr>
<tr>
<td>Black, Thomas</td>
<td>141 V10</td>
</tr>
<tr>
<td>Condliff, James</td>
<td>848 V10</td>
</tr>
<tr>
<td>Haycock of Ashbourne</td>
<td>667 V10</td>
</tr>
<tr>
<td>Litherland, Davies and Company</td>
<td>121 V10</td>
</tr>
<tr>
<td>Pace, John</td>
<td>507 V10</td>
</tr>
<tr>
<td>Pace, John, year-going</td>
<td>393 V10</td>
</tr>
<tr>
<td>skeletonised movement, Finney, Joseph watch, no. 1382</td>
<td>1 V10</td>
</tr>
<tr>
<td>Sleeswyk, A.W., The Length Unit &quot;Dens&quot; (letter)</td>
<td>868 V10</td>
</tr>
<tr>
<td>Sliman, William, longcase clock</td>
<td>319 V10</td>
</tr>
<tr>
<td>Smart of London, bracket clock</td>
<td>636 V10</td>
</tr>
<tr>
<td>Smeaton, John, watch</td>
<td>360 V10</td>
</tr>
<tr>
<td>Smith &amp; Stevenson, dial maker</td>
<td>59, 319 V10</td>
</tr>
<tr>
<td>Smith &amp; Stevenson, japanned clock dials</td>
<td>56 V10</td>
</tr>
<tr>
<td>Smith &amp; Stevenson of Edinburgh, dial makers</td>
<td>173 V10</td>
</tr>
<tr>
<td>Smith, Alan V10</td>
<td></td>
</tr>
<tr>
<td>John Wyke, 18th Century Clock and Toolmaker, lecture</td>
<td>736 V10</td>
</tr>
<tr>
<td>vote of thanks</td>
<td>93 V10</td>
</tr>
<tr>
<td>Smith, Dedrick, letter from A. Marsden</td>
<td>96 V10</td>
</tr>
<tr>
<td>Smith, Dedrick, musical clock</td>
<td>96 V10</td>
</tr>
<tr>
<td>Smith, E. &amp; W., carriage clock</td>
<td>469 V10</td>
</tr>
<tr>
<td>Smith, Eric, Clocks: Their Working and Maintenance, reviewed</td>
<td>734–735 V10</td>
</tr>
<tr>
<td>Smith, Gabriel, bracket clock</td>
<td>469 V10</td>
</tr>
<tr>
<td>Smith, James, barometer</td>
<td>794 V10</td>
</tr>
<tr>
<td>Smith, John, longcase clock</td>
<td>57, 61, 320 V10</td>
</tr>
<tr>
<td>Smith, John, clock makers</td>
<td>340 V10</td>
</tr>
<tr>
<td>Smith, John, longcase clock, lunar indication</td>
<td>62 V10</td>
</tr>
<tr>
<td>Smith, Joseph, turret clock maker</td>
<td>93 V10</td>
</tr>
<tr>
<td>Smith, Michael, letters to Thomas Mudge</td>
<td>580–582 V10</td>
</tr>
<tr>
<td>Smith of Kings Lynn, watchmaker</td>
<td>340 V10</td>
</tr>
<tr>
<td>Smith, P. Bell, dial maker</td>
<td>58 V10</td>
</tr>
<tr>
<td>Smith, Robert, wall clock</td>
<td>540 V10</td>
</tr>
<tr>
<td>Smith, S. &amp; Son, V10</td>
<td></td>
</tr>
<tr>
<td>pocket chronograph illustration</td>
<td>541 V10</td>
</tr>
</tbody>
</table>
tourbillon watch no. 302/8 204V10
Smith, Samuel, longcase clock, 30-hour 351V10
Smiths Industries 204V10
Smyth, R., Bulova Tuning Fork Watches, lecture 736–737V10
Snaith, George, clockmaker 572V10
Snyder, John, A Study of Lancaster County Clock Cases, reviewed 608V10
Soldano, carriage clock no. 274/2072 (stolen) 476V10
Solomon, Thomas, longcase clock 629V10
Somerset, Duke of 82V10
Soldier, Edward. see Worcester, Marquis of V10
Soir, Robert, Glasgow, clock dial 56V10
Somervale, Robert, longcase clock 319V10
Spanish Watch Makers letter from Claudio de Elejabeitia 740V10
Spark, William, longcase clock 63, 319V10
Sparsholt, turret clock 79V10
Spencer & Perkins, regulator, month-going 422V10
Staand Klok, De Nederlandse, by J. Zeeman, reviewed 610V10
Stamford, R. 826V10
Staples, James, longcase clock, 30-hour movement 351V10
Staunton, James, clockmaker 621V10
Stauffer, Sons & Co. 826V10
Stauffers & Co., watch-case makers 345V10
Steuart (Stewart ?) electric clock 210V10
Stevenard of Boulogne sur Mer, carriage clock (stolen) 732V10
Stevens. see Mann & Stevens V10
Stevens, John, longcase clock 351V10
Stevenson. see Smith & Stevenson V10
Stewart, J., dial maker 59V10
Stewart, James, mantel clock, balloon case 833V10
Stewart, John, longcase clock 319V10
Stockall & Marples, horological retailers 343V10
Stoel en Staartklokken, Vakkundige Reparties aan Antiek, by Wolters & Sleutjes, reviewed 850V10
Stamford, Friesland 351V10
Strachan, Charles 316V10
Strachan, Thomas 316V10
Stamford, R. 826V10
Staples, James, longcase clock, 30-hour movement 351V10
Staunton, James, clockmaker 621V10
Stauffer, Sons & Co. 826V10
Stauffers & Co., watch-case makers 345V10
Steuart (Stewart ?) electric clock 210V10
Stevenard of Boulogne sur Mer, carriage clock (stolen) 732V10
Stevens. see Mann & Stevens V10
Stevens, John, longcase clock 351V10
Stevenson. see Smith & Stevenson V10
Stewart, J., dial maker 59V10
Stewart, James, mantel clock, balloon case 833V10
Stewart, John, longcase clock 319V10
Stockall & Marples, horological retailers 343V10
Stoel en Staartklokken, Vakkundige Reparties aan Antiek, by Wolters & Sleutjes, reviewed 850V10
Stamford, Friesland 351V10
Strachan, Charles 316V10
Strachan, Thomas 316V10
Stamford, R. 826V10
Staples, James, longcase clock, 30-hour movement 351V10
Staunton, James, clockmaker 621V10
Stauffer, Sons & Co. 826V10
Stauffers & Co., watch-case makers 345V10
Steuart (Stewart ?) electric clock 210V10
Stevenard of Boulogne sur Mer, carriage clock (stolen) 732V10
Stevens. see Mann & Stevens V10
Stevens, John, longcase clock 351V10
Stevenson. see Smith & Stevenson V10
Stewart, J., dial maker 59V10
Stewart, James, mantel clock, balloon case 833V10
Stewart, John, longcase clock 319V10
Stockall & Marples, horological retailers 343V10
Stoel en Staartklokken, Vakkundige Reparties aan Antiek, by Wolters & Sleutjes, reviewed 850V10
Stamford, Friesland 351V10
Strachan, Charles 316V10
Strachan, Thomas 316V10
Stamford, R. 826V10
Staples, James, longcase clock, 30-hour movement 351V10
Staunton, James, clockmaker 621V10
Stauffer, Sons & Co. 826V10
Stauffers & Co., watch-case makers 345V10
Steuart (Stewart ?) electric clock 210V10
Stevenard of Boulogne sur Mer, carriage clock (stolen) 732V10
Stevens. see Mann & Stevens V10
Stevens, John, longcase clock 351V10
Stevenson. see Smith & Stevenson V10
Stewart, J., dial maker 59V10
Stewart, James, mantel clock, balloon case 833V10
Stewart, John, longcase clock 319V10
Stockall & Marples, horological retailers 343V10
Stoel en Staartklokken, Vakkundige Reparties aan Antiek, by Wolters & Sleutjes, reviewed 850V10
Anonymous 417V10
Anonymous, Friesland 351V10
Stokeld, John, letter from M.J. Czajkowski 617V10
Stokes, W., longcase clock, marquetry case 351V10
stolen clocks and watches 205, 352, 446, 476, 491, 604, 731, 738, 826–827V10
Stonehouse of Leeds, longcase clock 629V10
Stonehouse of Leeds, longcase clock, month-going 127V10
Storr, Batty, bracket clock 542V10
Storr, Batty, longcase clock 629V10
Storr, Marmaduke, longcase clock 542V10
Strachan, Charles 316V10
Strachan, Thomas 316V10
Stram, Alfred, watch-case maker 310, 345V10
Strauss, Simon, bracket clock (stolen) 205V10
Strawberry Hill Gothic, Payne of London, Mantel clock 9V10
Street, Eric, Hill - Clock-Case Maker (letter) 864V10
Oxford, Museum of the History of Science 582V10
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Street, Richard
longcase clock with 15-minute dial 199
watch, with 15-minute dial 90, 199

Stretch, Benjamin
bracket clock 574

Strickland, Sarah
watch (stolen) 732

striking, Dutch
Egter, Pieter
longcase clock 832

striking jacks, Rye church 49

striking, quarter
Ellicott, John, jnr.
bracket clock 142

Striking, Rack, 30-Hour 18th Century Movements
letter from John Thorson 623

striking, Roman
Knibb, Joseph
longcase clock 30

Strikings
Rack, 30-Hour 18th Century Movements
letter from John Thorson 623

Striking, Roman, Knibb, Joseph
longcase clock 30

Strong, H.
gilder and plater 343

Stryp, Pierre van
bracket clock 469

Suffolk Clocks & Clockmakers
letter from L.F. Miller 99

Sullivan of London
barometer 730

Sully, Henry
escapement 94
marine timekeeper, 1724 302

Summersgill, Robert
watch 687

sundial
Counsellor Hüsgen's 593
Dollond of London, universal equinoctial 676
Maltese noon mark 737
MP (Marcus Purman) 789
noon-mark in Malta 464
pillar dial depicted in The Ambassadors 73, 74
pillar dial from De Solaribus Horologis 77
pocket 360
Butterfield 360
polyhedral, depicted in The Ambassadors 73, 74
ring-dial 360

SW, balance cock mark 313

Sykes, W.R.
bracket clock, letter from G.H. Tucker 103

symposium, Scientific Instruments: Their Social and Economic Settings 40

Synchronome clock 208
Synchronome Company 343

T
T II, punch mark, letter from C.N. Moore 618

Tabernacle clock, anonymous South German 158

table clock
anonymous, Augsburg, with elephant (stolen) 827
anonymous, Classical Frieze case 641
anonymous, tabernacle clock ca. 1580 401
Archer, Henry 90, 204, 611

Burgundian, ca. 1430 357
Carlsson, N.M., hexagonal 469
dog automaton 525
Jans, Josephus, horizontal 468
Koch, Hans, with sundial 789
Kumer, Joan Michel, cricifix clock 657
Le Roy, Julien, globe clock 805
Mayr, Georg 813
Mayr, Georg, pedestal clock 777
Metzger, Jeremias 814
Pfeffenhauser, Wilhelm 660
Sayller, Johann 848
Thornton, Henry, horizontal 526–528

Wegelin, Johann, Georg 815
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Tait, Hugh, British Museum curator 92V10
Tambien Las Flores Hablan, reviewed 851V10
Tantum, Francis, longcase clock, marquetry case 22V10
Tarleton, William 302V10
Tarleton, Will.(iam), bracket clock 848V10
Taylor & Dent, letter from Lloyd Brown 870V10
Taylor, David, James McCabe Watches (letter) 617–618V10
Taylor, George, watch 32V10
Taylor, Thomas, longcase clock 319V10
TB watch case-maker's mark 743V10
TC, watch-case maker 18, 620V10
Tegelberg, Johannes, alarm timepiece 815V10
temperature compensation. 144V10
Airy's bar 18, 620V10
Elliscope, John, jr., regulator 167V10
Temple Newsam House and Lotherton Hall, Clocks at, by David Barker 828–834V10
Thickbroom, C.J., watch-case maker 345V10
Thiout, escapement 94V10
Thomas, Peter K. Proposed North London Section (letter) 738V10
Thompson, William, clockmaker 93V10
Thoms, Frederick (Thomas), watch-case maker 345V10
Thoms, London, watch-case maker 769V10
Thomson, Adam, wall clock 643V10
Thorne, Simon, watch 585V10
Thornton, Henry, table clock (horizontal) 526–528V10
Thorp, Samuel, longcase clock, letter from G.H. Tucker 103V10
Thorp, Samuel of Abberley, Regulator by , by K.J. MacMaster 583–585V10
Thorson, John, Rack-Striking 30-Hour 18th Century Movements (letter) 623V10
Threlkeld, Deodatus, letter from Keith Bates 365V10
Thuriet, Isaac, bracket clock (religieuse) 469V10
Thwaites & Reed, AHS visit to, 1977, report 483V10
Hampton Court Palace, turret clock 76V10
Thwaites, A., bracket clock (stolen) 826V10
Thwaites, Ainsworth, turret clock 90V10
Tickle, William, longcase clock 629V10
tidal dial 331–335V10
Ferguson, James 333V10
Northcote, Samuel 333V10
Tidal Dials letter from John R. Millburn 366V10
tidal indication, Wallace, John, longcase clock 64–65V10
Tide mill, Hawkins, G.J. 83V10
Time Receiver, A Simple, lecture by M. Maltin 613V10
time signal 343V10
Tinham, Samuel, longcase clock 286, 501V10
Tinkler, J.W., owner of a Joseph Finney clock 299V10
Tipling, William, longcase clock 501V10
Tite, Mr. architect 600V10
Titherton, John, longcase clock, marquetry case 420V10
Tobias, Morris, marine chronometer no. 479 585V10
Tocher & Mitchell, longcase clock 319V10
Todd, W. Sidereal Timepiece by Tompion & Banger (letter) 366V10
Toleman of Caernarfon 572V10
Tomlinson of Workington, longcase clock 679V10
Tomlinson, W., watch 585V10
Tomlinson, William, longcase clock 720V10
Tompion & BangerV10
bracket clock, no. 467 776, 848V10
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

regulator no. 483, sidereal 366
watch no. 274 (stolen) 732

Tompion, C., watch 687
Tompion, Thomas
- astronomer's clock 486
- bracket clock, no. 23 815
- bracket clock, no. 214 861
- bracket clock, no. 260 468
- bracket clock, no. 467 896
- lantern clock no. 518 360
- lantern clock (W535) 360
- longcase clock 611
- floral marquetry case 148
- month-going 351
- sidereal clock 486
- turret clock 81
- watch, no. 866 585
- watch, pre-balance spring 90, 199

tools. see Horological tools 10

Toppin, John, bracket clock 469
Torsten, Berg and Nettell, D.F., Iron Marks on Turret Clocks 78–81

tourbillon 10
- Auguste of Paris, carriage clock 146
- Courvoisier, August & Co., watch 800
- Smith, S. & Son, no. 302/8 204

Toussaint, Augustine, enameller 140
Townsend, George E., American Railroad Watches, reviewed 852

TP, star above. see Perry, Thomas 10
TP, watch case maker 157
trade card, Rippon, William 596
Tranier, F.T., watch-case maker 345

travelling clock. see also Carriage clock 10
- Ceulen, Johannes van 848
- Dezpla, Bernard 724
- Gaudron of Paris 468
- Moreland, Thomas, no. 195 100–101
- Robert & Courvoisier 770
- Robert, E 469

Tregent, James, watch no.2285 (stolen) 476

Treherne, Alan, The Massey Family lecture 484–485
Très Riches Heures 824
Trevor-Owen, J.G., Shepherd's Electric Turret Clock (letter) 740, 864
Triumph of Time, by Harrison Birtwhistle 491
Trubshaw, John, longcase clock 784
Tucker, G.H., Samuel Thorp (letter) 103
Tunstal, Cuthbert 75
Turkish market 10
- Perigal, Francis, bracket clock 652
- Perigal of London, bracket clock 544

Turner, Anthony J. & Crisford, A.C. 10
Two Letters Addressed to Thomas Mudge 580–582
Turner, Thomas, longcase clock 720

- turret clock. see also Chimes 10
- earliest 359
- Rev. A.J. Nixseaman's records 352
Alkborough 863
Adlington 93
Barcelona Cathedral 723–724
Barton 93
Battel Abbey 43
Bourges Cathedral 725
Brome Hall 81
Bunbury church 93
Burgundy 15th century 819–826
Burwash 45
Canterbury Cathedral 195
Chester cathedral 93
Childrey, Oxon, turret clock 79
Clifton Hampden 600
Cranbrook 45
Cuckfield 45
Cuernavaca Cathedral 571–572
Dent, Edward John 600
Driffield 863
Dunstable Priory 189, 359
Ely Abbey 195
Exeter Cathedral 195
Feltham House 490
Hampton Court Palace 76
Hastings, St. Mary in the Castle 484
Hornblotton, Somerset 740
Huejotzingo Monastery 571–572
Isleworth, All Saints Church 490
Jullion of Brentford 490
Kilrudery Castle 612
Lechlade, Gloucestershire 80
Lincoln Cathedral 195
Little Budworth church 93
Liverpool Exchange 35
St. Nicholas church 33
Workhouse 35
St Nicholas church 294
St. Peters church 306
London
Kings College 81
Horseguards 90
St Pauls Cathedral 195
1851 Great Exhibition 600
New Royal Exchange 600
St. James's Palace 76
Westminster Palace 594, 601
Market Weighton 863
Marsham 863
Meanwood 602
Norwich
Cathedral 195
Cathedral Priory 195
Netleton 863
Oxford, Merton College 195
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

- Perpignan Castle 722
- Prescot Church 32
- Rye Church 41–54
- Salisbury Cathedral 195
- Scheveningen 45
- Scotwick 93
- Sparsholt, turret clock 79
- Winchester, St. John's church 43
- Streatham Church 483
- Taragone 724
- Utrecht Cathedral 357
- Valetta, Palace of the Grand Masters 817
- Valetta, St. John's Cathedral 817
- Wherstead Hall 653, 686
- Scarborough 863
- Sewerby 863
- Thwing 863
- Winterton 863
- Wisbech St Mary 863

Turret clock, by

- anonymous, pin-wheel escapement 351
- Baugham of Charlbury 872
- Billard, Lewis 42–43
- Bradley, A.& E. 80
- Clement, William 81
- Cooke, Joseph 81
- Evens of Birmingham 872
- Finney, Joseph 35
- Fusoris, Jean 725
- Harrison, James, dated 1834 488
- Hindley, Henry 91
- Key of Worcester 872
- Moreland, Thomas 93
- Moore, Thomas 351
- Nethercote, George 79
- Punnett, Thomas 44
- Richard of Wallingord 357, 195
- Robinson & Beacock 863
- Shepherd, C. 740
- Shepherd, C., electric 460–463
- Simpson, William 93
- Smith Joseph 93
- Thwaites, Ainsworth 90
- Thwaites of London 490
- Tompion, Thomas 81
- Vulliamy, Benjamin, no. 352 76
- Wynn, William 486

Turret Clock, Making a Small, lecture by J. Wilding 612
Turret Clock, The Earliest, by Hans von Bertele 189–196
Turret Clocks in Malta, by R.H. de Burgh Wilmot 816–818
Turret clocks, iron marks on 78–81
Turret Clocks of Wherestead Hall, Suffolk, by Leonard F. Miller 684–687
Tutel, Edward, longcase clock 126
Twilight of Islamic Astronomy, letter from D. De Solla Price 96
Tyhynysen, Dirk, longcase clock (stolen) 826
Tyler, E.J. 8

Barraclough, Haworth and Rack Striking in 30-hour Birdcage Movements (letter) 743
| Vacheron & Constantin, pocket chronograph (stolen) | V10 |
| Vallin, Nicholas, carillon clock | V10 |
| Vase clock. see Mantel clock | V10 |
| Vaughan, Dr. Denys, thanks to | V10 |
| Venus and Cupid | V10 |
| Venus, Transit of, voyages to observe | V10 |
| Verge Conversions, letter from John Orange | V10 |
| Verneuille of Dijon, cartel clock | V10 |
| Vernon, John, Apprentice Chain Maker (letter) | V10 |
| Vernon, Mr., Big Ben Disater, lecture | V10 |
| Vernon, Richard, watch | V10 |
| Vick, Richard, bracket clock (stolen) | V10 |
| Viellard, Jeanne, Catalan Clocks and Clockmakers | V10 |
| Vienna regulator, floor-standing | V10 |
| Vieyres, British Watch and Clockmaking Company | V10 |
| Vilardell, Francois, silversmith | V10 |
| Vilardell, Jean de, clockmaker | V10 |

Vincent, Clare, seminar, Metropolitan Museum of Art Collections | 615–616 |

Vincenti of Paris, mantel clock | V10 |

Viner of London, carriage clock | V10 |

Voch, Lukas, Die Kunst Sonnenuhren auf das Papier oder eine Mauer Zu Zeichen, reviewed | V10 |

Vogel. see Mühe & Vogel | V10 |

Volpaia, Benvineto, drawing of a clock mechanism | V10 |

Vulliamy. see also Gray & Vulliamy | V10 |

Vulliamy, Benjamin | V10 |

- bracket clock no. 767 | V10 |
- clock no. 352 | V10 |
- Kew Observatory timekeeper | V10 |
- mantel clock no. 246 | V10 |

Vulliamy, Benjamin Lewis, | V10 |

- donation to the Clockmakers' Company | V10 |
- Hampton Court Palace, turret clock | V10 |
- inventory of George III's observatory | V10 |

Vulliamy of London | V10 |

- bracket clock, no. 435 | V10 |
- bracket clock no. 767 | V10 |
- carriage clock | V10 |
- clocks no. 822, 831 and 1330 | V10 |
- tavern clock | V10 |

Waddesdon Manor, The Clocks of, by Dr. F.A., B. Ward | 804–815 |

Waddington, John | V10 |

Waldie, William, longcase clock | V10 |

Wales, William | V10 |

Walker & Hughes, dial maker | V10 |

Walker & Watson, dial makers | V10 |

Walker, Edward, watch-case maker | V10 |

Walker, John, longcase clock | V10 |

Walker, John, dial maker | V10 |

Walker, Robert, longcase clock | V10 |

Wall & Frost, Wandsworth, watch no. 14 | V10 |

Wall clock | V10 |
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

anonymous, English dial 469\textsuperscript{VI}
anonymous, German (stolen) 352\textsuperscript{VI}
anonymous, Gothic 394\textsuperscript{VI}
Coster, Salomon, Atwood collection 614\textsuperscript{VI}
Crucifex, John 517\textsuperscript{VI}
Cumming, Alexander (bracket) 671\textsuperscript{VI}
Dunlop, Conyers, with bracket 797\textsuperscript{VI}
Ellcott, John (stolen) 732\textsuperscript{VI}
Gostling, William, dial clock 895\textsuperscript{VI}
Gothic iron 336–339\textsuperscript{VI}
Gourdain of Paris, cartel clock 812\textsuperscript{VI}
Grant of London 540\textsuperscript{VI}
Haycock, William 386\textsuperscript{VI}
Hedge, Nathaniel 286\textsuperscript{VI}
Hedge, Nathaniel, hooded 501\textsuperscript{VI}
Hunsdon, Edward, cartel clock 469\textsuperscript{VI}
Jackson, Owen, tavern clock 667\textsuperscript{VI}
Jeffreys, George 540\textsuperscript{VI}
McCabe, James, no. 2505 469\textsuperscript{VI}
Phillips, Joseph 793\textsuperscript{VI}
Rogers, Isaac, cartel clock 848\textsuperscript{VI}
Roquelon of Paris, with bracket 888\textsuperscript{VI}
Smith, Robert 540\textsuperscript{VI}
Thomson, Adam 643\textsuperscript{VI}
Vallin, Nicholas, chamber clock 565\textsuperscript{VI}
Verneuil de Dijon, cartel clock 469\textsuperscript{VI}
Vulliamy of London, tavern clock 730\textsuperscript{VI}
Wasborough of Bristol 667\textsuperscript{VI}
Wright, John, tavern clock 395\textsuperscript{VI}
Wall, William, Cambridge, letter from D.H. Bacon 739\textsuperscript{VI}
Wall, William, escapement 866\textsuperscript{VI}
Wallace, James T., James Hendrie- Falkirk (letter) 747\textsuperscript{VI}
Wallace, John, longcase clock 320\textsuperscript{VI}
Wallace, John, longcase clock 64\textsuperscript{VI}
Wallis, Joseph, longcase clock 720\textsuperscript{VI}
Ward, Abel 46\textsuperscript{VI}
Ward, Benjamin, bracket clock 511\textsuperscript{VI}
Ward, Dr F.A.B.\textsuperscript{VI}
book reviews 347–348, 469–471, 734, 850, 857\textsuperscript{VI}
The Clocks at Waddesdon Manor 804–815\textsuperscript{VI}
Early Clocks and Clock Dials, lecture 858\textsuperscript{VI}
lecture report 610\textsuperscript{VI}
Ward, Mr., British Watch and Clockmaking Company 710\textsuperscript{VI}
Ward, Richard, bracket clock 635\textsuperscript{VI}
Ward, Seth 551\textsuperscript{VI}
Rooke's memorial clock 557\textsuperscript{VI}
Wasborough of Bristol, wall clock 667\textsuperscript{VI}
watch. see also Coach-watch\textsuperscript{VI}
anonymous, Swiss, Chinese market 392\textsuperscript{VI}
Arnold, John Roger, no. 3265 (stolen) 732\textsuperscript{VI}
Arnold of London, no. 3071 585\textsuperscript{VI}
Barlow, William 489\textsuperscript{VI}
Bayley, John 780\textsuperscript{VI}
Beatson, Thos., London no. 18892 743\textsuperscript{VI}
Beeching & Emdell 429\textsuperscript{VI}
<table>
<thead>
<tr>
<th>Name</th>
<th>Vol.</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breguet, Abraham Louis</td>
<td>V10</td>
<td>664</td>
</tr>
<tr>
<td>Breguet</td>
<td>V10</td>
<td>491</td>
</tr>
<tr>
<td>Breguet</td>
<td>V10</td>
<td>491</td>
</tr>
<tr>
<td>Breguet</td>
<td>V10</td>
<td>491</td>
</tr>
<tr>
<td>Breguet of Paris</td>
<td>V10</td>
<td>826</td>
</tr>
<tr>
<td>British Watch and Clockmaking Company</td>
<td>V10</td>
<td>712–713</td>
</tr>
<tr>
<td>Brockbank, John, no. 1211</td>
<td>V10</td>
<td>586–588</td>
</tr>
<tr>
<td>Clarke, William, no. 1793</td>
<td>V10</td>
<td>620</td>
</tr>
<tr>
<td>Cock, John</td>
<td>V10</td>
<td>157</td>
</tr>
<tr>
<td>Cockey, Edward, jnr.</td>
<td>V10</td>
<td>363</td>
</tr>
<tr>
<td>Courvoisier &amp; Frères</td>
<td>V10</td>
<td>585</td>
</tr>
<tr>
<td>Courvoisier, August &amp; Co., with tourbillon</td>
<td>V10</td>
<td>800</td>
</tr>
<tr>
<td>Cummins, Thomas, no. 61/22</td>
<td>V10</td>
<td>422</td>
</tr>
<tr>
<td>De Bauffré, James</td>
<td>V10</td>
<td>362</td>
</tr>
<tr>
<td>Decharmes, Simon</td>
<td>V10</td>
<td>585</td>
</tr>
<tr>
<td>Dent of London, no. 31031</td>
<td>V10</td>
<td>732</td>
</tr>
<tr>
<td>Dobson, Arlander, no. 1047</td>
<td>V10</td>
<td>363</td>
</tr>
<tr>
<td>Dumbell, Josh. nos. 808 and 811</td>
<td>V10</td>
<td>487</td>
</tr>
<tr>
<td>Dumbill of Rochdale</td>
<td>V10</td>
<td>687</td>
</tr>
<tr>
<td>Earnshaw, Thomas, no. 4583</td>
<td>V10</td>
<td>585</td>
</tr>
<tr>
<td>East, Edward, pre-balance spring</td>
<td>V10</td>
<td>360</td>
</tr>
<tr>
<td>Eiffé, Thomas Sweetman</td>
<td>V10</td>
<td>359</td>
</tr>
<tr>
<td>Elgin (stolen)</td>
<td>V10</td>
<td>826</td>
</tr>
<tr>
<td>Ellicott, John, jnr., equation</td>
<td>V10</td>
<td>580</td>
</tr>
<tr>
<td>Emery, Josiah, no. 660</td>
<td>V10</td>
<td>140</td>
</tr>
<tr>
<td>Erb, Albrecht, crucifix</td>
<td>V10</td>
<td>616</td>
</tr>
<tr>
<td>Etherington, George</td>
<td>V10</td>
<td>769</td>
</tr>
<tr>
<td>Fattorini</td>
<td>V10</td>
<td>360</td>
</tr>
<tr>
<td>Finney, Joseph</td>
<td>V10</td>
<td>1</td>
</tr>
<tr>
<td>Fletcher, Robert, no. 1384</td>
<td>V10</td>
<td>364</td>
</tr>
<tr>
<td>French of London, no. 4208</td>
<td>V10</td>
<td>585</td>
</tr>
<tr>
<td>Fromanteel of London</td>
<td>V10</td>
<td>712</td>
</tr>
<tr>
<td>Gamot, G.</td>
<td>V10</td>
<td>585</td>
</tr>
<tr>
<td>Gavelle, l'ainé, no. 1781 (stolen)</td>
<td>V10</td>
<td>827</td>
</tr>
<tr>
<td>Gilson, Henry</td>
<td>V10</td>
<td>360</td>
</tr>
<tr>
<td>Godon, François-Louis</td>
<td>V10</td>
<td>894</td>
</tr>
<tr>
<td>Golay, H., with karussel</td>
<td>V10</td>
<td>769</td>
</tr>
<tr>
<td>Gom, Daniel</td>
<td>V10</td>
<td>585</td>
</tr>
<tr>
<td>Graham, George with dumb repeat</td>
<td>V10</td>
<td>622</td>
</tr>
<tr>
<td>Grant &amp; Son</td>
<td>V10</td>
<td>585</td>
</tr>
<tr>
<td>Grant, John, duplex</td>
<td>V10</td>
<td>200</td>
</tr>
<tr>
<td>Gregory, James</td>
<td>V10</td>
<td>36</td>
</tr>
<tr>
<td>Gregson of Paris</td>
<td>V10</td>
<td>585</td>
</tr>
<tr>
<td>Hatfield &amp; Hall</td>
<td>V10</td>
<td>687</td>
</tr>
<tr>
<td>Heigel, Martin</td>
<td>V10</td>
<td>585</td>
</tr>
<tr>
<td>Higgs, Robert, no. 3086</td>
<td>V10</td>
<td>585</td>
</tr>
<tr>
<td>Hollisone, Alex</td>
<td>V10</td>
<td>687</td>
</tr>
<tr>
<td>Hory of Paris</td>
<td>V10</td>
<td>611</td>
</tr>
<tr>
<td>Houghton, Richard</td>
<td>V10</td>
<td>33</td>
</tr>
<tr>
<td>Huning, Alex, minute-repeating</td>
<td>V10</td>
<td>289</td>
</tr>
<tr>
<td>Hux, James</td>
<td>V10</td>
<td>358</td>
</tr>
<tr>
<td>Name</td>
<td>Reference</td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>Ingold, Pierre Frederick</td>
<td>699V10</td>
<td></td>
</tr>
<tr>
<td>Joyce of London</td>
<td>360V10</td>
<td></td>
</tr>
<tr>
<td>Kapff, Ludwig von</td>
<td>585V10</td>
<td></td>
</tr>
<tr>
<td>King of London</td>
<td>611V10</td>
<td></td>
</tr>
<tr>
<td>Kipling, William, no. 413 (stolen)</td>
<td>476V10</td>
<td></td>
</tr>
<tr>
<td>Kreiser, Conrad, crucifix</td>
<td>616V10</td>
<td></td>
</tr>
<tr>
<td>Layne, Catherine, no. 1824</td>
<td>617V10</td>
<td></td>
</tr>
<tr>
<td>Lepine, Jean-Antoine</td>
<td>203V10</td>
<td></td>
</tr>
<tr>
<td>Lepine of Paris, virgule</td>
<td>769V10</td>
<td></td>
</tr>
<tr>
<td>Leroux, John^V10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clockmakers' Company</td>
<td>90V10</td>
<td></td>
</tr>
<tr>
<td>no. 3153</td>
<td>201V10</td>
<td></td>
</tr>
<tr>
<td>un-numbered</td>
<td>201V10</td>
<td></td>
</tr>
<tr>
<td>Lestourgeon, David, no. 1709 (1769)</td>
<td>622V10</td>
<td></td>
</tr>
<tr>
<td>McCabe, James^V10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>duplex</td>
<td>769V10</td>
<td></td>
</tr>
<tr>
<td>no. 4411</td>
<td>617V10</td>
<td></td>
</tr>
<tr>
<td>no. 8260</td>
<td>489V10</td>
<td></td>
</tr>
<tr>
<td>no. 13602</td>
<td>617V10</td>
<td></td>
</tr>
<tr>
<td>no. 17774</td>
<td>489V10</td>
<td></td>
</tr>
<tr>
<td>numbering system</td>
<td>309V10</td>
<td></td>
</tr>
<tr>
<td>Mann &amp; Stevens, no. 315</td>
<td>585V10</td>
<td></td>
</tr>
<tr>
<td>Marchant, Samuel, dated1696</td>
<td>362V10</td>
<td></td>
</tr>
<tr>
<td>Massey, Edward, various</td>
<td>485V10</td>
<td></td>
</tr>
<tr>
<td>Massy, Henry</td>
<td>769V10</td>
<td></td>
</tr>
<tr>
<td>May, John</td>
<td>360V10</td>
<td></td>
</tr>
<tr>
<td>May, John, jnr. no. 3817</td>
<td>360V10</td>
<td></td>
</tr>
<tr>
<td>Molyneux, Robert, no. 1644</td>
<td>489V10</td>
<td></td>
</tr>
<tr>
<td>Motel, Henri, no. 44</td>
<td>491V10</td>
<td></td>
</tr>
<tr>
<td>Mudge, Thomas, equation of time indication</td>
<td>580V10</td>
<td></td>
</tr>
<tr>
<td>Nauwen, Michael</td>
<td>360V10</td>
<td></td>
</tr>
<tr>
<td>Philcox, George, no. 170</td>
<td>740V10</td>
<td></td>
</tr>
<tr>
<td>Pratt, Thos. no. 31147</td>
<td>100V10</td>
<td></td>
</tr>
<tr>
<td>Prior, Turkish market</td>
<td>585V10</td>
<td></td>
</tr>
<tr>
<td>Quare &amp; Horseman, no. 952</td>
<td>360V10</td>
<td></td>
</tr>
<tr>
<td>Quare, Daniel^V10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>no. 648</td>
<td>585V10</td>
<td></td>
</tr>
<tr>
<td>no. 775</td>
<td>585V10</td>
<td></td>
</tr>
<tr>
<td>Ramsay, David, star-shaped</td>
<td>90, 199V10</td>
<td></td>
</tr>
<tr>
<td>Recordon, Louis</td>
<td>419V10</td>
<td></td>
</tr>
<tr>
<td>Rehfus, Lorentz</td>
<td>360V10</td>
<td></td>
</tr>
<tr>
<td>Rentzsch, Sigismund</td>
<td>699V10</td>
<td></td>
</tr>
<tr>
<td>Robin of Paris</td>
<td>769V10</td>
<td></td>
</tr>
<tr>
<td>Smeaton, John</td>
<td>360V10</td>
<td></td>
</tr>
<tr>
<td>Smith, S. &amp; Son, tourbillon, no. 302/8</td>
<td>204V10</td>
<td></td>
</tr>
<tr>
<td>Street, Richard, 15-minute dial</td>
<td>90, 199V10</td>
<td></td>
</tr>
<tr>
<td>Strickland, Sarah (stolen)</td>
<td>732V10</td>
<td></td>
</tr>
<tr>
<td>Summersgill, Robert</td>
<td>687V10</td>
<td></td>
</tr>
<tr>
<td>Taylor, George</td>
<td>32V10</td>
<td></td>
</tr>
<tr>
<td>Thorne, Simon</td>
<td>585V10</td>
<td></td>
</tr>
<tr>
<td>Tomlinson, W.</td>
<td>585V10</td>
<td></td>
</tr>
<tr>
<td>Tompion &amp; Banger, no. 274 (stolen)</td>
<td>732V10</td>
<td></td>
</tr>
<tr>
<td>Tompion, C.</td>
<td>687V10</td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas,^V10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>no. 866</td>
<td>585V10</td>
<td></td>
</tr>
<tr>
<td>pre-balance spring</td>
<td>90, 199V10</td>
<td></td>
</tr>
<tr>
<td>Tregent, James, no. 2285 (stolen)</td>
<td>476V10</td>
<td></td>
</tr>
</tbody>
</table>
Vernon, Richard 33\textsuperscript{V10}
Wall and Frost, Wandsworth no. 14 739\textsuperscript{V10}
Wall, William 866\textsuperscript{V10}
Webber, William, oval 363\textsuperscript{V10}
Whitfield, James 33\textsuperscript{V10}
Yates, Thomas\textsuperscript{V10}
   no. 1089 740\textsuperscript{V10}
   no. 2879 740\textsuperscript{V10}
various 740\textsuperscript{V10}
Zerella of Spain 740\textsuperscript{V10}

Watch-case maker\textsuperscript{V10}

AS (Alfred Stram) 310\textsuperscript{V10}
Bamford, Arthur 345\textsuperscript{V10}
Baume & Co. 345\textsuperscript{V10}
Benson, J.W. 345\textsuperscript{V10}
CAP (Charles Petterman) 310\textsuperscript{V10}
CBH 743\textsuperscript{V10}
CH 585\textsuperscript{V10}
Dunant of London ? 769\textsuperscript{V10}
E.K. & Co. 740\textsuperscript{V10}
EW (Edward Walker) 310\textsuperscript{V10}
GH 310\textsuperscript{V10}
IC with axe above (Joseph Carpenter) 310\textsuperscript{V10}
IM 586\textsuperscript{V10}
IR (James Richard) 310\textsuperscript{V10}
JD (James Dow) 310\textsuperscript{V10}
LC with serpent above (Louis Comtesse) 310\textsuperscript{V10}
Matthews of London, various 572\textsuperscript{V10}
watch-case maker, continued\textsuperscript{V10}
Nielsen, Emile 345\textsuperscript{V10}
North, Robert 345\textsuperscript{V10}
Oliver, A.T. and R.J. 345\textsuperscript{V10}
Rowlands, Christopher 345\textsuperscript{V10}
SQ 740\textsuperscript{V10}
Stauffers & Co. 345\textsuperscript{V10}
Stram, Alfred 345\textsuperscript{V10}
T.B. 743\textsuperscript{V10}
TC 620\textsuperscript{V10}
TC (Thomas Carpenter) 18\textsuperscript{V10}
Thickbroom, C.J. 345\textsuperscript{V10}
Thoms, Frederick (Thomas) 345\textsuperscript{V10}
Thoms, London 769\textsuperscript{V10}
T.P 157\textsuperscript{V10}
TP with star above (Thomas Perry) 310\textsuperscript{V10}
Traher, F.T. 345\textsuperscript{V10}
TW (Thomas Walker) 310\textsuperscript{V10}
Webb, William 345\textsuperscript{V10}
WF 617\textsuperscript{V10}
WJ 617\textsuperscript{V10}
Woodman, Philip 345\textsuperscript{V10}
WR (William Robson) 310\textsuperscript{V10}

Watch-case makers of Clerkenwell 345\textsuperscript{V10}
Watch certificate of James McCabe 314\textsuperscript{V10}
watch-key York Castle Museum 360\textsuperscript{V10}
watch-paper York Castle Museum 360\textsuperscript{V10}
watch- pendant maker\textsuperscript{V10}

Harrold, Charles 345\textsuperscript{V10}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Proctor, J. 345
watch production, decline in British 709
watch, set in a ring, see Ring watch
watches, McCabe, James 309–316
Watchmaking in Coventry by Peter Searby 465–468
water-driven turret clock 612
water flow recording clock, Glenfield & Kennedy 368
Watkins & Smith barometer 414
Watkins, Richard, longcase clock (stolen) 826
Watmough, James, turret clock maker 32
Watson. See also Walker & Watson
Watson, Henry longcase clock 517
Watson, J., mezzotint of Admiral Richard Earl Howe 164
Watt, James 736
Watt, John longcase clock 450
Watts, Brounker longcase clock 603
Weather clock, designed by Christopher Wren 521, 564–566
Weaver, J.D., Escapement Errors 688–697
Webb, John 559
Webb, William, watch-case maker 345
Webber, William
pocket chronometer no. 17928 363
watch, oval 363
Webster, Henry, lantern clock 831
Webster of Shropshire
lantern clock 351
Webster, Richard
bracket clock 815
Webster, William
bracket clock, ebony case 469
bracket clock, mahogany case 522
carriage clock (stolen) 826
longcase clock 769
longcase clock, mahogany case 778
longcase clock, month-going, later case 350
Wedgwood, Josiah 37
Weeks, Thomas, clock set in a cabinet 834
Wegelin, Johann, Georg table clock 815
West Dean College 81
West James 168
Westminster Clock ("Big Ben")
1976 breakdown 85
1976 disaster and reconstruction 480
AHS visit to, 1977, report 479–482
Westmorland copper mine 102
Weston, Dr. Margaret 210
WF, watch-case maker 617
wheel cutting engine 93
Wherestead Hall, stable block 686
Wherestead Hall, turret clocks 684–687
White, Edward, carriage clock, no. 756 413
White, T.E. A Clerkenwell Tour of Fifty Years Ago 340–346
Whitehurst & Son bracket clock (stolen) 205
Whitehurst, John
barometer 33, 37, 38
Whitehurst of Derby
barometer 531
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

British Watch and Clockmaking Company 709

Whitfield, James watch 33
Whitfield, Peter, Dissertation on Hebrew Vowel Points 37
Wightman, Alex. longcase clock 320
Wightman, Alexander, longcase clock 186
Wilcox, Edward, longcase clock (stolen) 446
Wilderspin, John, Cambridge, letter from G.K. Hadfield 738
Wilding, John

A Herbert Scott electric clock, lecture 613
Making a Small Turret Clock, lecture 612
Wilkes & Baker, dial makers 56, 173
Wilkie, James longcase clock 319
Wilkins, John 551, 556
William Clarke, London, letter from A.L. James 620
Williamson, John longcase clock 622
Williamson of London bracket clock 396
Willis, J.T., dial maker 346
Willys, William, clockmaker 728
Wilmut, Louise, Noon Mark Sundial in Malta 464
Wilmut, R.H. de Burgh, Turret Clocks in Malta 816-818
Wilmshurst, Ninyon, Brighthelmstone, letter from Rex Binning 737

Wilshire & Link

longcase clock 350
Wilson, David

longcase clock 317, 319, 326
Wilson, James

longcase clock 320, 452
Wilson of Birmingham, dial false-plate 620
Winchelsea, clockmaker from 42
Winchester, St. John’s church, turret clock 43
Windmills & Elkins

longcase clock, quarter-striking 351
Windmills, Joseph

longcase clock 292
marquetry case 774
month-going 501
month-going, walnut case 774
Windmills of London

lantern clock 351, 646
Windmills, Thomas

bracket clock, green lacquer case (stolen) 732
Winterthur, Rathouse clock exhibition 102
Wise, John, long, marquetry case 149
Wise, Peter, longcase clock 720, 787
Wiseman, James, longcase clock 317, 319, 325
WJ, watch-case maker 617
Wolfall, William 33
Wolters & Sleutjes, Vakkundige Reparties aan Antiek Stoel en Staartklokken, reviewed 850
women in horology Layne, Catherine, watchmaker 617
Women Makers letter from Rita Shenton 487
Wood, Daniel Loncase clock 13
Wood, Isaac tavern clock 730
Wood, Michael 686
Wood, Robert, bracket clock 147
Wood, S. & Kramer, S., Clockmakers of Lancaster County, reviewed 608
Wood, William, longcase clock 319, 321
Wooden movement. see Black Forest clock

Woodhouse, William, regulator 510
Woodman, Philip, watch-case maker 345
Woods, T.G. & Sons, jewel bearing makers 345
Worcester, Marquis of 182
Workbook of Francis Abbot 843
Worshipful Company of Clockmakers Collection, Lecture by Cecil Clutton 90
Worshipful Company of Clockmakers Collections Displayed at the City of London Guildhall, lecture by Cecil Clutton 197–205
WR. see Robson, William
Wren, Christopher designer of clock cases? 550–570
early years 551
lunar globe 557
Parentalia 564
Pembroke College Chapel 563
relationship with Ahasuerus Fromanteel 550–570
weather clock 521, 564–566, 566
Wren, Dean Matthew 551
Wrench of Chester, clockmakers 93
Wright & Bethune, dial makers 59
Wright, B. & Co., dial maker 320
Wright, Edmond, longcase clock, year going 11
Wright, J. & W., dial makers 59
Wright, John, tavern clock 395
Wright, Joseph, The Iron Forge, 1772 432
Wright, Thomas, watchmaker 93
Wright, William, bracket clock 486
WW. see Webb, William
Wycherley, wheel production 707
Wyke, J., wheel cutting engine 93
Wyke, John 37, 38, 302
longcase clock 730
Wyke, John, 18th Century Clock and Tool Maker, lecture by Alan Smith 736
Wynn, William, letter from C.G. McKay 486
Y
Yates, E.S. & Co. 826
Yates, Thomas
watch no. 1089 740
watch no. 2879 740
watches various 740
year-going. see long duration
Young, William, locksmith 728
Yuell, Robert, longcase clock 319
Yvern, Bernat 725
Yvern, Bernat, clockmaker 723
Z
Zeeman, J, De Nederlandse Staande Klok, reviewed 610
Zerella of Spain, watch 740
Zimmermann, Johannes, portrait by Holbein 75
ANTTIQUARIAN
HOROLOGY

AND THE PROCEEDINGS OF

THE ANTIQUARIAN HOROLOGICAL SOCIETY

VOLUME XI
Autumn 1978 to Winter 1979

THE ANTIQUARIAN HOROLOGICAL SOCIETY
LONDON
MCMLXXX

PAGINATION OF THE JOURNAL

<table>
<thead>
<tr>
<th>Issue No.</th>
<th>Published</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>AUTUMN 1978</td>
<td>1-116</td>
</tr>
<tr>
<td>TWO</td>
<td>WINTER 1978</td>
<td>117-252</td>
</tr>
<tr>
<td>THREE</td>
<td>SPRING 1979</td>
<td>253-344</td>
</tr>
<tr>
<td>FOUR</td>
<td>SUMMER 1979</td>
<td>345-452</td>
</tr>
<tr>
<td>FIVE</td>
<td>AUTUMN 1979</td>
<td>453-548</td>
</tr>
<tr>
<td>SIX</td>
<td>WINTER 1979</td>
<td>549-664</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>665-674</td>
</tr>
</tbody>
</table>
THE ANTIQUARIAN HOROLOGICAL SOCIETY

Officers and Members of the Council and Committees
as at 30th September, 1978

President: THE RT. HON. THE LORD HARRIS, C.B.E., M.C., J.P.

Vice-Presidents: C. CLUTTON, C.B.E.

Chairman: C. B. DROVER

Vice Chairman: C. D. BELCHER
Secretary: COMMANDER G. CLARKE, F.C.I.S.
Technical Enquiry Officer: J. H. F. WADSWORTH Deputy Secretary: E. P. WILSON
Editor, Antiquarian Horology: DR. J. PLOWMAN Advertising Agent: J. ARTHUR COOK

Council
C. B. DROVER (Chairman), C. K. AKED, C. D. BELCHER, E. F. BUNT (Librarian), P. G. DAWSON,
COMMANDER H. D. F. NETTELL, T. O. ROBINSON, E. W. TAYLOR, A. A. TREHERNE.


PUBLICATIONS COMMITTEE
Chairman and Secretary: C. K. AKED. Members: DR. F. G. A. SHENTON, MRS. R. K. SHENTON.

LIBRARY COMMITTEE
Chairman: E. F. BUNT. Members: C. K. AKED, E. J. TYLER.

NORTHERN SECTION
Chairman: J. B. POLDING Hon. Secretary: N. HARVEY Hon. Treasurer: R. GRAINGER

Irish SECTION
Chairman: C. HEALY Hon. Secretary and Treasurer: W. G. STUART

AMERICAN SECTION
President and Hon. Secretary: GEORGE C. KENNEY II Treasurer: M. RIMLER
London Liaison Officer: N. LANGMAID

ELECTRICAL HOROLOGY GROUP
Chairman: DR. F. G. A. SHENTON Hon. Secretary: A. MITCHELL
Hon. Treasurer: DR. D. VAUGHAN

TURRET CLOCK GROUP
Chairman: T. O. ROBINSON. Vice Chairman: B. HUTCHINSON. Hon. Secretary: D. F. NETTELL.

CLOCK RESTORATION GROUP
Chairman: C. K. AKED. Hon. Secretary: E. W. TAYLOR. Hon. Treasurer: MRS. J. TAYLOR.

Technical Consultant: B. HUTCHINSON.

New House, High Street, Ticehurst, Wadhurst, Sussex, TN5 7AL
Tel.: 0580 200155903
225 Years of Timepieces: a Lancaster County Legacy, NAWCC exhibition 393, 24VII
Hour dial longcase clock, Philip Lloyd, Bristol 619, 620VII
500 Years of Peter Henlein, exhibition (F A U ), 408VII
A M J , Quare and Horseman, longcase clock, letter, 426VII
A B P , Photography, letter, 521VII
A M , reports 77, 78, 222, 223VII
Abbott, Francis, Manchester and Hobart, letter by L E C , 417, 419VII
Abeler, Jürgen, 5000 Jahre Zeitmessung, reviewed, 225, 226VII
Abraham Ibn Ezra 411VII
Accuracy in Repeating Work, Wilkes, W W , 603VII
Adams and Perry Watch Company 393VII
Adamson, John, London, bracket clock, 111VII
Adelard of Bath 411VII
The adoption of Standard Time and the evolution of synchronised time keeping, by Alun C Davies 284, 289VII
An aid to depth of field determination in horological photography, by T T Walters 280, 283VII
Ainsley, R , Acton, mahogany 8-day longcase regulator clock, 3VII
Ainsworth, G , Warrington, D Q , letter, 426VII
Ainsworth, G , Warrington, longcase clock manufacturer, letter, 521VII
Ainsworth, George, Warrington, movement made by, letter by D R , 319VII
Airy, Sir George BiddellVII
chronograph 77VII
train remontoire, made by Dent 342VII
Aked, Charles K , review, 612, 614VII
Aked, J R A , Sand-glasses of the Historisches Uhren Museum, Wuppertal, Germany, 293, 298VII
Alarm watch, Massy, Nicolas, Blois, 83VII
Albrecht, George, Zillichau, watch, 69VII
Albright, Frank P , Johann Ludwig Eberhardt and his Salem Clocks, reviewed, 413VII
Aldworth, Samuel, Strand, London, longcase clock, letter by R N B , 636VII
al-Jazari 411VII
Alker, A , Wigan, longcase clock, 228VII
Allam, William, London, bracket clock, ebonised, repeating, 462VII
Allix, C R P , book review, 584, 585VII
Almucantar 576, 579VII
Alte Uhren 45, 415, 428VII
Glashütte Technical School, tourbillons 406VII
Lange and Sohne 406VII
review 608VII
The American Watch Co , watch, Riverside, No 7019589, 619VII
ANCAHA, see also Horlogerie Ancienne, 612, 614VII
Andrew Dickie & Others, Clock & Watchmakers, by Martin Norgate, 586, 603VII
Andrewes, William, John Harrison Early Work, in Horological Dialogues, reviewed, 609VII
Anglicus, Robertus 607VII
Anonymous wall clock, hooded 653VII
Anschütz in Torgau, watch, seconds beating, 364, 365VII
Antikythera 411VII
Antikythera Mechanism, lecture to American Section by Robert Deroski, 625, 628VII
Antiquarian Horological SocietyVII
A short history of the , by C B Drover 144, 145VII
American Section 403, 405, 623, 628VII
Horological Dialogues, reviewed report 609, 610VII
Annual General Meeting, 24th, report 223, 224, 253, 300, 306, 515, 516VII
Annual General Meeting, 25th 507VII
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Electrical Horology Group 621
Electrical Horology Group, visit 516, 517
Northern Section 511, 512, 621, 622
Restoration Group 621
Turret Clock Group 512, 515
Turret Clock Group A G M 622
Ulster Section, report 510, 511

Antiquarian Horology and the proceedings of the Antiquarian Horological Society, editorial article 160, 161
Antiquarian Horology Volume I, correction of monograph number, 384
Antweiler, Professor, death of, 408
Apps, Robert, of Battle 42
Archimedes, sphaerae, 411
Arlot, Thomas, Sunderland, bracket clock, ebonised, 427
Armillary sphere 411
observation, of Chang Ssu Hsun 605
Arnold balance, U+O 114
chronometer No 59 406
Arnold and Dent, London, ebonised travelling timepiece, 135
Arnold and Lewis, Manchester, perpetual calendar repeating watch, number 4235, 341
Arnold, Charles Frodsham, 84 Strand, London, rosewood travelling mantel clock No 858, 134
Arnold, John double S balance 209
precision watches 208, 211
watch No 44 208, 209
Arnold, John & Son chronometer No 11/111 507
chronometer No 69 504, 506
chronometer, marine, No 48 83
Arnold, John R, chronometer, marine, No 595 114
chronometer, pocket, No 1808 83
Arnold, John, London, mantel clock, 427
Ashmore, Wm, London, telescope, 12
Asprey & Company, Exhibition of marine chronometers, 504, 507
Astrolabe construction of, by Peter S Honig, in Horological Dialogues, reviewed 610
English lecture by Anthony J Turner 401
Raimondi, Petrus 515, 516
St Alban's clock like 576, 579
Astrology 411
Astronomical clock anonymous Strasbourg table c 1580, 262
Budgen, Thomas, Croydon, longcase 362, 363
Chang Ssu Hsun 604, 605
Cockey, Edward, longcase 428
Gandy, Cockermouth, red walnut longcase 547
Johnson, John, London, table c 1790 392
St Alban's tower 549, 576, 584, 621, 622
Ulm, Germany 164, 166
Astronomical compendium, dated 1596, 569
Auction catalogues 503
Auction prices 59, 309, 427, 428, 618, 619, 620
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Haisermann, David, elephant automaton clock 113
Haug, Samuel, quarter striking table clock c 1620 263
Schmidt, Geo, automaton 623
Automata and jacks 168
Automaton, “Tippoo’s Tiger”, 70
Automaton clock Geo Schmidt, Augsburg 623
Haisermann, David, Augsburg, elephant 113
Klock, Pieter, Amsterdam, longcase musical, given to Napoleon I 352
Taylor, John, London, ormolu musical bracket 4, 5

B
B F M., Post-framed clocks in the North of England, letter, 316
B N., Bunyan & Gardner, Salford, watch, No 600, letter, 426
B R T., letter (Robert Pattison), 521
Backinsell, W G C., The Medieval Clock in Salisbury Cathedral, reviewed, 308, 309
Bacon, D H., William Wall of Wandsworth, letter, 88
Baddeley, John, of Albrighton, longcase clock, letter by M P I., 524
Bailey, Chris, Two Hundred Years of American Clocks And Watches, review 81
Bailie, G H.

in historical perspective, in review by C Clutton 610, 612
Watches, their History, Decoration, and Mechanism, reviewed 610, 612
Baker, Henry, Malling 319
Baker, Richard, London, month marquetry longcase clock, 245
Balance Arnold U+O 114
Arnold, double S and double T 209
Brockbank’s compensation, chronometer by Best 83

castellated 386, 387

dual pirouette, Weishaubt, Frantz 364

Poole’s auxiliary 118
Balance cock, early pierced, 480, 481
Baldwein 412
Ball, M F., early pendulum clocks; turntables; letter, 320
Ball, Martin, Turret Clock Escapements, lecture, 513, 514
Ballocon coach 428
Perigel, Francis, mahogany 101, 239, 338
Wecks of Coventry Street, stolen 84
Banfield, Edwin, Antique Barometers, an illustrated survey, reviewed, 410, 411
Banger, Edward, bracket clock, chiming, 424, 425
Banjo clock, Chelsea Clock Co, 309
Bannister, George, Colchester 306
Barber of Winster, longcase clock, 512
Barham, G., Hawkhurst, watch, lever, 419
Barker, D., Craftsman in Leeds 1838, 407, 408
Barkley & Colley, London, bracket clock, silver spandrels repeating, 618
Barnes, John, London, longcase regulator, balloon shape, 358, 359
Barnes, Richard, of Worcester, watch, 61, 62
Barometer 340
Banfield, Edwin, book reviewed 410, 411
Grice, W Hawkes, London 123
Quare, No 140 515
Symington, James 121
Barometer, pocket, Cary, London, 11
Barr, Wm, Hamilton 90
Barraud, Cornhill, London, mantel clock No 1069, 556
Barraud, London, chronometer, deck watch, No 618, 619
"Barrow" regulator, origin of 480, 482
Barrow, Nathaniel, watch, Schloss collection, 480
Barwise family 316
Barwise, London
bracket clock, stolen 632, 633
watch, No 3763 618
Basingstoke turret clock St Michael's Church 515
Town Hall 515
Willis Collection, visit 628
Bateman, Douglas radiocheckrate
Turret Clock Escapements, lecture 514
Battle, The Clockmakers of, by E J Tyler 39, 45
Baume & Mercier, Geneve, watch, stolen, 519
Baxter, Manister, St Noets, bracket clock, miniature alarm, 452
Beech, John, Newcastle under Lyme, keywound thirty hour longcase clock, 188, 189
Beeson, Dr Cyril F C 179, 397, 398
Belcher, C D see also C D B, reports 628
Bell, Edward, Uttoxeter 202
Bell, Geoffrey octant by 571
planetarium by 571
Belleville, form watch, mandolin, 69
Belville, John and Ruth 285, 288, 289
Benkendorf, Lee collection 302, 304
paper on early longcase movement 301, 303
Bentley and Beck, London, drop dial clock, 322
Berge, late Ramsden, sundial, pocket, 10
Bernard, Nicholas, of Paris, watch, 65, 66
Berringer, of Helston, small wall clock, 566
Berthoud, Ferdinand 206, 207
Best, London, chronometer, 83
Biddle, George, Birmingham, mahogany longcase clock, 201
"Big Ben" 285, 286
see also Westminster clock
Bible, Chewstoke, lantern clock, with calendar, 653
Bible, Edward, longcase clock, chiming 3 train posted, 619
Bilbie, W, Chewstoke, watch, No 504, 619
Billop, William, London, walnut longcase clock, 339
Bineymé à Dieppe, perpetual calendar mantel clock, letter by Dr W Lympius, 88
Binny, Daniel, Edinburgh 599
Blakeway, Charles, Albrighton, Shropshire 191
Blick International Systems Ltd, visit by Electrical Horology Group, 516, 517
Blois, Chateau of, clock illustration in, 386, 387
Bloys, A, of Blois, watch, 65
Bockstael, P J, of Rexpoede, musical longcase clock, 512
Bodet, turret clocks by, 403
Body, Obadiah, and family, clock makers of Battle 41
Boehme, F, pupil of H Rogien, observatory regulator, 14
Bonbrueck of Blois, watch, 512
Book Reviews (by author, reviewer's name in brackets)VII
[American Section], Horological Dialogues (M G Hurst)610, 612
Abeler, Jürgen, 5000 Jahre Zeitmessung, (E Jurman) 225, 226
Albright, Frank P, Johann Ludwig Eberhardt and his Salem Clocks (Alun C Davies) 413
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Backinsell, W G C , The Medieval Clock in Salisbury Cathedral, (C G McKay) 308, 309
Bailey, Chris, Two Hundred Years of American Clocks and Watches (B L ) 81
Bailie, G H , Watches, their History, Decoration, and Mechanism (Cecil Clutton) 610, 612
Banfield, Edwin, Antique Barometers, an illustrated survey (N Goodison) 410, 411
Brusa, Giuseppe, L’Arte dell’Orologia in Europa, Sette Secoli di Orologi Meccanici (J H Leopold, B Hutchinson, C R P Allix) 409, 410

Daniel, Christopher St J H , Sundials on walls, (J R A ) 82
Edwardes, Ernest L The Story of the Pendulum Clock (Charles B Lee) 517, 519
Gibbs, Sharon L , Greek and Roman Sundials (F A B Ward) 483
Green, Arthur Robert, Sundials: Incised Dials or Mass Clocks (Dr F A B Ward) 585

Jagger, Cedric, The World's Great Clocks And Watches (A Smith) 224, 225
King, Henry C , and Millburn, J R , Geared to the Stars; the Evolution of Planetariums, Orreries, and Astronomical Clocks (Dr F A B Ward) 411, 412
Loomes, Brian, Complete British Clocks, (D F Nettell) 289
Maitzner, Francis, and Moreau, Jean, La Comtoise: La Morbier: La Morez (B Hutchinson) 308
Marperger, Paul Jacob, Horologiographia, Oder Beschreibung der Zeit, (1723) (E J ) 78
Mauss, Dr Joachim, From seconds hand to chronograph (E J ) 183
McIntosh, K H , Chislet and Westbere (Villages of Stour Lathe) (D F Nettell) 608
Mercer, Tony, Mercer Chronometers: Radical Tom Mercer and the House He Founded (Alun C Davies) 412, 413

Plomp, Dr R , Spring driven Dutch Pendulum Clocks, 1657-1710 (C R P Allix) 584, 585
Ponsford, C N , Time in Exeter (Peter Fell) 585
Proctor, D V , Astrology and the Astrolabe in Europe (Dr F A B Ward) 411
Schipper, G , (Ed), Schriften der Freunde Alter Uhren XVII, (E J T ) 183
Terwilliger, C, The Horolovar 400 Day Clock Repair Guide (J Plowman) 518
Tyler, E J , Black Forest clocks (T A Camerer Cuss) 183
Vogel, C F , Praktischer Unterricht von Taschenuhren (1774) (E J ) 78
Waters, Ivor, Chepstow Clock and Watch Makers, (B L ) 160
Zeeman, J , De Nederlandse Stoelklok, (E J Tyler) 225

Books, Editorial, by Dr J M Plowman, 479
Boot, John, Huddersfield, bracket clock, mahogany calendar, 542
Booth, William, Leeds (violin maker) 407
Boothroyd, C A W , obituary by Charles K Aked 414
Boule, André Charles 402
Bowes Museum founders of visit by Northern Section 401, 512
Bowman, Ezra F , watch, 393
Boxell, Brighton bracket clock, stolen 519
strut timepiece 427
Bracket clock
Edwardian chiming 618
quarter chiming, Conyers Dunlop, London 553
quarter repeating, Goubert, Jacobus, of London 554
Bracket clock by
Adamson, John, London 111
Allam, William, London, ebonised, repeating 462
Arlot, Thomas, Sunderland, ebonised 427
Banger, Edward, chiming 424, 425
Barkley & Colley, London, silver spandrels repeating 618
Barwise, London, stolen 632, 633
Baxter, Manister, St Noets, miniature alarm 452
Booth, John, Huddersfield, mahogany calendar 542
Boxell, Brighton, stolen 519
Brockbanks, London, rosewood 618
Burgis, Edward, London quarter striking 346
three train quarter strike and repeat 619
Chambley, Francis, Newcastle under Lyme, japanned dial 202
Clowes, London 309
Cockney, Edward, Warminster, ebonised repeating 337
De St Leu, Daniel, London, green lacquer musical 138
Delander, Daniel, London, ebony repeating and alarm 278
Dickie, Andrew, Edinburgh, musical 596, 597, 599
Dimmer, Southsea 309
Du Moulin, Montreal 618
Dufosse, Pierre Antoine, in Vernis Martin case 625, 626
Dunant, William, London, ebonised, remontoire calendar 545
Edwin, Jno, ebonised, stolen 415
Ellicott & Taylor, Royal Exchange, lancet case 619
Ellicott, John, London (stolen) 519
elbenised timepiece 266, 267
mahogany repeating 261
mahogany, stolen 310
walnut, stolen 415
Ellicott, musical movement 91
Elliott, John, London, repeating mahogany, stolen 227
Fladgate, John, London 619
Garon, Peter, London, repeating marquetry 258, 259
Goode, Charles, London 515, 516
Gould, Christopher, London, ebony 353
Graham, George, London, No 660 618
Gregory, Jeremie, in style of Henry Jones 157, 159
Greyhurst, Strand, London, stolen 85
Griffith, M W, London 309
Hale, stolen 519
Hare, London 658
Hindley, York, stolen 103, 226
Hoff, George, the elder, quarter striking 393
Holland, Robert, of London, mahogany with rise and fall 573
Holly, J, London 619
Hughes, W, London 619
Jardine, John, Chiswick, 8 bell chiming, stolen 226
Jones, James, London, walnut, stolen 311
Jump, Mount Street, stolen 85
Knibb, John, Oxford, ebony 29
Knibb, Joseph olive wood 26
turntable base 155
Knibb, Joseph, London ebony quarter striking 356
quarter repeating walnut 619
Leduc, Paris, Boullé 270
Lowndes, Jonathan, London, stolen 519
Markwick Perigal, London, tortoiseshell musical Turkish 428
Markwick, London ebonised, stolen 311
quarter repeat, stolen 310
stolen 227
Marriott, London, quarter striking 19
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Marsh, A., London 309
Moon, Richard, London, mahogany 245
Moore, Thomas, Ipswich 340
Norton, Eardley, London, gilt metal musical grand sonnerie 360, 361
Overall, Henry, of Dover 511
Pace, Thomas, London 618
Panter of Cholsey, musical 420
Parkinson & Frodsham, London 427
Peckover, Richard, London, ebonised, repeating 428
Pennington, Robert, London 557
Perigal, Francis, London, eight bell chiming walnut 257
Pike, John, London, stolen 227
Planner, Thomas, ebonised repeating, stolen 226
Prior, George, London, musical Turkish 348, 349
Prior, George, London, tortoiseshell, musical, Turkish dial 619
Pyke, John, London, quarter repeat, stolen 310
Quare, Daniel
made by Tompion 156, 157, 224
repeat, subsidiary dials 623, 624, 625
turtle shell veneered 223, 224
with seconds dial 321
Rimbault, Paul, of London, fruitwood 574
Rimbault, Stephen, three train musical, stolen 226
Robinson, Francis, London, ebony quarter striking 2
Saphin, P., London, chiming 618
Smith & Son, London 662
Smith, B., Leeds, red lacquer 619
Smith, Jas., London, green japanned 309
Smith, John, York, stolen 103, 226
Staples, James, of London 511
Stimpson, Henry, of Bath, mahogany 2
Strape, Cumbria, chiming 618
Strelley, Francis, London, architectural 116
Strigel, George Philip, London, fruitwood 466, 467
Taylor, John, London mahogany repeat calendar 476
walnut, stolen 311
Taylor, Thomas, made by Knibb, Joseph 157, 158
Thévenot à Paris, stolen 84
Thompson, John, Lewisham 366

Bracket clock by

Thwaites and Reed, London, Masonic 309
Tomlin, E., London 619
Tompion, Thomas, ebony quarter repeating timepiece No 77 249
Vulliamy, four-glass, alarm, stolen 415
Vulliamy, London, musical fountain, No 371 618
Ward, John, London, repeating mahogany 260
Webster, William, Exchange Alley, walnut 558
Whitehurst of Derby 193
Williams, Jno, London, mahogany repeating 428
Windmills, Joseph, of London 510
Wood, Robert, London, musical 309
Yonge, G & W., London, lancet 309

Bracket clock, musical

De St Leu, Daniel, London, green lacquer 138
Dickie, Andrew, Edinburgh 596, 597
Ellicott 17
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

- Ellicott, movement 91
- Norton, Eardley, London, gilt metal grand sonnerie 360, 361
- Panter of Cholsey, 420
- Prior, George, London, tortoiseshell, Turkish dial 619
- Prior, George, London, Turkish 348, 349
- Rimbault, Stephen, three train, stolen 226
- Taylor, John, London, ormolu automaton, 4, 5
- Vulliamy, London, fountain, No 371 618

Bramer, Poulus, of Amsterdam, musical longcase clock, 512
Bray, Thomas, watch, duplex quarter repeat, 439
Breguet, watch, gold quarter repeating ruby cylinder, No 1672, 619
Breguet, Abraham Louis
  - chronometer, No 428 305, 306
  - development of watches by 210, 211, 215, 218
  - lever watch of 1828 217, 218
  - marine chronometer No 4208 548
  - marine chronometer, No 428 428
  - Montre à tact, No 3987 275
  - perpetuelle No 15 of 1787 215
  - ruby cylinder repeater 216
  - travelling clock owned by Napoleon I 414
  - watch, No 1270 68
  - watch, No 3402 83
  - watch, No 4020 433
  - watch, self winding, No 2781 433

Briant, John, Parliament Row, Hertford, 1749-1829, turret clocks by 230
Bridge, Thomas, Bolton 186
British clocks, 1700-1900, a review, by A A Treherne 184, 205
British Time Recorders Ltd 517
Broadhurst, Wal, Litchfield, oak longcase clock, 120
Brockbank and Atkins, chronometer No 2070, 507
Brockbank, John 316
Brockbank, John, London, watch, no 726, letter by Lloyd Brown, 89
Brockbanks, London, bracket clock, rosewood, 618
Brocot, Achille, carriage clock, Limoges panels, No 1214, stolen, 310, 311
Brown, Lloyd
  - John Brockbank, letter 89
  - letter by J B Penfold 316
Bruce and Sons, John, Liverpool, observatory 56 hour marine chronometer, 3
Brunelleschi, Filippo 409
Brunelot(?), carriage clock, 271
Brusa, Giuseppe, L'Arte dell'Orologeria in Europa, Sette Secoli di Orologi Meccanici, reviewed, 409, 410
Brussels miniature 409, 606, 607
Bruton, Eric, Jewels and Jewelling, lecture, 401
Buckingham, Joseph, watch, 83
Budgen, Thomas, Croydon astronomical longcase hooded wall clock 362, 363
  - Building a Time code receiver, lecture by David Pawley 222
  - Bull, Edmund, of London, watch, 62
  - Bull, Fredk, electric mantel regulator, 15
  - Bulle clock, suspension repair, 621
  - Bullock, Richard, Ellesmere, Shropshire, thirty hour longcase clock, 187, 188
  - Bully, John, Stirling, clock keeper, 587
  - Bunyan & Gardner, Salford, watch, No 600, 426
  - Burgheley House, exhibition of clocks, 392
  - Burgis, E, London, longcase clock, parquetry, 309
Cumulative Index for Antiquarian Horology Volumes 10 to 19

Burgis, Edward, London
- bracket clock, quarter striking 346
- bracket clock, three train quarter strike and repeat 619

Burnell, William, Ashton Keynes, longcase clock, oak, dated 1834, 228

Burning clocks
- letter by E J T 523
- letter by H C N 634
- letter by P H Whatmoor 417
- letter by W L 524

Bushman, of London, watch, 64, 65

Buz, Johannes, of Augsburg, clock-watch, 61, 62

C
- C D B , reports 74, 75, 299
- C P , Kent Clocks and Clockmakers, letter, 418
- C T , Edward Cockey, Warminster, restoration of repeat work, letter, 229

Caillard, B, thanked, 509

Calendar dial
- annual, Tripp, Westminster, longcase clock 619
- Breguet, travelling clock 414

Cockey, Edward, longcase 428

Lamanda, Nicola, Neapoli, coach watch 475

Lloyd, Philip, Bristol, longcase clock 619, 620

longcase clock, Philip Lloyd, Bristol

Taylor, John, London, mahogany bracket clock 476

year, Dunant, William, London bracket clock 545

Calendar watch
- Goliath 309
- minute repeating chronograph, West End Watch Co 659
- Tompion, Thomas, No 3986 314, 315

Calendar, Hora Antiqua, reviewed, 495

Calendar, perpetual
- Bineaymé à Dieppe, letter by Dr W Lympius 88
- repeating watch, Arnold and Lewis, Manchester, number 4235 341

Callam, Alexander, London, longcase striking regulator, 470

Calver, James, Diss, tavern clock, 21

Carriage clock
- chronometer, Dent, London, No 1567 463
- Kulber, No 6079, miniature, stolen 310
- Poole, John, No 4428 118, 119
- grande sonnerie with caryatids stolen 310, 311
- tourbillon grande sonnerie, Frodsham, Charles 618
- Carriage clock by
- Brocot, Achille, Limoges panels, No 1214, stolen 310, 311
- Brunelot(?) 271
- Dent, London, No 1567, chronometer 463
- Frodsham, Charles
- grande sonnerie tourbillon 618
- No 2358 137

Funnell, Edward, Brighton, English quarter striking 437

Guye, P & A, London, timepiece, reverse fusee 655

Jacot, Henri, St Nicolas d'Aliermont, stolen 310

Kulber, No 6079, miniature chronometer stolen 310

Le Roy et Fils, No 3307 343

Parkinson and Frodsham, duplex timepiece 336

Payne & Co., grande sonnerie alarm 428

Poole, John, chronometer, No 4428 118, 119

Robin, Paris, with escapement by Winnerl 428
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Viner, London, No 214  274
Carrington, London, longcase clock, quarter striking movement, stolen,  415
Caron, Anthoine (c1521-1599), painting showing clock  386, 388
Carswell, Joseph, Hastings, lantern clock, in longcase,  618
Carter, Walthamstow, longcase clock, walnut,  538
Cartier, "Santos" wrist watch,  414
Cartier, Louis, first wrist watch for Santos Dumont,  414
Cary, London, pocket barometer,  11
Case maker, longcase, Rich,  470
Casing of watches, delayed  320
Centre seconds, Dunant, William, London, remontoire bracket clock,  545
Chain, tools for making fusee and 30 hour,  628
Chain making, P B J , letter,  420
Chamberlin, T., of Chelmsford, clock watch,  61, 63
Chambley, Francis, Newcastle under Lyme, japanned dial bracket clock,  202
Champion, John, London, watch,  69
Chang Ssu Hsun  604, 605
Chatelaine  24, 335, 450
Chaternay, of Versailles, bracket clock,  512
Cheeseman, John, of Battle  41, 42
Chelsea Clock Co, banjo clock,  309
Chepstow Clock and Watch Makers, by Ivor Waters, reviewed by B L  160
Chettle, Thomas, of Battle  44, 45
Chinese clocks, ancient  411, 604, 608
Chislet and Westbere (Villages of Stour Lathe) by K H McIntosh, reviewed  608
Chronograph, Airy, Sir George Biddell,  77
Chronometer
Arnold, No 59  406
Arnold, John & Son
No 11/111  507
No 69  504, 506
Barraud, London, in deck watch case, No 618  619
Breguet, Abraham
Louis, No 428  305, 306
Brockbank and Atkins No 2070  507
Dent No 114  505, 507
Dent, London, movement No 24947  428
erasure of names by Dunkerque Depot, letter by W J  614
Frodsham, Charles, No 3311  507
Frodsham, No 4006, stolen  415
Johannsen  465
Losada No 3955  507
McCabe No 172  507
Mercer, Thomas  412, 413
Chronometer, carriage clock
Kulber, No 6079, miniature, stolen  310
Poole, John, No 4428  118, 119
Chronometer, marine
Arnold, J R., No 595  114
Arnold, John and Son, No 48  83
Best, London  83
Breguet, Abraham Louis, No 428  428
Bruce and Sons, John, Liverpool, observatory 56 hour  3
Desbois, Daniel, No 1632  427
Earnshaw, Thomas, No 376  428
Earnshaw, Thomas, No 4951  83
Frodsham, London No 2364  618
Cumulative Index for Antiquarian Horology Volumes 10 to 19
Compiled by Edward Powell @ AHS 2006

Hamilton Watch Company  618VII
Howells and Pennington  414VII
Kelvin, Bottomley and Baird, No 9030  618VII
Kullberg, London, No 9621  618VII
Kullberg, Victor, 56 hour No 6105  239VII
McCabe, James, No 486  83VIII
modern Russian, letter by R B M  634VII
Russells Ltd, Liverpool, No 7052  309VII

Chronometer, pocketVII
Arnold, John R, No 1808  83VIII
Dent, No 26374  254VII
Earnshaw, Thomas, No 2810  83VIII
Molyneux, Robert, No 2220  313VII

Chronometers, exhibition of marine, Asprey & Co,  504, 507VIII
Chronos  518VII
reviewed  614VII

The Clandon "Cockleshell", by T O Robinson,  385VII
Clark, Dr James, of Finmere, turret clocks by,  394, 400VIII
Clarke, Josiah, Newcastle under Lyme  203VII
Clement, Francis and William, letter by Brian Loomes  87, 88VII
Clement, Francis, London, longcase clock, walnut, inside rack strike  623, 625VIII
Clement, WilliamVII
  introduction of anchor escapement  147, 149VIII
  longcase clock  148VII
Clement, William, London, marquetry longcase clock,  272VII
Clifton, Liverpool, longcase clock,  619VII
Cloche work  426, 427VIII
ClockVII
  "cooking pot", by Cole, Thomas  628VII
  beam engine, Flower, Frank, stolen  227VII
  French styles of  402VII
  Italian, Gothic, stolen  632, 633VIII
  musical, History and development of lecture by Arthur W J G Ord-Hume  74, 75VII
  Markwick, Markham & Perigal, mantel  550VII
  The St Alban's  576, 584VIII
Clock Calendar, 1980, by Paul Lavoie, reviewed,  495VII
Clock Illustrations in the Sir Thomas More Exhibition, by Dr F A B Ward,  386, 388VIII
Clock parts, supply by Stubs,  202VII
Clock towers and dials, lecture by C A Hartridge  299VII
ClockwatchVII
  Buz, Johannes, of Augsburg  61, 62VII
  Chamberlin, T, of Chelmsford  61, 63VII
  East, Edward, London  83VII
  Hagen, Johan Georg, Neus  83VII
  Reith, James, Versailles  68, 69VII
Clock, anaphoric  411VII
Clock, Atlas figure, Dutch striking, Pierre Paulus, Amsterdam,  20VII
Clock, first pendulum with striking work, Coster, Salomon, The Hague 1657,  124VII
Clock, frame design of  316VII
Clock, French, velvet backed dial, two week,  546VII
Clock, mystery, Augsburg,  36, 38VII
Clock, tavern, Calver, James, Diss,  21VII
Clock, Turkish market, musical mantel, by Markwick, Markham & Perigal,  550VII
Clockmaking, provincial  184, 205VIII
Clocks for collectors, lecture by J B Polding  221VII
Clocks of the Middle Ages, letter by E J T,  523VII
Clocks, British, 1700-1900, a review, by A A Treherne 184, 205

Clocktower Millenary Reflections, by John H Combridge, 604, 608

Clockwork globe 411, 412

Clockwork, evolution of the form of, letter by J G T O 319, 320

Closon, Peter, balance wheel lantern clock, 247

Cloves, London, bracket clock, 309

Clutton, Cecil

- description of Webster, Baillie, and Ilbert 610, 612
- The pocket watch 1750 to 1850, a review 206, 221
- review 610, 612
- Why Barrow? 480, 482

Coach watch

- Derchinger, Joseph / Markwick Markham Perigal 83
- East, Edward 73
- Lamanda, Nicola, Neapoli, four train grande sonnerie repeating alarm calendar 475

Le Roy, Julien, Paris, quarter repeat and alarm 243

Lemaindre, Nicholas, of Blois 74

Prior, George, Turkish market 72

Coates, John, London, longcase clock, green lacquer, 618

Cockey, Edward, astronomical longcase timepiece, 428

Cockey, Edward, Warminster

- ebony repeating bracket clock 337
- longcase clock, mahogany, moon in arch 618

"Cockleshell", Clandon Park, by T O Robinson, 385

"Cockleshell" clocks 168, 169

- visit 76

Cole, James Ferguson 219, 221

Cole, James, Nether Stowey 196

Cole, Thomas, "cooking pot" clock, 628

Collection see also museum

- Adler Planetarium 300, 301
- Benkendorf, Lee 302, 304
- Dunn, George, sale of 424, 425
- Salomons, Sir David 433
- Schloss, Nathaniel Barrow watch 480
- Shepro, Justice 301
- Wheeler, William H 480

Collection, prospectus for recording 88

Collier of Gatley, re use of engraved brass in clock by, letter by D Quine, 30

Combridge, John H, Clocktower Millenary Reflections, 604, 608

Compass, Dollond, London, 10

Compendium, astronomical, dated 1596, 569

Compensationspiral curb

- Mudge 206
- Perigal, Francis 211, 212

Compensation, pendulum

- Ellicott's, in wall regulator by Detouche 566
- zinc and steel 255
- Boehme, wall regulator 14
- Dent, wall regulator No 52882

Comrie, Dr L J 392

Comtoise clock 308

- letter by R C W 640

Condilff, James, Liverpool, skeleton clock, chiming, 1860, 539

Congreve clock, reproduction, 309

Constantin, Geneva, watch, 68

Conversion
Cumulative Index for Antiquarian Horology Volumes 10 to 19

Conyers Dunlop, London, quarter chiming bracket clock, 553

Cooke, John, London, walnut marquetry longcase clock, 250

Cooper, Thomas, The Numbers Game, letter by E L H, 640

Corderoy, Philip, London, longcase clock, month marquetry, 474

The Cost of William Hardy's Regulator, by A J Turner, 615, 617

Coster, Salomon striking Haagse clock, in Horological Dialogues, reviewed 610

Coster, Salomon, The Hague, first pendulum clock with striking work, 1657, 124

Cotley, Abel, Crediton, lantern clock, balance, 474

Coulon and Amy Bry, Geneva, watch, 68

Craftsman in Leeds 1838, by D Barker, 407, 408

Crondall, turret clock, 515

Crow, Francis, Faversham, watch, verge pair case, 419

Crucifix clock, Steyr, 264

Crutch, single sided 79

Cumming, Alexander, letter (1812) re Hardy's regulator, 615, 617

Cummins, Thomas, watch, No 61/82, 83

Cummins, Thomas and Charles, lever watches, 218, 219

Cunningham, Dr William, of Norwich, The Cosmographicall Glasse, 1559, and finding the longitude, letter by D H 229

Cupola clock, Fromanteel, Ahasuerus, 154, 157

Cutbush of Maidstone 319

Cutbush, Charles, Stone Street, Maidstone, longcase clock, 419

Cutts Sutton & Son, London, telescope, 13

D

D H, A Parfait Clocke Artificially Made, letter, 229

D J F, Kent Clocks and Clockmakers, letter, 419, 420

D M S, Security, letter, 420, 421

D Q, letter, Ainsworth, G, Warrington, 426

D R, Ainsworth, George, of Warrington, movement maker, letter, 319

Danckwart, Adam, bell by, 587

Daniel, Christopher St J H, Sundials on walls, review by J R A, 82

Daniels, George, film about 74

Daser, J G, longcase regulator, 105

Davies, Alun C book review 495

The adoption of Standard Time and the evolution of synchronised time keeping 284, 289

Davies, Joseph, London, lantern clock, 618

Davies, T Alun, Help wanted re Samuel Roberts, 617

Davis, John, of Windsor, turret clock, 515

De Hyne, Peter 508

De Salle, Rouen, watch, "Barrow" regulator, 480, 482

De St Leu, Daniel, London, green lacquer musical bracket clock, 138

Debaufre, Peter and Jacob 401

Deck watch, Dent 8 day No 25149, 254

Delander, Daniel, London bracket clock, quarter repeating 346

Delalande, Daniel, London, ebony repeating and alarm bracket clock 278

watch, quarter repeater, early pulse piece 417

De launay, N, à Paris, longcase clock, 466, 467

Demire, Theodore, a Paris, Religieuse clock, 563

Denison, Sir Edmund Beckett see also Grimthorpe, Lord 513, 514

Dennison, Andrew Leslie, death of, 384
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Dent, E J, keyless lever watch No 1520, 220, 221
Dent, London
- carriage clock, chronometer, No 1567 463
- chronometer movement No 24947 428
- mantel clock, No 55115 551
Derchinger, Joseph / Markwick Markham Perigal, coach watch, 83
Derksen, Robert, The Antikythera Mechanism, lecture to American Section, 625, 628
Desbois, Daniel, marine chronometer, No 1632, 427
Detouche, C, of Paris, month wall regulator, 566
Dewe, John, Southwark, verge hooded alarm clock in lacquer case, 251
Dial
- 13 piece 402
- apparent solar time, Gould, George, South Molton 392
- Arabic numerals, early use 153
- armillary 163, 166
- centre seconds on back of watch 364, 365
- chapter rings, numbers on 153
- double 12, Budgen, Thomas, Croydon 362, 363
- enamel Turkish, regulator, Markwick Markham, Borell, London engraved, pierced by winding holes 319, 389
- equation, Dunant, William, London bracket clock 545
- japanned by W Francis, Birmingham 198, 201
- by Wilson, Birmingham 198, 199
- price list of Wilkes & Son 1820 199, 200
- minute hand rotating in 15 minutes 117, 146
- minute hand rotating in three hours 146, 147
- minute numbered 356
- French 546
- moon, early illustration 386, 387
- six hour, watch, Goode, Charles, stolen 84
- skeleton chapter ring 356
- sun and moon, watch by Buckingham, Joseph 83
- sunrise and sunset Budgen, Thomas, Croydon 362, 363
- Cockey, Edward 428
- tidal, Ferguson's, clock by Johnson, John 393
- turret 177, 299
- unusual engraved, by James Thristle, letter by A H S 634, 639
- Markwick, James, watch 64
- Tight, George, watch, No 129 427
- Wilson, Birmingham 419
Dial clock, Bentley and Beck, London, 322
Dick, James, Stirling, clock keeper, 586
Dickenson, W, London, watch, No 129, 427
Dickie, Alexander 599, 601, 602
Dickie, Andrew, Edinburgh
- musical bracket clock 596, 597, 599
- watch 69
- watch, cylinder 594, 595, 618
- watch, repeating verge 593, 594, 597
Dickie, Andrew, Stirling 586, 595
Dickie, William  599, 601, 602

Dimmer, Southsea, bracket clock,  309

Ditisheim, Paul, marine chronometer, No 2, early electric,  568

Ditisheim, Paul, Chaux de Fonds, watch, vernier seconds, No 14978,  619


Dodds, I , London, balloon clock, satinwood,  428

Dollond, telescope,  12

Dollond, London, compass,  10

Dondi, Giovanni de  411

Dorn, Hans, Vienna, instrument maker,  486

Douglass, James, Chertsey, oak longcase clock,  196

Downing, J , Newmarket, lantern clock,  619

Dragon, and eclipses in St Alban's clock,  576, 583

Draper, John, Maldon, tavern clock,  451

Du Chesne, Claude, longcase clock, marquetry, stolen,  84

Du Moulin, Montreal, bracket clock,  618

Dudley Watch Company  393

Duff, Daniel, Paisley, wall regulator,  322

Dufosse, Pierre, Antoine, bracket clock in Vernis Martin case  625, 626

Dumfries, Earl of, turret clock for,  598

Dunant, William, London  661

bracket clock with remontoire, roller suspension, equation of time  661

bracket clock, ebonised, remontoire calendar  545

Dunkirk, Chronometer Depot, letter by W J I ,  614

Dunn, George, collection,  424, 425

Dutch Pendulum Clocks, Spring driven, 1657-1710, Plomp, Dr R , reviewed,  584, 585

Dutton, watchman's clock,  501

Dutton, Matthew and Thomas, longcase clock,  132

East, Edward, and Fromanteel see Fromanteel, Ahasuerus

Early pendulum clocks, by Ronald A Lee  146, 160

An early pocket sundial illustrated in art, by Dr F A B Ward,  484, 487

Earnshaw, Thomas  428

chronometer, marine, No 376  83

chronometer, marine, No 4951  83

chronometer, pocket, No 2810  241

watch No 4775  427

watch, No 4585  618

watch, No 4884  83

Earth battery, lecture by G Goodship  223

East, Edward, and Fromanteel see Fromanteel, Ahasuerus

East, Edward, London  83

clock watch  73

coach watch  555

table clock  253, 303, 305

table clock, gilt brass  560

walnut longcase clock  62, 63, 64

Eberhardt, Johann Ludwig  413

Ebsworth, John, London  83

Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

lantern clock, winged  449, 474\VII
Eclipse, shown by St Alban's clock,  576, 583\VII
Editorial, by Dr J M Plowman  27\VII
Antiquarian Horology and the proceedings of the Antiquarian Horological Society  160, 161\VII
Books  479\VII
The First Clock  370\VII
Groups and Sections  406\VII
Jubilee  143\VII
Our Sister Societies Overseas  408\VII
Prices  279\VII
letter by J G T O  424\VII
Editors of Antiquarian Horology  161\VII
Edwardes, Ernest L, The Story of the Pendulum Clock, reviewed  517, 519\VII
Edwin, Jno, bracket clock, ebonised, stolen,  415\VII
Eight day lever clock, Elliott, stolen,  227\VII
Electric clock\VII
Bull, Fredk, mantel regulator  15\VII
Scott  393\VII
Scott, Herbert, based on by C Walton  621\VII
Shepherd, Charles  307, 309\VII
Electric marine chronometer, Ditisheim, Paul, No 2,  568\VII
Electrical Horology Group\VII
AGM  307\VII
meeting report  222, 223\VII
The effect of the moon on pendulum clocks, lecture by Michael Maltin  405, 406\VII
Electricity generation, synchronised  288\VII
Ellicott\VII
musical bracket clock  17\VII
musical bracket clock movement  91\VII
watch, No 3719  70\VII
watch, No 6154  71\VII
watch, No 7945  69, 70\VII
Ellicott & Taylor, Royal Exchange, bracket clock, lancet case,  619\VII
Ellicott, John, chiming walnut longcase clock,  131\VII
Ellicott, John, London\VII
bracket clock, mahogany, stolen  310\VII
bracket clock, stolen  519\VII
bracket clock, walnut, stolen  415\VII
ebonised bracket timepiece  266, 267\VII
longcase clock, month walnut  440\VII
longcase clock, walnut  534\VII
longcase clock, walnut quarter\VII
strike and repeat  455\VII
mahogany repeating bracket clock  261\VII
repeating work  603\VII
Ellicott's compensation, wall clock with,  566\VII
Elliott, 8 day lever clock, stolen,  227\VII
Elliott & Bros , London, sundial, universal equatorial,  10\VII
Elliott, Douglas, Shropshire Clock and Watchmakers, reviewed,  495\VII
Elliott, F W , chiming bracket clock after Daniel Quare,  141\VII
Elliott, John, London, repeating mahogany bracket clock, stolen,  227\VII
Elphinston, Wm , London, longcase clock, marquetry,  653\VII
Elsom, Cecil, Eight day Emery regulator, letter,  89\VII
Emery, Josiah\VII
leather watch of 1785  210, 213\VII
regulator, letter by Cecil Elsom  89\VII
Engine time clock\VII
Harlow, Benjamin, Lane End  193, 194
Whitehurst  194

Equation clock, Le Roy, Julien, longcase,  303
Equation dial

Dunant, William, London, remontoire bracket clock  545
Tripp, Westminster, longcase clock  619

Equation of time, in St Alban’s clock,  582
Equator

Equinoctial, pocket universal sundial,  484, 487

Escapement

anchor, Clement and introduction of  147, 149
anchor, early  151, 302
Panier à Paris  469
constant force  304, 307
French table regulator  133
constant force and remontoire  46, 60

Knibb, Joseph  148, 150

movement laid out for  302

dead beat quartz pallets  478

Tompion, Thomas  152

Desfontaines, Le Roy et Fils, perpetual calendar mantel clock  445

duplex

watch movement, Grant, Fleet Street  427

watch, Hancock, London  427

Earnshaw’s pivoted detent, Breguet No 4208  548

gravity  47, 48, 513, 514

The Fly in the Grimthorpe , lecture by H Wallman  629, 631

Gowland’s  631

single acting  406

single acting, Clark’s, in regulator by Sikes  567

unusual, Clark, Dr James  395, 400

hammer and nail  49, 305

Leonardo da Vinci  372, 374

lever

Emery, Josiah, of 1785  210, 213
introduction of  207, 208

Leroux, use of draw, 1785  210

lever, club tooth, early form of  426

Peto’s cross detent, chronometer by Best  83

Randall, Theurillat  51, 60

remontoire  49, 60, 306, 307

Richard of Wallingford’s "strob"  372, 378

Savage two pin

Molyneux & Sons, watch, No 1348  320

Nicoll, W, Jnr, London, No 1049  427

spring pallet  47, 48

The St Alban’s  549

strob, Richard of Wallingford’s  372, 378

Sully’s, Verlinden, Jne, à Gand, watch tic tac  441

 turret clock  512, 514

two plane virgule

Anschultz in Torgau  364, 365

double and single  410

Winnerl, carriage clock by Robin  428
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Ester, Henry, Geneva, form watches, 66
Evans, David, Liverpool watchmakers, letter, 509
Evans, William, longcase clock movement, 633
Everel, John, London, longcase clock, marquetry, 447
Exeter, Marquess of, exhibition of clocks, 392
Exeter, Time in, Ponsford, C N , reviewed, 585
Exhibition

225 Years of Timepieces: a Lancaster County Legacy, NAWCC 393
AHS 25th anniversary at Osterley House 494
Jubilee, arrangements for 160
of marine chronometers, Asprey & Co 504, 507

F
Facio, Nicolas 401
Farmer, Thomas, marquetry longcase clock, 101
Farnham, turret clock, 515
Favre, Henry, London, watch No 37, 115
Fedchenko, F M 406
Fell, Peter, book review, 585
Ferguson, James The Mechanical Paradox 23
Fidration, report 518
Figure clock 369
Film
Daniels, George 74
Within these four walls, D W Waters and H Quill 74
The First Clock, Editorial, by Dr J M Plowman, 370
Fisher, E., Bath, longcase regulator, 618
Flaggate, John, London, bracket clock, 619
Flamsteed, 1675 letter re balance spring, 480
Flower, Frank, beam engine clock, stolen, 227
The Fly in the Grimthorpe Gravity Escapement, lecture by Henry Wallman, 629, 631
Foden, Thomas, Congleton, oak longcase clock 197, 198
Foode, John, Oxon, longcase clock, 618
For your further reading 45, 406
Alte Uhren 415
Chronos 413, 414, 415
Form watch
Belleville, shape of mandolin, 68
Ester, Henry, Geneva 66
Foster, J., London, longcase clock, marquetry, 309
Fox, A J, Bulle clock suspension repair, 621
Francis, W., Birmingham, dials by 199, 201
Frazor, John, Worcester, longcase clock, walnut, 541
Freunde Alter Uhren 86, 408
report 518
Freunde Alter Uhren, Schriften der, Vol 18, by Georg Schindler (Ed ), reviewed, 503
Friesland clock 309, 618
Frisius, Gemma 411
Frodsham assistance wanted, by Dr Vaudrey Mercer 321
chronometer, No 4006, stolen 415
watch, tourbillon 446
Frodsham, Charles carriage clock, grande sonnerie tourbillon 618
carriage clock, No 2358 137
chronometer No 3311 507
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

walnut longcase regulator 428\textsuperscript{VII}
watch, No 07820 also 10124, letter by B C 638\textsuperscript{VII}
watch, number 02631 59\textsuperscript{VII}
Frodsham, London, chronometer, marine, No 2364, 618\textsuperscript{VII}
Fromanteel, Ahasuerus \textsuperscript{VII}
cupola clock 154, 157\textsuperscript{VII}
longcase clock, minute hand rotating in 15 minutes 117, 146\textsuperscript{VII}
longcase with early anchor escapement 117, 150, 151\textsuperscript{VII}
Fromanteel, Ahasuerus & East, Edward, table clock, minute hand revolves in three hours, 146, 147\textsuperscript{VII}
Fromanteel, Johannes, London, keywound thirty hour longcase clock, 30\textsuperscript{VII}
Froyle, turret clock, 515\textsuperscript{VII}
Funnell, Edward, Brighton, carriage clock, English quarter striking, 437\textsuperscript{VII}
Furze, Henry, London, letter by A G F , 316\textsuperscript{VII}
Fusée, in war catapult, 1405, by Kyeser, 410\textsuperscript{VII}
Fusée renversée, Anschütz in Torgau, watch, 364, 365\textsuperscript{VII}

G
G K , Tompion keywound thirty-hour, letter, 319\textsuperscript{VII}
Galileo 585\textsuperscript{VII}
Gandy, Cockermouth, longcase clock, astronomical red walnut, 547\textsuperscript{VII}
Garnier, Paul, industrial timer and clock, 428\textsuperscript{VII}
Garniture, French trio, stolen, 632\textsuperscript{VII}
Garon, Peter, London, repeating marquetry bracket clock, 258, 259\textsuperscript{VII}
Geared to the Stars; the Evolution of Planetariums, Orreries, and Astronomical Clocks, King, Henry C , and Millburn, J R , reviewed 411, 412\textsuperscript{VII}
Gearing\textsuperscript{VII}
differential, in Antikythera 627, 628\textsuperscript{VII}
epicyclic 372\textsuperscript{VII}
early, lecture by John Leopold 628\textsuperscript{VII}
in St Alban's clock 579, 584\textsuperscript{VII}
Graham, George, sidereal 390, 392\textsuperscript{VII}
helical, McDowall, Leeds, No 34b 276, 309\textsuperscript{VII}
keywound thirty-hour train 129\textsuperscript{VII}
oval, in St Alban's clock 579, 583\textsuperscript{VII}
Richard of Wallingford's clock 165, 372, 384\textsuperscript{VII}
sidereal time\textsuperscript{VII}
Graham, George 390, 392\textsuperscript{VII}
Margetts 392\textsuperscript{VII}
Olsen, Jens 392\textsuperscript{VII}
Schwilgue, Jean \textsuperscript{VII}
Baptiste 392\textsuperscript{VII}
York Minster 392\textsuperscript{VII}
spiral, in St Alban's clock 580, 581\textsuperscript{VII}
triangular tooth 384\textsuperscript{VII}
watch, Kidson, William, York, c 1600 422, 424\textsuperscript{VII}
Geilsheiln, Smod, watch, straight line hog's bristle, 480\textsuperscript{VII}
Gerard, Ja, de Cokermoth, , brass dialled longcase clock, 322\textsuperscript{VII}
Gibbs, Sharon L , Greek and Roman Sundials (reviewed), 483\textsuperscript{VII}
Gillett and Bland, Woodchester, 406\textsuperscript{VII}
Gilmore family, clock makers of Battle 39, 40\textsuperscript{VII}
Gimblet Jno & Vale, Birmingham, watch, No 2222, stolen, 519\textsuperscript{VII}
Girard, London, watch, Chinese duplex, 619\textsuperscript{VII}
Gladish, W , of Yalding, wall clock with passing strike and strike/silent, 566\textsuperscript{VII}
Glashütte Technical School 406\textsuperscript{VII}
Gnomon, oldest preserved in central Europe, 428\textsuperscript{VII}
Goliath watch 309\textsuperscript{VII}
Goode, Charles, London \textsuperscript{VII}
bracket clock 515, 516\textsuperscript{VII}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

watch, six hour dial, stolen 84
Goodhall, Wm, of London, watch, No 164, stolen 519
Goodhugh, Regent Street, London, tortoiseshell mantel clock (T & R 7750) 650
Goodship, G, Earth battery, lecture 223
Goodyer, James, Guildford, thirty hour longcase movement 228
Gottorp Castle 412
Goubert, Jacobus, of London, quarter repeating bracket clock, 554
Gould, Christopher, London bracket clock, ebony 353
longcase clock, marquetry 354, 355
Gould, George, South Molton, astronomical longcase, 392
Goullons, of Paris, watch, 65, 66
Gowland, escapement, 631
Graaf, Urs, drawing of early pocket sundial, 484, 487
Graham, George, London bracket clock, No 660 618
longcase clock, No 682 309
Grande sonnerie
Lamanda, Nicola, Neapoli, four train coach watch 475
Norton, Eardley, London, gilt metal musical bracket clock 360, 361
Payne & Co, carriage clock alarm 428
Vienna regulator, two month duration 663
Grant, David, and family, of Battle 45
Grant, Fleet Street, watch, duplex movement, No 7376, 427
Gray, N letter from G A 313
letter from J M 320
Greaves, John, Newcastle, longcase clock, japanned 428
Greban, Alphonse, Paris, table clock, late C16, 351
Green, Arthur Robert, Sundials: Incised Dials or Mass Clocks, reviewed 585
Green, John, Salop, month going longcase clock, 190
Green, William, Milton (Oxon), longcase clock, 426
Green, William, of Milton (Cumbria), longcase clock, posted frame, 316
Greenhill family, Kent 319
Greenhill, Richard, Ashford, longcase clock, walnut (ex Prestige), 419
Greenmantle, letter by D Quine (re use of engraved brass) 88
Greenwich Observatory, cost of Hardy regulator for, article by A J Turner, 615, 617
Greenwich time 284, 288
Greenwich, Old Royal Observatory
Spencer Jones Gallery 77
visit 77, 78
Gregory, Jeremie, bracket clock, in style of Henry Jones, 157, 159
Grendon, Henry, of London, watch, 62, 64
Gretton, Charles, London, longcase clock, month marquetry, 465
Greyhurst, Strand, London, bracket clock, stolen, 85
Gribelin, Nicholas, Paris, Religieuse clock 623, 625, 626
Grice, W Hawkes, London, barometer, 123
Griffith, M W, London, bracket clock,
Grignon A Paris, watch, No 1090, 83
Grimalde & Johnson, mantel clock, 551
Grinthorpe, Lord see also Denison, Sir Edmund Beckett 172, 394
The Fly in the Grinthorpe Gravity Escapement, lecture by H Wallman 629, 631
Grosvenor House antiques fair 507
Groups and Sections, editorial, by Dr J M Plowman, 406
Guye, P & A, London, carriage timepiece, reverse fusee, 655
H
H B , staartklok striking mechanism, letter, 317, 318
H C N
H B , staartklok striking mechanism, letter, 634
request re Saffron Walden clockmakers, letter 634
H G (Hans Gruber?), watch, 61
H H C , Vienna regulator (letter), 521
Haagse clock
by C Pascal, The Hague 562
Hagen, Johan Georg, Neus, clock watch, 83
Hahnloser, Prof Hans R , Honnecourt, Villard de, sketch by, 606, 607
Haïsermann, David, Augsburg, automaton elephant clock, 113
Haley, bracket clock, stolen, 519
Hamilton Watch Company
chronometer, marine 618
Hammond family, clock makers of Battle 40
Hamptshire, turret clocks in North, visit, 514, 515
Hanbury, John, West Haddon, Temple Balsall clock, 80
Hancock, London, watch, duplex quarter repeat, No 14480, 427
Hannah, J , reports 401, 402, 512
Hardingham, A J , time locks, letter, 87
Hardy, Birmingham, longcase clock manufacturer, letter, 521
Hardy, William, cost of regulator for Greenwich, article by A J Turner, 615, 617
Hare, Alexander, watch, No 1654, 522
Hare, London, bracket clock, 658
Harlow, Benjamin, Lane End, engine time clock, 193, 194
Harlow, Robert and Son, Stockport 483
Harlow, Samuel Boulton, The Clock Maker's Guide, (compiled by Charles Aked, reviewed), 483
Harlow, Samuel, Ashbourne 202
Harper, T , London, watch, 309
Harris, Stephen, Tunbridge
wall clock, hooded 419
Harrison, James, turret clock, Brocklesby Park, 77
Harrison, James (the fourth) turret clocks 77, 172, 174
Harrison, John 206
by W Andrewes, in Horological Dialogues, reviewed 609
Harrison’s timekeepers, lecture by W P Roseman, 74
Hartley, J
The thirty hour keywound longcase clock 30, 35, 38
author's reply 389
letter by G K 319
Hartridge, C A , Clock towers and dials, lecture, 299
Haug, Samuel, Augsburg, quarter striking table clock c 1620, 263
Haycock's of Ashbourne, visit, 75, 76
Hayward, J F 74
Hemmings, Edward, Aynho turret clock, 170
Hemmings, Edward, Bicester, wall clock, 449
Hemony, Petrus, bell by, 587
Hendrie, James
letter by J B P 313
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Newmunkland, longcase clock, letter by Paul Lavoie 89, 90
Henlein, Peter 180, 410
Herman the Cripple 411
Heywood, Samuel, Northwich, Cheshire, mahogany longcase clock, 194, 195, 196
Hezekiah, The "King Hezekiah" water clock 488, 494, 608
Hill, Benjamin, of London, watch, 62, 63
Hills, London, tavern clock, mahogany, 309
Hindley, Henry, York, turret clocks 77, 171, 175
Hindley, York, bracket clock, stolen, 103, 226
Hine, Thomas, Watlington, oak longcase, 228
Hoff, George, the elder, bracket clock, quarter striking, 393
Holbein, Hans
  drawing of early pocket sundial 484
  painting showing clock 386, 388
Holland, Robert, of London, bracket clock, mahogany with rise and fall, 573
Holly, J, London, bracket clock, 619
Honig, Peter S, Construction of an Astrolabe, in Horological Dialogues, reviewed, 610
Honnecourt, Villard de, clock case sketch, 606
Hood, James, hands by, 118, 119
Hope Jones, Frank
Hopkins, Edward, Bradford, longcase clock, letter by Matthews, M C, 87
Hoquet, of Paris, repeating watch, 512
Horlogerie Ancienne, reviewed, 612, 614
Horological Dialogues, reviewed, 609, 610
Horological nomenclature, Dutch, proposal for, 413
Horologium 517
Horolovar 400 Day Clock Repair Guide, The, reviewed, Terwilliger, C, 518
Houlgatt, W, of Ipswich, watch, 61, 62
Hour systems, mediaeval 491, 492
Howells and Pennington, first marine chronometer, 414
Howgrave Graham, R P 178
Howse, Lt, Cdr H D, Railway time and all that, lecture, 307, 309
Hubert, Francois, Rouen, watch, 83
Hughes, W, London, bracket clock, 619
Hughes, William, of London, longcase clock, letter by E H G, 524
Hukin, G H, Tenterden, watch, stolen, 519
Huron, Jacques, of Paris, watch, 65
Hurst, M G, review, 609, 610
Hutchinson, B, Turret Clock Escapements, lecture, 512, 514
Huysghens, Christiaan 414, 584
  pirotette and spring 480

I
Ilbert, Courtenay A, described in review by C Clutton, 611, 612
Illinois Watch Co, watch, No 4227169, 618
Illustration of clock, early 386, 388
Inskip, Thomas, Shefford, mahogany longcase regulator, 18
International Time Recorder Co Ltd 517
Irons, Richard, London, longcase clock, 109
Italian clock early iron, stolen 632, 633

J
J A H, reports, 304, 307
J B, watch with Roman and Turkish numerals on two dials, letter, 319
J B P, Prices of articles in past, letter, 521
J E, letter re Edward Banger, 424, 425
J G T O
  clockwork, evolution of the form of, letter 319, 320
  letter re prices 424
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

J H , reports, 221, 222
J T H , Watton, Stone clock, letter, 230
Jacks alternate striking
   carousel, Chinese and European 604, 607
Jacks and automata 168
Jacot, Henri, St Nicolas d’Aliermont, carriage clock, stolen, 310
Jagger, Cedric, The World's Great Clocks And Watches reviewed, 224, 225
Japanese clocks
   gilt drum table, verge 619
   lantern 619
   pillar 619
Japanned dial clocks 198, 201
Jardine, John, Chiswick, 8 bell chiming bracket clock, stolen, 226
Jeffreys, John 206
Jewelling, views on in 1812, 615, 617
Jewels and Jewelling, Bruton, Eric, lecture 401
Johanssen, chronometer, 465
John Brockbank, the Troughtons, and the Barwises, letter by Dr J B Penfold 316
Johnson, John, London, astronomical table clock c 1790, 392
Johnson, London, longcase regulator, 427
Johnson, M , London, watch, 309
Johnson, Thomas, Richmond, watch, 70
Jolly, I , Paris, oignon watch, 309
Jones, Henry 414
Jones, James, London, bracket clock, walnut, stolen, 311
Jones, R , Liverpool, watch, minute repeating free sprung lever, 427
Jubilee Exhibition, arrangements for 160
Jubilee, editorial, by Dr J M Plowman 143
Jump, Mount Street, bracket clock, stolen, 85
Jürgensen family 45
K
K S , William Kidson Atte York, letter, 422, 424
Kellie, John, Liverpool, watch movement 88/86619, letter, 634
Kelvin, Bottomley and Baird, chronometer, marine, No 9030, 618
Kemp, Henry, of Battle 44
Kempshot House, turret clock, 515
Kendall, James Francis, A History of Watches and other Timekeepers (1892), review by J B 78
Kenney, George C
   "Daniel Quare's Keyhole Clocks", paper collection 404, 405
   Daniel Quare Keyhole Clocks, in Horological Dialogues, reviewed 253, 300, 306, 403, 405
   requests information about Quare 321
Kendall, James Francis, A History of Watches and other Timekeepers (1892), review by J B 78
Kent, Chislet and Westbere (Villages of Stour Lathe), reviewed, 608
Kent clocks and clockmakers
   C P , letter 418
   D J F , letter 419
   M J P , letter 319
   N T , letter 419
Kepler 412
Ker, Duncan, Stirling Tolbooth clock, 588, 589
Kidson, William, York, alarm watch c 1600, 422, 424
Kilburn, Richard, Liverpool, watch, letter by Lloyd Brown, 89
King, Henry C , and Millburn, J R , Geared to the Stars; the Evolution of Planetariums, Orreries, and Astronomical Clocks, reviewed, 411, 412
King, Henry, Lincoln’s Inn, watch, 69
King, Richard, Ratcliff Highway, longcase clock, mahogany, 427
Kintzing, Christian, Neuwied, Dierdorf turret clock, 290, 292
Kirkstall Abbey Museum, visit, 75
Knibb, William, York see Kidson
Knibb, John, tic tac escapement, 151, 152
Knibb, John, Oxford
ebony bracket clock 29
lantern clock, verge 474
Knibb, Joseph
bracket clock signed Thomas Taylor 157, 158
bracket clock, turntable base 155
crossbeat escapement 148, 150
olive wood bracket clock 26
Knibb, Joseph, London
bracket clock, ebony quarter striking 356
bracket clock, quarter repeating walnut 619
lantern clock 618
longcase clock, month walnut 454
longcase clock, stolen 519
longcase clock, walnut 477
Knifton, Thomas, lantern clock, balance, 474
Knight, John, Coggeshall, watch, No 14836, 619
Knottesforde, William, longcase clock, parquetry, 303, 304
Kullberg, London, chronometer, marine, No 9621, 618
Kullberg, Victor, 56 hour marine chronometer No 6105, 239
Kunstmuseum, Basle, drawing showing clock, 386
Kyeser, fusee in war catapult, 1405, 410
L
L E C , Francis Abbott, letter, 417, 419
Lamanda, Nicola, Neapoli, coach watch, four train grande sonnerie repeating alarm calendar, 475
Lancashire, watch making in 218, 219
Lancaster County, PA, timepieces, exhibition 393
Lange and Sohn, tourbillons, 406
Lantern clock
Bibbie, Chewstoke, with calendar 653
Carswell, Joseph, Hastings, in longcase 618
Closen, Peter, balance wheel 247
Cotey, Abel, Crediton, balance 474
Davies, Joseph, London 618
Downing, J, Newmarket 619
Ebsworth, John, London, winged 449, 474
Knibb, John, Oxford, verge 474
Knibb, Joseph, London 618
Knifton, Thomas, balance 474
Snow, John, dated 1639 653
stolen 632, 633
Wheeler, Thos 427
White, T, tic tac 619
winged, unsigned 404
Lavoie, Paul, Clock Calendar, 1980, reviewed 495
Le Count, Daniel, London, watch, "Barrow" regulator, 480
Le Roy, ormolu striking clock, 657
Le Roy et Fils
 carriage clock, No 3307 343
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Le Roy et Fils, Paris, watch, quarter repeating cylinder, No 11050, 619

Le Roy, Julien

dumb repeater, not inventor of 417

descript, equation of time 303

Le Roy, Julien, Paris

quarter repeat and alarm coach watch 243

Le Roy, Pierre, "La Petite Ronde", 410

Lee, Charles B, review 517, 519

Lee, Det Sgt T

Security for the antique collector, lecture 299

Theft of Antique Clocks 28, 29

Lee, Ronald A

Early pendulum clocks 146, 160

letter by M F Ball 320

Leeson, William, turret clocks, 79, 81

Lego à l'Orient, chronometer, 306

Lemaître, Nicholas, of Blois, coach watch, 74

Lemmon, Obadiah Orange, of Battle 43

Leonardo da Vinci 409, 410

Leopold, John, Early epicyclic gearing, lecture, 628

Lepaute, regulator by, 221

Lepine, calibre, 210, 214, 215, 219

Maltin, Michael, The effect of the moon on pendulum clocks 405, 406

Medlam, Miss, Bowes Museum 401, 402


Ord-Hume, Arthur W J G, Musical clocks 74, 75

Pawley, David, Building a Time code receiver 222

Polding, J B, Rooms for collectors 221

Randall, A G, Constant Force Escapements 304, 307

Randall, Anthony G, Constant Force Escapements 304, 307

Rimler, Elaine, Effect of American Clock on British Clock Industry 301

Roberts, Ken, Tools for the Trades and Crafts 307

Robinson, T, Turret Clocks 511, 512

Robinson, T O, Some Turret Clocks from Yugoslavia and France 402, 403

Roseman, W P, on Harrison's timekeepers 74

Turner, Anthony J, Astrolabes 401

Wallman, Henry, The Fly in the Grimthorpe Gravity Escapement 629, 631

Watson, E, Richard of Wallingford clock 621, 622, 622

Webster, R G, Astrolabes 301

Lee, Charles B, review 517, 519

Lee, Ronald A

Early pendulum clocks 146, 160

letter by M F Ball 320

Leeson, William, turret clocks, 79, 81

Lego à l'Orient, chronometer, 306

Lemaître, Nicholas, of Blois, coach watch, 74

Lemmon, Obadiah Orange, of Battle 43

Leonardo da Vinci 409, 410

Leopold, John, Early epicyclic gearing, lecture, 628

Lepaute, regulator by, 221

Lepine, calibre, 210, 214, 215, 219
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Leroux, use of draw by, 210

Leroy, of Paris, skull watch, 512

Liechti, clock similar to, 386

Lieutand, Balthazar, Vernis Martin case by 625, 626

Lister & Sons, Newcastle, mantel clock, 551

Liverpool watchmakers

  letter by David Evans 509
  letter by R W H 634

Lloyd, Philip, Bristol, longcase clock, 24 hour dial, calendar, moon, automata 619, 620

Local time, proposal for showing, 284, 285

Lockey, Rowland 386, 388

Locks, time, letter by A J Hardingham 87

London, Museum of, Visit by Northern Section, 622

Long duration, month

  Baker, Richard, London, month marquetry longcase 245
  Corderoy, Philip, London, marquetry longcase 474
  Detouche, C., of Paris, wall regulator 566
  Ellicott, John, London, walnut longcase 440
  Green, John, Salop, longcase 190
  Grettan, Charles, London, marquetry longcase 465
  Knibb, Joseph, London, walnut longcase 454
  Quare, Daniel, London, marquetry, quarter repeat 619
  Quare, Daniel, longcase, No 109 301
  Victorian musical rosewood longcase 427

Long duration, two month, Vienna regulator, grande sonnerie, 663

Long duration, year, Dent, wall regulator, No 52882, 255

Longcase clock

  chiming mahogany 269
  early anchor drilled for cross-beat 302
  early, with Arabic numerals 153
  Edwardian 618

  keywound thirty-hour Beech, John, Newcastle under Lyme 188, 189
  Fromanteel, Johannes, London 30
  Norcott, John, London 30
  Pare, Thomas, London, movement 128, 129
  Tompion, Thomas 1, 32, 35, 319, 389
  Tompion, Thomas, letter by G K 319
  keywound thirty-hour, by J Hartley 30, 35, 38
  author's reply 389
  letter by G K 319
  mahogany 428
  marquetry 438, 449
  month Victorian musical rosewood 427
  musical 512
  mahogany, by Robert Philp, London 559
  rosewood month Victorian 427
  quarter strike and repeat, Ellicott 455

  The thirty-hour keywound see longcase clock, keywound

Longcase clock by

  Aldworth, Samuel, Strand, London, letter by R N B 636, 637
  Alker, A., Wigan 228
  anonymous, architectural ebonised 247
  Baddeley, John, of Albrighton, letter by M P I 524
  Baker, Richard, London, month marquetry 245
  Barber of Winsten 512
  Barrett, Daniel, Chatham 419

  Beech, John, Newcastle under Lyme, keywound thirty-hour 188, 189
<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Year/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biddle, George</td>
<td>Birmingham</td>
<td>201VII</td>
</tr>
<tr>
<td>Bilbie, Edward</td>
<td>Birmingham</td>
<td>619VII</td>
</tr>
<tr>
<td>Billop, William</td>
<td>London, walnut</td>
<td>339VII</td>
</tr>
<tr>
<td>Broadhurst, Wal</td>
<td>Litchfield</td>
<td>120VII</td>
</tr>
<tr>
<td>Bullock, Richard</td>
<td>Ellesmere, Shropshire, thirty-hour</td>
<td>187, 188VII</td>
</tr>
<tr>
<td>Burgis, E</td>
<td>London, parquetry</td>
<td>309VII</td>
</tr>
<tr>
<td>Burnell, William</td>
<td>Ashton Keynes, oak, dated 1834</td>
<td>228VII</td>
</tr>
<tr>
<td>Carrington, London</td>
<td>quarter striking movement, stolen</td>
<td>415VII</td>
</tr>
<tr>
<td>Carter, Walthamstow</td>
<td>walnut</td>
<td>538VII</td>
</tr>
<tr>
<td>Clement, Fra(ncis)</td>
<td>London, walnut, inside rack strike</td>
<td>623, 625VII</td>
</tr>
<tr>
<td>Clement, William</td>
<td></td>
<td>148VII</td>
</tr>
<tr>
<td>Clement, William</td>
<td>London, marquetry</td>
<td>272VII</td>
</tr>
<tr>
<td>Clifton, Liverpool</td>
<td></td>
<td>619VII</td>
</tr>
<tr>
<td>Coates, John</td>
<td>London, green lacquer</td>
<td>618VII</td>
</tr>
<tr>
<td>Cockey, Edward</td>
<td>astronomical</td>
<td>428VII</td>
</tr>
<tr>
<td>Cockey, Edward</td>
<td>Warminster, mahogany, moon in arch</td>
<td>618VII</td>
</tr>
<tr>
<td>Cooke, John</td>
<td>London, walnut marquetry</td>
<td>250VII</td>
</tr>
<tr>
<td>Corderoy, Philip</td>
<td>London, month marquetry</td>
<td>474VII</td>
</tr>
<tr>
<td>Cutbush, Charles</td>
<td>Stone Street, Maidstone</td>
<td>419VII</td>
</tr>
<tr>
<td>Daser, J G</td>
<td>regulator</td>
<td>105VII</td>
</tr>
<tr>
<td>Douglass, James</td>
<td>Chertsey</td>
<td>196VII</td>
</tr>
<tr>
<td>du Chesne, Claude</td>
<td>marquetry, stolen</td>
<td>84VII</td>
</tr>
<tr>
<td>Dutton, Matthew and</td>
<td></td>
<td>132VII</td>
</tr>
<tr>
<td>East, Edward</td>
<td>London, walnut</td>
<td>560VII</td>
</tr>
<tr>
<td>Ellicott, Wm</td>
<td>London, marquetry</td>
<td>653VII</td>
</tr>
<tr>
<td>Everel, John</td>
<td>London, marquetry</td>
<td>447VII</td>
</tr>
<tr>
<td>Farmer, Thomas</td>
<td>marquetry</td>
<td>91VII</td>
</tr>
<tr>
<td>Foden, Thomas</td>
<td>Congleton</td>
<td>197, 198VII</td>
</tr>
<tr>
<td>Foorde, John</td>
<td>Oxon</td>
<td>618VII</td>
</tr>
<tr>
<td>Foster, J</td>
<td>London, marquetry</td>
<td>309VII</td>
</tr>
<tr>
<td>Frazor, John</td>
<td>Worcester, walnut</td>
<td>541VII</td>
</tr>
<tr>
<td>Frodsham, Charles</td>
<td>walnut regulator</td>
<td>428VII</td>
</tr>
<tr>
<td>Fromanteel, Ahasuerus</td>
<td></td>
<td>117, 150, 151VII</td>
</tr>
<tr>
<td>Fromanteel, Johannes</td>
<td>London, keywound thirty-hour</td>
<td>30VII</td>
</tr>
<tr>
<td>Gandy, Cockermouth</td>
<td>astronomical red walnut</td>
<td>547VII</td>
</tr>
<tr>
<td>Gerard, Ja</td>
<td>Cockermouth, brass dialled</td>
<td>322VII</td>
</tr>
<tr>
<td>Goodyer, James</td>
<td>Guildford, thirty-hour movement</td>
<td>228VII</td>
</tr>
<tr>
<td>Gould, Christopher</td>
<td>London, marquetry</td>
<td>354, 355VII</td>
</tr>
<tr>
<td>Gould, George</td>
<td>South Molton, astronomical</td>
<td>392VII</td>
</tr>
<tr>
<td>Graham, George</td>
<td>London, No 682</td>
<td>309VII</td>
</tr>
<tr>
<td>Greaves, John</td>
<td>Newcastle, japanned</td>
<td>428VII</td>
</tr>
<tr>
<td>Green, John</td>
<td>Salop, month going</td>
<td>190VII</td>
</tr>
<tr>
<td>Green, William</td>
<td>of Milton (Cumbria)</td>
<td>316VII</td>
</tr>
<tr>
<td>Greenhill, Richard</td>
<td>Ashford, walnut (ex Prestige)</td>
<td>419VII</td>
</tr>
<tr>
<td>Gretton, Charles</td>
<td>London, month marquetry</td>
<td>465VII</td>
</tr>
<tr>
<td>Hendrie, James</td>
<td>Newmunkland, letter by Paul Lavoie</td>
<td>89, 90VII</td>
</tr>
<tr>
<td>Heywood, Samuel</td>
<td>Northwich, Cheshire</td>
<td>194, 195, 196VII</td>
</tr>
<tr>
<td>Hine, Thomas</td>
<td>Watlington</td>
<td>228VII</td>
</tr>
<tr>
<td>Hopkins, Edward</td>
<td>Bradford, letter by M C Matthews</td>
<td>87VII</td>
</tr>
</tbody>
</table>
Hughes, William, of London, letter by E H G  524
Irons, Richard, London  109
Johnson, London, regulator  427
King, Richard, Ratcliff Highway, mahogany  427
Klock, Pieter, Amsterdam, three train automaton  427
Knibb, Joseph, London
  month walnut  454
  stolen  519
  walnut  477
Knibb, Joseph, quarter-striking  302, 303
Knottesforde, William, parquetry  303, 304
Le Roy, Julien, equation of time  303
Leadbetter, William, London,  109
Lloyd, Philip, Bristol, 24hour dial, calendar, moon, automata  619, 620
Mercer, John, Hythe (Senior), oak  419, 420
Milar, Edinburgh  618
Miles, George, Holton  196
Mill, J Montrose  618
Millin, Bedford  319
Moses, T, West Auckland, mahogany  228
Murch, John, of Honiton, stolen  519
Norcott, John, London, keywound thirty-hour  30
Norton, Eardley, mahogany  331
Oxley, John, Norwich, oak  428
Pannel, Hugh, stolen  415
Papavoine, Isaac, London, lacquer  427
Pare, Thomas, London, keywound thirty-hour movement  128, 129
Pattison, Robert, of Greenwich (letter by B R T)  521
Pearson, Halifax  309
Prime, Andrew, London, architectural  653
Pyke, Bridgewater, movement, stolen  415
Pyke, George, London, musical  273
Quare and Horseman
  chiming, No 298, stolen  415
  huge  426
Quare, Daniel, London
  month, marquetry, quarter repeat  619
  walnut quarter chime  458
Quare, Daniel, month, No 109  301
Rhodes of Kendall, regulator  268
Robb, W, Montrose  618
Sanderson, John, of Wigton  316
Sayers, T & R, Lindfield  618
Scafe, William, walnut, London  16
Smith, Gabriel, Barthomley, Cheshire  185, 186
Spiller, M, Whetstone, lacquered  309
Stokes, John, Bewdley, movement, stolen  415
Stunt, London, regulator  268
Taylor, Thomas, London, marquetry  461
Titherton, John, London, marquetry  252, 344
Toleman, Carnarvon  618
Tompion, Thomas
  keywound thirty-hour  1, 32, 35, 319, 389
  No 123  515
  three train  303, 306
  walnut  142
Tompion, Thomas, London, marquetry  623, 624
Tribe, Jno, Thackham 619
Tripp, Westminster, equation dial, annual calendar, roller suspension 619
Tucker, J, Portsmouth, oak 309
Tucker, Jonathan, Portsmouth, oak 427
Vernon, Thomas, Ludlow, red walnut, month 428
Wagstaffe, Thomas, London, mahogany 140
Warden, Thomas, month marquetry, London 8
Watson, Samuel, London, marquetry 460
Welsh, R, Dalkeith, mahogany 538
Whitehurst, Derby 427
Windmills & Elkins, London 618
Windmills, Joseph, London marquetry 459, 471
month walnut 272
Wise, John, London, marquetry 363

Longcase regulator
Barnes, John, London, balloon shape 358, 359
Callam, Alexander, London, striking 470
Daser, J G 105
early 19th century mahogany 564, 565
Fisher, E, Bath 618
Frodsham, Charles, walnut 428
Inskip, Thomas, Shefford 18
Rhodes of Kendall, mahogany 268
Rich, Andrew, Bridgewater 322
Sikes, John, with Clark's gravity escapement 567
Stunt, London 268
Vulliamy, Benjamin Lewis, No 982 7

Longitude, finding, Dr William Cuningham, of Norwich, letter by D H 229
Loomes, Brian
Clement, Francis and William, letter 87, 88
Complete British Clocks, reviewed 289
Loomis, A L, chronograph experiment, 405, 406
Losada, chronometer No 3955, 507
Lowndes, Jonathan, London bracket clock, stolen 519
bracket clock, walnut, repeat 457
Lund & Blockley, watch, No 2/974, 619
Lympius, Dr W, Bineaymé à Dieppe, mantel clock, letter, 88
Lyons, H, London, drop dial clock, 427
M
M J C, Stokeld, John, Lincoln, letter, 230
M J P, Kent clocks and clockmakers, letter, 319
MacDowall, Leeds, month helix lever timepiece, No 34b, 276, 309
Machatik, Jos, Tabor, watch, 69
Mackay, C G, Turret clock electrification, lecture, 222
Maintaining power 152, 153
spring (Harrison's), by Dr J Clark 395, 398
Maitzner, Francis and Moreau, Jean, La Comtoise: La Morbier: La Morez, reviewed 308
Maltin, Michael, The effect of the moon on pendulum clocks, lecture, 405, 406
Mantel chronometer, Russell's, Liverpool, 654
Mantel clock, with seconds dial on backplate, 134
Mantel clock by
Arnold and Dent, London, ebonised travelling timepiece 135
Arnold, Charles Frodsham, 84 Strand, London, rosewood travelling No 858 134
Arnold, John, London 427
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Barraud, Cornhill, London No 1069  556
Benjamin Lewis Vulliamy, London, rosewood, Nos 882 and 894  6
Dent, London, No 55115  551
Goodhugh, Regent Street, London (T & R 7750), tortoiseshell  650
Grimalde & Johnson  551
Le Roy et Fils  445

Barraud, Cornhill, London No 1069  556
Benjamin Lewis Vulliamy, London, rosewood, Nos 882 and 894  6
Dent, London, No 55115  551
Goodhugh, Regent Street, London (T & R 7750), tortoiseshell  650
Grimalde & Johnson  551
Le Roy et Fils  445

four-glass, Desfontaines escapement, perpetual calendar  445
ormolu and porcelain, perpetual calendar  139
Lister & Sons, Newcastle  551
Markwick, Markham & Perigal, musical Turkish  550
Marriott, of London  551
Maurice, E, No 5406, stolen  310, 311
Moore, Thomas, London  632
Simpson, Robert, London, rosewood, calendar  478
Thuret, J, Paris, Boulle cartouche wandering hour, stolen  226, 227
Vulliamy, London  551

Mantel clock, musical, Markwick, Markham & Perigal, Turkish,  550
Mantel regulator by, Dent, Airy's remontoire, No 521,  342
Mantidale, Harrison, radium powered clock,  414

Marine chronometer  548
Breguet, Abraham Louis, No 4208  548
Ditisheim, Paul, No 2, early electric  568
electric, Ditisheim, Paul, No 2  568
Muston, George, No 656  619
Negus, New York, No 2426  619
Winnerl, No 315  664

Markwick Markham Perigal / Derchinga, Joseph, chaise watch,  83
Markwick Markham, Borell, London, regulator, enamel Turkish dial,  471
Markwick Perigal, London, bracket clock, tortoiseshell musical Turkish,  428

Markwick, London

bracket clock, ebonised, stolen  311
bracket clock, quarter repeat, stolen  310
ebonised quarter repeating bracket clock, stolen  227

Markwick, Markham & Perigal, musical mantel clock,  550

Marperger, Paul Jacob, Horologiographia, Oder Beschreibung der Eintheilung und Abmessung der Zeit, (1723) review by E J ,  78
Marriott, London  545
mantel clock  551
quarter striking bracket clock  19
Marsh, A, London, bracket timepiece,  309
Martineau, Baltazar, watch,  83
Massy, Nicolas, Blois, alarm watch,  83
Mathiesen, Peter, (1696-1768)  45
Mathis, Joshua, of Battle  45
Matthews, M C, Edward Hopkins, Bradford, letter  87
Maurice, E, mantel clock, No 5406, stolen,  310, 311
McCabe, chronometer No 172,  507
McCabe, James, chronometer, marine, No 486,  83
McIntosh, K H, Chislet and Westbere (Villages of Stour Lathe), reviewed,  608
McIntyre, Peter  390, 392
Measuring equipment, precise, for timing  405, 406
Mechanical Paradox of James Ferguson  23
Medlam, Miss, Bowes Museum, lecture,  401, 402
Melvive, Robert, of Stirling,  595
Mercer, Dr Vaudrey, Frodshams, assistance wanted,  321
Mercer, F A, Percy Webster,  608
Mercer, Frank  413
Mercer, John, Hythe (Senior), longcase clock, oak, 419, 420
Mercer, Thomas 412, 413
Mercer, Tony, Mercer Chronometers: Radical Tom Mercer and the House He Founded, reviewed, 412, 413
Metcalfe, J D, An Early Mystery Clock 36, 38
Microscope, Swift & Son, London, 11
Milar, Edinburgh, longcase clock, 618
Miles, George, Holton, mahogany longcase clock, 196
Mill time see engine time clock
Mill, J Montrose, longcase clock, 618
Millburn, J R see King, Henry C, and Millburn, J R
Millin, Bedford, longcase clock, 319
Minute repeating, Rossell & Fils, Genève, gold pocket keyless lever No 84269, 473
Mitchell, A Electrical Horology and Restoration Group, meeting report 307, 309, 405, 406, 516, 517
Molyneux, G A, letter, 313
Molyneux & Sons watch No 1220, letter by N Gray 89, 90
watch No 571, verge 320
watch, Savage two-pin, No 1348 320
Molyneux, Robert chronometer, pocket, No 2220 313
watch, No 715 313
Monk, William, Keynsham turret clock, finial, 170, 178
Montre à tact, Breguet, Abraham, Louis, No 3987, 275
Moon, effect of on pendulum clocks, lecture by Michael Maltin, 405, 406
Moon dial, spherical Budgen, Thomas, Croydon 362, 363
Korcula (Yugoslavia) 402
Moon, Richard, London, mahogany bracket clock, 245
Moor and Son, London turret clock, in Hobart 417, 418
Moor, John, turret clock, 515
Moor, John and Co, turret clock, 515
Moor, John and Sons, Clerkenwell, longcase chiming regulator No 14497, 130
Moor, T, London, watch No 4265, 428
Moor, Thomas, Ipswich, bracket clock, 340
Moor, Thomas, London, mantel clock, 632
Morbier clock 308
More, Sir Thomas, exhibition, clock illustrations in, 386, 388
Moreau, Jean; Maitzner, Francis and, La Comtoise: La Morbier: La Morez, reviewed 308
Morceau, Ja; Maitzner, Francis and, La Comtoise: La Morbier: La Morez, reviewed 308
Morse clock 308
Mosher, gold chaser, case by 70
Moses, T, West Auckland, mahogany longcase clock, 228
Moulinié, Geneva, watch, 68
Movement, split front plate, Quare, 458
Movement maker, Ainsworth, George, of Warrington, 319
Movement makers, patterns for, Harlow, Samuel 483
Movements, trading between makers 157
Mudge, remontoire watch, 206
Mudge and Dutton cylinder escapement watch 206, 207
watch No 882 59
Mudge, T, London, watch, cylinder No 141, 618
Mudge, Thomas

Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006
Cumulative Index for Antiquarian Horology Volumes 10 to 19

Compiled by Edward Powell @ AHS 2006

marine timekeepers 305\textsuperscript{VII}
watch, No 242 83\textsuperscript{VII}
Murch, John, of Honiton, longcase clock, stolen, 519\textsuperscript{VII}
Murdock, W, regulator, 309\textsuperscript{VII}
Museum\textsuperscript{VII}
Adler Planetarium 300, 301\textsuperscript{VII}
Basingstoke, Willis Collection 514, 515, 628\textsuperscript{VII}
Bowes, Barnard Castle, lecture 401, 402\textsuperscript{VII}
Bowes, visit by Northern Section 512\textsuperscript{VII}
British 484, 486\textsuperscript{VII}
Castle Museum, York 422\textsuperscript{VII}
Dunfermline 600\textsuperscript{VII}
London, visit by Northern Section 622\textsuperscript{VII}
Oxford, History of Science 486, 487\textsuperscript{VII}
Perth City 426\textsuperscript{VII}
Royal Ontario, Toronto 623, 628\textsuperscript{VII}
Time Museum, Rockford 253, 303, 305, 306, 392\textsuperscript{VII}
Victoria and Albert, Watches of the by Dr F A B Ward 61, 74\textsuperscript{VII}
Wallace Collection, visit 221, 222\textsuperscript{VII}
Willis Collection see Museum, Basingstoke\textsuperscript{VII}
Wuppertal, sand-glasses 293, 298\textsuperscript{VII}
Zaanse Schans 413\textsuperscript{VII}

Musical clock\textsuperscript{VII}
anonymous movement, 24 bells 238\textsuperscript{VII}
automaton, given to Napoleon I 352\textsuperscript{VII}
De St Leu, Daniel, London, green lacquer bracket 138\textsuperscript{VII}
Dickie, Andrew, Edinburgh, bracket 596, 597, 599\textsuperscript{VII}
Ellicott, bracket 17\textsuperscript{VII}
Ellicott, bracket movement 91\textsuperscript{VII}
History and development of, lecture by Arthur W J G Ord-Hume 74, 75\textsuperscript{VII}
Markwick Perigal, London, tortoiseshell Turkish bracket 428\textsuperscript{VII}
Markwick, Markham & Perigal, mantel 550\textsuperscript{VII}
month Victorian rosewood longcase 427\textsuperscript{VII}
Norton, Eardley, London, gilt-metal grande sonnerie bracket 360, 361\textsuperscript{VII}
Panter of Cholsey, bracket 420\textsuperscript{VII}
Philp, Robert, London, longcase, mahogany 559\textsuperscript{VII}
Prior, George, London, tortoiseshell, Turkish dial, bracket 619\textsuperscript{VII}
Prior, George, London, Turkish bracket 349\textsuperscript{VII}
Pyke, George, London, longcase 273\textsuperscript{VII}
Pyke, London, organ 309\textsuperscript{VII}
Rimbault, Stephen, bracket, stolen 226\textsuperscript{VII}
skeleton 104, 542\textsuperscript{VII}
Taylor, John, London, 8 day ormolu repeating automaton bracket 5\textsuperscript{VII}
Vulliamy, London, bracket with fountain, No 371 618\textsuperscript{VII}
Wood, Robert, London 309\textsuperscript{VII}

Musical work\textsuperscript{VII}
Stirling, Tolbooth 589, 590, 591\textsuperscript{VII}
Muston, George, No 656, marine chronometer, 619\textsuperscript{VII}
Mystery clock, Augsburg, 36, 38\textsuperscript{VII}
Mystery Clock, An Early, by J D Metcalfe 36, 38\textsuperscript{VII}
N
N T, Kent Clocks and Clockmakers, letter, 419\textsuperscript{VII}
Napoleon\textsuperscript{VII}

musical automaton clock given to 352\textsuperscript{VII}
travelling clock by Breguet 414\textsuperscript{VII}
National Centre of Documentation on Measurement of Time 408\textsuperscript{VII}
National Time Recorder Co Ltd 516\textsuperscript{VII}
Negretti & Zambra, London, telescope, 12, 13
Negus, New York, marine chronometer, No 2426, 619
Nettell, D F reports 76, 77, 76, 299, 402, 403, 512, 514, 515, 622
Nettell, D F review 608
Turret clocks, A review of their evolution 162, 179
Two turret clocks with spring remontoires 394, 400
Nettell, D F, and Sparks, B E, Two Plane Turret Clock Escapements by William Leeson, 79, 81
Newcastle under Lyme, clock making in 201, 203
Newsome, John, York 424
Newton, Sir Isaac 45
Nicoll, W, Jnr, London, watch movement, Savage 2-pin lever, No 1049, 427
Nineteenth Century Watchman's Clock, The, by Dr A A L Thomas, 496, 503
Nixseaman, Reverend A J 179
Noakes, John, of Battle 44
Nocturnal, pocket universal, 484, 487
Noon gun, Paris, 288
Norcott, John, London, keywound thirty-hour longcase clock, 30
Norgate, Martin, Andrew Dickie & Others, Clock & Watchmakers, 586, 603
North, Dr J D Richard of Wallingford 409
Northern Section 304, 307
A G M 401
Bowes Museum, lecture 401, 402
Norton, Eardley, mahogany longcase clock, 331
Norton, Eardley, London bracket clock, gilt-metal musical grand sonnerie 360, 361
watch, cylinder, No 50057 619
The Numbers Game, letter by E L H, 640
O
Octant, by Geoffrey Bell, 571
Odiham, turret clock, 515
Ogden, Thomas, turret clocks, 77
Old Basing, turret clock, 515
Olsen, Jens, gearing, 392
Ord-Hume, Arthur W J G, The History and the Development of the Musical Clock, lecture, 74, 75
Organ clock, Pyke, London, 309
Ormolu clock, Le Roy, H'ger du Roi, 657
Orrery Graham, George 412
Osterley House, Exhibition, 25th anniversary, 494
Ouderogge, Cornelius Jansen, bell by, 587
Our Sister Societies Overseas A F A H A 408
A N C A H A 408
Editorial, by Dr J M Plowman 408
Overall, Henry, of Dover, bracket clock, 511
Oxley, John, Norwich, longcase clock, oak, 428
P
Pace, Thomas, London, bracket clock, 618
Palgrave, F, letter re "Tell Tale" clocks, 502
Panier à Paris, longcase clock, 468, 469
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Pannel, Hugh, longcase clock, stolen, 415
Panter Chelsey, letter by E A S, 420
Panter of Chelsey, bracket clock, musical, 420
Papavoine, Isaac, London, longcase clock, lacquer, 427
Pare, Thomas, London, longcase clock, thirty-hour keywound movement, 128, 129
A Parfait Clocke Artificially Made, letter by D H 229
Parkinson & Frodsham, duplex carriage timepiece, 336
Parkinson & Frodsham, London bracket clock, 427
Parkinson & Frodsham, London watch, minute repeating grande sonnerie No 7269 618
Pascal, C, The Hague, Haagse clock, 562
Pascal, Claude, of The Hague, watch, 64, 65
Passing strike, with strike/silent, 566
Patent 268, watch, Viner, London 83
Pattison, Robert, of Greenwich, longcase clock (letter), 521
Paulus, Pierre, Amsterdam, Dutch striking Atlas clock, 20
Pawley, David, Building a Time code receiver, lecture, 222
Paxton, John, St Neots, watch, No 7738, 619
Payne & Co, carriage clock, grande sonnerie alarm, 428
Pearson, Halifax, longcase clock, 309
Pearson, William 412
Peeckover, Richard, London, bracket clock, ebonised, repeating, 428
Pedometer watch, Spencer and Perkins, Snow Hill, London, 83
Pendulum compensation see compensation, pendulum
Pendulum Clock, The Story of the by Ernest L Edwardes, reviewed 517, 519
Pendulum clocks, early, by Ronald A Lee 146, 160
Penfold, Dr John B, John Brockbank, the Troughtons, and the Barwises, letter, 316
Pennington, Robert, London, bracket clock, 557
Penock, John, York and London 424
Performance, early balance spring going barrel, 482
Perigal, Francis balloon clock, mahogany 101, 239, 338
Perigal, Francis, London, eight bell chiming walnut bracket clock, 257
Perpetual calendar, gearing 392
Graham, George 413
Le Roy et Fils, mantel clock 445
Le Roy et Fils, ormolu and porcelain mantel clock 139
Perrelet, Abraham Louis, self-winding watch, 211
Pfaff, Jeremias, Augsburg, table clock, 126
Philip the Good 409
Philp, Robert, London, musical mahogany longcase clock, 559
Photography Aid to depth of field determination in horological, by T T Walters 280, 283
Piggin, Norwich, drop dial wall clock, 618
Piggott, Ronald K, Reconversion, or restoration?, letter, 89
Pike, John, London, ebonised quarter repeating bracket clock, stolen, 227
Pillars of movement, screwed to back plate 183
Pirouette, Anschutz in Torgau, watch, 364, 365
Planetarium 412
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006
by Geoffrey Bell

Planetary clock  411, 412
Planner, Thomas, ebonised repeating bracket clock, stolen,  226
Plomp, Dr R , Spring driven Dutch Pendulum Clocks, 1657-1710, reviewed,  584, 585
Plowman, Dr J M  book review  495
editorial  27
Jubilee  143
Prices, editorial  279
letter by J G T O  424
The pocket watch 1750 to 1850, a review, by Cecil Clutton  206, 221
Polding, J B , Clocks for collectors, lecture,  221
Police page  84, 85, 226, 227, 310, 311, 415, 519
Ponsford, C N , Time in Exeter, reviewed,  585
Poole, John, 57 Fenchurch Street, London  auxiliary balance  118
chronometer carriage clock, No 4428  118, 119
Portuguese horology  408
Post Framed Clocks, P M , letter,  426
Post Office, time distribution by,  284, 287
Post-framed clocks in the North of England, letter by B F M  316
Power, T of Wellingborough, letter by J M ,  523
Prague, Town Hall clock  164
Prices of articles in past, letter by J B P ,  521
Prices, editorial, by Dr J M Plowman  279
letter by J G T O  424
Prime, Andrew, London, longcase clock, architectural,  653
Prior, George, coach watch, Turkish market,  72
Prior, George, Leeds  407, 408
Prior, George, London  bracket clock, musical Turkish  349
bracket clock, tortoiseshell, musical, Turkish dial  619
Proctor, D V , Astrology and the Astrolabe in Europe, reviewed,  411
Programme 1979  312, 416
Autumn - Winter, 1978-9  86
Provincial clockmaking  184, 205
Pryce, Dr W T R , Help wanted re Samuel Roberts,  617
Public timekeeping  284, 288
Pulse piece  417
Purves, William, Stirling, clock maker,  587
Pybus, W , London, double dial watch,  309
Pyke, Bridgewater, longcase clock, 30-hour movement, stolen,  415
Pyke, George, London, musical longcase clock,  273
Pyke, John, London, bracket clock, quarter repeat, stolen,  310
Pyke, London, organ clock,  309

Q
Quaife, Thomas, and family, of Battle  43, 44
Quaker clocks  426
Quare, barometer, No 140,  515
Quare, Daniel  bracket clock, ebony, "keyhole"  404
bracket clock, repeat, subsidiary dials  623, 624, 625
bracket clock, tortoiseshell, "keyhole"  405
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

- bracket clocks with "keyholes" in backplates 404, 405\textsuperscript{VII}
- Kenney, George C., Keyhole Clocks, in Horological Dialogues, reviewed 609, 610\textsuperscript{VII}
- "Quare, Daniel", W&H lantern clock, 618\textsuperscript{VII}
- bracket clock by Tompion 156, 157, 224\textsuperscript{VII}
- bracket clock with seconds dial 321\textsuperscript{VII}
- Kenney, G., requests information about 321\textsuperscript{VII}
- longcase clock, month, marquetry, quarter repeat 619\textsuperscript{VII}
- longcase clock, month, No 109 301\textsuperscript{VII}
- longcase clock, walnut quarter chime 458\textsuperscript{VII}
- tortoise shell veneered bracket clocks 223, 224\textsuperscript{VII}
- watch No 3384 83\textsuperscript{VII}
- "D Quarry", Quare and Horseman, longcase clock, letter, 426\textsuperscript{VII}
- Quartz, dead beat pallets, 478\textsuperscript{VII}
- Quash, Joseph, watch, 64\textsuperscript{VII}
- Quill, H., Within these four walls, film by H Q and D W Waters, 74\textsuperscript{VII}
- Quilliam, stamp on Yates watch, 522\textsuperscript{VII}
- Quine, D., re-use of engraved brass, letter, 88\textsuperscript{VII}
- R
- B M., modern Russian marine chronometer, letter, 634\textsuperscript{VII}
- C W., Comtoise clock, letter, 640\textsuperscript{VII}
- J L., reports, 74\textsuperscript{VII}
- R L G., Vienna regulator, "Remember" brand and Gustav Becker, letter, 320\textsuperscript{VII}
- R W H., Liverpool watchmakers, letter, 634\textsuperscript{VII}
- Rack clock 406\textsuperscript{VII}
- Radiocheckrate, musical Turkish, 406\textsuperscript{VII}
- Railway time and all that, Lt Cdr H D Howse, lecture 307, 309\textsuperscript{VII}
- Raimondi, Petrus, astrolabe 515, 516\textsuperscript{VII}
- Ramsay, David, watch, 61, 62\textsuperscript{VII}
- Randall, Anthony G.\textsuperscript{VII}
- Constant Force Escapements and Escapement Remontoires 46, 60\textsuperscript{VII}
- Constant Force Escapements, lecture 304, 307\textsuperscript{VII}
- Rate, pre-set losing and gaining 284\textsuperscript{VII}
- Ray, Daniel, and family, of Battle 42, 43\textsuperscript{VII}
- Reconversion, or restoration?, letter by Ronald K. Piggott 89\textsuperscript{VII}
- Recording clock, see Watchman's Clock\textsuperscript{VII}
- Regulator\textsuperscript{VII}
- Emery, eight-day, letter by Cecil Elsom 89\textsuperscript{VII}
- Lepaute 221\textsuperscript{VII}
- Murdock, W. 309\textsuperscript{VII}
- Regulator (watch) "Barrow", origin of 480, 482\textsuperscript{VII}
- "Bosley", used by Huygens 480\textsuperscript{VII}
- straight-line 480\textsuperscript{VII}
- worm, experimental c 1660? 482\textsuperscript{VII}
- Regulator, electric, mantel by Fredk Bull, 15\textsuperscript{VII}
- Regulator, longcase\textsuperscript{VII}
- Ainsley, R., Acton, mahogany 3\textsuperscript{VII}
- Daser, J G 105\textsuperscript{VII}
- early 19th century mahogany 564, 565\textsuperscript{VII}
- Graham, George, sidereal 390, 392\textsuperscript{VII}
- Inskip, Thomas, Shefford, mahogany 18\textsuperscript{VII}
- Markwick Markham, Borell, London, enamel Turkish dial 472\textsuperscript{VII}
- Moore, John and Sons, Clerkenwell, chiming, No 14497 130\textsuperscript{VII}
- Rich, Andrew, Bridgewater 322\textsuperscript{VII}
- Sikes, John, with Clark's gravity escapement 567\textsuperscript{VII}
- Vulliamy, Benjamin Lewis, No 982, mahogany 7\textsuperscript{VII}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Regulator, mantel
- Bull, Fredk, electric 15
- Dent, Airy's remontoire, No 521 342

Regulator, observatory, Boehme, F, pupil of H Rogien, 14

Regulator, table, French with constant force escapement, 133

Regulator, Vienna see Vienna regulator

Regulator, wall
- Dent, No 52882, year going 255
- Detouche, C, Paris, month 566
- Duff, Daniel, Paisley 322

Reith, James, Versailles, clock-watch, 68, 69

Religieuse clock
- Demire, Theodore, a Paris 563
- Gribelin, Nicholas, Paris 623, 625, 626

"Religieuse"

Remontoire
- second 304
- Airy's train, Dent mantel regulator, No 521 342
- Breguet, hammer and nail 305
- escapement 49, 51
- Grimthorpe, Lord 394, 396
- half-minute 402
- Mudge, one minute 206
- one hour, William Dunant, London, bracket clock 545
- spring (train), by Dr J Clark 394, 398
- train 46, 47

Renaissance clock, striking and alarm wall c 1580, , 265

Repeater
- dumb, letter by D S L 417
- minute 427
- Jones, R, Liverpool, free sprung lever 427
- West End Watch Co, calendar chronograph 659
- West End Watch Co, minute, calendar chronograph 659

Repeating Work, Accuracy in, Wilkes, W W, 603

Repeating work, Berollas', watch by Roskell No 10031, 83

Resch, Gebr, Vienna regulator, 521

Restoration group activities of
- AGM 299
- Rhodes of Kendall, mahogany longcase regulator, 268
- Riccorde, Richard, London, watch, pre balance spring, 367
- Rich, Andrew, Bridgewater, longcase regulator, 322
- Richard of Wallingford, see Wallingford, Richard of 511
- Richards, J, London, watch, gilt repousse, 428
- Rider, William, W:Pool, longcase clock movement, 633
- Riefler 406
- Rimbault, Paul, of London, bracket clock, fruitwood, 574
- Rimbault, Stephen, three train musical bracket clock, stolen, 226
- Robb, W, Montrose, longcase clock, 618
- Roberts, John, of Battle 43
- Roberts, Ken, Tools for the Trades and Crafts, lecture, 307
- Roberts, Samuel, Help wanted by T Alun Davies, 617
- Robin, Paris, carriage clock with escapement by Winnerl, 428
- Robinson, Francis, of London, bracket clock, ebony quarter striking, 2
- Robinson, T, Turret Clocks, lecture, 511, 512
- Robinson, T O 385

The Clandon "Cockleshell" 385

Some Turret Clocks from Yugoslavia and France, lecture 402, 403
Rodgers, Isaac, of London, watch 1579, stolen, 519
Rollers, friction, Dumont, William, London, remontoire bracket clock, 545
Romer 412
Röntgen and Kintzing, Neuwied 408
Roseman, W P, lecture on Harrison’s timekeepers, 74
Roskell, watchman’s clock 496, 497
Roskell, Robert, Liverpool watch No 10031, 83
watch, quarter repeating, No 73503 619
Rossell & Fils, Genève, watch, gold pocket minute repeating keyless lever No 84269, 473
Rotherwick, turret clock, 515
Rouen, early balance spring watches, 480, 482
Russells Ltd, Liverpool, marine chronometer No 7052, 309
Russell’s, Liverpool, mantel chronometer, 654
Saffron Walden, request re clockmakers, letter by H C N, 634
Salem, clocks by Eberhardt 413
Salisbury Cathedral Clock 162, 163, 205
Salomons, Sir David, collection, details, ANCAHA, 433
Sanderson, John, of Wigton, longcase clock, posted frame, 316
Sand-glass marine multiple 298
pulpit 295, 296
Sand-glasses of the Historisches Uhren Museum, Wuppertal, Germany, by J R A Aked 293, 298
Saphin, P, London, bracket clock, chiming, 618
Sartor, Hubert, Liège 428
Sayers, T & R, Lindfield, longcase clock, 618
Scafe, William, London, walnut longcase clock, 16
Schmid, Jean Pierre (1920-77) 45
Schmidt, Carol, Augsburg, quarter striking tower table clock, 125
Schmidt, Geo, Augsburg, automaton table clock, 623
Schoof, W G, on gravity escapements, 630, 631
Schriften der Freunde Alter Uhren, Vol 18, by Georg Schindler (Ed), reviewed, 503
Schwalm Dial Factory 393
Schwilgue, Jean-Baptiste, gearing, 392
Security, D M S, letter, 420, 421
Security, Theft of Antique Clocks, by Det Sgt T Lee, 28, 29
Security for the antique collector, lecture by Det Sgt T Lee 299
Sedan watch 309
Seney, G, of Rouen, watch, 65, 66
Seymour, John, of Wantage, East Hendred turret clock, 168
Shepherd, Charles, electric clock, 307, 309
Shropshire Clock and Watchmakers, by Douglas Elliott, reviewed, 495
Sidereal time, Margetts, train for, 392
Sidereal time clock
George Graham Regulator by A B Partridge 390, 392
Graham, George, letter by P M 229
Richard of Wallingford 165
Sikes, John, longcase regulator with Clark’s gravity escapement, 567
Silver Jubilee Meeting 74
Simoni, Capt Antonio, Brussels miniature, 606, 607
Simpson, Robert, London, mantel clock, rosewood, calendar, quartz pallets, 478
Skeleton clock
Condifl, James, Liverpool, chiming, 1860 539
musical 104, 542
Sleeswyk, André Wegener, The 13th century "King Hezekiah" water-clock, 488, 494

Smith and Asprey, watch, 71

Smith & Son, London, bracket clock, 662

Smith, B, Leeds, bracket clock, red lacquer, 619

Smith, Gabriel, Barthomley, Cheshire, longcase clock, 185, 186

Smith, Jas, London, green japanned bracket clock, 309

Smith, John, York, bracket clock, stolen, 103, 226

Smith, S & Sons, watch, karrusel, No 170 20, 619

Snow, John

lantern clock dated 1639 653
lantern clock, stolen 632, 633

Some Turret Clocks from Yugoslavia and France, lecture by T O Robinson 402, 403

John Snow

lantern clock, 653

Sparks, B E, D F Nettell and, Two Plane Turret Clock Escapements by William Leeson 79, 81

Spencer and Perkins, Snow Hill, London, pedometer watch, 83

Spiller, M, Whetstone, longcase clock, 309

Spring driven Dutch Pendulum Clocks, 1657-1710, Plomp, Dr R, reviewed, 584, 585

The St Alban's Clock by E Watson 345, 372, 384, 549, 576, 584

Staartklok, striking mechanism explanation, letter by H B, 317, 318

Stackfreed

invention of 410
use of in watches 180

Stamper, F, London, hooded wall clock, 403, 404

Standard Time Company 287

Standard Time, the adoption of by Alun C Davies 284, 289

Staples, James, London, bracket clock, 511

Staplin, London, watch, 83

Steyr, crucifix clock, 264

Stimpson, Henry, of Bath, mahogany bracket clock, 2

Stirling

Andrew Dickie and others of 586, 595
Cowane's Hospital, sundial 591, 592
Tolbooth 586, 591

Stokeld, John, Lincoln

letter by M J C 230
watch, letter by W L 316

Stokes, John, Bewdley, longcase clock, movement, stolen, 415

Stopwork, calibrated as up-down dial, 481, 482

Story of the Pendulum Clock, The, reviewed Edwardes, Ernest L 517, 519

Strape, Cumbria, bracket clock, chiming, 618

Strasbourg clock, 1578 description of 406

Strasbourg clocks, anonymous astronomical table c 1580, 262

Strelley, Francis, London, architectural bracket clock, 116

Strigel, George Phillip, London, bracket clock, fruitwood, 466, 467

Striking

double 403
Dutch, Paulus, Pierre, Amsterdam 20
Richard of Wallingford's clock 372, 378
staartklok mechanism, explanation, letter by H B 317, 318
 turret clock, by remote wheel 397
twenty-four hour 384, 403

Strut timepiece, Boxell, Brighton, 427

Stubs, supplying clock parts and tools, 202, 203

Stunt, London, longcase regulator, 268

Su Sung 45, 604

Sundial
### Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Page</th>
<th>Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>569VII</td>
<td>and astronomical compendium, 1596</td>
</tr>
<tr>
<td>11VII</td>
<td>German wood and paper</td>
</tr>
<tr>
<td>483VII</td>
<td>Greek and Roman, review of book on pocket</td>
</tr>
<tr>
<td>10VII</td>
<td>Berge, late Ramsden, early, drawing by Urs Graaf c 1520</td>
</tr>
<tr>
<td>484, 486VII</td>
<td>universal equinoctial</td>
</tr>
<tr>
<td>592, 593VII</td>
<td>Stirling, Broad Street, Cowane's Hospital, Andrew Dickie, universal equatorial, Elliott &amp; Bros., London</td>
</tr>
<tr>
<td>403VII</td>
<td>Sundials, ivory diptych, punch marks,</td>
</tr>
<tr>
<td>262VII</td>
<td>anonymous Strasbourg astronomical c 1580, East, Edward, gilt brass, East, Edward, London, enamelled French</td>
</tr>
<tr>
<td>253, 303, 305VII</td>
<td>Fromanteel, Ahasuerus &amp; East, Edward, minute hand revolves in three hours, Greban, Alphonse, Paris, late C16</td>
</tr>
<tr>
<td>263VII</td>
<td>Haug, Samuel, Augsburg, quarter striking c 1620, lion</td>
</tr>
<tr>
<td>401VII</td>
<td>Pfaff, Jeremias, Augsburg, Schmidt, Carol, Augsburg, quarter striking tower, South German, c 1650, square</td>
</tr>
<tr>
<td>222, 299VII</td>
<td>Taylor, E. W., reports</td>
</tr>
<tr>
<td>508, 509VII</td>
<td>Taylor, John, LondonVII, 8 day ormolu repeating musical automaton bracket clock, bracket clock, mahogany repeat calendar, bracket clock, walnut, stolen</td>
</tr>
<tr>
<td>157, 158VII</td>
<td>Taylor, Thomas, London, longcase clock, marquetry, Telegraphe, time signalling by,</td>
</tr>
<tr>
<td>75VII</td>
<td>Tell-tale clock, see Watchman's ClockVII</td>
</tr>
<tr>
<td>61, 63VII</td>
<td>Temple Newsam house, visit, Terold, Henry, of Ipswich, watch, Terwilliger, C., The Horolovar 400 Day Clock Repair Guide, reviewed</td>
</tr>
</tbody>
</table>

"Tête de poupée" 401VII
Theft of Antique Clocks, by Det Sgt T Lee  28, 29
Thermometer, in travelling clock by Breguet,  414
Theurillat, Xavier  51, 53, 55, 56
Thevenot à Paris, bracket clock, stolen,  84
The 13th century "King Hezekiah" water clock, by André Wegener Sleeswyk,  488, 494
The thirty-hour keywound longcase clock, by J Hartley  30, 35, 38
author's reply  389
Thomas, Dr A A L , The Nineteenth Century Watchman's Clock,  496, 503
Thompson, John, Lewisham, bracket clock,  366
Thorne, John, London, watch, duplex No 2378,  619
Thristle, James, Stogursey, longcase alarm timepiece with engraved dial, letter by A H S  634, 639
Thuret, J, Paris, Boulle cartouche wandering hour mantel clock, stolen,  226, 227
Thwaites, turret clock,  515
Thwaites and Reed, London, bracket clock, Masonic,  309
Tight, George, watch, unusual dial, No 1073,  427
Time code receiver, building a, lecture by David Pawley  222
Time distribution  284, 289
Time in Exeter, Ponsford, C N , reviewed,  585
Time locks, letter by A J Hardingham  87
Time Museum, Rockford  253, 303, 305, 306
Time recorder  516, 517
Timekeeping, synchronised  284, 289
Timins, R , Birmingham, tools  307
"Tippoo's Tiger", automaton,  70
Tipsy key  410
Titherton, John, London, marquetry longcase clock,  252, 344
Toleman, Carnarvon, longcase clock,  618
Tomlin, E , London, bracket clock,  619
A Tompion watch with calendar motion, letter by J W ,  314, 315
Tompion, Thomas  515
bracket clock signed Daniel Quare  156, 157, 224
dead beat escapement  152
 ebony quarter repeating timepiece No 77  249
longcase clock, No 123  515
longcase clock, three train  303, 306
 walnut longcase clock  142
 watch No 3986, with calendar motion  314, 315
 watch No 4372  83
 watch, No 311, stolen  519
Tompion, Thomas, London  623, 624
longcase clock  1, 32, 35, 319, 389
Tools, supply by Stubs,  202
Tools for the Trades and Crafts, lecture by Ken Roberts,  307
Torkington, Jesse, Newcastle under Lyme  191
Tour, Spring 1980,  507
Tourbillon  618
Frodsham, Charles, carriage clock, grande sonnerie  618
Frodsham, watch  446
Townely, Richard, 1675 letter from Flamsteed to,  480
Travelling clock see under mantel clock
Travis, Samuel and William, Leek, clock makers  202
Tregent, James, London, watch,  69
Treherne, A A , British clocks, 1700-1900, a review letter by B F M , 316  184, 205
Turret clock (VIII)
"cockleshell" 168, 169VIII
astronomical 164, 166VIII
burning clocks, letter by E J T 523VIII
burning clocks, letter by W L 524VIII
dials 177VIII
dials, materials and designs 299VIII
digital display, Dubrovnic 402VIII
electric 174, 176VIII
electric winding 402, 403VIII
extended barrel 80, 171, 175VIII
finials 178VIII
Finmere, Oxon 395VIII
spear 403VIII
flat-bed two train 428VIII
The Fly in the Grimthorpe Gravity Escapement, lecture by H Wallman 629, 631VIII
hands 299VIII
striking via leading off work 397VIII
towers and dials, lecture by C A Hartridge 299VIII
unusual gravity escapement 395, 400VIII
wooden framed 171, 172VIII
Turret clock electrification, lecture by C G Mackay 222VIII
Turret Clock Escapements, lecture (VIII)
Ball, Martin 513, 514VIII
Bateman, Douglas 514VIII
Hutchinson, B 512, 514VIII
Turret Clock Group AGM, 1978 298, VIII
Some Turret Clocks from Yugoslavia and France, lecture by T O Robinson 402, 403VIII
Turret clock, maker (VIII)
Briant, John, Hertford, 1749-1829 230VIII
Clark, Dr James 398, 400VIII
Davis, John, of Windsor 515VIII
Dickie, Andrew 588, 589, 598, 600VIII
Hanbury, John, West Haddon 80VIII
Harrison, James (Brocklesby Park) 77VIII
Harrison, James (the fourth) 77, 172, 174VIII
Hemmings, Edward 170VIII
Hindley 77VIII
Hindley, Henry 171, 175VIII
Ker, Duncan 588VIII
Kintzing, Christian, Neuwied 290, 292VIII
Leeson, William 79, 81VIII
Monk, William, finials by 170, 178VIII
Moore and Son, London 417, 418VIII
Moore, John 515VIII
Moore, John and Co 515VIII
<table>
<thead>
<tr>
<th>Place</th>
<th>Volume Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aynho</td>
<td>170 VII</td>
</tr>
<tr>
<td>Basingstoke, St Michael's Church</td>
<td>515 VII</td>
</tr>
<tr>
<td>Basingstoke, Town Hall</td>
<td>515 VII</td>
</tr>
<tr>
<td>Bishops Stortford</td>
<td>230 VII</td>
</tr>
<tr>
<td>Boycott Manor, Dadford, Oxon</td>
<td>398, 400 VII</td>
</tr>
<tr>
<td>Brocklesby Park</td>
<td>76, 77 VII</td>
</tr>
<tr>
<td>Cambridge, King's College</td>
<td>230 VII</td>
</tr>
<tr>
<td>Clandon Park, &quot;Cockleshell&quot;</td>
<td>385 VII</td>
</tr>
<tr>
<td>Cotehele House</td>
<td>166, 168 VII</td>
</tr>
<tr>
<td>Cranbrook</td>
<td>39 VII</td>
</tr>
<tr>
<td>Cromall</td>
<td>515 VII</td>
</tr>
<tr>
<td>Dadford, Oxon, Boycott Manor</td>
<td>398, 400 VII</td>
</tr>
<tr>
<td>Dierdorf</td>
<td>290, 292 VII</td>
</tr>
<tr>
<td>Digswell Place, Herts, letter by E J Tyler</td>
<td>89 VII</td>
</tr>
<tr>
<td>Dover Castle</td>
<td>167, 168 VII</td>
</tr>
<tr>
<td>Dubrovnic</td>
<td>402, 403 VII</td>
</tr>
<tr>
<td>Dutch laboratory for soil research</td>
<td>414 VII</td>
</tr>
<tr>
<td>East Hendred</td>
<td>168 VII</td>
</tr>
<tr>
<td>East Horsley</td>
<td>39 VII</td>
</tr>
<tr>
<td>Farnham</td>
<td>515 VII</td>
</tr>
<tr>
<td>Finmere, Oxon</td>
<td>394, 398, 400 VII</td>
</tr>
<tr>
<td>Froyle</td>
<td>515 VII</td>
</tr>
<tr>
<td>Great Harrowden</td>
<td>172 VII</td>
</tr>
<tr>
<td>Hatfield</td>
<td>230 VII</td>
</tr>
<tr>
<td>Hertford, Balls Park</td>
<td>230 VII</td>
</tr>
<tr>
<td>Hertfordshire</td>
<td>76 VII</td>
</tr>
<tr>
<td>Horse Guards, letter by E J Tyler</td>
<td>89 VII</td>
</tr>
<tr>
<td>Humberside and Yorkshire</td>
<td>76, 77 VII</td>
</tr>
<tr>
<td>Idbury</td>
<td>79 VII</td>
</tr>
<tr>
<td>Kempshot House</td>
<td>515 VII</td>
</tr>
<tr>
<td>Keynsham, finial</td>
<td>178 VII</td>
</tr>
<tr>
<td>Korcula (Yugoslavia)</td>
<td>402 VII</td>
</tr>
<tr>
<td>Lambourne, wooden dial at</td>
<td>177 VII</td>
</tr>
<tr>
<td>Landivisiau (France)</td>
<td>403 VII</td>
</tr>
<tr>
<td>Lisburn (Antrim and Down)</td>
<td>230 VII</td>
</tr>
<tr>
<td>Mayfield</td>
<td>39 VII</td>
</tr>
<tr>
<td>Melton Mowbray</td>
<td>230 VII</td>
</tr>
<tr>
<td>Meriden</td>
<td>80, 81 VII</td>
</tr>
<tr>
<td>Metfield</td>
<td>617 VII</td>
</tr>
<tr>
<td>Midhurst</td>
<td>39 VII</td>
</tr>
<tr>
<td>Montéton</td>
<td>426, 427 VII</td>
</tr>
<tr>
<td>Odham</td>
<td>515 VII</td>
</tr>
<tr>
<td>Old Basing</td>
<td>515 VII</td>
</tr>
<tr>
<td>Orwell</td>
<td>76 VII</td>
</tr>
<tr>
<td>Panshanger Park stables</td>
<td>230 VII</td>
</tr>
<tr>
<td>Prague, Town Hall</td>
<td>164 VII</td>
</tr>
<tr>
<td>Presteigne</td>
<td>173 VII</td>
</tr>
<tr>
<td>Quickswood</td>
<td>76 VII</td>
</tr>
<tr>
<td>Ridge (Herts), Tyttenhanger</td>
<td>230 VII</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Rotherwick 515, 628
Rye church 168
Ryton on Dunsmoor 81
Saffron Walden 634
Salisbury Cathedral 162, 163, 205, 308, 309
Scheveningen 169
Sevenoaks 230
Shrewsbury 230
Sizun 403
Snitterfield 81
St Albans, by John Briant 230
St Albans, Richard of Wallingford 621, 622
St Alban's, Richard of Wallingford 622
Stirling, Tolbooth 588, 590
Swaffham Prior 230
Temple Balsall 79
Traquair House 598, 599
Uffington 176
Ulm, Germany 413
Upton Grey 515
Vela Luka (Yugoslavia) 402
Waltham Abbey 230
Watford church 230
Wells Cathedral 163
West Tots 79
Westminster 172
Wimborne Minster 417
Woodchester 406
Woodhall Park 230
Woodstock (Oxon) 230
Wroxton, copper dial at 177
Turret Clocks, lecture, by Robinson, T, 511, 512
Turret clocks, a review of their evolution, by D F Nettell 162, 179
Two turret clocks with spring remontoires, by D F Nettell, 394, 400
Tyler, E J
- Digswell Place, Herts, letter review 89, 495, 503, 614
- The Christian Kintzing Turret clock at Dierdorf, (article translated by E J T) 290, 292, 320

U
Uhr Optik 406
Ung petit traicte pour faire horoleiges 409
An Unusual Clock, P M S G, letter, 426, 427
Upjohn, James, London, watch, 70
Upton Grey, turret clock, 515
Ur Optik, reviewed, 614
Urmager Tidende 45

V
Vase clock, stolen 227
Vérité, Auguste Lucien (1806-87) 45
Verlinden, Jne, à Gand, watch, Sully's escapement, 441
Vernis Martin case by Lieutand, Balthazar 625, 626
Vernon, Thomas, Ludlow, longcase clock, red walnut, month, 428
Victoria and Albert Museum, Watches of by Dr F A B Ward, 61, 74
Vienna Clock Museum 45
Vienna regulator 112, 240, 439

“Remember” brand and Gustav Becker, letter from R L G 320
grande sonnerie two month duration  663
letter by E J T  521
letter by H H C  521
Viner, London

carriage clock, striking, No 214  274
watch, patent 268  83
Violin, made for George Prior, Leeds  407, 408
Visbagh, Peter, watch,  64
Visit

Adler Planetarium  300, 301
Basingstoke, Willis Collection  628
Benkendorf, Lee  302, 304
"Cockleshell" clocks  76
Haycock's of Ashbourne  75, 76
Old Royal Observatory, Greenwich  77, 78
Shepro, Justice, collection  301
Temple Newsam house and Kirkstall Abbey Museum  75
Time Museum, Rockford  253, 303, 305, 306
Wallace Collection  221, 222
Vogel, C F , Praktischer Unterricht von Taschenuhren sowohl für die Verfertiger, als auch für die Liebhaber derselben, review by E J .  78
Von Hirsch, Rupert, collection, drawing of early pocket sundial,  484
Vulliamy

bracket clock, four-glass, alarm, stolen  415
 turret clock, No 1441  515
 turret clock, No 1616  515
 watch, No aaia  83
 watchman's clock, No 1 / 1584  497, 498, 500
 watchman's clock, No 2  454, 500
Vulliamy, Benjamin, watch, gold pocket,  414
Vulliamy, Benjamin Lewis, London

mahogany longcase regulator, No 982  7
mantel clock, rosewood, No 882  6
mantel clock, rosewood, No 894  6
Vulliamy, London

bracket clock, musical fountain, No 371  618
mantel clock  551
W

Watchman's clock, No 2  453
W & H , "Daniel Quare" lantern clock,  618
W J L , chronometers, erasure of names by Dunkerque Depot, letter,  614
W L , watch by Jno Stokeld, Lincoln, letter,  316
Wadsworth, J H F , Watches prior to 1750, a review,  180, 183
Wagstaffe, Thomas, London, mahogany longcase clock,  140
Wain, Wm., Burslem, watch,  618
Wall clock

Berringer, Helston, small  566
Gladdish, W., of Yalding, with passing strike and strike/silent  566
Graham, George, alarm, stolen  632
Graham, George, verge alarm  449
Hemmins, Edward, Bicester  449
Lyons, H., London, drop dial  427
Piggin, Norwich, drop dial  618
striking and alarm c 1580,  265
Wise, John, London, chiming walnut  427
Wall clock, hooded

anonymous  653
Budgen, Thomas, Croydon 247
Dewe, John, Southwark, verge alarm in lacquer case 251
Harris, Stephen, Tunbridge 419
Stamper, F., London 403, 404
Wall, William, of Wandsworth, letter by D H Bacon 88
Wallingford, Richard of 576, 584, 411, 409, see also St Alban's
astronomical gear train 165, 166
book by Dr J D North 372, 384
clock reconstructions 345, 372, 384
clock, Northern Section lecture by E Watson 621, 622
clock, Turret Clock Group lecture by E Watson 622
Walters, T T, An aid to depth of field determination in horological photography, 280, 283
Walton, C, electric clock kit by, 621
Ward, Dr F A B
Clock Illustrations in the Sir Thomas More Exhibition 386, 388
An early pocket sundial illustrated in art 484, 487
reports 401
review 585
The Watches of the Victoria and Albert Museum 61, 74
Ward, John, London, repeating mahogany bracket clock, 260
Warden, Thomas, London, month duration marquetry longcase, 8
Watch see also clock watch, coach watch, alarm watch
"doubtful" decorative 180, 181
calendar dial, stolen 519
Continental quarter repeat 439
development by Abraham, Louis Breguet 210, 211, 215, 218
 dial, unusual, Roman and Turkish numerals, double 319
early balance spring, performance 480, 482
enamel 64, 65, 66, 67, 68
Huant family 66, 67
going barrel in early Rouen 480, 482
Goliath calendar 309
pendulum 181
performance, early balance spring 480, 482
pre balance spring, Riccorde, Richard, London 367
rock crystal 62, 63, 66, 67
Roman and Turkish numerals on two dials, letter by J B 319
seconds beating, Anschutz in Torgau 364, 365
self-winding, Perrelet, Abraham, Louis, 211
set with pearls and a chatelaine 135
single hand, Riccorde, Richard, London 367
six-hour dial, Goode, Charles, stolen 84
skelotonised, Anschutz in Torgau 364, 365
skull, Leroy of Paris 512
with sand-glass 293, 294
temperature compensation 206, 221
Watch by
Albrecht, George, Zillichau 69
The American Watch Co, Riverside, No 7019589 619
Anschutz in Torgau 364, 365
Arnold and Lewis, Manchester, number 4235, perpetual calendar repeating 341
Arnold, John
No 44 208, 209
precision 208, 211
Barham, G, Hawkhurst, lever 419
Barnes, Richard, of Worcester 61, 62
Barrow, Nathaniel, Schloss collection 480
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Barwise, London, No 3763  618
Baume & Mercier, Geneve, watch, stolen  519
Belleville, form, shape of mandolin  68
Bernard, Nicholas, of Paris  65, 66
Bilbie, W , Chewstoke, No 504  619
Bilois  401
Bloys, A , of Blois  65
Bonbruict of Blois  512
Bray, Thomas, duplex quarter repeat  439
Breguet
  gold quarter repeating ruby cylinder, No 1672  619
  No 1270  68
  No 3402  83
Breguet, Abraham Louis
  developments by  210, 211, 215, 218
  lever watch of 1828  217, 218
  Montre à tact, No 3987  275
  No 4020  433
  perpetuelle No 15 of 1787  215
  ruby cylinder repeater  216
  self-winding, No 2781  433
Brockbank, John, London, no 726, letter by Lloyd Brown  89
Buckingham, Joseph  83
Bull, Edmund, of London  62
Bunyan & Gardner, Salford, No 600  426
Bushman, of London  64, 65
Buz, Johannes, of Augsburg  61, 62
Chamberlin, T , of Chelmsford  61, 63
Champion, John, London  69
Constantin, Geneva  68
Crow, Francis, Faversham, verge pair case  419
Cummins, Thomas and Charles, lever  218, 219
Cummins, Thomas, No 61/82  83
de Salle, Rouen, "Barrow" regulator  480, 482
Dent 8 day deck No 25149  254
Dent, E J , keyless lever No 1520  220, 221
Derchinger, Joseph / Markwick Markham Perigal  83
Dickenson, W , London, No 129  427
Dickie, Andrew, Edinburgh
  cylinder  594, 595, 618
  repeating verge  597
Dickie, Andrew, Edinburgh, repeating verge  593, 594
Ditisheim, Paul, Chaux de Fonds, vernier seconds, No 14978  619
Earnshaw, Thomas
  No 4585  618
  No 4775  427
  No 4884  83
  No 589  241
East, Edward, coach watch  73
East, Edward, of London
  clock watch  83
Ellicott
  No 3719  70
  No 6154  71
  No 7945  69
Emery, Josiah, lever of 1785  210, 213
Ester, Henry, Geneva, form  66
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Favre, Henry, London, No 07820 also 10124, letter by B C  638
Frodsham, Charles, No 07820 also 10124, letter by B C  638
Frodsham, Charles, number 02631  59
Frodsham, tourbillon  446
Geilsheiln, Smod, straight line hog’s bristle  480
Gimblet Jno & Vale, Birmingham, No 2222, stolen  519
Girard, London, Chinese duplex  619
Goode, Charles, six hour dial, stolen  84
Goodhall, Wm, of London, No 164, stolen  519
Goullons, of Paris  65, 66
Graham, George, No 6372  59
Grendon, Henry, of London  62, 64
Grignon A Paris, No 1090  83
H G (Hans Gruber?)  61
Hagen, Johan Georg, Neus, clock watch  83
Hancock, London, duplex quarter repeat, No 14480  427
Hare, Alexander, No 1654  522
Harper, T, London  309
Hill, Benjamin, of London  62, 63
Hoquet, Paris  512
Houlgatt, W, of Ipswich  61, 62
Hubert, Francois, Rouen  83
Hukin, G H, Tenterden, stolen  519
Huon, Jacques, of Paris  65
Illinois Watch Co, No 4227169  618
Johnson, M, London  309
Johnson, Thomas, Richmond  70
Jolly, I, Paris, oignon  309
Jones, R, Liverpool, minute repeating free sprung lever  427
Kellie, John, Liverpool, movement 88/86619, letter  634
Kidson, William, York, alarm, c 1600  422, 424
Kilburn, Richard, Liverpool, letter by Lloyd Brown  89
King, Henry, Lincoln’s Inn  69
Knight, John, Coggeshall, No 14836  619
Le Roy et Fils, Paris, quarter repeating cylinder, No 11050  619
Le Roy, Julien, of Paris  67, 68
Lemaindre, Nicholas, of Blois, coach watch  74
Lepine calibre  210, 214, 15, 219
Lepine, repeating duplex  214, 215
Lund & Blockley, No 2/974  619
Machatik, Jos, Tabor  69
Markwick, James, unusual dial  64
Martineau, Baltazar  83
Massy, Nicolas, Blois  83
Molyneux & Sons, No 1220  89, 90
Molyneux, Robert, chronometer, No 2220  313
Moore, T, London, No 4265  428
Moulinié, Geneva  68
Mudge and Dutton, cylinder escapement  206, 207
Mudge & Dutton, No 882  59
Mudge, remontoire  206
Mudge, T, London, cylinder No 141  618
Mudge, Thomas, No 242  83
Nicoll, W, Jnr, London, movement, Savage 2-pin lever, No 1049  427
Norton, Eardley, London, cylinder, No 50057  619
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Parkinson & Frodsham, London, minute repeating grande sonnerie No 7269  618vii
Pascal, Claude, of The Hague  64, 65vii
Patron, Jean Louis No 9904, stolen  519vii
Paxton, John, St Neots, No 7738  619vii
Perlais, Francis  83vii
rubby cylinder with spiral compensation curb c 1785  211, 212vii
Perretet, Abraham Louis, , self-winding  211vii
Prior, George, Turkish market, coach watch  72vii
Pybus, W , London, double dial  309vii
Quare, Daniel, London, No 3384  83vii
Quare, Daniel, verge, quarter repeat, No 657  427vii
Quash, Joseph  64vii
Ramsay, David  61, 62vii
Reith, James, Versailles, clock-watch  68, 69vii
Riccorde, Richard, London  367vii
Richards, J , London, gilt repousse  428vii
Rodgers, Isaac, of London 1579, stolen  519vii
Roskell, R , Liverpool, quarter repeating, No 7695  619vii
Roskell, Robert, Liverpoolvii
No 10031  83vii
quarter repeating, No 73503  619vii
Rossell & Fils, Genève, gold pocket minute repeating keyless lever No 84269  473vii
Seney, G , of Rouen  65, 66vii
Smith and Asprey  71vii
Smith, S & Sons, karrusel, No 170 20  619vii
Staplin, London  83vii
Stokeld, Jno, Lincoln  316vii
Terold, Henry, of Ipswich  61, 63vii
Thorne, John, London, duplex No 2378  619vii
Tight, George, unusual dial, No 1073  427vii
Tompion, Thomasvii
No 311, stolen  519vii
No 3986, calendar  314, 315vii
No 4372  83vii
Tregent, James, London  69vii
Truitt and Mourier, Geneva  69vii
Upjohn, James, London  70vii
Verlinden, Jne, à Gand, Sully's escapement  441vii
Viner, London, patent 268  83vii
Vissagh, Peter  64vii
Vulliamy, No aaia  83vii
Whitaker, Camberwell  70vii
Yates, Thomas, of Preston No 6549, 10, 000 train  522vii
Young, Wm, Harrogate, No 558, stolen  519vii

Watch keyvii
Harlow, Samuel Boulton, patent  483vii
tipsy  410vii
Watch, pedometer, Spencer and Perkins, Snow Hill, London,  83vii
Watch, self-winding, Breguet, Abraham, Louis, No 2781  433vii
Watch, the pocket, 1750 to 1850, a review, by Cecil Clutton  206, 221vii
The Watches of the Victoria and Albert Museum, by Dr F A B Ward  61, 74vii
Watches prior to 1750, a review, by F Wadsworth  180, 183vii
Watches, their History, Decoration, and Mechanism, Baillie, G H , reviewed,  610, 612vii
Watchmaking tools, interest in  181vii
Watchman's Clock, The Nineteenth Century, by Dr A A L Thomas,  496, 503vii
Water clockvii
Chang Ssu Hsun  604, 605vii
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

medieval monastic  607, 608

The 13th century "King Hezekiah"  488, 494

note by John Combridge  608

Waters, D W , and H Quill, Within these four walls, film,  74

Waters, Ivor, Chepstow Clock and Watch Makers, reviewed by B L ,  160

Watson, E

Richard of Wallingford clock, Northern Section lecture  621, 622

Turret Clock Group lecture  622

The St Alban's Clock  345, 372, 384, 549, 576, 584

Watson, London, telescope,  12

Watson, Samuel, London, longcase clock, marquetry,  460

Watton

Stone clock, letter by J T H  230

Webster, Madge, Punch marks on ivory diptych dials, paper,  403

Webster, Percy

  described in review by C Clutton  610, 611

  note by F A Mercer  608

  possible buyer at Dunn auction  425

Webster, William, Exchange Alley, walnut bracket clock,  558

Weeks of Coventry Street, balloon clock, stolen,  84

Weeks, J, Tichborne Street, clock and barrel organ,  512

Weishaubt, Frantz, balance, dual pirouette,  364

Welsh, R , Dalkeith, longcase clock, mahogany,  538

West End Watch Co , minute repeating calendar chronograph,  659

Westminster Abbey, The Clocks of, Lawrence E Tanner, C V O ,  508, 509

Westminster clock ("Big Ben")

  accuracy of  285, 286

  delay of sound of  285, 286

Whatmoor, P H , burning clocks, letter,  417

Wheeler, Thos, lantern clock,  427

Wheeler, William H , collection, Geilsheiln, Smod, straight line hog's bristle watch,  480

Whitaker, Camberwell, watch,  70

White, T , lantern clock, tic-tac,  619

Whitehurst, engine time clocks,  194

Whitehurst, Derby

  longcase clock  427

  repeating bracket clock  193

Whitehurst, John watchman's clock  496, 501

Why Barrow?, by Cecil Clutton,  480, 482

Wilkes & Son, Whittall Street Birmingham, dial maker, price list  199, 200

Wilkes, W W , Accuracy in Repeating Work,  603

William Kidson Atte York, K S , letter,  422, 424

Williams, Jno, London, bracket clock, mahogany repeating,  428

Willis Collection, Basingstoke

  visit by Turret Clock Group  514, 515, 628

Wilson, Birmingham

  dial  419

  japanned dials  198, 199

Wimble, John, of Ashford  319

Windmills & Elkins, London, longcase clock, walnut,  618

Windmills, Joseph, London

  bracket clock  510

  longcase clock, marquetry  459, 471

  longcase clock, month walnut  272

Winnerl, marine chronometer No 315,  664

Wireless, time signalling by,  287, 288
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

- longcase clock, marquetry 363
- wall clock, chiming walnut 427
- Within these four walls, film by D W Waters, and H Quill 74
- Wood, Robert, London, musical bracket clock, 309
- Woodall, Thomas, Painswick, tavern clock, lacquer, 1766, 464
- Wrist watch, first, for Santos Dumont, by Cartier 414
- Wuppertal, Uhren Museum 225
- Wyke, John, Catalogue of Tools for Watch and Clock Makers, 431

Y
- Yates, Thomas, of Preston, watch No 6549, 10, 000 train, 522
- Year clock see long duration, year
- Yonge, G & W, London, lancet clock, 309
- Yor 392
- York, Court of Aldermen 422
- Young, Wm, Harrogate, watch No 558, stolen, 519

Z
- Zahm, G M, watch, 393
# ANTQUARIAN HOROLOGY

AND THE PROCEEDINGS OF

THE ANTIQUARIAN HORELOGICAL SOCIETY

VOLUME XII

December 1979 to June 1981

THE ANTIQUARIAN HORELOGICAL SOCIETY

LONDON

MCMLXXXI

## PAGINATION OF THE JOURNAL

<table>
<thead>
<tr>
<th>Issue No.</th>
<th>Published</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>SPRING 1980</td>
<td>1-124</td>
</tr>
<tr>
<td>TWO</td>
<td>SUMMER 1980</td>
<td>125-236</td>
</tr>
<tr>
<td>THREE</td>
<td>AUTUMN 1980</td>
<td>237-356</td>
</tr>
<tr>
<td>FOUR</td>
<td>WINTER 1980</td>
<td>357-476</td>
</tr>
<tr>
<td>FIVE</td>
<td>SPRING 1981</td>
<td>477-580</td>
</tr>
<tr>
<td>SIX</td>
<td>JUNE 1981</td>
<td>581-692</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>693-700</td>
</tr>
</tbody>
</table>
THE ANTIQUARIAN HOROLOGICAL SOCIETY

Officers and Members of the Council and Committees
as at 30th September, 1978

President: THE RT. HON. THE LORD HARRIS, C.B.E., M.C., J.P.

Vice-Presidents: C. CLUTTON, C.B.E.

Chairman: C. B. DROVER

Vice Chairman: C. D. BELCHER

Secretary: COMMANDER G. CLARKE, F.C.I.S.

Technical Enquiry Officer: J. H. F. WADSWORTH Deputy Secretary: E. P. WILSON

Editor, Antiquarian Horology: DR. J. PLOWMAN Advertising Agent: J. ARTHUR COOK

Council
C. B. DROVER (Chairman), C. K. AKED, C. D. BELCHER, E. F. BUNT (Librarian), P. G. DAWSON,
COMMANDER H. D. F. NETTELL, T. O. ROBINSON, E. W. TAYLOR, A. A. TREHERNE.


PUBLICATIONS COMMITTEE
Chairman and Secretary: C. K. AKED. Members: DR. F. G. A. SHENTON, MRS. R. K. SHENTON.

LIBRARY COMMITTEE
Chairman: E. F. BUNT. Members: C. K. AKED, E. J. TYLER.

NORTHERN SECTION
Chairman: J. B. POLDING. Hon. Secretary: N. HARVEY. Hon. Treasurer: R. GRAINGER

Irish SECTION
Chairman: C. HEALY
Hon. Secretary and Treasurer: W. G. STUART

AMERICAN SECTION
President and Hon. Secretary: GEORGE C. KENNEY II Treasurer: M. RIMLER
London Liaison Officer: N. LANGMAID

ELECTRICAL HOROLOGY GROUP
Chairman: DR. F. G. A. SHENTON Hon. Secretary: A. MITCHELL
Hon. Treasurer: DR. D. VAUGHAN

TURRET CLOCK GROUP
Chairman: T. O. ROBINSON. Vice Chairman: B. HUTCHINSON. Hon. Secretary: D. F. NETTELL.

CLOCK RESTORATION GROUP
Chairman: C. K. AKED. Hon. Secretary: E. W. TAYLOR. Hon. Treasurer: MRS. J. TAYLOR.

Technical Consultant: B. HUTCHINSON.

New House, High Street, Ticehurst, Wadhurst, Sussex, TN5 7AL
Tel.: 0580 200155903

A

Aked, Charles*V12

AHS Tour-1980- Holland (635-652) 635*V12

book reviews 37, 206, 552*V12

Electrical Horology Group, First Ten Years of, lecture 548*V12

Electrical Horology, lecture 548*V12

monographs on Spanish horology proposed 87*V12

The Tower of the Winds, lecture 84*V12

Alarm*V12

anonymous table clock 266*V12

Dunlop, Conyers, bracket clock 484*V12

Grimalde & Johnson, bracket clock 359*V12

Hanet of Paris, watch 44*V12

Hilderson, John, bracket clock 93*V12

King Hezekiah , water clock (160-164) 160*V12

Norton, Eardley, bracket clock 478*V12

Picard, J., carriage clock 140*V12

Thwaites, Ayensworth, bracket clock 130*V12

Vulliamy, Benjamin Lewis, mantel clock 587*V12

Aldridge, Edward longcase clock 159*V12

Aldridge, Edward, of Deal by M. D. J. Ward (158-9) 158*V12

Aldworth, Samuel watch No. 215 541*V12

Allen, James, bracket clock, stolen 207*V12

Allix, Charles*V12

Mudge Milestones, Watch Dates (627-634) 627*V12

Sully, Verlinden and Others (428-434) 428*V12

Antiquarian Horological Society*V12

administration (387-388) 387*V12

AGM, 1980 157*V12

Electrical Horology Group AGM, 1980 548*V12

Electrical Horology Group, first ten years 548*V12

journal, production (388-391) 388*V12

Northern Section AGM, 1981 550*V12

Northern Section, AGM 1980 83*V12

Tour-1980-Holland by Charles Aked (635-652) 635*V12

Archibald, James & Lee, Charles, British Clocks, reviewed 406*V12

Arnold & Dent carriage clock, ebony 244*V12

Arnold & Son chronometer No. 49 187*V12

Arnold, J. R. mantel clock No. 619, detent escapement 92*V12

Arnold, John chronometer No.10 187*V12

Arnold, John Roger keyless watches, hand setting 667*V12

Ashley, Edward carriage clock, detent escapement 149*V12

Ashton, Thomas musical longcase clock 247*V12

Aspinall, Thomas watch 316

Asselin, Stephen bracket clock 552*V12

Astrolabe kit, reviewed 90*V12

Astronomical clock*V12

anonymous, wall clock 254*V12

Cockey, Edward, longcase 500*V12

Ferguson, James 541*V12

Gandy of Cockermouth 247*V12

Lloyd, Phillip 541, 597*V12

Richard of Wallingford 313*V12

Schaufel, Veyt 599*V12

Astronomical watch Margetts, George 579*V12

ATO Electric Clock lecture by John D. Locke 183, 660*V12
Aubry, Irenee watch, 40-day (452-453)
Audemars Freres watch
Automaton
De Vries, Jan, longcase
Haanstra, B., staartklok
Kratz, Michael, lion clock
Mionet, mantel clock
Aylward, John longcase clock
Badollet of Paris, watch
Baetens of Soho
Bain, Alexander
Bainbridge of Dublin, watch, stolen
Baitson ?, J. bracket clock, stolen
Baker of Appleby longcase clock
Baker, Henry, wall clock
Balance
Bale, Thomas watch No. 212
Barber, Jonas Clockmaker of Winster by B. W. Cave-Brown-Cave, reviewed
Barbier of Paris bracket clock
Barclay, James watch movement for clock case
Barker of Wigan, longcase
Barnett, John loncase clock
Barraud of Cornhill watch No. 3690
Barraud family
Barraud of London mantel clock No. 997
Barrel fixed, watch
Barrel, going introduced by John Fromanteel
Barrel, twin advantages of
Barrow mistaken for Barraud ?, letter
Barrow, Nathaniel watch(95-96)
Barrow, Why, by Cecil Clutton, correction
Barwise
marine chronometer No. 6291
watch No. 4717
Barwise of London travelling clock
Bateon of Beverly bracket clock, stolen
Batteries for Clocks and Watches, lecture by D. Vaughan
Batterson, Henry longcase clock
Beesley, John, watch
Beets, Robert longcase clock, musical
Belcher, C. D. reports

Bells, Church, The Production of, lecture by Douglas Hughes
Benbow of London bracket timepiece
Bere Regis turret clock
Berthoud carriage clock
Berthoud, Ferdinand mantel regulator
Betts, Jonathan restoration study
Bill, S. W. watch, Westfield's patent
Bishop of Fetter Lane coach watch
Bittleston, J. watch
Blackwell, W. watch movement
Blaylock, John, chronometer, stolen
Bloud, Charles portable sundial
Bond, William & Son regulator No. 394

Booth, George, Aberdeen c. 1800 by Felix Hudson (78-81)

Boyce See Mew & Boyce
Bracket clock
Allen, James, stolen
anonymous
anonymous, timepiece
Asselin, Stephen
automaton
Baitson [?], Thomas, stolen
Barbier of Paris
Barraud & Lund
Bateson of Beverly, stolen
Benbow of London
Booth, George (78-81)
Bradley of London, stolen
Bradley, Langley
Bramer, William
Bull, William
Chalk, James, stolen
Chinese
Clark, J.
Clarke, George
Clarkson, Henry
Cox, James
DeCharmes, Simon
Delander, Daniel
Desbois & Wheeler, stolen
Dunlop, Conyers
Dwerrihouse, John
East, Edward
Ellicott, John
Ellis, H.
Emery, Josiah (197-200)
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Ethereington of London 21$\text{V}^{12}$
Fish, Henry 144$\text{V}^{12}$
Flasham, George, stolen 207$\text{V}^{12}$
Fomanteel, Ahasuerus, stolen 446$\text{V}^{12}$
Fromanteel, Ahasuerus, stolen 325$\text{V}^{12}$
Gerard, John 246$\text{V}^{12}$
Gould, Christopher, grande sonnerie 107$\text{V}^{12}$
Gout, Ralph, No. 178, stolen 446$\text{V}^{12}$
Graham, George 259$\text{V}^{12}$
Grant, John 9$\text{V}^{12}$
Gravel & Son 116$\text{V}^{12}$
Gray, Benjamin & Vulliamy, Justin 485$\text{V}^{12}$
Grignion, Daniel & Thomas 325$\text{V}^{12}$
Grimalde & Johnson 239, 359$\text{V}^{12}$
Haley, C., stolen 91$\text{V}^{12}$
Hilderson, John 93$\text{V}^{12}$
Holmes, R. 325$\text{V}^{12}$
Hughes, William 3$\text{V}^{12}$
Jones, Henry, stolen 207$\text{V}^{12}$
Jump of London 146$\text{V}^{12}$
King, Matthew (330-331) 330$\text{V}^{12}$
Knibb, John 134$\text{V}^{12}$
Knibb, John, stolen 325, 447$\text{V}^{12}$
Knibb, Joseph 92, 234, 248, 386, 486$\text{V}^{12}$
Knibb, Joseph, timepiece 16$\text{V}^{12}$
Kotl of Vienna 552$\text{V}^{12}$
Lowndes, Jonathan 92$\text{V}^{12}$
Mann & Son of Norwich 551$\text{V}^{12}$
Mann, Percival 9$\text{V}^{12}$
McCabe, James 92$\text{V}^{12}$
McCabe, James, No. 1759 325$\text{V}^{12}$
Monkhouse, John 316$\text{V}^{12}$
Monkhouse, Thomas 131$\text{V}^{12}$
Moore, Edward 316$\text{V}^{12}$
Morrison, George 551$\text{V}^{12}$
Mudge & Dutton 261$\text{V}^{12}$
Murray, James 602$\text{V}^{12}$
Norton, Eardley 478, 640$\text{V}^{12}$
Potter, Harry, musical 20$\text{V}^{12}$
Puller, Jonathan 551$\text{V}^{12}$
Quare, Daniel 502$\text{V}^{12}$
Quare, Daniel, No. 42 321$\text{V}^{12}$
Quare, Daniel, stolen 553$\text{V}^{12}$
Sands, J. 316$\text{V}^{12}$
Savory, T. Cox 551$\text{V}^{12}$
Smith of the Strand, stolen 207$\text{V}^{12}$
Smith, Joseph 115$\text{V}^{12}$
Smith, Wm, stolen 207$\text{V}^{12}$
Speakman, Edward 467$\text{V}^{12}$
Stevens of Cirencester, stolen 207$\text{V}^{12}$
Sterley, Francis 236$\text{V}^{12}$
Thuret, Isaac 552$\text{V}^{12}$
Thwaites, Aynesworth 130$\text{V}^{12}$
Tomlin, E., stolen 91$\text{V}^{12}$
Tompion & Banger 591$\text{V}^{12}$
Tompion, Thomas, No. 18 325$\text{V}^{12}$
Tompion, Tomas, No. 116 92$\text{V}^{12}$
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Tregent, James 239, 662v12
van Ceulen, Johannes 644v12
Vernon of Vallanvron 10v12
Vulliamy, No. 634 685v12
Watson, Samuel 265v12
Webster, William 7v12
Willcox XE “Lunar indication: Jump of London, bracket clock” , John 146v12
Windmills, Joseph 225v12
Wolfall, William 24v12
Bradley of London bracket clock, stolen 553v12
Bradley, Henry, longcase clock 96v12
Bradshaw & Ryley watch No. 986 551v12
Bram, William bracket clock 636v12
Breguet watch No. 2647 552v12
Breguet et Fils v12
- mantel calendar clock 480v12
- watch, souscription 384v12
Breguet of Paris v12
- watch No. 351 670v12
- watch, perpetuelle 368v12
Breguet, Neveu et Cie marine chronometer No.5055 124v12
Briet, C. P. letter, Andreas Hohwu 439v12
British Clocks by James Archibald & Charles Lee, reviewed 406v12
Brockbank & Atkins watch 316v12
Brotoc, Achille mantel clock 189, 596v12
Brown, Joyce, Mathematical Instrument Makers in the Grocers’ Company 1688-1800, reviewed 304v12
Brulefer, John longcase clock 483v12
Brun, E. The History of Clocks and Watches, reviewed 406v12
Bryant, John turret clock 316v12
Bull, William bracket clock, musical automaton 551v12
Bullock, Richard longcase clock 670v12
Burgi and the Pendulum Controlled Escapement by M. J. L. Kesteven (441-442) 441v12
Buschman, Hans table clock 139v12
Butler, Edward longcase clock 552v12
C
C. N. P., letter, Liverpool watches (97-98) 97v12
Calendar v12
- Breguet et Fils, mantel clock 480v12
- Dutch, longcase clock 649v12
- Lepine of Paris, watch 379v12
Calendar, perpetual v12
- Brocot, Achille, mantel clock 596v12
- Brocot, Archille, mantel clock 189v12
- Knip, Gerrit, longcase clock 636v12
- Camberwell turret clock 657v12
- Campich, H. A, electric clock 147v12
Carillon clock v12
- Vabrie, Heinrick 637v12
- Van Call, Jan 648v12
Carriage clock v12
- Arnold & Dent 244v12
- Ashley, Edward 149v12
Bertouh 241v12
Brocot, Archille 239v12
Dent, E. J. 583v12
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Drocourt 250V12
Drocourt of Paris 243V12
Garnier, Paul 242V12
grande sonnerie 142V12
Jacot 250V12
Jacot, Henri 239V12
Japy Freres 251V12
Margaine 250V12
McCabe, James 132V12
McCabe, James, No. 1795 479V12
McCabe, James, No. 2831 12V12
Parkinson & Frodsham 589V12
Picard J. 140V12
Viner of London 381V12
Vulliamy, Benjamin Lewis 133V12
Carter, W. longcase clock 92V12
Cave-Brown-Cave, B. W., Jonas Barber Clockmaker of Winster, reviewed 37V12
Chalk, James, bracket clock, stolen 207V12
Chambers, James, watch 97V12
Chapiro, Adolphe, Louis XIV 'Oignons' (38-51) 38V12
Chick, N. K. letter, Dutton, Mudge, Kingdom 440V12
Chiming, quarter V12
anonymous, longcase 499V12
Fish, Henry, bracket clock 144V12
Gerard, John, bracket clock 246V12
Chinese horary system 530V12

Chinese Steelyard Clepsydras by John H. Combridge (530-535) 530V12

Chronometer V12
Blaylock, John, stolen 91V12
Parkes, J. & Sons, No.11048 92V12
Poole, John, No. 1366 92V12
Woolf, Lewis, No. 5235 92V12

Chronometer Escapements by R. Matthews (170-171) 170V12

Chronometer Manufacturing, The Rise and Decline of, by Alun C. Davies (285-299) 285V12

Chronometer production V12
demand and supply, 1790-1820 287V12
demand, 1820-1840 289V12
demand, after 1840 291V12
end of the industry 296V12
method 293V12

Chronometer, marine V12
Arnold & Son No. 49 187V12
Arnold, John, No. 10 187V12
Barwise, No. 6291 521V12
Breguet, Neveu et Cie, No.5055 124V12
Crisp 457V12
Ditisheim 293V12
Earnshaw, No. 245 289V12
Earnshaw, Thomas 570V12
Hatton & Harris 316V12
Hohwu, Andreas 439V12
Kelvin, White & Hutton 570V12
Kulberg 293V12
Kulberg No. 4070 294V12
Kulberg No. 4070 295V12
Letherland? 457V12
Margetts 111V12
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

McGregor & Co. 570V12
Mercer, Thomas 552, 570V12
Molyneux, Robert 333, 570V12
Molyneux, Robert, No. 2419 170V12
Nardin, Ulysse 570V12
Pennington, No. 130/596 522V12
Pennington, No. 426 519, 521V12
Pickman, William, No. 3165 520V12
Roskell, Robert 552V12
Shearer, James, No. 450 351V12

Chronometer, pocket 187V12
anonymous tourbillon 108V12
Breguet, No. 1847 (70-77) 70V12
Cooper of Colchester 457V12
Hammersley, J. 260V12
Hardy, William 233V12
Nardin, Ulysse 670V12
Parkinson & Frodsham 552V12

Clerkenwell Clock Factory, Visit to a, from The Illustrated London News (274-280) 274V12
Clerkenwell, Development of the Clock and Watch Trade in, lecture by C. Ellmers 549V12
Clifton, John, watch 97V12
Clifton, William watch movement 604V12
Clock-case makers Smith, J. & Sons 278V12
Clockmakers’, Worshipful Company of 4V12
Clocks and Watches, History of, by E. Bruton, reviewed 406V12
Clocks, Early English, the Dating of, by C.N Ponsford & J. G. M. Scott (52-69) 52V12
Clocks, Public in Europe lecture by Albert Odmark 437V12
Clock-watch see Striking watchV12
Closon, Peter wall clock 635V12
Clutton, CecilV12
Clocks and Bells [church] by D. F. Nettell 435V12
ClockmakingV12
division of labour 274V12
Italy, 15th century 172V12
workshops, Clerkenwell 550V12
Clock, William, No. 3165 520V12
Clarke, GeorgeV12
bracket clock 92V12
bracket clock, musical 373V12
watch movement for clock case 606V12
Clarke, R. longcase clock 325V12
Clarkson, Henry bracket clock 108V12
Clement, William longcase clock 494V12
Clocks, Public in Europe lecture by Albert Odmark 437V12
Coach clock Dent of London 351V12
Coach watchV12
anonymous 464V12
Bishop of Fetter Lane 316
Cockey, Edward astronomical longcase clock 500
Cole of London watch, sidereal, lunar 92
Cole, Thomas desk clock 692
desk clock No. 1805 551
Coliot of Paris mantel clock, stolen 449
Collection Tempus Fugit, monographs on Spanish horology proposed 87
Comber, Richard longcase clock 578
Combridge, J. H. The 13th Century 'King Hezekiah' Water Clock 300
Combridge, John H. Chinese Steelyard Clepsydras (530-535) 530
Cooke, John longcase clock 474
Cooper of Colchester, pocket chronometer 457
Cope & Molyneux regulator (524-527) 524
Cope & Molyneux, Gravity Clock by Terence Camerer Cuss (524-527) 524
Coster, Salamon clocks made by John Fromanteel 615
Coster-Fromanteel contract 195
Cotehele, Cornwall, turret clock 53
Cottage clock 581, 607
Cotney, Abell lantern clock 109
Cowell, John, longcase clock 15
Cox, James bracket clock, musical automaton 551
Cranbrook turret clock 657
Crisp, marine chronometer 457
Crofts, Thomas longcase clock 378
Crom, Theodore Horological Shop Tools, lecture 655
Crosthwaiite, Jno regulator 436
Cuckoo Clock, the Black Forest, by Karl Kochman. reviewed 37
Cumming, George longcase clock dial 401
Cummins, Thomas watch No. 14=26 92
Cundilffe of Frazer Street musical time-beater 201
Cuss, T. A. Camerer review 88
Cuss, Terence Camerer Gravity Clock by Cope & Molyneux (524-527) 524
Daniels, George elected Master of the Clockmakers' Company 29
portrait 28
Tompion Medal, award 663
Davenport of Macclesfield, nocturnal 98
Davies, Alun C. book reviews 303, 304, 315
Davis, W. H. longcase clock 551
Dawson, Percy G. Percy Webster (175-177) reviews 88
Verge Watch Movements, in Wood Cases (604-608) 604
Dawson, Stewart & Co., watch 97
De Carle, Donald Lathe, Watchmakers and How to Use it, reviewed 552
De Luvate, barometer 119
De Rijp church turret clock 636
De Salle of Caen, watch with fixed barrel 45, 46
De Vries, Jan longcase clock, automaton 636
Cumming, George longcase clock dial 401
Cummins, Thomas watch No. 14=26 92
Cundilffe of Frazer Street musical time-beater 201
Cuss, T. A. Camerer review 88
Cuss, Terence Camerer Gravity Clock by Cope & Molyneux (524-527) 524
Daniels, George elected Master of the Clockmakers' Company 29
portrait 28
Tompion Medal, award 663
Davenport of Macclesfield, nocturnal 98
Davies, Alun C. book reviews 303, 304, 315
Davis, W. H. longcase clock 551
Dawson, Percy G. Percy Webster (175-177) reviews 88
Verge Watch Movements, in Wood Cases (604-608) 604
Dawson, Stewart & Co., watch 97
De Carle, Donald Lathe, Watchmakers and How to Use it, reviewed 552
De Luvate, barometer 119
De Rijp church turret clock 636
De Salle of Caen, watch with fixed barrel 45, 46
De Vries, Jan longcase clock, automaton 636
DeCharmes, Simon bracket clock, musical 361V12
Delander, Daniel\(^\text{V12}\)
- bracket clock 26, 252V12
- longcase clock 463, 574V12
- watch, stolen 447V12
Demelais, Eleaszar watch 498V12
Denison, Edmund Beckett See Grimthorpe\(^\text{V12}\)
Dent\(^\text{V12}\)
- mantel clock No. 479 588V12
- turret clock 318V12
Dent of London\(^\text{V12}\)
- coach clock 351V12
- regulator, gravity escapement 93V12
- wall regulator 246V12
Dent, E. J.\(^\text{V12}\)
- carriage clock 583V12
- turret clock 657V12
Dent, F.\(^\text{V12}\)
- turret clock 657V12
Dent, G. 30-hour longcase clock 214V12
Desbois & Wheeler bracket clock, stolen 553V12
Desk clock\(^\text{V12}\)
Cole, Thomas 551, 692V12
Hunt & Roskell 683V12
Deykin, Henry longcase clock 551V12
Dial\(^\text{V12}\)
Cumming, George, longcase dial 401V12
Dickie, Alexander, longcase dial 395V12
Dickie, William, longcase dial 403V12
Dobbie, John, longcase dial 404V12
enamel, clock 661V12
Franklin 325V12
Laing, David, longcase dial 408V12
Macpherson, Normand, longcase dial 394V12
Millar, David, longcase dial 405V12
Munro, John, longcase dial 400V12
Murray, David, longcase dial 397V12
painted, restoration (270-273) 270V12
scenes on chapter ring 237V12
Turnbull, John, longcase dial 398V12
world time 636V12
Dial maker Symes, Richard 126V12
Dials, Mid-Scotland Engraved Longcase, by Felix Hudson (392-408) 392V12
Dickie, Alexander longcase clock dial 395V12
Dickie, William longcase clock dial 403V12
Disputes Between Master and Their Workmen by Graham Hodgetts (268-269) 268V12
Ditisheim marine chronometer 293V12
Dobbie, John longcase clock dial 404V12
Dobson, R. D. Huygen, the Secret in the Coster-Fromanteel 'Contract' the Thirty-Hour Clock (193-196) 193V12
Dorset Clock Society exhibition (653-655) 653V12
Dorset Clocks, lecture by P. H. Whatmoo 280V12
Douw, Simon maintaining power 625V12
Drake, R. longcase clock 653V12
Drew, John longcase clock 148V12
Drocourt carriage clock 250V12
Drocourt of Paris\(^\text{V12}\)
- carriage clock, No. 19698 243V12
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

carriage clock, No. 8831 243V12
Drover, C. B. The 13th Century `King Hezekiah' Water Clock (160-164) 160V12
Dryer, Samuel watch No. 191 541V12
Dunant of Berlin watch 39V12
Dunlop, C. watch No. 2905 325V12
Dunlop, D. H. reports 436V12
Dutton See Mudge & Dutton. See Mudge & Dutton family tree 440V12
Dutton, Matthew watches, dates and serial numbers (631-634) 631V12
Dwerrihouse, John bracket clock 467V12

E
Early English Clocks, A New Look at the Dating, by D. F. Nettell (301-303) 301V12
Earnshaw marine chronometer, No. 245 289V12
Earnshaw, T. numbering system (305-307) 305V12
Earnshaw, ThomasV12
   Pennington’s opinion 514V12
   pocket chronometer No. 3417 187V12
   regulator 436V12
   watch No. 2402 325V12
East, Edward bracket clock 494V12
Eastland, Thomas watch, striking 377V12
Ebworth, JohnV12
   longcase clock 356V12
   longcase clock movement 334V12
   winged lantern clock 187V12
Eclipses and the St Albans Clock by J. R. Milburn (313-314) 313V12
Eden of Liverpool longcase clock 552V12
Edwardes, Ernest L. Suspended Foliot, New Light on Early Pendulum Clocks (614-626) 614V12
Edwards, James, skeleton clock, stolen 207V12
Egli, Kurt J., Pocket Chronometer Movement No. 1847 by Breguet (70-77) Electric clockV12
   ATO 183, 660V12
   Bain, Alexander 325V12
   Bulle 184V12
   Campiche, H.A. 147V12
   Kerr?, Henry 491V12
   Murday, letter 305V12
   Reason 316V12
   Smiths English Clock Systems 558V12
   Trotter, Johnston Crawford 210V12
Electrical Horology lecture by Charles Aked 548V12
Ellis, H. bracket clock 92V12
Elliscott, JohnV12
   bracket clock 371V12
   musical clock 118V12
Ellmer, C. The Development of the Clock and Watch Trade in Clerkenwell lecture 549V12
Ellmers, Chris The Clock and Watch Tax, lecture 86V12
Emery, Joseph regulator 123V12
Emery, Josiah precision bracket clock (197-200) 197V12
Emery, Josiah, A Precision Clock by, by J. L. Evans (197-200) 197V12
Enamel Dials, letter Tony Theelke 661V12
Enamel watch case 106V12
Enamel Tregent, Anthony 662V12
Engraving, demonstration by D. G. Knowles 658V12
Equation indicationV12
   Barker of Wigan, longcase 316V12
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Bethoud, Ferdinand, mantel regulator 495V12
Brocot, Achille, mantel clock 189, 596V12
Eric Street Watch Stands (504-513) 504V12
Ernshaw, Thomas marine chronometer 570V12
Erste Sternwarte Europas mit ihren Instrumente und Uhren 400 Jahre Jost Burgi in Kassel by Ludolf von Mackensen, reviewed (204-205) 204V12

EscapementV12
chronometer, seconds beating 333V12
chronometer, seconds beating (170-171) 170V12
coup perdu 328, 451V12
dead-beat/pinwheel combination 79, 332V12
Emery's coup perdu (197-200) 197V12
Garnier, Paul, two-plane 242V12
gravity, 4-legged 246V12
gravity, double 3-legged 374, 657V12
gravity, Grimthorpe 183V12
gavity, Grimthorpe (178-182) 178V12
gavity, Grimthorpe, earliest 657V12
gavity, Grimthorpe, model 657V12
gavity, single 3-legged 657V12
gavity, single 4-legged 657V12
Horstmann, magnetic 438V12
Mudge, gravity (524-527) 524V12
tic-tac 248, 327, 455V12
virgule, double 379V12
Westfield patent 665V12

Etherington of London bracket clock 21V12
Etherington, GeorgeV12
watch No. 23 316V12
watch Nos 347, 603, 1040 541V12
Evans, J. L. A Precision Clock by Josiah Emery (197-200) 197V12
Everell, John watch No. 332 541V12
Exeter Cathedral, turret clock 55, 59V12
ExhibitionV12
Bulle electric clocks 184V12
Dorset Clock Society (653-655) 653V12
horological illustrations 488V12

F
F. S., letter, Henry Bradley, longcase clock 96V12
Fabian, Michael table clock 476V12
Farmer, G., tavern clock 92V12
Farrow, John regulator, striking 497V12
Ferguson, James astronomical clock 541V12
Finch, John, Martin Matthews Watch Case Maker (410-419) 410V12
Fitter, Thoson longcase clock 551V12
Fitter, Tomazon longcase clock 601V12
Flack, L., longcase movement, stolen 91V12
Flasham, George, bracket clock, stolen 207V12
FoliotV12
bifilar suspension 155, 454V12
gothic clocks superior to lantern clocks 614V12
unequal hours 155, 157V12
Foliot and the Natural Day, The by H. G. Hammond (154-157) 154V12
Foliot, Suspended, New Light on Early Pendulum Clocks by Ernest L. Edwards (614-626) 614V12
Ford, Thomas, lantern clock, 18-19 18V12
French Clocks lecture by Sarah Medlam 656V12
Frodsham watch, tourbillon 470V12
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Frodsham, Charles watch No. 09092 325V12

Fromanteel watch No. 1322 92V12

Fromanteel & Clarke 642V12

Fromanteel, Ahasuerus 325, 446V12

Fromanteel, Johannes longcase clock 368V12

Fromanteel, John clocks made for Salomon Coster 615V12

Coster-Fromanteel contract 195V12

introduced going-barrel 618V12

made earliest Haagse Klokjes 620V12

Froxfield Clock by P. A. Meecham & D. F. Nettell (281-284) 281V12

Furniture at Temple Newsam House and Lotherton Hall by Christopher Gilbert, reviewed 523V12

Fusee mainspring, effect of 669V12

shape defined (542-548) 542V12

Fusee, Further Fussing about the, by J. D. Weaver (542-548) 542V12

Gaille See V.A.P

Galloway of Leeds, watch-papers 213V12

Gandy of Cockermouth astronomical longcase clock 247V12

Garelle of Paris, marble clock, stolen 91V12

Garner, Paul carriage clock No. 1103 242V12

Garon, Peter carriage clock No. 970 242V12

Garon, Peter watch No. 1981 541V12

Garron, Peter, restoration of quarter-repeating longcase clock by, lecture by J. B. Polding 83V12

Gerard, John bracket clock 246V12

Gibbs, William longcase clock 325V12

Gilbert, Christopher, Furniture at Temple Newsam House and Lotherton Hall, reviewed 523V12

Gillespy, G. watch, No.446 92V12

Gillett & Johnston turret clock 318V12

Gillett, Charles Edward longcase clock 552V12

Gillows watch stands 668V12

Gilmour, T. longcase clock 325V12

Glassiues, E. H., Huygens, Coster and Fromanteel Some Secrets Remain (442-443) 442V12

Glasscock, Jno., musical clock 327V12

Gloria of Rouen striking watch with fixed barrel 51V12

Gout, Ralph bracket clock No. 178, stolen 229, 364, 482, 551V12

Gowland, G. H. & C., watch, minute repeat 446V12

Graham, George bracket clock 457V12

Gould, Christopher bracket clock, grande sonnerie 107V12

longcase clock 229, 364, 482, 551V12

Gout, Ralph bracket clock No. 178, stolen 446V12

Grant, John, bracket clock 9V12

Gravell & Son bracket clock 116V12

<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gray, Benjamin &amp; Vulliamy, Justin</td>
<td>485</td>
</tr>
<tr>
<td>Gregg, Francis</td>
<td>541</td>
</tr>
<tr>
<td>Gretton, Charles</td>
<td>129</td>
</tr>
<tr>
<td>Griibben, Edward watch No. 19377</td>
<td>551</td>
</tr>
<tr>
<td>Gribelin of Paris, watch with going barrel</td>
<td>42</td>
</tr>
<tr>
<td>Grignion, Daniel &amp; Thomas</td>
<td>325</td>
</tr>
<tr>
<td>Grignion, Thomas watch No. 1643</td>
<td>385</td>
</tr>
<tr>
<td>Grimalde &amp; Johnson</td>
<td>239, 359</td>
</tr>
<tr>
<td>Grimthorpe, Lord gravity escapement model</td>
<td>657</td>
</tr>
<tr>
<td>Grimthorpe's Fly, further Thoughts on</td>
<td>183</td>
</tr>
<tr>
<td>Grinkin, Robert table clock</td>
<td>347</td>
</tr>
<tr>
<td>Gruchy, Jean</td>
<td>551</td>
</tr>
<tr>
<td>Gschwind, Eugene</td>
<td>88</td>
</tr>
<tr>
<td>Guillebert of Rouen, watch with fixed barrel</td>
<td>47</td>
</tr>
<tr>
<td>Hadfield, Mr &amp; Mrs G. K., Replacement Parts for Antique Clocks, lecture</td>
<td>315</td>
</tr>
<tr>
<td>Haley, C., bracket clock, stolen</td>
<td>91</td>
</tr>
<tr>
<td>Hall, A. R., Robert Hooke Inventions and Claims, lecture</td>
<td>538</td>
</tr>
<tr>
<td>Hammersley, J., pocket chronometer</td>
<td>260</td>
</tr>
<tr>
<td>Hana, W. F. J., English Lantern Clocks, reviewed</td>
<td>88</td>
</tr>
<tr>
<td>Hand, John?, longcase clock</td>
<td>450</td>
</tr>
<tr>
<td>Hands, clock</td>
<td>443</td>
</tr>
<tr>
<td>Hands, watch setting, Prest's keyless</td>
<td>667</td>
</tr>
<tr>
<td>Hanet of Paris, alarm watch with going barrel</td>
<td>44</td>
</tr>
<tr>
<td>Hannah, J. reports</td>
<td>83, 550, 660</td>
</tr>
<tr>
<td>Harding, J., Musical clocks and their Repair, lecture</td>
<td>83</td>
</tr>
<tr>
<td>Hardy, William pocket chronometer No.606</td>
<td>233</td>
</tr>
<tr>
<td>Harvey John regulator</td>
<td>653</td>
</tr>
<tr>
<td>Haspels, J., Dutch Musical Clocks, lecture</td>
<td>656</td>
</tr>
<tr>
<td>Hatton &amp; Harris marine chronometer</td>
<td>316</td>
</tr>
<tr>
<td>Haward, Peter Richard of Wallington's Clock, Reconstruction, lecture</td>
<td>391</td>
</tr>
<tr>
<td>Hawkins, Ambrose</td>
<td>540</td>
</tr>
<tr>
<td>Hawkins, P. longcase clock</td>
<td>551</td>
</tr>
<tr>
<td>Hay, James regulator (140-141)</td>
<td>140</td>
</tr>
<tr>
<td>Head, James, longcase clock</td>
<td>450</td>
</tr>
<tr>
<td>Hebert (Hibbert), John</td>
<td>555</td>
</tr>
<tr>
<td>Heldman, Alan W., Further Thoughts on Grimthorpe's Fly</td>
<td>183</td>
</tr>
<tr>
<td>Herbert, Thomas watch, striking</td>
<td>552</td>
</tr>
<tr>
<td>Hewitt, Geo. longcase clock</td>
<td>92</td>
</tr>
<tr>
<td>Hicks, James, watch movement for sedan chair case</td>
<td>606</td>
</tr>
<tr>
<td>Higham, Thomas, longcase clock, stolen</td>
<td>207</td>
</tr>
<tr>
<td>Hilderson, John bracket, night and alarm clock</td>
<td>93</td>
</tr>
</tbody>
</table>
Hill, Matt, tavern clock 92
Hodgetts, Graham *Disputes Between Masters and Their Workmen* (268-269) 268
Hohwu, Andreas chronometer and regulator maker 439
Holmes, C. watch No. 121 551
Holmes, R. bracket clock 325
Hommet of Paris, watch 45
Hooke, Robert balance spring 539
*Hooke, Robert, Inventions and Claims*, lecture by A. R. Hall 538
Hope-Jones, F. quotation 331
Hooke, Robert balance spring 539
Horstmann Gear Group visit 438
Horstmann, Gustav regulator 438
Houton, Richard longcase clock 552
*How to Repair Antique Clocks*, by John Wilding, reviewed 206
Howard, Edward wall clock 207
Howard, William, longcase clock 91
Hubart, Etienne striking watch 92
Hudson, Felix

- George Booth, Aberdeen, c. 1800 (78-81) 78
- Hands [clock] (443-445) 443
- *Longcase Engraved Dials, Mid-Scotland* (392-408) 392
Hughes, Douglas, *Production of Church Bells*, lecture 438
Hughes, William, bracket clock 3
Hulse, Ralph, painted dial 270
Hunt & Roskell desk clock 683
Hunt, Eliz. longcase clock 327
Hutton

- See Kelvin, White & Hutton 442
Huygens maintaining power 195
Huygens, Christian balance spring 539
Huygens, plate-framed weight clock, did not invent 623
Huygens, *Coster and Fromanteel Some Secrets Remain* by E. H. Glasius (442-443) 442
Huygens, the Secret in the Coster-Fromanteel `Contract` the Thirty-Hour Clock by R. D. Dobson (193-196) 193

**I**
- Iden Collection 176
- Ilberry watch No. 6553 325
- Ivison, Jno., painted dial 273

**J**
- J. P. B., letter, Barrow mistaken for Barraud? 96
- Jacob, Michel, watch with going barrel 41
- Jacot carriage clock 250
- Jacot, Henri carriage clock 239
- Janzen, Antonie musical longcase clock 187

Japanese clock 92

- bell clock 92, 580
- lantern clock 10, 473
- pillar clock 92, 367
Japy Freres carriage clock, spring-detent escapement 251
Jenkins, James longcase clock, 1692 362
Johnson, Josh, rack lever watch 213
Jones, Henry, bracket clock, stolen 207
Jones, Henry, longcase clock 5
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Jones, R. watch movement for clock case 606\textsuperscript{V12}
Jump family information sought 523\textsuperscript{V12}
Jump of London\textsuperscript{V12}
  - bracket clock 146\textsuperscript{V12}
  - regulator, table 487\textsuperscript{V12}
  - table regulator 17\textsuperscript{V12}

*Jumping Seconds Mechanism of Pouzait, The Independent*, by Joachim Mauss (30-35) 30\textsuperscript{V12}

K
Karrusel Smith, E. & Son, stolen 91\textsuperscript{V12}
*Karrusels and Tourbillons*, lecture by Richard Good 86\textsuperscript{V12}
Kater, Henry, clock possibly used by 525\textsuperscript{V12}
Kelvin, White & Hutton marine chronometer 570\textsuperscript{V12}
Kemp, William watch No. 462 551\textsuperscript{V12}
Kerr?, Henry electric clock 491\textsuperscript{V12}
Kesteven, M. J. K. *Burgi and the Pendulum Controlled Escapement* (441-442) 441\textsuperscript{V12}
King, Matthew bracket clock (330-331) 330\textsuperscript{V12}
Kipling, William\textsuperscript{V12}
  - watch 682\textsuperscript{V12}
  - watch No. 69 541\textsuperscript{V12}
  - watch No. 88 541\textsuperscript{V12}
Klock, Pieter longcase clock 473\textsuperscript{V12}
Knebel, F. regulator, longcase 636\textsuperscript{V12}
Knibb longcase clock hands 540\textsuperscript{V12}
Knibb, John\textsuperscript{V12}
  - bracket clock 134\textsuperscript{V12}
  - bracket clock, stolen 325, 447\textsuperscript{V12}
Knibb, Joseph\textsuperscript{V12}
  - bracket clock 234, 386, 486\textsuperscript{V12}
  - bracket clock, Roman striking 248\textsuperscript{V12}
  - bracket timepiece 92\textsuperscript{V12}
  - bracket timepiece with cycloidal cheeks 16\textsuperscript{V12}
  - longcase clock 560, 595\textsuperscript{V12}
Knifton, Thomas lantern clock 560\textsuperscript{V12}
Knip, Gerrit longcase clock 636\textsuperscript{V12}
Knowles, D. G., engraving demonstration 658\textsuperscript{V12}
Kochman, Karl et al, *The Black Forest Cuckoo Clock*, reviewed 37\textsuperscript{V12}
Kotl of Vienna bracket clock 552\textsuperscript{V12}
Kratz, Michael, automaton lion clock 138\textsuperscript{V12}
Kulberg\textsuperscript{V12}
  - marine chronometer 293\textsuperscript{V12}
  - marine chronometer No. 4070 294, 295, 297\textsuperscript{V12}

L
Laing, David longcase clock dial 408\textsuperscript{V12}
Lamprey, John longcase clock, stolen 553\textsuperscript{V12}
*Lancaster County Legacy 225 Years of Timepieces*, reviewed 303\textsuperscript{V12}
Landes, David, *The Collapse of British Watch Supremacy in the 19th century*, lecture 84\textsuperscript{V12}
Langlois of Paris, alarm watch 40\textsuperscript{V12}
Lantern clock\textsuperscript{V12}
  - anonymous 354, 689\textsuperscript{V12}
  - Cottey, Abell 109\textsuperscript{V12}
  - Ebsworth, John 187\textsuperscript{V12}
  - Ford, Thomas, 18-19 18\textsuperscript{V12}
  - Japanese 10\textsuperscript{V12}
  - Knifton, Thomas 560\textsuperscript{V12}
  - Newton, George 423\textsuperscript{V12}
  - Phelps, John 671\textsuperscript{V12}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Quare, Daniel
Snow, John
Virgoe, Thos.
Lantern Clocks, English, by W. F. J. Hana, reviewed
Latham, John watch No. 7
Lathe
Holtzapffel, rose engine
rose engine
watch-case making
Lathe, Watchmakers and how to use it by Donald de Carle, reviewed
Le Blond l’aîne watch
Leader, Jno Andreas longcase clock
Lecture by
Aked, Charles
Electrical Horology
First Ten Years of the Electrical Horology Group
Crom, Theodore, Horological Shop Tools
Ellmers, C., The Development of the Clock and Watch Trade in Clerkenwell
Hadfield, Mr & Mrs G. K., Replacement Parts for Antique Clocks
Hall, A. R., Robert Hooke Inventions and Claims
Haspels, J., Dutch Musical Clocks
Haward, Peter, The Reconstruction of Richard of Wallington’s Clock
Locke, John D.
The ATO Electric Clock
Medlam, Sarah, French Clocks
Roberts, Kenneth, Woodworking Tool Trade (659-660)
Scott, J. G. M. & Ponsford, C. on Turret Clocks in Devonshire (184-185)
Watson, Eric, St Albans Clock
Lee, Charles
Legros of Paris watch
Lepaute table regulator
Lepine watch with jumping seconds
Lepine of Paris watch, repeating
Leroy, L., et Cie watch, self-winding
Letherland?, marine chronometer
Levy, Jonas, regulator
Leyden Boerhaave Museum
Libro de Reloges Solares by Pedro Roiz, reviewed
Linden, W. V. a. watch
Lister, Thomas
longcase clock
Litherland & Davies skeleton clock
Liverpool windows
Lloyd, Phillip astronomical clock
Locke, John D. The ATO Electric Clock, lecture
Long duration watch 40-day (452-453)
Longcase clock
Aldridge, Edward
anonymous
anonymous, enamel dial
anonymous, quarter chiming
Ashton, Thomas
Aylward, John
Baker of Appleby
Barker of Wigan
Barnett, John
Batterson, Henry 492^{V12}
Beets, Robert 551^{V12}
Bradley, Henry 96^{V12}
Brulefe, John 483^{V12}
Bullock, Richard 670^{V12}
Burchall of Warrington 316^{V12}
Butler, Edward 552^{V12}
Carter, W. 92^{V12}
Clare, Samuel 316^{V12}
Clare, Thomas 316^{V12}
Clarke, R. 325^{V12}
Clement, William 494^{V12}
Cockey, Edward 500^{V12}
Comber, Richard 578^{V12}
Cooke, John 474^{V12}
Cowell, John 15^{V12}
Crofts, Thomas 378^{V12}
Davis, W. H. 551^{V12}
De Vries, Jan 636^{V12}
Delander, Daniel 463, 574^{V12}
Dent, G. 214^{V12}
Deykin, Henry 551^{V12}
Drake, R. 653^{V12}
Drew, John 148^{V12}
Dutch, musical clock 646^{V12}
Ebsworth, John 356^{V12}
Ebsworth, John, movement 334^{V12}
Eden of Liverpool 552^{V12}
Fitter, Thoson 551^{V12}
Fitter, Tomazon 601^{V12}
Flack, J., movement stolen 91^{V12}
Fromanteel & Clarke 642^{V12}
Fromanteel, Ahasuerus 321^{V12}
Fromanteel, Johannes 368^{V12}
Gandy of Cockermouth 247^{V12}
Gibbs, William 325^{V12}
Gillett, Charles Edward 552^{V12}
Gilmour, T. 325^{V12}
Gould, Christopher 229, 364, 482, 551^{V12}
Gretton, Charles 129^{V12}
Gruchy, Jean 551^{V12}
Halliwell of Warrington 316^{V12}
Hampson, Robert 316^{V12}
Hand, John? 450^{V12}
Harrison, E. 316^{V12}
Hawkins, Ambrose, dial 332^{V12}
Hawkins, P. 551^{V12}
Head, James 450^{V12}
Hewitt, Geo. 92^{V12}
Higham, Thomas, stolen 207^{V12}
Hoevenaer, Anthonius 636^{V12}
Houton, Richard 552^{V12}
Howard, William 91^{V12}
Hunt, Eliz. 327^{V12}
Janzen, Anttonie, musical 187^{V12}
Jenkins, James 362^{V12}
Jones, Henry 5^{V12}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Klok, Pieter 473V12
Knibb, Joseph 560, 595V12
Knip, Gerrit 636V12
Lamprey, John, stolen 553V12
Leader, Jno Andreas 665V12
Lister, Thomas 552V12
Lister, Thomas, stolen 207V12
Lloyd, Phillip 597V12
May, John 319V12
Mitchell, John 653V12
Moore, Ed. 325V12
Nichals, Isaac 91V12
Nicklin, William 552V12
Norton, Eardley 135V12
Papavoine, Isaac 25V12
Parker, Daniel 471V12
Parr, William 670V12
Penistan, John 457V12
Perigal, Francis 84, 210V12
Peyton, Richard 490V12
Porthouse of Penrith 325V12
Prestige, Walter 551V12
Quare, Daniel 92, 258V12
Robson, William Jun. 552V12
Simcock of Warrington 316V12
Stansfield, M. 214V12
Stearn, J. 593V12
Stones of Lotherbury, stolen 207V12
Stubs, Thio 551V12
Stubs, Thomas 365V12
Thornborough, George 551V12
Thornton, Henry 592V12
Tomlinson, William 594V12
Tyler, George 363V12
Viet, Claude 472V12
Walsall, William 316V12
Wareham, John 137V12
Webster, William, stolen 553V12
White, George, stolen 207V12
Wragg, Houblon 669V12
Wyche, John, stolen 91V12

Long-duration, monthV12
Miller, M. & Son, Vienna regulator 375V12
Perigal, Francis 210V12
Pitt, E. C., regulator 353V12

Long-duration, yearV12
Brocot, Achille, mantel clock 596V12
Lowandes, Jonathan bracket clock 92V12

Lunar indicationV12
Brocot, Archille, mantel clock 189V12
Buschman, Hans, table clock 139V12
carriage clock 142V12
Dutch, longcase clock 649V12
Jump of London, bracket clock 146V12
Stearn, J., longcase clock 593V12

Lund see Barraud & LundV12
Lund, John Richard apprenticed to Robert Pennington? 515V12
Lundstedt, Anders watch, stop- 552

M

M. F. Tennant The Use of the Ultra Violet Lamp in Painted Dial Restoration (270-273) 270V12

Mackensen, Ludolf von Die Erste Sternwarte Europas mit ihren Instrumente und Uhren 400 Jahre Jost Burgi in Kassel, reviewed(204-205) 204V12

Macpherson, Normand longcase clock dial 394V12

Mainspring fusee, effect on 669V12

Maintaining power V12

Douw, Simon 625V12

Huygens 195V12

Mann & Son of Norwich bracket clock 551V12

Mann, Percival, bracket clock 9V12

Mantel clock V12

Arnold, J. R. detent escapement 92V12

Baetens of Soho 151V12

Baetens of Soho, timepiece 121V12

Barraud & Lund, No. 2777, stolen 447V12

Barraud of London 245V12

Breguet et Fils 480V12

Brocot, Achille 189, 596V12

Clark, H. & S., Salem Bridge, USA 85V12

Coliot of Paris, stolen 449V12

Dent 588V12

Grimalde & Johnson 239V12

Horstmann 438V12

McCabe, James 239V12

Mionet, musical automaton 651V12

Orry, Louis 349V12

Payne of New Bond Street 263V12

Pochon of Paris, stolen 100V12

Thuret, J. (religieuse) 23V12

Vulliamy 127, 152V12

Vulliamy, Benjamin Lewis 586, 587V12

Vulliamy, No. 1522 582V12

Margaine carriage clock 250V12

Margetts marine chronometer 111V12

Margetts, George watch, astronomical, No. 2 579V12

Marie & Comparé, repeating watch 348V12

Marine chronometer Kulberg No. 4070 297V12

Markham, Markwich striking watch for the Turkish market 187V12

Markwick, James watch, stolen 447V12

Marston Magda, Somerset, turret clock 57V12

Martin, Thomas watch No. 575 541V12

Martinot of Paris, watch 45V12

Mathematical Instrument Makers in the Grocers’ Company 1688-1800 by Joyce Brown, reviewed 304V12

Mather, Harold., Clock & Watchmakers of Nottinghamshire, reviewed 315V12

Matthews, Edward watch-case maker 410V12

Matthews, Frederick watch-case maker 410V12

Matthews, Frederick Samuel watch-case maker 410V12

Matthews, Henry Edward watch-case maker 410V12

Matthews, Martin V12

The Craft of Watch Case Making, lecture 85V12

watch-case maker (410-419) 410V12

Matthews, R. , Chronometer Escapements (170-171) 170V12

Mauss, Joachim, The Independent Jumping Seconds Mechanism of Jean Moise Pouzait, 30-35 30V12

May, John longcase clock 319V12
McCabe, James
  bracket clock 92
  bracket clock No. 1759 325
  carriage clock No. 1795 479
  carriage clock No. 2831 12
  carriage clock, No. 2871 132
  mantel clock 239
  regulator 551
  McDowell skeleton clock 316
  McGregor & Co. marine chronometer 570
  McMaster of Dublin watch 552
  Mean Time See Solar and Mean Time watch
  Mechanical clock, origin 318
  Medlam, Sarah French Clocks, lecture 656
  Meecham, P. A. & Nettell, D. F., The Froxfield Clock (281-284) 281
  Mercer, Thomas
    marine chronometer 570
    marine chronometer No. 923n 552
  Mercer, Vaudry The Penningtons and their Balances (514-522) 514
  Mew & Boyce turret clock 655
  Milburn, J. R. Eclipses and the St Albans Clock (313-314) 313
  Millar, David longcase clock dial 405
  Miller, M. & Son regulator, Vienna 375
  Mionet mantel clock, musical automaton 651
  Mitchell, Arthur reports 82, 438, 548, 549, 661
  Mitchell, J. & W. regulator (140-141) 140
  Mobilis watch, tourbillon 560
  Moginie, Samuel watch movement for clock case 607
  Molyneux & Sons regulator 358
  Molyneux, Robert
    chronometer escapement 333
    marine chronometer 170, 570
  Moncrief, John watch No. 151 or 152 541
  Monk, William turret clock 654
  Monkhouse, John bracket clock movement 316
  Monkhouse, Thomas bracket clock 131
  Moore, Ed. longcase clock 325
  Moore, Edward bracket clock 316
  Moore, John & Sons turret clock 328
  Moore, Thomas lantern clock hands 541
  Morrison, George bracket clock 551
  Moser, Michael George watch-case maker 385
  Mudge & Dutton
    bracket clock 261
    numbering system, letter 332
    watches, date and serial numbers (631-634) 631
  Mudge Milestones, Watch Dates by Charles Allix (627-634) 627
  Mudge, Thomas
    portrait 630
    watches, date and serial numbers (628-630) 628
  Munro, John longcase clock dial 400
  Murday (Reason), letter 305
  Murray, David longcase clock dial 397
  Murray, James bracket clock 602
  Murray, James, the Iden & Wetherfield Collections 176
  Musical clock
Ashton, Thomas, longcase clock

Clarke, George, bracket clock

DeCharmes, Simon, bracket clock

Dutch, longcase clock

Dutch, movement

Ellicott, John

Glasscock, Jno.

Hewitt, Geo., organ clock

Janzen, Antonie, longcase clock

Mionet, mantel clock

Monkhouse, Thomas, bracket clock

Norton, Eardley

Norton, Eardley, longcase clock

Norton, Eardly, movement

Peniston, John, longcase clock

Peyton, Richard, longcase clock

Potter, Harry, bracket clock

Wragg, Houblon, longcase clock

Musical clocks and their Repair, lecture by K. Harding

Musical Clocks, Dutch lecture by J. Haspels

Musical Time-Beater by Egerton Smith (201-202)

Nardin, Ulysse

marine chronometer


Nettell, D. F, Clocks and Bells [church]

Nettell, D. F. A New Look at the Dating of Early English Clocks (301-303)

Newton, George

lantern clock

Newton, George, Addendum by C. Thomas

Newton, George, Blacksmith Turned Clockmaker of Seend, Wiltshire by C. Thomas(420-427)

Nichals, Isaac, longcase clock

Nicklin, William longcase clock

Nicol of Paris skeleton clock

Nieuw of Bristol turret clock

Night clock Hilderson, John, bracket clock

Nocturnal Davenport of Macclesfield

Norton, Eardley

bracket clock

longcase clock

musical clock

musical clock movement

striking watch

Nottinghamshire, Clock and Watchmakers of, by Harold Mather, reviewed

Obituary Stammers, Henry

Odmark, Albert Public Clocks in Europe, lecture

Oignons, Louis XIV, by Adolphe Chapiro (38-51)

Ottery St Mary, turret clock

Ourry, Louis, religieuse

P

P. O. E., letter, Nathaniel Barrow watch(95-96)
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Painted Dial Restoration, The Use of the Ultra Violet Lamp in, by H. M. Tennant (270-273) 270V12

Papavoine, Isaac, longcase, half-hour strike 25V12
Parker, Daniel longcase clock 471V12
Parkes, J. & Sons chronometer, No.11048 92V12
Parkinson & Frodsham 589V12
carriage clock
pocket chronometer No. 2767 552V12
Parr, William longcase clock 670V12
Pascal, Claude movement 316V12
Patek Philippe watch No. 38234 552V12

Patents for Inventions, Watches Clocks etc 1855-1930, reviewed 205V12

Pattenden, Phillip, Sundials at an Oxford College, reviewed 203V12
Payne of New Bond Street mantel timepiece 263V12

Pendulum 646V12
conical, Briggs 624V12
conversion using pirouette 615V12
used in England before 1658 615V12

Pendulum Controlled Escapement, Burgi and the, by M. J. L. Kesteven (4 41-442) 441V12

Peniston, John, longcase clock 457V12
Penlington, Joseph watch, rack lever 97V12
Penney, David illustrations, exhibition 488V12
Pennington 516V12
balance, double L preceeded screw 670V12
balance, double L type 518V12
balance, double T type 517V12
balance, screw type 518V12
balance, YCC type 517V12
family tree 522V12
marine chronometer No. 130/596 522V12
marine chronometer No. 426 519, 521V12
places of business 518V12
Pennington, James 516V12
Pennington, John 516V12
balance spring, prevention of rusting 516V12
Pennington, Robert Earnshaw, his opinion of 514V12
Pennington, Robert II 515V12
Pennington, William 515V12
Penningtons and their Balances by Vaudrey Mercer (514-522) 514V12

Perigal, Francis longcase clock, month duration 210V12
Perry, Henry watch No. 205 541V12
Petersen of New Zealand, trade token (453-454) 453V12
Peyton, Richard longcase clock, musical 490V12
Phelps, John lantern clock 671V12
Philadelphia, clockmakers, letter 665V12
Picard, J. carriage clock 140V12
Pickman, William marine chronometer No. 3165 520V12
Pierret, Victor-Athanase See V.A.P. 512V12
Pitt, E. C., month-going regulator 353V12
Plowman, J. M. book reviews 406, 523V12
Pochon of Paris, mantel clock, stolen 100V12
Poem 333V12

Auld Clock 333V12
Old Father Time 558V12

Polding, J. P., The Restoration of a quarter-repeating longcase clock by Peter Garron, lecture 83V12
Pollard, J. turret clock 318V12
Ponsford, C. N. See Scott & Ponsford 3V12
book review
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A New Look at the Dating of Early English Clocks (52-69)</td>
<td>52</td>
</tr>
<tr>
<td>Wells and Salisbury (528-529)</td>
<td>528</td>
</tr>
</tbody>
</table>

Poole, John chronometer, No. 1366 | 92   |
Porlock, Somerset, turret clock | 61, 63   |
Porthouse of Penrith longcase clock | 325   |
Portrait | 52   |
Airy, G. B. | 290   |
Arnold, John | 288   |
Daniels, George | 28   |
Dent, E. J. | 290   |
Earnshaw, Thomas | 288   |
Harrison, John | 287   |
Kulberg, Victor | 292   |
man with watch | 455   |
Mathews, Edward | 411   |
Mathews, Henry Edward | 411   |
Matthews, Frederick Samuel | 410   |
Mercer, Thomas | 292   |
Mudge, Thomas | 630   |
Position error | 429 |
Sully | 431 |
Potter, Harry, bracket clock, musical | 20   |
Pouzait, Jean Moise, independent jumping seconds mechanism (30-35) | 30   |
Prest, Thomas keyless mechanism, hand setting | 667   |
Prestige, Walter longcase clock | 551   |
Prior, Edward watch, stolen | 447   |
Prior, George watch | 92   |
Puller, Jonathan bracket clock | 551   |
Quare, Daniel | 502   |
bracket clock | 321   |
bracket clock No. 42 | 553   |
lantern clock | 238   |
longcase clock | 92, 258 |
numbering system | 69   |
watch No. 391 | 92   |
watch No. 457 | 316   |
watch No. 589 | 551   |
watch Nos 2490, 2662, 2706, 3300 | 541   |
watch, No. 2680 | 92   |
Rainer, John watch No. 107 | 541   |
Reason electric clock | 316   |
Regulator | 374 |
anonymous | 319   |
Bond, William & Son | 436   |
Crosthwaite, Jno | 93   |
Dent of London | 436   |
Earnshaw, Thomas | 123   |
Emery, Joseph | 497   |
Farrow, John | 653   |
Harvey, John | 140   |
Hay, James (140-141) | 140   |
Hohwu, Andreas | 439   |
Horstmann, Gustav 438
Knebel, F. 636
Levy, Jonas 136
McCabe, James 551
Mitchell, J. & W. (140-141) 140
Molyneux & Sons 358
Pitt, E. C. 353
Sharp of Dublin 14
Shelton, John 436
Regulator, mantel Berthoud, Ferdinand 495
Regulator, table 487
Leptaue 571
Regulator, Vienna anonymous 246
Miller, M. & Son 375
Regulator, wall Cope & Molyneux (524-527) 524
Dent of London 246
Remontoire Berthoud, carriage clock 241
Repeat, minute Vulliamy watch No. mzsc 11
Repeat, quarter Clarke, George, bracket clock 92
Delander, Daniel, bracket clock 26
Dunlop, Conyers, bracket clock 484
Ellicott, John, bracket clock 371
Etherington of London, bracket clock 21
Fish, Henry, bracket clock 144
Garnier, Paul, carriage clock 242
Garron, Peter, longcase 83
Gloria of Rouen, watch 48, 49, 50
Gray, Benjamin & Vulliamy, Justin, bracket clock 485
Grimalde & Johnson, bracket clock 359
King, Matthew, bracket clock (330-331) 330
Knibb, John, bracket clock 134
Knibb, Joseph, bracket clock 234, 386, 486
Lepine of Paris, watch 379
Norton, Eardley, watch 573
Quare, Daniel, bracket clock 502
Smith, Joseph, bracket clock 115
Speakman, Edward, bracket clock 467
Thwaites, Aynsworth, bracket clock 130
Tompion, Tomas, bracket clock 92
Watson, Samuel, bracket timepiece 265
Windmills, Joseph, bracket clock 225
Wolfall, William, bracket clock 24

Replacement Parts for Antique Clocks lecture by Mr & Mrs G. K. Hadfield 315
Restoration Betts, Jonathan 440
Richard of Wallingford 31
St Albans clock 313, 655
turret clock, reconstruction 391
Richards, John watch 551
Roberts, Kenneth Woodworking Tool Trade, lecture (659-660) 659
Robson, William Jun. longcase clock 552
Roiz, Pedro, Libro de Reloges Solares, reviewed 552
Rolling-ball clock Congreve 567
Roskell, R. watch No. 22668, rack-lever. 92

Roskell, Robert. watch No. 3529 325

Russell, Thos & Son watch No. 69502 213

Rye church clock, similarity to Salisbury and Wells Cathedral clocks 62

Sabine, Edward, clock used by 525

Salisbury Cathedral, turret clock 65, 67, 68

14th century date rejected 528

16th century date contested 303

16th century date suggested 66

Sands, J. bracket clock 316

Savory, T. Cox bracket clock No. 445 551

Schaufel, Veyt table clock, astronomical 599

Schoonhoven Netherlands Clock Museum 646

Scott, J. G. M. See Ponsford, C. N. Some Dating Features for Turret Clocks (536-538) 536

Scott, J. G. M. & Ponsford C. Turret Clocks in Devonshire, lecture (184-185) 184

Sedan chair clock 608

Sharp of Dublin, striking wall regulator 14

Sharratt, J. wall clock 316

Shaw, John watch No. 3064 92

Shearer, James marine chronometer 351

Shelton, John regulator 436

Shenton, F. G. A. reports 86

Shenton, R. K. reports 85

Shepherd, Thomas watch, rock crystal case 92

Shields, William watch No. 59 541

Skeleton clock 612

Edwards, James, stolen 207

Litherland & Davies 127

McDowell 316

Nicol of Paris 113

Smith Egerton, Musical Time-Beater (201-202) 201

Smith of the Strand, bracket clock, stolen 207

Smith, E. & Son, karrusel, stolen 91

Smith, J. & Sons Clock factory (274-280) 274

Smith, Joseph, bracket clock 115

Smith, William watch, stolen 447

Smith, Wm, bracket clock, stolen 207

Smiths English Clock Systems electric clock 558

Snow, John 312

lantern clock 383

lantern clock, dated 1630 148

Solar and Mean Time watch, letter 331

Somerleyton Hall turret clock 656

Speakman, Edward bracket clock 467

Spears, Fredk watch 211

St Albans Clock lecture by Eric Watson 655

St Albans Clock, by E. Watson, addendum 174

St Jacob, Hague turret clock 637

Stammers, Henry, obituary 409

Stansfield M. 30-hour longcase clock 214

Stearn, J. longcase clock 593

Stevens of Cirencester, bracket clock, stolen 207

Stirling, grande sonnerie Gould, Christopher, bracket clock 107

Stones of Lothbury, longcase clock, stolen 207
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Stour Provost turret clock 654V12
Stram, Alfred watch-case maker 410V12
Street, Richard watch, stolen 447V12
Sterley, Francis bracket clock 236V12
Stretch, Peter, clockmaker Philadelphia 665V12

Striking watchV12
Eastland, Thomas 377V12
Gloria of Rouen 51V12
Hubart, Etienne 92V12
Markham, Markwich 187V12
Norton, Eardley 573V12

Striking, Dutch East, Edward, bracket clock 494V12

Striking, grande sonnerieV12
Brocot, Achille, carriage clock 239V12
carriage clock 142V12
Drocourt of Paris, carriage clock 243V12
Miller, M. & Son 375V12

Striking, quarterV12
automaton clock 189V12
Chinese clock 189V12
Garnier, Paul, carriage clock 242V12
Hughes, William, bracket clock 3V12
Jenkins, James, longcase 362V12
Nichals, Isaac, longcase clock 91V12
Norton, Eardley, longcase clock 135V12
Potter, Harry, bracket clock 20V12
Webster, William, bracket clock 7V12
Wragg, Houblon, longcase clock 669V12

Striking, Roman Knibb, Joseph, bracket clock 248V12
Stubbs, Thio longcase clock 551V12
Stubbs, Thomas longcase clock 365V12

Sully, position error, reduction 429V12
Sully, Verlinden and Others by Charles Allix (428-434) 428V12

Sundial V12
armillary sphere 310V12
Bloud, Charles 320V12
equinoctial 312V12
hemispherical 308V12
horizontal 311V12
polyhedral 310V12
Tower of the Winds 86V12

Sundials at an Oxford College by Phillip Pattenden, reviewed 203V12
Sundials at Hever Castle by F. A. B. Ward & D. Vaughan 307V12

Swedish iron mark 185, 282V12

Symes, Richard, dial maker 126V12

T
Table clockV12
anonymous 266V12
anonymous, hexagonal 264V12
Buschman, Hans 139V12
Fabian, Michael 476V12
Grinkin, Robert 347V12
Schaufel, Veyt 599V12

Tax, on Clocks and Watches, lecture by Chris Elmers 86V12
Taylor, E. W. book reviews 552V12
Taylor, Jasper watch Nos 21, 166 541V12
Taylor, Thomas watch Nos 6 or 9, 276 541V12
### Cumulative Index for Antiquarian Horology Volumes 10 to 19

Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tedbury, Jno, watch No. 13162</td>
<td>555&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Theelke, Tony, letter, Enamel Dials</td>
<td>661&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Theurer, Ed. Robert enamelled watch</td>
<td>145&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Thomas, C. George Newton, Addendum</td>
<td>538&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Thomas, C., George Newton, Blacksmith Turned Clockmaker of Seend, Wiltshire (420-427)</td>
<td>420&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Thornborough, George longcase clock</td>
<td>551&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Thornton, Henry longcase clock</td>
<td>592&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Thristle, James, dial plate</td>
<td>209&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Thuret of Paris watch</td>
<td>551&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Thuret, Isaac bracket clock</td>
<td>552&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Thuret, J., pendule religieuse</td>
<td>23&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Thwaites, Aynesworth bracket clock</td>
<td>130&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tickie, John turret clock</td>
<td>318&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tiffany &amp; Co. watch, inking chronograph</td>
<td>92&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Time switch Horstmann</td>
<td>438&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tobias family watches</td>
<td>557&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tobias, M. I., &amp; Co.(97-98)</td>
<td>97&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tomlin, E., bracket clock, stolen</td>
<td>91&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tomlinson, William&lt;sup&gt;V12&lt;/sup&gt;</td>
<td>594&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas&lt;sup&gt;V12&lt;/sup&gt;</td>
<td>92&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tompion &amp; Banger bracket clock No. 427</td>
<td>591&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tompion Medal awarded to George Daniels</td>
<td>663&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tompion Watch dug up on the South Downs in 1977 by W. A. van Aken (609-613)</td>
<td>609&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas, and Banger, Edward watch Nos 3278, 3375, 3428, 4119</td>
<td>541&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tool trade, Woodworking lecture by Kenneth Roberts (650-660)</td>
<td>659&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tools watch-case making</td>
<td>415, 416, 417, 418&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tools, Horological Shop lecture by Theodore Crom</td>
<td>655&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tourbillon&lt;sup&gt;V12&lt;/sup&gt;</td>
<td>108&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tower of the Winds, lecture by Charles Aked</td>
<td>86&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Trade tokens Petersen of New Zealand (453-454)</td>
<td>453&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Travelling clock&lt;sup&gt;V12&lt;/sup&gt;</td>
<td>126&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Barwise of London</td>
<td>662&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tregent, Anthony enameller</td>
<td>662&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Tregent, James&lt;sup&gt;V12&lt;/sup&gt;</td>
<td>239&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>bracket clock</td>
<td>662&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Trotter, Johnston Crawford, electric clock</td>
<td>210&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Trubshaw, John watch No. 262</td>
<td>541&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Turkish market watch information sought</td>
<td>523&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Turnbull, John longcase clock dial</td>
<td>398&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Turner, Charles watch movement</td>
<td>604&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Turret clock flatbed, first English</td>
<td>656&lt;sup&gt;V12&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Turret clock, maker</td>
<td>Page</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>Borrel of Paris</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Boyce, Lawrence</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Bryant, John</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Dent</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Dent, E. J.</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Dent, F.</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Evans, David</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Gillett &amp; Bland</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Gillett &amp; Johnston</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Grignon of London</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Hawkins, Ambrose</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Holloway, John</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Markes, Richard</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Mew &amp; Boyce</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Monk, William</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Moore, John</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Moore, John &amp; Sons</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Newton, George</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Niehus of Bristol</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Pike, James</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Pollard family</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Pollard, J.</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Pridham, Lewis</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Richard of Wallingford</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Smith, J. &amp; Sons</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Stumbel, William</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Thwaites</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Tickle, John</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Tucker of Tiverton</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Vabrie, Heinrick</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Van Call, Jan</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Vulliamy</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Vulliamy, B.L.</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Webber, Richard</td>
<td>V12</td>
<td></td>
</tr>
<tr>
<td>Whitehurst</td>
<td>V12</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Turret clock, place</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beer</td>
<td>V12</td>
</tr>
<tr>
<td>Bere Regis</td>
<td>V12</td>
</tr>
<tr>
<td>Bradninch</td>
<td>V12</td>
</tr>
<tr>
<td>Broadhembury</td>
<td>V12</td>
</tr>
<tr>
<td>Cotehele House</td>
<td>V12</td>
</tr>
<tr>
<td>Cotehele, Cornwall</td>
<td>V12</td>
</tr>
<tr>
<td>Cranbrook</td>
<td>V12</td>
</tr>
<tr>
<td>Dartington Hall</td>
<td>V12</td>
</tr>
<tr>
<td>De Rijp church</td>
<td>V12</td>
</tr>
<tr>
<td>Exeter Cathedral</td>
<td>V12</td>
</tr>
<tr>
<td>Froxfield, Wills</td>
<td>V12</td>
</tr>
<tr>
<td>Heathcoat factory, Tiverton</td>
<td>V12</td>
</tr>
<tr>
<td>Holy Trinity, Exeter</td>
<td>V12</td>
</tr>
<tr>
<td>Honiton</td>
<td>V12</td>
</tr>
<tr>
<td>Horse Guards, letter</td>
<td>V12</td>
</tr>
<tr>
<td>Ipplepen</td>
<td>V12</td>
</tr>
<tr>
<td>Lymington</td>
<td>V12</td>
</tr>
<tr>
<td>Marston Magna, Somerset</td>
<td>V12</td>
</tr>
<tr>
<td>Melksham</td>
<td>V12</td>
</tr>
<tr>
<td>Modbury</td>
<td>V12</td>
</tr>
<tr>
<td>Place/Location</td>
<td>Volume/Pages</td>
</tr>
<tr>
<td>---------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Musbury</td>
<td>185</td>
</tr>
<tr>
<td>Newton Cyres</td>
<td>184</td>
</tr>
<tr>
<td>Ottery St Mary</td>
<td>64, 185</td>
</tr>
<tr>
<td>Porlock</td>
<td>185</td>
</tr>
<tr>
<td>Porlock, Somerset</td>
<td>61, 63</td>
</tr>
<tr>
<td>Rouen</td>
<td>302</td>
</tr>
<tr>
<td>Royal Naval Hospital, Plymouth</td>
<td>185</td>
</tr>
<tr>
<td>Royal William Victualling Yard, Plymouth</td>
<td>185</td>
</tr>
<tr>
<td>Salisbury Cathedral</td>
<td>65, 67, 68, 301</td>
</tr>
<tr>
<td>Salisbury Cathedral (528-529)</td>
<td>528</td>
</tr>
<tr>
<td>Salisbury, St Thomas a Becket</td>
<td>422</td>
</tr>
<tr>
<td>Somerleyton Hall</td>
<td>656</td>
</tr>
<tr>
<td>St Albans Abbey</td>
<td>313</td>
</tr>
<tr>
<td>St Giles, Camberwell</td>
<td>657</td>
</tr>
<tr>
<td>St Jacob, Hague</td>
<td>637</td>
</tr>
<tr>
<td>St Mary Step, Exeter</td>
<td>185</td>
</tr>
<tr>
<td>St Petrock, Exeter</td>
<td>185</td>
</tr>
<tr>
<td>Steeple Ashton</td>
<td>421</td>
</tr>
<tr>
<td>Stour Provost</td>
<td>654</td>
</tr>
<tr>
<td>Talaton church</td>
<td>318</td>
</tr>
<tr>
<td>Tavistock church</td>
<td>318</td>
</tr>
<tr>
<td>Thorverton</td>
<td>318</td>
</tr>
<tr>
<td>Tiverton</td>
<td>318</td>
</tr>
<tr>
<td>Tiverton market</td>
<td>185</td>
</tr>
<tr>
<td>Trowbridge church</td>
<td>538</td>
</tr>
<tr>
<td>Utrecht Cathedral</td>
<td>648</td>
</tr>
<tr>
<td>Utrecht Cathedral, pendulum conversion</td>
<td>624</td>
</tr>
<tr>
<td>Wells Cathedral</td>
<td>58, 301</td>
</tr>
<tr>
<td>Wells Cathedral (528-529)</td>
<td>528</td>
</tr>
<tr>
<td>West Norwood</td>
<td>656</td>
</tr>
<tr>
<td>Westminster</td>
<td>656</td>
</tr>
<tr>
<td>Wimborne Minster</td>
<td>280</td>
</tr>
<tr>
<td>Zeal Monachorum</td>
<td>185</td>
</tr>
<tr>
<td>Utrecht Nationaal Museum van Speelklok tot Pierment</td>
<td>646</td>
</tr>
<tr>
<td>Utrecht Cathedral, turret clock, conversion</td>
<td>624</td>
</tr>
<tr>
<td>V A.P. V12</td>
<td></td>
</tr>
<tr>
<td>mark of Gaille</td>
<td>555</td>
</tr>
<tr>
<td>mark of Valonge of Paris</td>
<td>455</td>
</tr>
<tr>
<td>mark of Victor-Athanese Pierret</td>
<td>556</td>
</tr>
<tr>
<td>wall clock with tic-tac escapement</td>
<td>327</td>
</tr>
<tr>
<td>Vabrie, Heinrick turret clock with carillon</td>
<td>637</td>
</tr>
<tr>
<td>Valonge of Paris</td>
<td>See V A.P. V12</td>
</tr>
<tr>
<td>Van Aken, W. A. Tompion Watch dug up on the South Downs in 1977 (609-613)</td>
<td>609</td>
</tr>
<tr>
<td>Van Call, Jan turret clock with carillon</td>
<td>648</td>
</tr>
<tr>
<td>Van Ceulen, Johannes bracket clock</td>
<td>644</td>
</tr>
<tr>
<td>Vaughan, D.</td>
<td></td>
</tr>
<tr>
<td>See Ward &amp; Vaughan The Development of Batteries for Clocks and Watches, lecture</td>
<td>82</td>
</tr>
<tr>
<td>Verlinden, Jne watch, position error reduced</td>
<td>428, 430, 431, 432</td>
</tr>
<tr>
<td>Verron of Vullanvron, pendule neuchateloise</td>
<td>10</td>
</tr>
<tr>
<td>Viet, Claude longcase clock</td>
<td>472</td>
</tr>
<tr>
<td>Viner of London carriage clock No. 214</td>
<td>381</td>
</tr>
<tr>
<td>Virgoe, Thos. winged lantern clock</td>
<td>148</td>
</tr>
</tbody>
</table>
Visbach, Pieter bracket clock 640, 642

Vulliamy

mantel clock 127
mantel clock, No.1522 582
mantle clock, marble 152
watch 325
watch No. 41730, stolen 553
watch No. mzsc 11
watch, Solar and Mean Time 331

Vulliamy of London bracket clock No. 634 685

Vulliamy, B.L. turret clock 656

Vulliamy, Benjamin Lewis carriage clock, No. 1145 133
mantel clock No. 851 586
mantel clock No. 882 587

Vulliamy, Justin See Gray & Vulliamy

Wall clock anonymous, astronomical 254
Baker, Henry of Malling 2
Closon, Peter 635
Coster, Salomon 639
Farmer, G., tavern clock 92
Haanstra, B. 636
Hill, Matt, tavern clock 92
Horstmans 438
Howard, Edward 207
Sharratt, J. 316
Wall Clock V.A.P. 327
Walsall, William longcase clock movement 316

Ward, F. A. B. & Vaughan, D. Sundials at Hever Castle 307

Ward, M. D. J., Edward Aldridge of Deal (158-159) 158

Wareham, John longcase clock 137

Warrington Museum, AHS visit 315

Watch

Aldworth, Samuel, No. 215 541
Arnold, John Roger, keyless 667
Aspinall, Thomas 316
Aubry, Irene, 40-day (452-453) 452
Audermars Freres 551
Badolet of Paris 46
Bainbridge of Dublin, stolen 207
Bale, Thomas No. 212 541
Barclay, James 605
Barraud of Cornhill, No. 3690 316
Barraud, No.801 92
Barrow, Nathaniel(95-96) 95
Barwise, No. 4717 325
Beesley, John 97
Benson, J. W., No. 2523 325
Bill, S. W. 666
Bittleston, J. 464
<table>
<thead>
<tr>
<th>Name</th>
<th>Reference(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blackwell, W.</td>
<td>605 V12</td>
</tr>
<tr>
<td>Bradshaw &amp; Ryley</td>
<td>551 V12</td>
</tr>
<tr>
<td>Breguet</td>
<td>552 V12</td>
</tr>
<tr>
<td>Breguet et Fils</td>
<td>384 V12</td>
</tr>
<tr>
<td>Breguet of Paris</td>
<td>368 V12</td>
</tr>
<tr>
<td>Breguet, No. 351</td>
<td>670 V12</td>
</tr>
<tr>
<td>Brockbank &amp; Atkins</td>
<td>316 V12</td>
</tr>
<tr>
<td>Chambers, James</td>
<td>97 V12</td>
</tr>
<tr>
<td>Clifton, John</td>
<td>97 V12</td>
</tr>
<tr>
<td>Clifton, William</td>
<td>604 V12</td>
</tr>
<tr>
<td>Cole of London</td>
<td>92 V12</td>
</tr>
<tr>
<td>Cummins, Thomas, No. 14-26</td>
<td>92 V12</td>
</tr>
<tr>
<td>Dawson, Stewart &amp; Co.</td>
<td>97 V12</td>
</tr>
<tr>
<td>De Salle of Caen</td>
<td>45, 46 V12</td>
</tr>
<tr>
<td>Delander, Daniel, stolen</td>
<td>447 V12</td>
</tr>
<tr>
<td>Demelais, Eleazar</td>
<td>498 V12</td>
</tr>
<tr>
<td>Dryer, Samuel, No. 191</td>
<td>541 V12</td>
</tr>
<tr>
<td>Dunant of Berlin</td>
<td>39 V12</td>
</tr>
<tr>
<td>Dunlop, C., No. 2905</td>
<td>325 V12</td>
</tr>
<tr>
<td>Dutton, Matthew, dates and serial numbers (631-634)</td>
<td>631 V12</td>
</tr>
<tr>
<td>Earnshaw, Thomas, No. 2402</td>
<td>325 V12</td>
</tr>
<tr>
<td>Eastland, Thomas</td>
<td>377 V12</td>
</tr>
<tr>
<td>Ellicott</td>
<td>92 V12</td>
</tr>
<tr>
<td>Etherington, George, No. 23</td>
<td>316 V12</td>
</tr>
<tr>
<td>Etherington, George, Nos 347, 603, 1040</td>
<td>541 V12</td>
</tr>
<tr>
<td>Everell, John, No. 332</td>
<td>541 V12</td>
</tr>
<tr>
<td>Frodsham</td>
<td>470 V12</td>
</tr>
<tr>
<td>Frodsham, Charles, No. 09092</td>
<td>325 V12</td>
</tr>
<tr>
<td>Fromanteel &amp; Clarke</td>
<td>316 V12</td>
</tr>
<tr>
<td>Fromanteel, No. 1322</td>
<td>92 V12</td>
</tr>
<tr>
<td>Garon, Peter, No. 1981</td>
<td>541 V12</td>
</tr>
<tr>
<td>Gillespy, G., No.446</td>
<td>92 V12</td>
</tr>
<tr>
<td>Gloria of Rouen</td>
<td>48, 49, 50 V12</td>
</tr>
<tr>
<td>Gloria of Rouen, striking watch</td>
<td>51 V12</td>
</tr>
<tr>
<td>Gowland, G. H. &amp; C.</td>
<td>457 V12</td>
</tr>
<tr>
<td>Graham, George, No. 4786</td>
<td>316 V12</td>
</tr>
<tr>
<td>Gregg, Francis, No. 316</td>
<td>541 V12</td>
</tr>
<tr>
<td>Grettot, Charles, Nos 817, 1100</td>
<td>541 V12</td>
</tr>
<tr>
<td>Gribben, Edward</td>
<td>551 V12</td>
</tr>
<tr>
<td>Gribelin of Paris</td>
<td>42 V12</td>
</tr>
<tr>
<td>Grignon, Thomas</td>
<td>385 V12</td>
</tr>
<tr>
<td>Guillebert of Rouen</td>
<td>47 V12</td>
</tr>
<tr>
<td>Hanet of Paris</td>
<td>44 V12</td>
</tr>
<tr>
<td>Herbert, Thomas</td>
<td>552 V12</td>
</tr>
<tr>
<td>Holmes, C.</td>
<td>551 V12</td>
</tr>
<tr>
<td>Hommet of Paris</td>
<td>45 V12</td>
</tr>
<tr>
<td>Hubart, Etienne, striking watch</td>
<td>92 V12</td>
</tr>
<tr>
<td>Ilbbery, No. 6553</td>
<td>325 V12</td>
</tr>
<tr>
<td>Jacob, Michel</td>
<td>41 V12</td>
</tr>
<tr>
<td>Johnson, Josh</td>
<td>213 V12</td>
</tr>
<tr>
<td>Kemp, William</td>
<td>551 V12</td>
</tr>
<tr>
<td>Kipling, Wm</td>
<td>92 V12</td>
</tr>
<tr>
<td>Kipling, William</td>
<td>682 V12</td>
</tr>
<tr>
<td>Kipling, William, No. 69, 88</td>
<td>541 V12</td>
</tr>
<tr>
<td>Langlois of Paris</td>
<td>40 V12</td>
</tr>
<tr>
<td>Latham, John, No. 7</td>
<td>541 V12</td>
</tr>
<tr>
<td>Le Blond l’aîne</td>
<td>433, 434 V12</td>
</tr>
<tr>
<td>Name</td>
<td>Page Numbers</td>
</tr>
<tr>
<td>---------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Legros of Paris</td>
<td>433V12</td>
</tr>
<tr>
<td>Lepine</td>
<td></td>
</tr>
<tr>
<td>Lepine of Paris</td>
<td>1, 34, 35, 36V12</td>
</tr>
<tr>
<td>Leroy, L., et Cie, self-winding</td>
<td>122V12</td>
</tr>
<tr>
<td>Linden, W. V. a.</td>
<td>551V12</td>
</tr>
<tr>
<td>Lundstedt, Anders</td>
<td>552V12</td>
</tr>
<tr>
<td>Margetts, George</td>
<td>579V12</td>
</tr>
<tr>
<td>Markwick, James, stolen</td>
<td>447V12</td>
</tr>
<tr>
<td>Martin, Thomas, No. 575</td>
<td>541V12</td>
</tr>
<tr>
<td>Martinot of Paris</td>
<td>45V12</td>
</tr>
<tr>
<td>Matie &amp; Comparet</td>
<td>348V12</td>
</tr>
<tr>
<td>McMastor of Dublin</td>
<td>552V12</td>
</tr>
<tr>
<td>Mobilis</td>
<td>560V12</td>
</tr>
<tr>
<td>Moncrief, John, No. 151 or 152</td>
<td>541V12</td>
</tr>
<tr>
<td>Mudge &amp; Dutton, date and serial numbers (631-634)</td>
<td>631V12</td>
</tr>
<tr>
<td>Mudge, Thomas, date and serial numbers (628-630)</td>
<td>628V12</td>
</tr>
<tr>
<td>Norton, Eardley</td>
<td>573V12</td>
</tr>
<tr>
<td>Port Phillippe</td>
<td>552V12</td>
</tr>
<tr>
<td>Penlington, Joseph</td>
<td>577V12</td>
</tr>
<tr>
<td>Perry, Henry, No. 205</td>
<td>541V12</td>
</tr>
<tr>
<td>Prior, Edward, stolen</td>
<td>447V12</td>
</tr>
<tr>
<td>Prior, George</td>
<td>92V12</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>551V12</td>
</tr>
<tr>
<td>Quare, Daniel, No. 2680</td>
<td>92V12</td>
</tr>
<tr>
<td>Quare, Daniel, No. 391</td>
<td>92V12</td>
</tr>
<tr>
<td>Quare, Daniel, No. 457</td>
<td>316V12</td>
</tr>
<tr>
<td>Quare, Daniel, Nos 2490, 2662, 2706, 3300</td>
<td>541V12</td>
</tr>
<tr>
<td>Rainer, John, No. 107</td>
<td>541V12</td>
</tr>
<tr>
<td>Richards, John</td>
<td>551V12</td>
</tr>
<tr>
<td>Roskell, R., No. 22668</td>
<td>92V12</td>
</tr>
<tr>
<td>Roskell, Robert, No. 3529</td>
<td>325V12</td>
</tr>
<tr>
<td>Russell, Thos &amp; Son</td>
<td>213V12</td>
</tr>
<tr>
<td>Shaw, John, No. 3064</td>
<td>92V12</td>
</tr>
<tr>
<td>Shepherd, Thomas, rock crystal</td>
<td>92V12</td>
</tr>
<tr>
<td>Shields, William, No. 59</td>
<td>541V12</td>
</tr>
<tr>
<td>Smith, William, stolen</td>
<td>447V12</td>
</tr>
<tr>
<td>Spears, Fredk</td>
<td></td>
</tr>
<tr>
<td>Street, Richard, stolen</td>
<td>447V12</td>
</tr>
<tr>
<td>Taylor, Jasper, Nos 21, 166</td>
<td>541V12</td>
</tr>
<tr>
<td>Taylor, Thomas, No. 276</td>
<td>541V12</td>
</tr>
<tr>
<td>Taylor, Thomas, No. 6 or 9</td>
<td>541V12</td>
</tr>
<tr>
<td>Tedburry, Jno</td>
<td>555V12</td>
</tr>
<tr>
<td>Theurer, Ed. Robert</td>
<td>145V12</td>
</tr>
<tr>
<td>Thuret of Paris</td>
<td>551V12</td>
</tr>
<tr>
<td>Tiffany &amp; Co.</td>
<td>92V12</td>
</tr>
<tr>
<td>Tobias, M. L., &amp; Co.(97-98)</td>
<td>97V12</td>
</tr>
<tr>
<td>Tomlinson, William, Nos 299, 639, 837</td>
<td>541V12</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>92, 609V12</td>
</tr>
<tr>
<td>Tompion, Thomas, &amp; Banger Edward, No. 3278</td>
<td>541V12</td>
</tr>
<tr>
<td>Tompion, Thomas, &amp; Banger Edward, Nos 3375, 3428, 4119</td>
<td>541V12</td>
</tr>
<tr>
<td>Tompion, Thomas, No. 2131</td>
<td>92V12</td>
</tr>
<tr>
<td>Tompion, Thomas, No.133</td>
<td>316V12</td>
</tr>
<tr>
<td>Tompion, Thomas, No.185</td>
<td>316V12</td>
</tr>
<tr>
<td>Tompion, Thomas, Nos 017, 46, 343, 363, 425, 446, 753, 2343, 2768</td>
<td>541V12</td>
</tr>
<tr>
<td>Trubshaw, John, No. 262</td>
<td>541V12</td>
</tr>
<tr>
<td>Turner, Charles</td>
<td>604V12</td>
</tr>
<tr>
<td>Verlinden, Jne</td>
<td>428, 430, 431, 432V12</td>
</tr>
</tbody>
</table>
Vulliamy See V12
Vulliamy, J. 325V12
Vulliamy, No. mzsc 11V12
Vulliamy, stolen 553V12
Watson, Samuel, Nos 273, 380 541V12
Whightman, Thomas, No. 133 541V12
Whiteside, Litherland 551V12
Windmills, Joseph, No. 17 541V12
Wych, David, Nos 57, 103, 167 541V12
Wynstanley, A. 92V12
Young, Martin, stolen 207V12
Young, Thomas, No. 134 541V12

Watch Case Maker, Martin Matthews, by John Finch (410-419) 410V12
Watch Case Making, The Craft of, lecture by Martin Matthews 85V12
Watch movementV12
adapted for clock case 604V12
made for clock case 605V12
Watch Movements, Verge, in Wood Cases by Percy G. Dawson (604-608) 604V12
Watch standV12
coronation throne 477V12
Day, B. 504V12
Gillows 668V12
Ryan, Gerald, collection 504V12
women's 509V12
Watch Stands by Eric Street (504-513) 504V12
Watch Supremacy, Collapse of the British in the 19th century, lecture by David Landes 84V12
Watch, 175 Years in the Development of, lecture by Cecil Clutton 436V12
Watch-case makerV12
Comptesse, Louis 410V12
Matthews, Edward 410V12
Matthews, Frederick 410V12
Matthews, Frederick Samuel 410V12
Matthews, Henry Edward 410V12
Matthews, Martin (410-419) 410V12
Moser, George Michael 385V12
Stram, Alfred 410V12
Watch-case makers' marksV12
VB 609V12
WA 609V12
Watch-case making (411-419) 411V12
WatchesV12
early French balance spring (38-51) 38V12
output 550V12
price of 549V12
Tobias family 557V12
Watches by Cecil Clutton & George Daniels, reviewed 88V12
Watchmaking workshops, Clerkenwell 550V12
Watch-paper Galloway of Leeds 213V12
Water clockV12
Chinese, steelyard (530-535) 530V12
King Hezekiah 300V12
King Hezekiah (160-164) 160V12
Tower of the Winds 86V12
Water Clock, The 13th Century 'King Hezekiah'V12
by C.B Drover (160-164) 160V12
by J. H. Combridge 300V12
Watson, E. The St Albans Clock, addendum 174V12
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Watson, Eric St Albans Clock, lecture 655V12
Watson, SamuelV12
  bracket timepiece 265V12
  watch Nos 273, 380 541V12
Weaver, J. D. Further Fussing about the Fusee (542-548) 542V12
Webster, Percy, by Percy G. Dawson (175-177) 175V12
Webster, William longcase clock, stolen 553V12
Webster, William, bracket clock 7V12
Welch, E. N. Briggs rotary clock 646V12
Wells and Salisbury by C. N. Ponsford & J. G. M. Scott (528-529) 528V12
Wells Cathedral, turret clock 58V12
  14th century date rejected 528V12
  16th century date contested 303V12
  16th century date suggested 66V12
Wenzel, J. book reviews (204-205) 204V12
West Norwood turret clock 656V12
Westfield, Robert, escapement patent 665V12
Westminster clock prototypes 656V12
Wetherfield Collection 176V12
Whatmoor, P. H. Dorset Clocks, lecture 280V12
White See Kelvin, White & HuttonV12
White, George, longcase clock, stolen 207V12
Whiteside, Litherland watch No. 16271 551V12
Wightman, Thomas watch No. 133 541V12
Wilding, JohnV12
  How to Repair Antique Clocks, reviewed reports 206V12
  655V12
Willcox, John bracket clock 146V12
Williams G. H. See Nettell & WilliamsV12
Wills, Joseph, clockmaker Philadelphia 665V12
Wilmot, L. reports 656V12
Winding, automaticV12
  Breguet of Paris 368V12
  Leroy, L., et Cie, watch 122V12
Windmills, JosephV12
  bracket clock 225V12
  watch No. 17 541V12
Winster, Jonas Barbour Clockmaker of, by B. W. Cave-Brown-Cave, reviewed 37V12
Wolff, William, bracket clock 24V12
Wood, John, clockmaker Philadelphia 665V12
Woolf, Lewis chronometer No. 5235 92V12
Workshop, A 15th Century Italian Clockmakers, by F. A. B. Ward 172V12
Wragg, Houblon musical longcase, clock 669V12
Wyeh, David watch Nos 57, 103, 167 541V12
Wyche, John, longcase clock, stolen 9V12
Wynstanley, A., watch 92V12
Y
Young, Martin, watch, stolen 207V12
Young, Thomas watch No. 134 541V12
Z
Zaandam Zaans Uhrerken Museum 635V12
Zodiac indications Knip, Gerrit, longcase clock 636V12
# Cumulative Index for Antiquarian Horology Volumes 10 to 19

Compiled by Edward Powell @ AHS 2006

## ANTIQUARIAN HOROLOGY

### Index to Volume XIII

#### Pagination of Issues

<table>
<thead>
<tr>
<th>No</th>
<th>Month</th>
<th>Year</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>September</td>
<td>1981</td>
<td>pp 1 - 116</td>
</tr>
<tr>
<td>2</td>
<td>December</td>
<td>1981</td>
<td>pp 117 - 228</td>
</tr>
<tr>
<td>3</td>
<td>March</td>
<td>1982</td>
<td>pp 229 - 316</td>
</tr>
<tr>
<td>4</td>
<td>June</td>
<td>1982</td>
<td>pp 317 – 412</td>
</tr>
<tr>
<td>5</td>
<td>September</td>
<td>1982</td>
<td>pp 413 – 512</td>
</tr>
<tr>
<td>6</td>
<td>December</td>
<td>1982</td>
<td>pp 513 – 608</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td></td>
<td>pp 609 – 632</td>
</tr>
</tbody>
</table>

Compiled in 1999 by Christopher Glamusk
List of Articles

Equation Clocks By J Wenzel 24-44
A Select Clock By John S Reid 45-50
The ‘Matthew the Miller Clock’ at the Parish Church of St Mary Steps, Exeter By Clive N Ponsford 52-66
Some Notes on La Vallée and L B Audemars By T A Camerer Cuss 67-76
Watch Movement Making in Prescot By Dr Robert Kemp 77-81
John Poole’s Balances By Dr V Mercer 82-83
The Worshipful Company of Clockmakers 140-143
Mudge Milestones (Addenda) By A F Cliborne 144-145
Josiah Emery and John Leroux By Cecil Clutton 146-147
John Arnold By Cecil Clutton 148
Thomas Mudge, The Complete Horologist By George Daniels 150-174
Thomas Earnshaw By Vaudrey Mercer 175-177
Watch by Thomas Mudge, London No 574 with Perpetual Calendar Mechanism By R Good 178-187
William Oughtred, An Early Horological Expositor By C K Aked 192-201
The Evolution of European Domestic Clocks By Dr F A B Ward 248-266
Export of Clocks From Leith, 1743 to 1792 By G Gibb & F Hudson 268-269
The Development of the Pendulum Clock By R D Dobson 270-281
A Comparison of Two Mid Scotland Longcase Dials By George Cumming 282-283
A Most Interesting Clock By K H Whay 290-293
French Clockmakers at Nonsuch By Clive N Ponsford 294-295
Defining a Musical Clock By Arthur W J G Ord-Hume 340-358
Lichfield Clock By J Orange 359-365
A Miniature Lantern Alarm Time Piece by Charles Clay, London By C Thomas 366-367
Horology and the Adams Family By John R Millburn 368-376
Paul Blondell By A A Kleeb 376-377
New Light on Early Pendulum Clocks (addendum) By E L Edwardes 381-382
The Hazards of an Early Luminous Watch By Eric Street 383-384
A Viennese Quarter Striking Mechanism By J Hannah 386-387
Pearson Page Water Clocks By A J Turner 388-389
Repatriated English Clocks By Percy G Dawson 434-437
James Ferguson’s Star Plate By Dr John S Reid 438-441
Charles Babbage and the Invention of Wokmen’s Time Recorders By Dr A G Bromley 442-449
A Reconstruction from the Almanus Manuscript By H G Hammond 450-452
Mudge’s Fourth Timekeeper By Clive N Ponsford 453
Pitt’s Clock and Watch Tax: A Reassessment By Adrian Burchall 454-461
Tompion – Quare Collaboration By G Boney 462-466
A Sixteenth Century Clock Illustration By Dr F A B Ward 467-468
Unusual Differentials in Renaissance Clockwork By H B J Karlsen & Graham White 469-482
The First White Dial Longcase Clocks and their Cases, 1772-1773 By Susan E Stuart 534-550
Three Late-Georgian Painted Dials By F Hudson 551-557
The Massey Watch Escapement By Dr Robert Kemp 558-564
Louis Berthoud By Cecil Clutton 565-567
THE FRENCH TOUR … 1982
Turret Clocks By C G McKay 568-571
Musée National de la Renaissance D’Ecouen By Charles K Aked 572-577
The Horological Collection at the National Museum of the Renaissance at Ecouen, Val-D’Oise By Adolphe Chapiro 583
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

A
Abeler, Jürgen, *Meister der Uhrmacher Kunst*, reviewed 550
Adams, George, snr 368, 369
Adams, George, jnr 370, 371
Adams, Morrice 368
*Adams Family, Horology and the*, by John R Millburn 368
Adams', George, Copernican Sphere, Addendum by J R Millburn 582
Adie, Barometer 8
Airy, G B 83
Aitchison, Robert, Edinburgh 268, 269
Aked, Charles K
  *Musée National de la Renaissance d’Ecouen* 572
  *William Oughtred – An early Horological Expositor* 192
Alarm
  Card, Edward, Lantern clock 410
  Clay, Charles, London, Lantern clock, 366, 367
  Forsyth, James, Bracket clock 3
  Gould, Christopher, Wall clock, Turkish numerals 434
  Hoy & Fils, No 91, Carriage clock 114
  S H, early cylindrical alarm clock 572, 573, 574
  Speakman, Thomas, Longcase clock 6
  Vrad, L, & Co, Carriage Clock, Grande & Petite sonnerie, repeater, 405
  Wheeler, Thomas, Longcase 18
Al Biruni 470
Allen, Elias 195
Almanus, Br Paulus 450
Almanus Manuscript, The 470
  *Almanus Manuscript, A Reconstruction from the*, by H G Hammond 450
Antiquarian Horological Society, The
  AGM 1981, minutes 51
  1982, minutes 380
  Meeting, 15 May 1981, report 88
  15 October 1981, report 191
  10 December 1981, report 289
  28 January 1982, report 377
  25 March 1982, report 378
  Visit, 17 July 1981, Windsor Castle, report 191
American Section
  Meeting, 5-7 April 1981, report 86
  Meeting, 6-8 November 1981, report 190
  Meeting, 30 May 1982, report 486
Australian Section, proposed 86
Electrical Horology Group
  AGM & meeting, 4 December 1981, report 287
  Joint Meeting, 19 September 1981, report 190
  Meeting, 11 September 1982, report 578
  Visit, 1 May 1982 484
Hull & East Riding
  Exhibition catalogue 393
Midlands Section, formed 577
Northern Section
  AGM & meeting, 13 January 1982, report 287
  Club Night, 10 April 1981, report 84
  12 June 1981, report 85
  10 July 1981, report 86
  Meeting, 8 May 1981, report 85
  11 September 1981, report 188
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 October 1981</td>
<td>report</td>
</tr>
<tr>
<td>13 November 1981</td>
<td>report</td>
</tr>
<tr>
<td>11 December 1981</td>
<td>report</td>
</tr>
<tr>
<td>12 February 1982</td>
<td>report</td>
</tr>
<tr>
<td>12 March 1982</td>
<td>report</td>
</tr>
<tr>
<td>16 April 1982</td>
<td>report</td>
</tr>
<tr>
<td>7 May 1982</td>
<td>report</td>
</tr>
<tr>
<td>9 June 1982</td>
<td>report</td>
</tr>
<tr>
<td>8 July 1982</td>
<td>report</td>
</tr>
<tr>
<td>10 September 1982</td>
<td>report</td>
</tr>
<tr>
<td>8 October 1982</td>
<td>report</td>
</tr>
<tr>
<td>Visit, 16 May 1981</td>
<td>Townley Hall, report</td>
</tr>
<tr>
<td>11 July 1981</td>
<td>London, report</td>
</tr>
<tr>
<td>24 May 1982</td>
<td>Prescot, report</td>
</tr>
<tr>
<td>22 May 1982</td>
<td>Sheffield, report</td>
</tr>
<tr>
<td>Restoration Group</td>
<td>V13</td>
</tr>
<tr>
<td>AGM &amp; meeting,</td>
<td>30 January 1982, report</td>
</tr>
<tr>
<td>Joint Meeting,</td>
<td>19 September 1981, report</td>
</tr>
<tr>
<td>Southern Section</td>
<td>V13</td>
</tr>
<tr>
<td>Meeting, 6 November</td>
<td>1982, formed</td>
</tr>
<tr>
<td>Turret Clock Group</td>
<td>V13</td>
</tr>
<tr>
<td>AGM, 3 October 1981</td>
<td>report</td>
</tr>
<tr>
<td>&amp; meeting 2 October</td>
<td>report</td>
</tr>
<tr>
<td>Meeting, 9 May 1981</td>
<td>report</td>
</tr>
<tr>
<td>1 May 1982</td>
<td>report</td>
</tr>
<tr>
<td>Visit, 1-3 July 1982</td>
<td>report</td>
</tr>
<tr>
<td>Tour, 3-4 July 1981</td>
<td>report</td>
</tr>
<tr>
<td>Ulster Section,</td>
<td>Meeting 30 January 1982, formed</td>
</tr>
<tr>
<td>Wales and the</td>
<td>V13</td>
</tr>
<tr>
<td>Marches Section</td>
<td>V13</td>
</tr>
<tr>
<td>Meeting, 30 January</td>
<td>1982 formed</td>
</tr>
<tr>
<td>30 October 1982</td>
<td>report</td>
</tr>
<tr>
<td>West Sussex Section</td>
<td>6 November 1982, proposed</td>
</tr>
<tr>
<td>Antiquarian Horology Journal</td>
<td>V13</td>
</tr>
<tr>
<td>1631 to 1981</td>
<td>V13</td>
</tr>
<tr>
<td>Case Makers</td>
<td>139V13</td>
</tr>
<tr>
<td>Engraving</td>
<td>433V13</td>
</tr>
<tr>
<td>How did they do it?</td>
<td>339V13</td>
</tr>
<tr>
<td>How do we do it?</td>
<td>23V13</td>
</tr>
<tr>
<td>Appley, Edmund</td>
<td>Charing Cross, Longcase clock</td>
</tr>
<tr>
<td>Arnold, John</td>
<td>by Cecil Clutton</td>
</tr>
<tr>
<td>Arnold, John Roger</td>
<td>V13</td>
</tr>
<tr>
<td>Arnold, Strand</td>
<td>Mantel clock</td>
</tr>
<tr>
<td>Astronomical Clock</td>
<td>V13</td>
</tr>
<tr>
<td>Benson, Whitehaven</td>
<td>Longcase Clock</td>
</tr>
<tr>
<td>Copland, Prof</td>
<td>45V13</td>
</tr>
<tr>
<td>Ferguson, James</td>
<td>45, 46V13</td>
</tr>
<tr>
<td>King, John</td>
<td>45V13</td>
</tr>
<tr>
<td>Metzger, Jeremias</td>
<td>Table clock</td>
</tr>
<tr>
<td>Aubert, Thomas</td>
<td>Watch-case maker</td>
</tr>
<tr>
<td>Auch, Jacob</td>
<td>70V13</td>
</tr>
<tr>
<td>Name</td>
<td>Volume(s)</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Audemars, Adolphe</td>
<td>69, 72, 75</td>
</tr>
<tr>
<td>Audemars, Albert</td>
<td>72</td>
</tr>
<tr>
<td>Audemars, Col Auguste</td>
<td>72</td>
</tr>
<tr>
<td>Audemars, Charles Henri</td>
<td>75</td>
</tr>
<tr>
<td>Audemars, Eugène</td>
<td>69</td>
</tr>
<tr>
<td>Audemars, François fils</td>
<td>76</td>
</tr>
<tr>
<td>Audemars, François-Elisée</td>
<td>69</td>
</tr>
<tr>
<td>Audemars, Hector</td>
<td>69, 72, 75</td>
</tr>
<tr>
<td>Auld, William, Edinburgh, regulator</td>
<td>70</td>
</tr>
<tr>
<td>Auguste, Paris, Carriage clock No 357, stolen</td>
<td>491</td>
</tr>
<tr>
<td>Bailey, Chris H (Ed), Chauncey Jerome Catalogues, 1852, reviewed</td>
<td>76</td>
</tr>
<tr>
<td>Bailly, Paris, Longcase clock, equation, calendar, regulator</td>
<td>235</td>
</tr>
<tr>
<td>Balances, Penningtons and their, Addendum, Vaudrey Mercer</td>
<td>44</td>
</tr>
<tr>
<td>Barber, Winster, verge watch, No 441</td>
<td>85</td>
</tr>
<tr>
<td>Barker, Sam, Birmingham, dial maker</td>
<td>85</td>
</tr>
<tr>
<td>Barrow, David</td>
<td></td>
</tr>
<tr>
<td>Bastien, Paris, Bracket clock</td>
<td>262</td>
</tr>
<tr>
<td>Bateman, D A, Pendulum Shapes and Accurate Time Keeping, lecture</td>
<td>578</td>
</tr>
<tr>
<td>Bates, Keith, Clockmakers of Northumberland and Durham, reviewed</td>
<td>487</td>
</tr>
<tr>
<td>Bawdyson, Allaine</td>
<td>295</td>
</tr>
<tr>
<td>Bayley, Richard, Red Lion Street</td>
<td>456</td>
</tr>
<tr>
<td>Beckett, Sir Edmund</td>
<td>150</td>
</tr>
<tr>
<td>Bellatti, L, Grantham</td>
<td>241</td>
</tr>
<tr>
<td>Manticha</td>
<td>8, 526</td>
</tr>
<tr>
<td>Tagliabue, C</td>
<td>123</td>
</tr>
<tr>
<td>Barometer</td>
<td>8</td>
</tr>
<tr>
<td>Beraud, Henry</td>
<td>242</td>
</tr>
<tr>
<td>Bergerhof, Nicholaus, Bracket clock</td>
<td>15</td>
</tr>
<tr>
<td>Berry, James</td>
<td>79</td>
</tr>
<tr>
<td>Berthoud, Auguste-Louis</td>
<td>565</td>
</tr>
<tr>
<td>Berthoud, Charles-Auguste</td>
<td>565</td>
</tr>
<tr>
<td>Berthoud, Louis</td>
<td>565</td>
</tr>
<tr>
<td>Berthoud, Louis-Simon-Henri</td>
<td>565</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Berthoud, Louis, by Cecil Clutton 565V13
Berthoud, Ferdinand 146, 148, 565V13
Bescanon Mirror Clock 482V13
Bidell, London, Bracket clock, verge, stolen 143V13
Biedermeier, Grande sonnerie, Vienna regulator 20V13
Billiard, Lewes, Tower clock Rye 295V13

Big Ben – Its engineering past and future, Institute of Mechanical Engineers, reviewed 382V13
Binny, Daniel, Edinburgh 269V13
Bird, Edward, Bristol 456V13
Bishop, J, Sherbourne, movement stolen 88V13
Blackie, George, London, regulator 219V13
Blackwell, Dana J (ed.) Vienna Regulators of Lenzkirch & Lorenz Bob, reviewed 87V13
Blakeborough, H, Turret clock 85V13
Block, Howard, Greenwich Time in Manchester, lecture 286V13
Blondell, Paul by A A Kleeb 376V13
Bob, Vienna Regulators of Lenzkirch and Lorenz, edited by Dana J Blackwell reviewed 87V13
Boney, G, Tompion – Quare Collaboration 462V13

Book ReviewsV13

Alt-Wiener Uhren, Erika Hellich 550V13
Big Ben – Its engineering past and future, Institute of Mechanical Engineers, 382V13
Catalogue of European Scientific Instruments in the Department of Medieval and later Antiquities of the British Museum, by F A B Ward 564V13
Clock and Watch Repairing, by D De Carle 461V13
Clockmakers of Northumberland and Durham, by Keith Bates 487V13
Clocks and the Cosmos – Time in Western Life and Thought by Samuel L Macey, 42V13
Clockwork Universe: German clocks and automata, The Edited by Klaus Maurice & Otto Mayr, 174V13
Collecting and identifying Old Clocks by H G Harris, 41V13
Collecting and identifying Old Watches by H G Harris, 295V13
Dorset Clocks and Clockmakers by Tom Tribe & Philip Whatmoor 487V13
Durham, Clockmakers of Northumberland and, by Keith Bates, 487V13
Greenwich time and discovery of the longitude by Derek Howse 42V13
Hedelandsde Klokk by W F J Hana 267V13
Historic Clocks of County Down by W H Carson 267V13
Jerome, Chauncey, Catalogues, 1852: Bailey, Chris H (ed.), 76V13
Klokken: Een Wegwijzer voor Liefhebbers; Hans van de Kamp 550V13
Longcase Clock, The, by Tom Robinson 437V13
Longcase Clock, The, by Tom Robinson 437V13
Make-it Yourself Nocturnal, National Maritime Museum, 44V13
Meister der Uhrmacher Kunst, Jürgen Abeler 550V13
Montres et horloges, Les, by Catherine Cardinal, 149V13
Prescot, A Town Trail, by R H Fleming 187V13
Vienna Regulators of Lenzkirch and Lorenz Bob, edited by Dana J Blackwell, 87V13
Watches, Collecting and Identifying Old, by H G Harris, 295V13
Watchmaking by George Daniels, 489V13
Watchmaking by George Daniels 489V13
Wetherfield Collection, The, by Eric Bruton, 295V13

Boulliau, Ism 272V13
Boullin, Dr D J, Development of the Quartz Clock, lecture 379V13
Bourne, Mrs S, Furniture Design in the 17th Century, lecture 378V13
Bousset, Victorienn, Carriage clock 10V13
Bracket clockV13

Anon, Continental 512V13
Bastien, Paris 262, 264V13
Bergerhof, Nicholas 15V13
Bidell, London, verge, stolen 143V13
Bull, John, Bedford, repeater 508, 598V13
Bullock, Christopher, verge, calendar, stolen 143V13
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Charleston, London, repeater \textsuperscript{130_V13}
Cloud & Shapland \textsuperscript{335_V13}
Cochrane, Samuel, stolen \textsuperscript{297_V13}
Debauffe, James, Soho, quarter repeater \textsuperscript{240_V13}
Delander, Daniel \textsuperscript{229, 263_V13}
Dutton, Matthew, London \textsuperscript{v13}

verge \textsuperscript{17_V13}
No 304 \textsuperscript{237_V13}
Elicott, John, London \textsuperscript{119, 338_V13}
Field, Thomas, Bath, verge, repeater \textsuperscript{508, 598_V13}
Field, T, stolen \textsuperscript{297_V13}
Forsyth, James, alarm \textsuperscript{3_V13}
Gibb, Joshua, London, verge, quarter chime, repeater \textsuperscript{234_V13}
Goddard, Florimond, stolen \textsuperscript{297_V13}
Gould, Christopher, verge, quarter repeater \textsuperscript{233_V13}
Gretton, London \textsuperscript{263, 265_V13}
Haley, London \textsuperscript{605_V13}
Harrison, William, London, calendar \textsuperscript{134_V13}
Higgs y Diego Evans, Londres, quarter chiming \textsuperscript{245_V13}
Hill, Thomas, London, verge, repeater \textsuperscript{508, 598_V13}
Hughes, Thomas, London \textsuperscript{514_V13}
Knibb, Joseph, London \textsuperscript{v13}

Grande sonnerie \textsuperscript{136_V13}
Quarter repeater \textsuperscript{606_V13}
Loddington, Isaac, London, Quarter chiming, repeater \textsuperscript{131_V13}
Lowndes, Isaac, London, verge, quarter repeater \textsuperscript{417_V13}
McCabe, James, calendar No 14077, stolen \textsuperscript{143_V13}
Markham, Marwick, Bracket clock, Turkish numerals \textsuperscript{435_V13}
Marriot, London, verge \textsuperscript{510_V13}
Moraley, William, London \textsuperscript{121_V13}
Mudge, Thomas, marine chronometer, Graham escapement \textsuperscript{151, 152_V13}
Northcote, Plymouth, \textsuperscript{171, 172_V13}
Norton, Eardley, London, Musical clock \textsuperscript{523_V13}
Penton, Charles lunar indication \textsuperscript{244, 431_V13}
Priest, George, Norwich, stolen \textsuperscript{491_V13}
Prior, Edward, Turkish numerals \textsuperscript{436_V13}
Quare Daniel, London \textsuperscript{v13}

No 143 \textsuperscript{525_V13}
verge \textsuperscript{228_V13}
verge and quarter repeater \textsuperscript{116_V13}
Recordon, Spencer & Perkings, Turkish numerals \textsuperscript{436_V13}
Rimbaut, Stephen, verge, stolen \textsuperscript{143_V13}
Smith, James, London, verge \textsuperscript{137_V13}
Smith & Son, London, repeater \textsuperscript{428_V13}
Snelling, James, verge, stolen \textsuperscript{143_V13}
Snow, John, London, verge \textsuperscript{512_V13}
Tompion, Thomas, \textsuperscript{v13}

No 195, quarter repeating \textsuperscript{407_V13}
No 298, quarter repeater \textsuperscript{238, 239_V13}
No 317 \textsuperscript{524_V13}
Grande sonnerie \textsuperscript{330_V13}
Tregent, James, London, Verge \textsuperscript{125_V13}
Tregent, T, stolen \textsuperscript{297_V13}
Vulliamy, London, No 634 \textsuperscript{231_V13}
Vulliamy, Justin, London \textsuperscript{515_V13}
Ward, Benjamin, London stolen \textsuperscript{88_V13}
Watson, Sam., London, repeater \textsuperscript{113_V13}
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Williams</td>
<td>Islington</td>
<td>512^V13</td>
</tr>
<tr>
<td>Wise</td>
<td>Reading</td>
<td>512^V13</td>
</tr>
<tr>
<td>Younge</td>
<td></td>
<td>9^V13</td>
</tr>
<tr>
<td>Bradley</td>
<td></td>
<td>169^V13</td>
</tr>
<tr>
<td>Bras-en-l’air clock</td>
<td></td>
<td>308^V13</td>
</tr>
<tr>
<td>Bradshaw</td>
<td>Coventry</td>
<td>456^V13</td>
</tr>
<tr>
<td>Breguet</td>
<td></td>
<td>145, 147, 173, 179, 565^V13</td>
</tr>
<tr>
<td>‘Expertise’ by Cecil Clutton</td>
<td></td>
<td>384^V13</td>
</tr>
<tr>
<td>Huygens</td>
<td></td>
<td>356^V13</td>
</tr>
<tr>
<td>Watch No 894</td>
<td></td>
<td>484^V13</td>
</tr>
<tr>
<td>Watch No 2077</td>
<td></td>
<td>66^V13</td>
</tr>
<tr>
<td>Breguet et Fils</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Watch No 2201</td>
<td>stolen</td>
<td>391^V13</td>
</tr>
<tr>
<td>Brenner</td>
<td></td>
<td>469^V13</td>
</tr>
<tr>
<td>Briggs conical pendulum clock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brinsborough</td>
<td></td>
<td>294^V13</td>
</tr>
<tr>
<td>Brockbank</td>
<td>London</td>
<td>559, 561^V13</td>
</tr>
<tr>
<td>Bromilow</td>
<td></td>
<td>81^V13</td>
</tr>
<tr>
<td>Bromley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Burtin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calendar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bailly</td>
<td>Cotton, Victorian</td>
<td>85^V13</td>
</tr>
<tr>
<td>Calendar, perpetual</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benson</td>
<td>Watch No 25007</td>
<td>235^V13</td>
</tr>
<tr>
<td>Ferguson Cole</td>
<td></td>
<td>143^V13</td>
</tr>
<tr>
<td>Gold hunter</td>
<td></td>
<td>134^V13</td>
</tr>
<tr>
<td>Mudge</td>
<td>Watch No 574</td>
<td>105, 218, 310, 403^V13</td>
</tr>
<tr>
<td>Camper Cuss</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Campani</td>
<td>Matteo</td>
<td>264^V13</td>
</tr>
<tr>
<td>Campani, Pietro Tommaso</td>
<td>Night clock</td>
<td>229, 264^V13</td>
</tr>
<tr>
<td>Campani</td>
<td>Guiseppe</td>
<td>264^V13</td>
</tr>
<tr>
<td>Card</td>
<td></td>
<td>410^V13</td>
</tr>
<tr>
<td>Cardinal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carlton</td>
<td>Bolton</td>
<td>85^V13</td>
</tr>
<tr>
<td>Carr</td>
<td>Coventry</td>
<td>456^V13</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Carriage clock

Anon, French
Anon, repeater
Auguste, Paris, No 357, stolen
Benson, J W, repeater
Bousset, Victorien
Cole, James, musical
Dent, F, No 1458
Drocourt
Garnier, Paul
stolen
No 1032, stolen
Hoy & Fils, No 91, alarm
Jacot
Lepaute, Henri
Leroy et Fils
Losada, J R, repeater
McCabe, James
Marc, Henri
Rait, D
Sewill
Vrad, L, & Co, grande & petite sonnerie, repeater, alarm

Carruthers, William, Case maker
Carson W Harold
Historic Clocks of County Down reviewed
Historic Clocks of Down, lecture
Cases, 1772–1773, The first White Dial Longcase Clocks and their, by Susan E Stuart
Castille, History of Oliver of, ms
Catalogue of European Scientific Instruments in the Department of Medieval and later Antiquities of the British Museum, by F A B Ward, reviewed
Cawson, Edward, Lancaster
Chapelain
Chapiro, Adolphe, Horological Collection at the National Museum of the Renaissance at Ecouen, Val-d’Oise
Charleston, London, Bracket clock, repeater
Charman, watch No 9074, stolen
Chatter, Ellias, London
Cheshire and Lancashire, Clockmaking in, lecture by Ernest Edwardes
Chesworth, Thomas
Chiming, quarter
Gibb, Joshua, London, Bracket clock, verge, repeater
Higgs y Diego Evans, Londres, Bracket clock
Loddington, Isaac, London, Bracket clock, repeater
Chronograph
Gold hunter, minute repeater, perpetual calendar
Audemars, L, complicated watch, 3 train grande sonnerie, minute repeater, chronograph
Benson, J W, Watch No 25007, perpetual calendar, quarter repeating
Chronometer
Arnold, John Roger
Frodsham & Keen, 8-day
Hatton, Jas
Harpur, W E, Philadelphia, No 507
Kullberg, Victor, London
Litherland Davies & Co
Loseby, E T, Liverpool, No 112
McGregor, 8-day
Mercer, Thomas
No 13705, stolen
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

No 16313, **stolen** 297\textsuperscript{V13}

Mudge, Thomas, Bracket clock, Graham escapement **151, 152**\textsuperscript{V13}

**Chronometer, pocket** \textsuperscript{V13}

Arnold, John, No 84 **595**\textsuperscript{V13}

Jargenson, Julie, Copenhagen, full hunter No 6185 **stolen** 391\textsuperscript{V13}

Murray, J, London, No 8420, **stolen** 391\textsuperscript{V13}

**Chronos** \textsuperscript{V13}

May 1981 **177**\textsuperscript{V13}

January 1982 **387**\textsuperscript{V13}

March 1982 **388**\textsuperscript{V13}

Clapham, John, Loughborough **456**\textsuperscript{V13}

Clay, Charles, London, Lantern clock, alarm **366, 367**\textsuperscript{V13}


Clement, William, Longcase clock **258**\textsuperscript{V13}

Cliborne, A F, *Mudge Milestones (Addenda)* **144**\textsuperscript{V13}

Clitherow, Thomas **79**\textsuperscript{V13}

Clock casemaker Latz, J P, Paris **262**\textsuperscript{V13}

*Clockmakers. The Worshipful Company of,* **141**\textsuperscript{V13}

Clockmakers Company, The **366**\textsuperscript{V13}

*Clocks and the Cosmos – Time in Western Life and Thought* by Samuel L Macey, **reviewed** 42\textsuperscript{V13}

Clocks, Pottery & lecture by Prof A Smith **188**\textsuperscript{V13}

Clock-watch**\textsuperscript{V13}

Paulet, London, quarter repeater, **stolen** **585**\textsuperscript{V13}

Gounouilhou, Simon, Geneva, quarter striking with musical automata **129**\textsuperscript{V13}

Graham, George, repeater, **stolen** **586**\textsuperscript{V13}

*Clockwork Universe: German clocks and automata, The* Edited by Klaus Maurice & Otto Mayr, **reviewed** 174\textsuperscript{V13}

*Clockwork, Unusual Differentials in Renaissance,* by H B J Karlsen and Graham White **469**\textsuperscript{V13}

Cloud, John, Turret clock **483**\textsuperscript{V13}

Cloud & Shapland, Bracket clock **335**\textsuperscript{V13}

Clutton, Cecil**\textsuperscript{V13}

*John Arnold* **148**\textsuperscript{V13}

*Louis Berthoud* **565**\textsuperscript{V13}

‘*Breguet Expertise*’ **384**\textsuperscript{V13}

Josiah Emery and John Leroux **146**\textsuperscript{V13}

Cochrane, Samuel Bracket clock, **stolen** **297**\textsuperscript{V13}

Cole, James, Carriage clock, musical **355**\textsuperscript{V13}

*Collecting and identifying Old Clocks* by H G Harris, **reviewed** 295\textsuperscript{V13}

*Collecting and identifying Old Watches* by H G Harris, **reviewed** 295\textsuperscript{V13}

Collier, Sam, Eccles, painted dial clock **85**\textsuperscript{V13}

Colls (Collo), Dedie **294**\textsuperscript{V13}

Collyer, Ben, London, Longcase clock **127**\textsuperscript{V13}

Conical Pendulum Clock, Briggs **600**\textsuperscript{V13}

Cook, William, Liverpool **562**\textsuperscript{V13}

Cooke, John, London, Longcase clock **118**\textsuperscript{V13}

Cooper, William, Derby **455**\textsuperscript{V13}

Copland, Prof Patrick, Astronomical clock **45**\textsuperscript{V13}

Cornwall, Jas, Liverpool **562**\textsuperscript{V13}

Watch No 782 **560**\textsuperscript{V13}

Coster, Salomon **255, 257, 262, 270**\textsuperscript{V13}

Coventry Watch Company **78**\textsuperscript{V13}

Cowan, James, Edinburgh **269**\textsuperscript{V13}

Craw, Alex, Arbroath, Painted dial clock **556**\textsuperscript{V13}

Crockford, Matt, London, Longcase clock **85**\textsuperscript{V13}

Cronier, Paris, Longcase clock **262**\textsuperscript{V13}

Crucifix Watch, Anon, French **572, 575**\textsuperscript{V13}

Cuckoo clock**\textsuperscript{V13}

Wehrle **353**\textsuperscript{V13}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Cumming, George, *A comparision of two Mid-Scotland Long Case Dials* 282V13

D

Daniels, George

*Thomas Mudge the Complete Horologist* 179, 267V13

*Watchmaking, reviewed* 150V13

Davie, John, Linlithgow

282, 283V13

Davis, Wm, Longcase clock, lunar indication

13V13

Davis, W & Sons, Birmingham, Turret clock

483V13

Davrainville, Paris, Musical mechanism

354V13

Dawson, Percy G, *Repatriated English Clocks*

434V13

Deacon, John, Leicester

456V13

*Dead Beat Escapement* by LW Penman

191V13

Debaufre, James, Soho, Bracket clock, quarter repeater

240V13

De Carle, D, *Clock and Watch Repairing, reviewed*

461V13

*Defining a Musical Clock* by Arthur W J G Ord-Hume

340V13

Degré, Jean Baptiste, Mantel clock

2V13

Delander, DanielV13

Bracket clock

229, 263V13

Watch No 146, quarter repeater

521V13

Demolyn, John

294V13

Dennet, J, S'. Helens, painted dial clock

85V13

DentV13

Turret clock

483V13

Wall regulator, No 52882, Year going

415V13

Watch stolen

143V13

Dent, F, Carriage clock No 1458

519V13

Derham, William

198V13

Portrait

198V13

Development of the Pendulum Clock 1656 –1659, *The*, by R D Dobson

270V13

Development of the Quartz Clock, *lecture by* Dr D J Boullin

379V13

Dial makerV13

Barker, Sam, Birmingham

85V13

Fenton, Elizabeth

85V13

Golay-Progler, David

72V13

Hippkiss & Harold

85V13

Osborne

85V13

Rowley, Liverpool

85V13

Walker & Fennimore

85V13

Walker & Hughes

85V13

Whitaker & Shreeve

85V13

Wilson

85V13

Dials, *A comparision of two Mid Scotland Long Case*, by George Cumming

282V13

Dickie, A, Edinburgh

268, 269V13

Dickie, William, Dunfermline

283V13

Differentials in Renaissance Clockwork, *Unusual* by H B J Karlsen and Graham White

469V13

Differentials in Renaissance Clockwork, *Unusual, Addendum*, by H B J Karlsen

582V13

Dilger, Cuckoo clock

353V13

Dobson, R D, *The Development of the Pendulum Clock 1656 –1659*

270V13

Doke, Richard

81V13

Dolland, Barometer

8, 526V13

Domestic Clock, The Evolution of the European, *lecture by* Dr F A B Ward

88V13

Domestic Clocks *lecture by* Tom Robinson,

378V13

Domestic Clocks, The Evolution of European, by Dr F A B Ward

248V13

Doke, Richard, Liverpool

562V13
Dondi  470

Donisthorpe, George, Musical clock  362

*Dorset Clocks and Clockmakers* by Tom Tribe & Philip Whatmoor, reviewed  487

Douw, Simon, Rotterdam  271

*Down, Historic Clocks of County,* by W H Carson reviewed  267

*Down Historic Clocks of,* lecture by Harold Carson  289

Dresden Clock, The  473

Drocourt Carriage clock  529, 531

Duffner, Cuckoo clock  353

*Durham, Clockmakers of Northumberland and,* by Keith Bates, reviewed  487

Duroy, Paris, porcelain mantel clock, stolen  586

Durrant, Charles  294

Dutton,  164

   Bracket clock  17

   Longcase clock No 291  236

   Bracket clock No 304  237

Duttons, Messrs  453

E

Eayre, Joseph, Equation clock  31, 33

Earnshaw, Thomas  146, 148, 175, 567

   Longcase clock regulator  227, 315

Earnshaw, Thomas, by Vaudrey Mercer  175

East, Eduardes, London, Table clock  316, 412

Edwardes, E L, *New Light on Early Pendulum Clocks (Addendum)*  381

Edwardes, Ernest, *Clockmaking in Cheshire and Lancashire,* lecture  581

Electric clock

   *Eureka Clock repairs,* lecture by John Harrison  190

   Ferranti  288

   Smiths  288

   Synch  288

   *Synchronous Electric Clock, The,* lecture by T R Robinson  287

   Temco  288

Ellicott, John, London

   Bracket clock  119

   Bracket clock  338

Emery, Josiah

   Watch No 1289  147

Emery, Josiah & Leroux, John by Cecil Clutton  146

*English Clocks, Repatriated* by Percy G Dawson  434

Equation clock

   Bailly, Paris, Longcase, regulator, calendar  235

   Eayre, Joseph  31, 33

   Fromanteel  29

   Kinzig  31

   Lepaute  26, 31

   Marie, John  34, 36, 37

   Mudge, Thomas, London, Longcase clock  138, 157, 158, 159

   Robin, Paris, watch  511

   Tompion, Thomas, in Buckingham Palace

   Williamson, Joseph  30, 31, 32

*Equation Clocks* by J Wenzel  24

Equation Watch  411

*Escapement*

   Magnetic by R B Horstmann  191

   Mudge, Thomas, Bracket clock, marine chronometer, Graham escapement  151, 152
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Dead beat, Graham 146

Dead Beat by LW Penman 191

Constant force, double impulse chronometer, designed by Alan Bennett 142

Escapement, The Massey Watch, by Dr Robert Kemp 558

Eureka electric Clock repairs, lecture by John Harrison 190

European Domestic Clocks, The Evolution of, by Dr F A B Ward 248

Evans, Diego, Higgs y, Londres, Bracket clock, quarter chiming 245

Evans, Richard, Liverpool 562

Evers, Chester, painted dial clock 85

Evolution of the European Domestic Clock, The, lecture by Dr F A B Ward 88

Evolution of European Domestic Clocks, The, by Dr F A B Ward 248-266

Exhibition

Clockwork Universe 1980 174, 177

Crystal Palace, 1851 72

French Clocks, Loan of 564

Hull & East Riding 393

London International, 1862 72

Paris, 1867 72

Paris, 1878 72

Philadelphia, 1876 72

Vienna, 1873 72, 75

Export of Clocks from Leith, 1743 to 1792, by G Gibb & F Hudson 268

Fabraham, Joseph, Waltham Abbey, Longcase clock, repeater 132

Falconer, Leo, Hong Kong, watch, half hunter minute repeater, stolen 391

Fayrer, Thomas 546

Feau, Nicholas 481

Fenton, Elizabeth, dial maker 85

Ferguson Cole, James, London, Watch lunar indication, perpetual calendar 129

Ferguson, James, Astronomical clock 45, 46

Ferranti, Electric clock 288

Field, Thomas, Bath, Bracket clock, verge, repeater 508, 508

Field, T, Bracket clock, stolen 297

Files, Manufacture of, lecture by J Nicholson 84

Flamsteed, John 192, 196

Fleming, R H, Prescot, A Town Trail reviewed 187

Fletcher, R, Chester, painted dial clock 85

Flying Pendulum Clock 600

Fobis, Pierre, Stuttgart 478

Fol, Paris, pendant watch (repro) stolen 491

Forber, John 80

Forrester, David, Dublin, watch No 150, stolen 391

Forrester, P & Co, Edinburgh 268, 269

Forsyth, James, Bracket clock, alarm, repeater 3

Francis, Edward, Maesbury 581

Francis, M, Watch 561

French Clockmakers at Nonsuch by Clive N Ponsford 294

French Tour 1982, Turret Clocks by C G McKay 568

Freunde Alter Uhren

AGM report 149

Visit Summer 1982, report 557

Vol. XXI, reviewed 449

Frodsham, London watch 224

Frodsham, Gracechurch St, Mantel clock 505

Frodsham, Charles, Split seconds watch No 08768 601
Cumulative Index for Antiquarian Horology Volumes 10 to 19

Compiled by Edward Powell @ AHS 2006

Frodsham & Keen, 8-day marine Chronometer 234V13

Frodshams, The, lecture by Vaudrey Mercer 289V13

Fromanteel 29V13

Fromanteel, Ahasuerus 257, 277V13

Fromanteel, John 257, 270V13

Furniture Design in the 17th Century, Bourne, Mrs S, lecture by 378V13

Further Reading, for your

Alte UhrenV13

April 1981 177V13

July 1981 149V13

April 1982 [? ]V13

July 1982 557V13

October 1982 557V13

ChronosV13

May 1981 177V13

January 1982 387V13

March 1982 388V13

April 1982 449V13

August 1982 557V13

Interchron, Brussels 1978 66V13

Ur OptikV13

September 1981 149V13

December 1981 293V13

February 1982 358V13

March 1982 358V13

October 1982 557V13

Ure and OptikV13

August 1981 149V13

March 1982 358V13

G

Galilei, Galileo 255, 274V13

Galilei, Vincenzo 255V13

Garnier, PaulV13

Carriage clock, stolen

No 1032, stolen 297V13

Gartly, Aberdeen, Secondary clock 46V13

Gazeley, W J 147, 176V13

Gear making lecture by Messrs Isaacs & Timmins 289V13

Geneve Clock, The 477V13

George III, King 146V13

German clocks and automata, The Clockwork Universe, Edited by Klaus Maurice & Otto Mayr, reviewed 174V13

Gibb, G & F Hudson, Export of Clocks from Leith, 1743 to 1792 268V13

Gibb, Joshua, London, Bracket clock, verge, quarter chime, repeater 234V13

Gillow, Richard 534V13

Gillow, Robert 534V13

Gillow, Robert, Jnr 534V13

Glasius, E H, Early Pendulum Clocks (Addendum) 564V13

Goddard, Florimond, Bracket clock, stolen 297V13

Godfrey, Henry, Longcase clock 259V13

Golay, Abel 67V13

Golay, Pierre Henri 67, 72V13

Golay-Progler, David, dial-maker 72V13

Good R, Watch by Thomas Mudge, No 574, with perpetual calendar mechanism 178V13

Goodison, Nicholas 267V13

Gothic clock V13

Liechti, Erhard, Winterthur, 252V13

Gouge, Paris, Watch, musical, repeater 484V13
Gould, Christopher
Bracket clock, verge, quarter repeater 233V13
Wall clock, alarm, Turkish numerals 434V13

Gounouilhou, Simon, Geneva, Clock-watch, quarter striking, musical automata 129V13
G Q, Watch-case maker 73V13

Graham, George
Clock No 644, setting of 26V13
Clock watch, repeater, stolen 586V13
Dead-beat escapement 146V13
Longcase No 573 422V13
Longcase No 590, month going 321V13
Longcase No 747 423V13
Watch No 358, stolen 297V13
Watch, verge, stolen 143V13

Grant, John, Fleet Street 456V13

Gray, Benjamin & Vulliamy, Justin, London, Longcase clock 124V13
Gray, George 268, 269V13
Gray, I, Edinburgh 268, 269V13
Greatorex, Ralph 195V13
Greenwell, Whitfield 456V13

Greenwich time and discovery of the longitude by Derek Howse reviewed 42V13

Greenwich Time in Manchester, lecture by Howard Block 286V13
Gregson, John, Bruton Street 455V13
Gretton, London, Bracket clock 263, 265V13
Grimes, Thomas, London, Longcase clock 126V13
Grinkin, Robert 278V13

H
Habrecht, Isaac 348V13
Haley, London, Bracket clock 605V13
Halley, Edmund 196V13
Portrait 196V13
Hallifax, London, Wall clock 50V13
Hamlet, William, Liverpool, Watch No 1841 562V13
Hammond, H G, A Reconstruction from the Almanus Manuscript 450V13
Hana, W F J, Nederlandse Klokken reviewed 267V13
Hannah, J, A Vienese Quarter Striking Mechanism 386V13
Hand Engraving lecture by Derek Knowles 191V13
Hanet, Paris 276V13
Hanriot 565V13
Haque, Jules 75V13
Hardy, William, regulator 12V13
Haresnape, George 534V13
Harpur, W E, Philadelphia, Chronometer, No 507 418V13
Harris, H G, Collecting and identifying Old Clocks, reviewed 41V13
Harris, H G, Collecting and identifying Old Watches, reviewed 295V13
Harrison, Newcastle 268, 269V13
Harrison, John
No 4 Timekeeper 157V13
No 5 162V13
Harrison, John, Eureka electric Clock repairs, lecture 190V13
Harrison, William, Liverpool 562V13
Harrison, William, London, Bracket clock, calendar 134V13
Hart, Naphali, Liverpool 562V13
Harvey, Thomas, Colchester, Lantern clock 336V13
Hatton, Jas, Chronometer, marine 5V13
Haycock, Charles, Messrs Wm Haycock of Ashbourne, lecture by 188V13
Haycock of Ashbourne, Messrs Wm, lecture by Charles Haycock 188V13
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Hayes, Walter

_Hazards of an Early Luminous Watch, The_, by Eric Street 383

Heath, Thomas

_Nederlandse Klokken_ by W F J Hana reviewed 267

Hellich, Erika, _Alt-Wiener Uhren_, reviewed 550

Henderson, John, Dunfermline 551, 552, 553

Henkels, Jan, Amsterdam, Longcase clock, calendar and lunar indications 105, 218, 310, 403

Hermelink, Jan, Amsterdam, Longcase clock, calendar, lunar indication 259, 260

Hewitt, Joseph 81

Hewitt, T P 80, 81

Higgs y Diego Evans, Londres, Bracket clock quarter chiming 245

Hill, Thomas, London, Bracket clock verge, repeater 508, 598

Hipkiss, Richard, Birmingham, Painted dial 554, 555, 556

Hipkiss & Harold, dial maker 85

_Historic Clocks of County Down_ by W H Carson reviewed 267

_Historic Clocks of Down, lecture by_ Harold Carson 289

History of Oliver of Castille, ms 249, 250

Hodemart, André 67

Holmes, Strand, Longcase clock 111

Holmes, John, Longcase clock 7

Holmes, Richard, watch maker 79

Holmes, William, Strand 455

Hope Jones, Frank 287

Hoppin, Matthew, Turret clock 54

Horloge de Sapience, L’, ms 250

Hornby, James, Liverpool 562

Hornby, Richard, Liverpool 562

Horologium Sapientiae, ms 248, 250

Horological Collection at the National Museum of the Renaissance at Ecouen, Val-d’Oise by Adolphe Chapiro 583

_Horology and the Adams Family_ by John R Millburn 368

Horsmann R B, _Magnetic Escapement_ 191

Howden, James, Edinburgh 456

_Howse, Derek, Greenwich time and discovery of the longitude_. reviewed 42

Hoy & Fils, No 91, Carriage clock, alarm 114

Huber Johann 151, 168

Hudson, G Gibb & F, _Export of Clocks from Leith, 1743 to 1792_ 268

_Hudson, F, Three late-Georgian Painted Dials,_ 551

Hughes, Thomas, London, Bracket clock 514

Hulse, Market Drayton, painted dial clock 85

Hunt & Roskell, Mantel Clock pyx form 603

Huygens 255, 262, 264, 270

_I_ Illustration, _A Sixteenth Century Clock_, by Dr F A B Ward 467

Ingold, P F 72

_Institute of Mechanical Engineers, Big Ben – Its engineering past and future_, reviewed 382

Interchron, Brussels, 1978 66

Isaacs & Timmins, _Gear making_. lecture 289

_J_ Jackson, W, Frodsham, painted dial clock 85

Jacot, Carriage clock 529

Japanese Temple clock 326

Jargenson, Julie, Copenhagen, full hunter pocket chronometer, No 6185, stolen 391

Jaquet-Droz 355

Jerome, Chauncey, _Catalogues, 1852: Bailey, Chris H (ed.)_, reviewed 76

Johnes, Colonel 453

Johnson, Joshua, Liverpool 562

Johnson, Thomas, Prescot 456
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Jones, Thomas 81

Julion, John, Longcase clock 599

Jump, London, Table regulator 608

K

Kaiser, A, Amsterdam 275

Karlsen, H B J, and Graham White, Unusual Differentials in Renaissance Clockwork 469

Karlsen, H B J, Unusual Differentials in Renaissance Clockwork, Addendum 582

Kemp, Dr Robert

Massey Watch Escapement, The 558

Watch Movement Making in Prescot 77

Kendal, Larcum 164

Kiening, Hans, Mantel clock, calendar 255

King, John, Astronomical clock 45

Kinzig, Equation Clock 31

Kleeb, A A, Paul Blondell 376

Klokken: Een Wegwijzer voor Liefhebbers, Hans van de Kamp, reviewed 550

Knibb, Joseph, Hanslop

Longcase clock 426

597

Knibb, Joseph, London 257

Bracket clock, Grande sonnerie 128

Bracket clock, Grande sonnerie 136

Longcase clock 608

Wall clock 314

Knowles, Derek, Hand Engraving lecture 191

Knowles, Miss L, Prescot Clock and Watch Museum, Lecture 485

Kullberg, Victor, London, chronometer 509

L

Lamberd (Lambert) Robert 294

Lancashire, Clockmaking in Cheshire and, lecture by Ernest Edwardes 581

Lancashire Watch Company 77, 78, 80

Lange, Adolph, Dresden Watch No 3542 stolen 391

Lange, Bauart, & Söhne, wrist watch, stolen 88


Lantern Clock

Anon 135

Card, Edward, alarm 410

Clay, Charles, London, alarm 366, 367

Harvey, Thomas, Colchester 336

Webb, Edward, Chewstoke 257

Lassell, W, Toxteth Park, painted dial clock 85

Latz, J P Paris, Clock casemaker 262

La Vallée and L B Audemars, Some Notes on, by T A Camerer Cuss 67

Laurent 565

Le Coultrie, Antoine 67

Le Coultrie, Hector 72

Le Coultrie, Julie 67

Le Coultrie, Louis 66

Leeoultre-Gublet 357

Lectures

Bateman, D A, Pendulum Shapes and Accurate Time Keeping 578

Block, Howard, Greenwich Time in Manchester 286

Boullin, Dr D J, Development of the Quartz Clock 379

Bourne, Mrs S, Furniture Design in the 17th Century 378

Carson, Harold, Historic Clocks of Down 289

Clutton, Cecil, John Leroux & Josiah Emery 146

Edwardes, Ernest, Clockmaking in Cheshire and Lancashire 581
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Harrison, John, *Eureka electric Clock repairs* 190\V
Haycock, Charles, *Messrs Wm Haycock of Ashbourne* 188\V
Hutchinson, B, *Worm gearing in Clockwork* 289\V
Isaacs & Timmins, *Gear making* 289\V
Knowles, Derek, *Hand Engraving* 191\V
Knowles, Miss L, *Prescot Clock and Watch Museum* 485\V
McKay, C G, *Turret Clocks by B L Vulliamy* 189, 378\V
Mercer, Vaudrey, *The Frodshams* 289\V
Morgan Jones, Mrs B, *Clock and Watch makers of Wrexham* 580\V
Nettell, David, *The Development of Turret clocks* 580\V
Nicholson, J, *Manufacture of Files* 84\V
Ord Hume, Arthur, *Mediaeval Clockwork Music* 377\V
Pryce, Dr W T R, *The Numbers Men* 581\V
Robinson, T O, *Some aspects of provincial clocks and clockmaking* 577\V
Robinson, T R

- *Domestic Clocks* 378\V
- *The Synchronous Electric Clock* 287\V

Smith, Prof A\V
- *Gold, Silver & Clock Museum, Leiden* 287\V
- *Pottery & Clocks* 188\V

Smith, Nicholas, *250 years of tower clock making in Derby* 579\V
Sparks, Brian, *Turret clocks of the Midlands* 84\V

Taylor, Bill, *Workshop Equipment* 190\V
Tennant, Mrs F M, *Painted Dial Clocks* 85\V
Treherne Alan, *The Nature of Time* 485\V

Wallman, Prof Henry, *Automatic Winding for Turret Clocks* 579\V
Ward, Dr F A B, *Evolution of the European Domestic Clock, The* 88\V
Wilding, John, *Photography* 190\V

Leeson, William, Turret clock, Coleshill 84\V
Leith, *Export of Clocks from, 1743 to 1792, by G Gibb & F Hudson* 268\V
Lenzkirch, *Longcase clock, musical* 357\V
Lenzkirch and Lorenz Bob, *Vienna Regulators of*, edited by Dana J Blackwell reviewed 87\V

Lepaute, *Equation clock* 26, 31\V
Lepaute, Henri, *Carriage clock* 531\V
Lepine, Paris\V
- *regulator, table* 225\V
- *Watch, quarter repeater, verge* 484\V

Leroux, John 145\V
Le Roy 567\V
Le Roy, Pierre 147\V
Carriage clock 531\V
Watch No 36 148\V

Le Roy et fils
- *watch No 52111, stolen* 297\V

Le Sene, (Lesney ...), Sebastian 294, 295\V
Leshot 355\V
Lewis, Wincanton (movement) *stolen* 297\V

Lindsay, George, *Musical clock* 349, 353\V
Liechti, Erhard, Winterthur, *Gothic clock* 252\V
*Litchfield Clock* by J Orange 359\V
Litherland, Liverpool 562\V
Litherland Davies & Co, *Chronometer marine* 16\V
Livesey, Jno, Blackburn 541\V
Lodgington, Isaac, London, *Bracket clock, Quarter chiming, repeater* 131\V

Longcase Clock\V

Appley, Edmund, *charing Cross* 413\V
Bailly, Paris, *regulator equation, calendar* 235\V
Benson, Whitehaven, astronomical 259, 260
Bishop, J, Sherbourne, movement stolen 88
Clement, William 258
Collyer, Ben, London 127
Cooke, John, London 118
Crockford, Matt, London 85
Cronier, Paris 262
Davis, Wm, lunar indication 13
Dutton, Matthew, London, No 291 236
Earnshaw, Thomas, regulator 227, 315
Fabraham, Joseph, Waltham Abbey, repeater 132
Godfrey, Henry 259
Graham, George 422
Gray, Benjamin & Vulliamy, Justin, London 124
Grimes, Thomas, London 126
Hall, Joseph, London 421
Henkels Jan, Amsterdam, lunar indication, calendar 105, 218, 310, 403
Hermelink, Jan, Amsterdam, calendar, lunar indication 259, 260
Holmes, John, lunar indication 7
Holmes, Strand 111
Julion, John 599
Knibb, Joseph, Hanslop 426
Knibb, Joseph, London 608
Lenzkirch, musical 357
Lewis, Wincanton (movement) stolen 297
Mappin & Webb 427
Markham, Marwick, Longcase, musical, Turkish numerals 435
Morgan Thomas, Manchester, regulator 424
Mountford, John, London 85
Mudge, Thomas, London equation 138, 157, 158, 159
Roberts 604
Seddon, Grande sonnerie 291
Speakman, Thomas, Alarm 6
Smith, Samuel, London, Musical clock 425
Stanton, Edward, Longcase clock 14
Tolley, Charles, London 420
Thistle, Stogursey (movement) stolen 297
Tompion, Thomas, No 540 322
Van Ceulen, Johannes, The Hague 262, 263
Vulliamy, Justin & Gray, Benjamin, London 124
Wells, Solihull 86
Wheel, Thomas 18
Wilson James, NI, Longcase clock 86
Wych, Mathias, Epping 85

Longcase Clock, The, by Tom Robinson reviewed 437
Long Case Dials, A comparision of two Mid-Scotland, by George Cumming 282
Longcase Clocks and their Cases, 1772 –1773, The first White Dial, by Susan E Stuart 534
Long-duration, month
Graham, George, Longcase clock No 590 321
Long-duration, year
Dent, No 52882, Wall regulator 415
<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Description</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tompion, Thomas</td>
<td>Mantel clock</td>
<td></td>
<td>333V13</td>
</tr>
<tr>
<td>Lord, William</td>
<td>Liverpool</td>
<td></td>
<td>562V13</td>
</tr>
<tr>
<td>Losada, J R</td>
<td>Carriage Clock</td>
<td></td>
<td>11V13</td>
</tr>
<tr>
<td>Loseby, E T</td>
<td>Liverpool, Chronometer</td>
<td>No 112</td>
<td>516V13</td>
</tr>
<tr>
<td>Lovelace, Clock</td>
<td>The</td>
<td></td>
<td>348V13</td>
</tr>
<tr>
<td>Low, Charles</td>
<td>Arbroath, Painted dial clock</td>
<td></td>
<td>555V13</td>
</tr>
<tr>
<td>Lowndes, Isaac</td>
<td>London Bracket clock, verge, quarter repeater</td>
<td>417V13</td>
<td></td>
</tr>
<tr>
<td>Luminous Watch, The Hazards of an Early, by Eric Street</td>
<td>383V13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lunar indication</td>
<td>Davis, Wm, Longcase clock</td>
<td></td>
<td>13V13</td>
</tr>
<tr>
<td></td>
<td>Ferguson Cole, James, London, Watch, perpetual calendar</td>
<td>129V13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Henkels Jan, Amsterdam, Longcase clock, calendar</td>
<td>105, 218, 310, 403V13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hermelink, Jan, Amsterdam, Longcase clock, calendar</td>
<td>259, 260V13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Holmes, John, Longcase clock</td>
<td></td>
<td>7V13</td>
</tr>
<tr>
<td></td>
<td>Penton, Charles, Bracket clock</td>
<td></td>
<td>244V13</td>
</tr>
<tr>
<td></td>
<td>Ruel, Samuel, Rotterdam, Watch No 372, calendar</td>
<td>115V13</td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>Macey, Samuel L, Clocks and the Cosmos – Time in Western Life and Thought. reviewed</td>
<td>42V13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>McGregor, 8-day marine Chronometer</td>
<td></td>
<td>234V13</td>
</tr>
<tr>
<td></td>
<td>McCabe, James, Royal Exchange</td>
<td></td>
<td>13V13</td>
</tr>
<tr>
<td></td>
<td>Bracket Clock, No 14077, calendar, stolen</td>
<td></td>
<td>143V13</td>
</tr>
<tr>
<td></td>
<td>Carriage clock</td>
<td></td>
<td>528V13</td>
</tr>
<tr>
<td></td>
<td>Watch No 10261</td>
<td></td>
<td>405V13</td>
</tr>
<tr>
<td></td>
<td>McKay, C G</td>
<td>Turret Clocks by B L Vulliamy, lecture</td>
<td>189, 378V13</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Turret Clocks on the French Tour 1982</td>
<td>568V13</td>
</tr>
<tr>
<td></td>
<td>McPherson, Daniel, Edinburgh</td>
<td></td>
<td>268, 269V13</td>
</tr>
<tr>
<td></td>
<td>Make-it Yourself Nocturnal, National Maritime Museum, reviewed</td>
<td>44V13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Magnetic Escapement by R B Horstmann</td>
<td></td>
<td>191V13</td>
</tr>
<tr>
<td></td>
<td>Manchester, Greenwich Time in, lecture by Howard Block</td>
<td>286V13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mantel Clock</td>
<td></td>
<td>13V13</td>
</tr>
<tr>
<td></td>
<td>Anon, French</td>
<td></td>
<td>414V13</td>
</tr>
<tr>
<td></td>
<td>Anon, Porcelain lyre clock</td>
<td></td>
<td>223V13</td>
</tr>
<tr>
<td></td>
<td>Arnold, Strand</td>
<td></td>
<td>505V13</td>
</tr>
<tr>
<td></td>
<td>Degré, Jean Baptiste</td>
<td></td>
<td>2V13</td>
</tr>
<tr>
<td></td>
<td>Duroy, Paris, porcelain, stolen</td>
<td></td>
<td>586V13</td>
</tr>
<tr>
<td></td>
<td>Frodsham, Gracechurch St</td>
<td></td>
<td>505V13</td>
</tr>
<tr>
<td></td>
<td>Hunt &amp; Roskell, pyx form</td>
<td></td>
<td>603V13</td>
</tr>
<tr>
<td></td>
<td>Kiening, Hans, calendar</td>
<td></td>
<td>255V13</td>
</tr>
<tr>
<td></td>
<td>Miller, Binedich Madonna</td>
<td></td>
<td>595V13</td>
</tr>
<tr>
<td></td>
<td>Mitchelson, Walter, London, (Baloon)</td>
<td></td>
<td>510V13</td>
</tr>
<tr>
<td></td>
<td>Tompion, Thomas, year going</td>
<td></td>
<td>333V13</td>
</tr>
<tr>
<td></td>
<td>Vulliamy</td>
<td></td>
<td>318V13</td>
</tr>
<tr>
<td></td>
<td>Vulliamy, Benjamin Lewis, London, No. 856</td>
<td></td>
<td>122V13</td>
</tr>
<tr>
<td></td>
<td>Webster, Cornhill London</td>
<td></td>
<td>230V13</td>
</tr>
<tr>
<td></td>
<td>Manticha, Barometer</td>
<td></td>
<td>123V13</td>
</tr>
<tr>
<td></td>
<td>Mare, Henri, Carriage clock</td>
<td></td>
<td>531V13</td>
</tr>
<tr>
<td></td>
<td>Mare, Peter</td>
<td></td>
<td>294V13</td>
</tr>
<tr>
<td></td>
<td>Marie, John, Equation clock</td>
<td></td>
<td>34, 36, 37V13</td>
</tr>
<tr>
<td></td>
<td>Markham, Marwick</td>
<td>Bracket clock, Turkish numerals</td>
<td>435V13</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Longcase musical, Turkish numerals</td>
<td>435V13</td>
</tr>
<tr>
<td></td>
<td>Marriot, London, Bracket clock, verge</td>
<td>510V13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Marriot, London, Master clock</td>
<td></td>
<td>46V13</td>
</tr>
<tr>
<td></td>
<td>Marsh, Peter, Watch-case maker</td>
<td></td>
<td>180V13</td>
</tr>
</tbody>
</table>
Marzellger, Musical clock 352
Maskelyne 166, 173
Mason, Chesterfield, painted dial clock 85
Mason, Ezechial, Liverpool 562
Massey, Edward 79, 81, 558
Massey, Francis Joseph, Clerkenwell, Watch No 6088 559, 561
Massey Watch Escapement, The, by Dr Robert Kemp 558
Master (& secondary) clock
  Gartly, Aberdeen 46
  Marriott, London 46

‘Matthew-the-Miller’ Clock at the Parish Church of St. Mary Steps, Exeter, by Clive N. Ponsford 52
Maurice, Klaus & Mayr, Otto (eds), Clockwork Universe: Germans clocks and automata, reviewed 174
Mayne Swete, S Devon, Musical clock 349
Mayr, Otto & Maurice, Klaus (eds), Clockwork Universe: Germans clocks and automata, reviewed 174
M B, early rectangular table clock 572, 574
Mediaeval Clockwork Music lecture by Arthur Ord Hume 377
Mercer, Thomas
  Chronometer, No 13705, stolen 391
  Chronometer No 16313, stolen 297
Mercer, Vaudrey
  Earnshaw, Thomas 175
  Frodshams, The, lecture 289
  John Poole’s Balances 82
  Penningtons and their Balances, Addendum 44
Metzger, Jeremias, Table clock, astronomical 254, 256
Meylan, Abraham Samuel 68
Meylan, Philippe 68
Meylan, Philippe Samuel 68
Meylan, Samuel Oliver 67
Meylan, Piguet et 355
Miles, Sept, Watch 561
Millburn, John R, Horology and the Adams Family 368
Millburn, J R, George Adams’ Copernican Sphere, Addendum 582
Miller, Binedickh Madonna mantel clock 595
Miniature Lantern Alarm Time Piece by Charles Clay, London, by C Thomas 366
Mitchelson, Walter, London, Mantel (Baloon) clock 510
Montres et horloges, Les, by Catherine Cardinal, reviewed 149
Moore, Sir Jonas 192, 195, 197
Moraley, William, London, Bracket clock 121
More, Sir Thomas and family 250, 251
Morgan, Manchester, Skeleton clock 522
Morgan Thomas, Manchester, Longcase regulator 424
Morgan Jones, Mrs B, Clock and Watch makers of Wrexham, lecture 580
Monk, William, Turret clock 483
Motel 565
Most Interesting Clock, A, by K H Whay 290
Mountford, John, London, Longcase clock 85
Mournier, Peter, Watch-case maker 179
Mudge, Thomas 144, 146, 147, 148
  Bracket clock marine chronometer, Graham escapement 151, 152
  Longcase clock, equation 138, 157, 158, 159
  Longcase clock, musical 324
  Watch, repeater, quarter striking 156, 157
  Watch No 22 153, 154, 155
  Watch No 260, Remontoire, verge 157, 161
  Watch No 420, quarter repeater 160, 162
  Watch No 574, with perpetual calendar 178
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Mudge, Thomas, jnr 453

*Mudge’s Fourth Timekeeper,* by Clive N Ponsford 453

*Mudge Milestones (Addenda)* by A F Cliborne 144

*Mudge, Thomas, the Complete Horologist* by George Daniels 150

*Mudge, Thomas, Watch by, No 574 with perpetual calendar mechanism,* by R Good 178

Mudge, Thomas, jnr 166

Mudge & Dutton 144, 146

Mukle, Cuckoo clock 353

Murray, David, Edinburgh 268, 269

Murrory, J, London, pocket chronometer, No 8420, *stolen* 391

*Musée National de la Renaissance d’Ecouen* by Charles K Aked 572

Bayerisches Nationalmuseum, Munich 174

British Museum 288

, *Catalogue of European Scientific Instruments in the Department of Medieval and later Antiquities of the,* by F A B Ward, *reviewed* 564

Clock & Watch Museum, Prescot 485

Cluny Museum 583

Ecouen, Musée National de la Renaissance 480, 572, 583

Germanisches Museum, Nuremberg, table clock 253

Gold, Silver & Clock Museum, Leiden 287

Hessisches Landesmuseum, Cassel 255, 475

Kunsthistorisches Museum, Vienna 254, 255, 472

Lampert Hall, Northants 467

Lancaster Museum 543

Musée de L’Horlogerie, Geneva 477

Museum of London 352

Narodni Technische Museum, Prague 347

Nationale Beaardmuseum, Asten NL 343

Nationale Museum van Speelklok tot Pierement, Utrecht 346, 348, 350

National Maritime Museum

Make-it Yourself Nocturnal *reviewed* 44

National Museum, Washington 174

NAWCC 393

S' Annen Museum, Lübeck 469

S' Johns House 284

Science Museum, South Kensington 255, 442

Sheffield City Museum 484

Tunley Hall, Burnley 85

Victoria & Albert Museum, South Kensington 252, 254, 349

Victoria Art Gallery, Bath 359

Waddesdon Manor 254, 256, 352

Musical clock

Breguet, A L 356

Cole, James, Carriage clock 355

Donisthorpe, George 362

Gounouilhou, Simon, Geneva, Clock-watch, quarter striking with automata 129

Lenzkirch, Longcase clock 357

Lindsay, George 349, 353

Litchfield Clock, The 360

Marzillger 352

Mayne Swete, S Devon 349

Mudge Thomas, Longcase clock 324

Norton, Eardley, London, Bracket clock 523

Prior, George 343

Pyke, George 352
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Schlottheim, Hans 352V13
Smith, Samuel, London, Longcase 425V13
Taylor, John, London 346V13
Thwaites, A & J 344V13
Vallin, Nicholas 344V13
Walker, Allin P, Amsterdam 350V13

Musical Clock, Defining a, by Arthur W J G Ord-Hume 340V13
Musical mechanism, Davrainville, Paris 354V13
Musical watch V13
- Gold cased, quarter repeater 21V13
- Gouge, Paris, repeater 484V13

Mylon, C1 272V13

N
Nairne and Blunt, Corn Hill, Sundial 419V13
Nassy, Blois, Watch 576, 577V13
National Maritime Museum V13
- Make-it Yourself Nocturnal reviewed 44V13
Nature of Time, The Lecture by Alan Treherne 485V13
NAWCC Museum 393V13
Naze, Jean 479V13
‘Nef de Charles Quint’, Hans Schlottheim, Augsburg, 513V13
Netherlands Sundial Group 393V13
Nettell, David, The Development of Turret clocks, lecture 580V13

New Light on Early Pendulum Clocks (Addendum) by E L Edwardes 381V13
Newton, Sir Isaac 194, 195V13
Nicasius, John, London 277V13
Nicholson, J, Manufacture of Files, lecture by 84V13
Niehus Bros, Bristol, Turret clock 484V13
Night clock Campani, Pietro Tommaso 229, 264V13
Nonsuch, French Clockmakers at, by Clive N Ponsford 294V13
Northcote, Plymouth, Bracket clock 171, 172V13

Northumberland and Durham, Clockmakers of, by Keith Bates, reviewed 487V13
Norton, Eardley, London, Musical, Bracket clock 523V13

Numbers Men, The, lecture by Dr W T R Pryce 581V13

O
Oliver of Castille, History of, ms 249, 250V13
Orange, J, Litchfield Clock 359V13
Ord-Hume, Arthur W J G V13
- Defining a Musical Clock 340V13
- Mediaeval Clockwork Music, lecture by 377V13
Osborne, dial maker 85V13
- painted dial 551V13
Osborne, Anne 549V13
Osborne, Thomas 549V13
Osborne, A & J 549V13
Osborne & Wilson 536V13
Osbornes Manufactory 552V13
Oughtred, William 192V13
- portrait 193V13
Oughtred, Benjamin 192, 195V13

Oughtred, William – An early Horological Expositor, by C K Aked 192V13

Painted Dial V13
Osborne 551V13
- Hipkiss, Richard, Birmingham 554, 555, 556V13

Painted Dial Clock V13
- Brown, Nathaniel, Manchester 85V13
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Calcott, Jno, Cotton 85V13
Carlton, Jno, Bolton 85V13
Collier, Sam, Eccles 85V13
Craw, Alex, Arbroath 556V13
Dennet, J, S'. Helens 85V13
Evers, Chester 85V13
Fletcher, R, Chester 85V13
Henderson, John, Dunfermline 551, 552, 553V13
Hulse, Market Drayton 85V13
Jackson, W, Frodsham 85V13
Lassell, W, Toxteth Park 85V13
Low, Charles, Arbroath 555V13
Mason, Chesterfield 85V13
Peers, B, Chester 85V13
Williams, W, Pwllheli 85V13

Painted Dial Clocks, lecture by Mrs F M Tennant 85V13
Painted Dials, Three late-Georgian, by F Hudson 551V13
Paris, Nicholas, Turret clock, Warwick 84V13
Paulet, London, Clock watch quarter repeater, stolen 585V13
Patents, review of Time Recording 443-447V13
Pearson Page Water Clocks by A J Turner 388V13
Peers, B, Chester, painted dial clock 85V13
Pendleton, Richard 147V13
Pendulum Clock, Briggs conical 600V13
Pendulum Clock, Flying 600V13
Pendulum Clock 1656 –1659, The Development of the, by R D Dobson 270V13
Pendulum Clocks, New Light on Early (Addendum) by E L Edwardes 381V13
Pendulum Clocks, Early, (Addendum), by E H Glasius 564V13
Pendulum Shapes and Accurate Time Keeping lecture by D A Bateman 578V13
Penman, LW, Dead Beat Escapement 191V3
Pennington, James 83V13
Penningtons and their Balances, Addendum, Vaudrey Mercer 44V13
Penny, Charles, Bristol 456V13
Penton, Charles V13
Bracket clock 431V13
Bracket clock, lunar indication 244V13
Perigal, Francis 147, 436V13
Perkings, Recordon, Spencer & , Bracket clock, Turkish numerals 436V13
Perry, Robert, Liverpool 562V13
Petit, P 270, 272V13
Pettigrew, John 268, 269V13
Philip the Good, Table Clock 253V13
Photography lecture by John Wilding 190V13
Pichart, Paris, Table clock 253, 254V13
Pickford, John, Liverpool 562V13
Piguet, Abel 67V13
Piguet, Charles Auguste 67V13
Piguet, David 67V13
Piguet, Isaac 68V13
Piguet et Meylan 355V13
Piguet-Pasteur, D 72V13
Pitt, William, Yngr 454V13
Pitt’s Clock and Watch Tax: a Reassessment by Adrian Burchall 454V13
Platt, George 81V13
Pons, Wall regulator 234V13
Ponsford, Clive N V13

‘Matthew-the-Miller’ Clock at the Parish Church of S. Mary Steps, Exeter 52V13
<table>
<thead>
<tr>
<th>Page</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>83</td>
<td>Poole, John, jnr</td>
</tr>
<tr>
<td>82</td>
<td>Poole’s Balances, John, by Dr V Mercer</td>
</tr>
<tr>
<td>68</td>
<td>Audemars, Louis Benjamin</td>
</tr>
<tr>
<td>198</td>
<td>Derham, William</td>
</tr>
<tr>
<td>467</td>
<td>Isham, John</td>
</tr>
<tr>
<td>250</td>
<td>More, Sir Thomas and family</td>
</tr>
<tr>
<td>251</td>
<td>Oughtred, William</td>
</tr>
<tr>
<td>193</td>
<td>Halley, Edmund</td>
</tr>
<tr>
<td>485</td>
<td>Prescot Clock and Watch Museum, Lecture by Miss L Knowles</td>
</tr>
<tr>
<td>77</td>
<td>Prescot, Watch Movement Making in, by Dr Robert Kemp</td>
</tr>
<tr>
<td>81</td>
<td>Preston, Joseph</td>
</tr>
<tr>
<td>81</td>
<td>Preston, Thomas</td>
</tr>
<tr>
<td>491</td>
<td>Priest, George, Norwich, Bracket clock stolen</td>
</tr>
<tr>
<td>436</td>
<td>Prior, Edward, Bracket clock, Turkish numerals</td>
</tr>
<tr>
<td>436</td>
<td>Prior, George</td>
</tr>
<tr>
<td>343</td>
<td>Musical clock</td>
</tr>
<tr>
<td>577</td>
<td>Provincial clocks and clockmaking, Some aspects of, lecture by T O Robinson</td>
</tr>
<tr>
<td>581</td>
<td>Pryce, Dr W T R, The Numbers Men, lecture</td>
</tr>
<tr>
<td>81</td>
<td>Pybus, Henry</td>
</tr>
<tr>
<td>352</td>
<td>Pyke, George, Musical Clock</td>
</tr>
<tr>
<td>366</td>
<td>Quare Daniel, London</td>
</tr>
<tr>
<td>462</td>
<td>Bracket clock, verge</td>
</tr>
<tr>
<td>228</td>
<td>Bracket clock verge, quarter repeater</td>
</tr>
<tr>
<td>116</td>
<td>Bracket clock No 143</td>
</tr>
<tr>
<td>462</td>
<td>No 44</td>
</tr>
<tr>
<td>462</td>
<td>Quare - Tompion Collaboration, by G Boney</td>
</tr>
<tr>
<td>386</td>
<td>Quarter Striking Mechanism, A Viennese, by J Hannah</td>
</tr>
<tr>
<td>379</td>
<td>Quartz Clock, Development of, lecture by Boullin, Dr D J</td>
</tr>
<tr>
<td>562</td>
<td>Quilliam, Liverpool</td>
</tr>
<tr>
<td>383</td>
<td>Radioactive</td>
</tr>
<tr>
<td>531</td>
<td>Rait, D, Carriage clock</td>
</tr>
<tr>
<td>581</td>
<td>Ratcliffe, Wrexham</td>
</tr>
<tr>
<td>52</td>
<td>Read, Herbert, Exeter</td>
</tr>
<tr>
<td>450</td>
<td>Reconstruction from the Almanus Manuscript, A, by H G Hammond</td>
</tr>
<tr>
<td>442</td>
<td>Recorders, Charles Babbage and the Invention of Workmen’s Time, by Dr A G Bromley</td>
</tr>
<tr>
<td>436</td>
<td>Recordon, Spencer &amp; Perkins, Bracket clock, Turkish numerals</td>
</tr>
<tr>
<td>456</td>
<td>Reed, Thomas, Edinburgh</td>
</tr>
<tr>
<td>235</td>
<td>Bailly, Paris, Longcase, equation, calendar</td>
</tr>
<tr>
<td>219</td>
<td>Blackie, George, London,</td>
</tr>
<tr>
<td>227</td>
<td>Earnshaw, Thomas, Longcase clock</td>
</tr>
<tr>
<td>315</td>
<td>Hardy, William</td>
</tr>
<tr>
<td>424</td>
<td>Morgan, Thomas, Manchester, Longcase clock</td>
</tr>
<tr>
<td>20</td>
<td>Reid</td>
</tr>
<tr>
<td>226</td>
<td>Rentzsch, London</td>
</tr>
<tr>
<td>219</td>
<td>Samuel, R &amp; Son, London</td>
</tr>
<tr>
<td>226</td>
<td>Scholz, Breslau</td>
</tr>
<tr>
<td>133</td>
<td>Regulator, marine Anon</td>
</tr>
<tr>
<td>133</td>
<td>Regulator observatory</td>
</tr>
<tr>
<td>332</td>
<td>Auld, William, Edinburgh</td>
</tr>
<tr>
<td>12</td>
<td>Hardy, William</td>
</tr>
<tr>
<td>608</td>
<td>Regulator, table</td>
</tr>
<tr>
<td>Name</td>
<td>Location</td>
</tr>
<tr>
<td>---------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>Lepine, Paris</td>
<td></td>
</tr>
<tr>
<td>Regulator, Vienna Biedermeier, Grande sonnerie</td>
<td></td>
</tr>
<tr>
<td>Regulator, wall</td>
<td></td>
</tr>
<tr>
<td>Pons</td>
<td></td>
</tr>
<tr>
<td>Reid, London, regulator</td>
<td></td>
</tr>
<tr>
<td>Reid, Thomas, Edinburgh</td>
<td></td>
</tr>
<tr>
<td>Reid &amp; Son, Newcastle, Skeleton clock York Minister</td>
<td></td>
</tr>
<tr>
<td>Rentzsch, London, regulator</td>
<td></td>
</tr>
<tr>
<td>Repairing, Clock and Watch, by De Carle, reviewed</td>
<td></td>
</tr>
<tr>
<td>Repatriated English Clocks by Percy G Dawson</td>
<td></td>
</tr>
<tr>
<td>Repeater V13</td>
<td></td>
</tr>
<tr>
<td>Anon, repeater</td>
<td></td>
</tr>
<tr>
<td>Benson, J W, Carriage clock</td>
<td></td>
</tr>
<tr>
<td>Bull, John, Bedford, Bracket clock</td>
<td></td>
</tr>
<tr>
<td>Charleston, London, Bracket clock</td>
<td></td>
</tr>
<tr>
<td>Fabraham, Joseph, Waltham Abbey, Longcase clock,</td>
<td></td>
</tr>
<tr>
<td>Field, Thomas, Bath, Bracket clock, verge,</td>
<td></td>
</tr>
<tr>
<td>Forsyth, James, Bracket clock</td>
<td></td>
</tr>
<tr>
<td>Gibb, Joshua, London, Bracket clock, verge, quarter chime</td>
<td></td>
</tr>
<tr>
<td>Gouge, Paris, Watch, musical,</td>
<td></td>
</tr>
<tr>
<td>Graham, George, Clock watch, stolen</td>
<td></td>
</tr>
<tr>
<td>Hill, Thomas, London, Bracket clock, verge,</td>
<td></td>
</tr>
<tr>
<td>Loddington, Isaac, London, Bracket clock, Quarter chiming</td>
<td></td>
</tr>
<tr>
<td>Losada, J R, Carriage clock</td>
<td></td>
</tr>
<tr>
<td>Mudge, Thomas, Watch, quarter striking</td>
<td></td>
</tr>
<tr>
<td>Smith &amp; Son, London, Bracket clock</td>
<td></td>
</tr>
<tr>
<td>Watson, Sam, London, Bracket clock</td>
<td></td>
</tr>
<tr>
<td>Younge, Henry, Bracket clock</td>
<td></td>
</tr>
<tr>
<td>Repeater, quarter V13</td>
<td></td>
</tr>
<tr>
<td>Benson, J W, Watch No 25007, perpetual calendar chronograph,</td>
<td></td>
</tr>
<tr>
<td>Debaufre, James, Soho, Bracket clock</td>
<td></td>
</tr>
<tr>
<td>Delander, Watch No 146,</td>
<td></td>
</tr>
<tr>
<td>Gold cased, musical watch</td>
<td></td>
</tr>
<tr>
<td>Gould, Christopher, Bracket clock, verge</td>
<td></td>
</tr>
<tr>
<td>Knibb, Joseph, Bracket clock,</td>
<td></td>
</tr>
<tr>
<td>Lowndes, Isaac, London, Bracket clock, verge</td>
<td></td>
</tr>
<tr>
<td>Lepine Watch, verge</td>
<td></td>
</tr>
<tr>
<td>Mudge, Thomas, Watch No 420</td>
<td></td>
</tr>
<tr>
<td>Paulet, London, Clock watch, stolen</td>
<td></td>
</tr>
<tr>
<td>Quare, Daniel, London, Bracket clock verge</td>
<td></td>
</tr>
<tr>
<td>Tavernier, Paris, watch, calendar, verge</td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas V13</td>
<td></td>
</tr>
<tr>
<td>Bracket clock, No 195</td>
<td></td>
</tr>
<tr>
<td>No 298</td>
<td></td>
</tr>
<tr>
<td>Vrad, L, &amp; Co, Carriage clock, grande &amp; petite sonnerie, alarm</td>
<td></td>
</tr>
<tr>
<td>Repeater, minute V13</td>
<td></td>
</tr>
<tr>
<td>Audemars, L, complicated watch, grande sonnerie, minute repeater, chronograph</td>
<td></td>
</tr>
<tr>
<td>Falconer, Leo, Hong Kong, watch half hunter, stolen</td>
<td></td>
</tr>
<tr>
<td>Gold hunter, perpetual calendar, chronograph</td>
<td></td>
</tr>
<tr>
<td>Riche, John</td>
<td></td>
</tr>
<tr>
<td>Rickard, John, Turret clock (restorer)</td>
<td></td>
</tr>
<tr>
<td>Richardson, W, Watch</td>
<td></td>
</tr>
<tr>
<td>Rijmaerts, Christiaen</td>
<td></td>
</tr>
<tr>
<td>Rimbault, Paul</td>
<td></td>
</tr>
<tr>
<td>Rimbault, Stephen, Bracket clock, verge, stolen</td>
<td></td>
</tr>
<tr>
<td>Rimmer Robert, Liverpool</td>
<td></td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Resch, Gebruder, Austria, quarter striking mechanism 387V13
Roberts, Longcase clock 604V13
Roberts, Samuel, llanfair Caereinion 581V13
Robertson, Joseph, Turret clock (maker) 57V13
Robin, Paris, Watch equation 411, 511V13
Robin, Robert 147V13
Robinson, Tom 5
Domestic Clocks lecture 378V13
Longcase Clock, The, reviewed 437V13
Some aspects of provincial clocks and clockmaking, lecture 577V13
Synchronous Electric Clock, The lecture 287V13
Robinson, W, Liverpool 562V13
Rochat, Frères 67V13
Roe, Richard, Turret Clock 483V13
Rogers, Isaac, London, Verge watch with Turkish Numerals, stolen 143V13
Roskell, Robert, Liverpool, Watch No 53230 559, 562V13
Roussel (Russel), Cornelius, The Hague 277V13
Roussel (Russel), Johannes, The Hague 277V13
Rowley, Liverpool, dial maker 85V13
Ruel, Samuel, Rotterdam, watch No 372, calendar, lunar indication 115V13
Russell, Andrew, Leith 268, 269V13
Russell, Robert, Moffat 268, 269V13
Salisbury, Edward & Richard 535V13
Samuel, R & Son London, regulator 219V13
Saulnier 565V13
Schlottheim, Hans 352V13
Musical clock 352V13
Augsburg, ‘Nef de Charles Quint’ 513V13
Scholz, Breslau, regulator 226V13
Scientific Instruments, Catalogue of European, in the Department of Medieval and later Antiquities of the British Museum, by F A B Ward, reviewed 564V13
Scotland Long Case Dials, A comparision of two Mid-, by George Cumming 282V13
Scott, James, Leith 268, 269V13
Scott Memorial Skeleton clock 522, 530V13
Seddon, Longcase clock, Grande sonnerie 291V13
Sentier Technical School, Le 72V13
Sewill, Carriage clock 337V13
S H, early cylindrical alarm clock 572, 573, 574V13
Shapland, Cloud & Bracket clock 335V13
Short, James 169V13
Sixteenth Century Clock Illustration, A, by Dr F A B Ward 467V13
Skeleton Clocks 5
Morgan, Manchester 522V13
Scott Memorial 522, 530V13
Smith, William, Musselburgh 522V13
Reid & Son, Newcastle, York Minister 603V13
Sluse, R F 273V13
Smeaton, John, Yorke, Rock crystal pendant watch 429V13
Smith, Prof A 188V13
Pottery & Clocks, lecture 188V13
Gold, Silver & Clock Museum, Leiden, lecture 287V13
Smith, Charles, Bunhill Row 455V13
Smith, James, London, Bracket clock, verge escapement 137V13
Smith, John 196, 197V13
Smith, John, Pittenweem 552V13
Smith, John, Derby 52V13
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Smith, John, & Sons, Derby, Turret clock 483
Smith, Nicholas, 250 years of tower clock making in Derby lecture 579
Smith, Samuel, London, Longcase musical clock 425
Smith, William, Musselburgh, Skeleton clock 522
Smith & Son, London, Bracket clock, repeater 428
Smiths, Electric clock 288
Snelling, James, verge, bracket clock, stolen 143
Snow, John, London, Bracket clock, verge 512
Sparks, Brian, Midlands Turret clocks, lecture 84
Speakman, Thomas, Longcase clock, alarm 6
Spencer & Perkings, Recordon, Bracket clock, Turkish numerals 436
Spitz, Caspar 472
Staartklok, Friesland 527
Stanton, Edward, Longcase clock, alarm 14
Stevenson, Nicholas 197
Stewart, John, London 268, 269
Stolen
Auguste, Paris, Carriage clock No 357, 491
Fol, Paris, pendant watch (repro) 491
Garnier, Paul, Carriage clock No 1032, 491
Priest, George, Norwich, Bracket clock 491
Street, Eric, Hazards of an Early Luminous Watch, The 383
Striking, Grande sonnerie
Audemars, L., complicated watch, grande sonnerie, minute repeater, chronograph 1
Bousset, Victorien, Carriage 10
Davis, Wm, Longcase clock 13
Knibb, Joseph, London, Bracket Clock 128, 136
Seddon, Longcase clock 291
Thomas Tompion, Bracket clock 330
Vrad, L, & Co, Carriage Clock, (& petite sonnerie), repeater, alarm 405
Striking, Quarter
Mudge, Thomas, watch, repeater 156, 157
Resch, Gebruder, Austria, mechanism 387
Stuart, Susan E, The first White Dial Longcase Clocks and their Cases, 1772 – 1773 534
Sundial, Nairne and Blunt, Corn Hill 419
Sundial Group, The Netherlands 393
Synchronous Electric Clock, The lecture by T R Robinson 287
Synelock, Electric clock 288
T
Table clock
Anon, Continental 15
Anon, Drum 253
East, Eduardes, London 316, 412
Jump, London, regulator 608
M B, early rectangular clock 572, 574
Metzger, Jeremias, astronomical 254, 256
Philip the Good 253
Pichart, Paris 253, 254
TagliaTue, C, Barometer 8
Tarleton, William, Liverpool 456
Tavernier, Paris, watch quarter repeater calendar, verge 243
Tax, Pitt’s Clock and Watch: a Reassessment by Adrian Burchall 454
Taylor, Bill, Workshop Equipment, lecture 190
Taylor, Peter 81
Telephone Manufacturing Co 288
Temco, Electric clock 288
Cumulative Index for Antiquarian Horology Volumes 10 to 19

Tennant, Mrs F M, *Painted Dial Clocks*, lecture 85\textsuperscript{V13}

Thistle, Stogursey (movement), stolen 297\textsuperscript{V13}

*Three late-Georgian painted Dials*, by F Hudson 551\textsuperscript{V13}

Thuret, Isaac, Paris 262\textsuperscript{V13}

Tiede, Friedrich 66\textsuperscript{V13}

*Time Recorders, Charles Babbage and the Invention of Workmen’s*, by Dr A G Bromley 442\textsuperscript{V13}

Timmins, Isaacs &, *Gear making*, lecture 289\textsuperscript{V13}

Tolley, Charles, London, Longcase clock 420\textsuperscript{V13}

Tompion, Thomas

- Bracket clock, Grande sonnerie 330\textsuperscript{V13}
- No 195, quarter repeating 407\textsuperscript{V13}
- No 298, quarter repeater 238, 239\textsuperscript{V13}
- Bracket clock No 317 524\textsuperscript{V13}
- Buckingham Palace, Equation clock 29\textsuperscript{V13}
- Equation Table 26\textsuperscript{V13}
- Longcase clock No 540 322\textsuperscript{V13}
- Mantel clock, year going 333\textsuperscript{V13}

*Tompion – Quare Collaboration*, by G Boney 462\textsuperscript{V13}

Thomas, C, *A Miniature Lantern Alarm Time Piece by Charles Clay, London* 366\textsuperscript{V13}

Thompson, John, Edinburgh 268, 269\textsuperscript{V13}

Thompson, Godfrey 456\textsuperscript{V13}

Thwaites 458\textsuperscript{V13}

Thwaites, A & J, Musical clock 344\textsuperscript{V13}

*Tower clock making in Derby, 250 years of*, lecture by Nicholas Smith 579\textsuperscript{V13}

Townley, Liverpool 562\textsuperscript{V13}

Townley Hall, Burnley 85\textsuperscript{V13}

Trauttmansdorff Clock, The 348\textsuperscript{V13}

Tregent, James, London, Bracket clock, verge 125\textsuperscript{V13}

Tregent, T, Bracket clock, stolen 297\textsuperscript{V13}

Treherne Alan, *The Nature of Time* Lecture by 485\textsuperscript{V13}

Tribe, Tom, & Philip Whatmoor, *Dorset Clocks and Clockmakers*, reviewed 487\textsuperscript{V13}

Turkish Numerals\textsuperscript{V13}

- Gould, Christopher, Wall clock, alarm 434\textsuperscript{V13}
- Markham, Marwick\textsuperscript{V13}
- Bracket clock 435\textsuperscript{V13}
- Longcase musical 435\textsuperscript{V13}
- Prior, Edward, Bracket clock, 436\textsuperscript{V13}
- Recordon, Spencer & Perkings, Bracket clock, 436\textsuperscript{V13}
- Rogers, Isaac, London, verge watch, stolen 143\textsuperscript{V13}

Turner, A J, *Pearson Page Water Clocks* 388\textsuperscript{V13}

Turret clock (maker)\textsuperscript{V13}

- Bartholomew 483\textsuperscript{V13}
- Billiard, Lewes 295\textsuperscript{V13}
- Blakeborough, H, 85\textsuperscript{V13}
- Cloud, John 483\textsuperscript{V13}
- Davis, W & Sons, Birmingham 483\textsuperscript{V13}
- Dent 483\textsuperscript{V13}
- De Vic 568\textsuperscript{V13}
- Fournier 568\textsuperscript{V13}
- Gillet and Bland 284\textsuperscript{V13}
- Hoppin, Matthew 54\textsuperscript{V13}
- Laible, A 568\textsuperscript{V13}
- Leeson 569\textsuperscript{V13}
- Leeson, William, Coleshill 84\textsuperscript{V13}
- Leeson & Sons 284\textsuperscript{V13}
- Monk, William 483\textsuperscript{V13}
- Niehus Bros, Bristol 484\textsuperscript{V13}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Paris, Nicholas 84, 284
Paris, Thomas 284
Robertson, Joseph 57
Roe, Richard 483
Roskell, William 579
Smith, John 579
Smith, John & Sons 483
Wagner & Collin 568
Whitehurst, Derby 568, 579

Turret clock (place)

Allestree 579
Aston Cantlow 284
Beauvais Cathedral 568
Brafield 285
Broughton 284
Burnley, Townley Hall 85
Burton-on-Trent 579
Castle Ashby 285
Chinon, Chateau 568
Clandon 294
Clipsam, Lincs 483
Dover Castle 294
Ecton 285
Exeter Cathedral 56
Exeter, S' Mary Steps 52
Great Harrowden 284
Grendon 285
Hampton-in-Arden 284
Lapworth 284
Le Sentier La Vallée, Switzerland 67
Musée des Arts et Métiers 568
Meriden 284
Rye 295
Sydling S' Nicholas, Dorset 483
Temple Balsall 284
Warwick 84
Warwick, S' Mary’s Church 284
Warwick, S' Nicholas 284
Warwick Castle 284
Weedon, Crossroad Hotel 284, 285
Wootton Waven 284
Yately, Surrey 483

Turret clock (restorer)

Read, Herbert, Exeter 52
Rickard, John, 61
Smith, John, Derby 52
White, A & Son, Crediton 52

Turret clocks of the Midlands, lecture by Brian Sparks 84

Turret Clocks by B L Vulliamy, lecture by C G 189, 378

Turret Clocks, Automatic Winding for, lecture by Prof Henry Wallman 579
Turret Clocks, Recommended Practice for Repair and Maintenance 488

Turret Clocks on the French Tour 1982 by C G McKay 568

Turret clocks, The Development of, lecture by David Nettell 580

Tyrer, James 81

U

Uhrmacher Kunst, Meister der, Jürgen Abeler, reviewed 550

Unusual Differentials in Renaissance Clockwork by H B J Karlsen and Graham White 469
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Unusual Differentials in Renaissance Clockwork, Addendum, by H B J Karlsen 582

Upjohn, Peter, Red Lion Street 456

Ur Optik

September 1981 149
December 1981 293
February 1982 358
March 1982 358

Ure and Optik

August 1981 149
March 1982 358
April 1982 358

V

Vallin, Nicholas, Musical clock 344

van de Kamp, Hans, *Klokken: Een Wegwijzer voor Liefhebbers*, reviewed 550

Verge clocks

Barber, Winster, watch No 441 85
Bidell, London, Bracket Clock, **stolen** 143
Bullock, Christopher calendar, Bracket clock, **stolen** 143
Field, Thomas, Bath, Bracket clock, repeater 508, 598
Gibb, Joshua, London, Bracket clock, quarter chime, repeater 234
Gould, Christopher, Bracket clock, quarter repeater 233
Graham, watch, **stolen** 143
Hill, Thomas, London, Bracket clock, repeater 508, 598
Lepine Watch, quarter repeater 484
Lowndes, Isaac, London, Bracket clock, quarter repeater 417
Marriot, London, Bracket clock 510
Mudge, Thomas, Watch No 260, remontoire 157, 161
Quare Daniel

- Bracket clock quarter repeater 116
- Bracket clock 228
Rimbault, Stephen, Bracket clock, **stolen** 143
Rogers, Isaac, London, watch with Turkish Numerals, **stolen** 143
Smith, James, London, Bracket clock, **stolen** 137
Snelling, James, Bracket clock, **stolen** 143
Snow, John, London, Bracket clock 512
Tavernier, Paris, watch, quarter repeater, calendar 243
Tregent, James, London, Bracket clock 125
Wise, Luke, Reading, Bracket clock 512

Vienna Regulators of Lenzkirch and Lorenz Bob, edited by Dana J Blackwell, reviewed 87

Viennese Quarter Striking Mechanism, A, by J Hannah 386

Von Brühl, Count 146, 453

Von Graf 169

Voter, John 294

Vrad, L, & Co, Carriage Clock, grande & petite sonnerie, repeater, alarm 405

Vulliamy, London

- Bracket clock 515
- No 634 231
- Mantel clock 318, 507

Vulliamy, Benjamin Lewis, London, Mantel Clock No 856 122

Vulliamy, B L, Turret Clocks by, lecture by C G McKay 189, 378

Vulliamy, Justin & Gray, Benjamin, London, Longcase clock 124

W

Wade, Samuel, Watch No 543 560
Walker, Allin P, Amsterdam, Musical clock 350
Walker & Fennimore, dial maker 85
Walker & Hughes, dial maker 85
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Wallis, Dr John 192V13
Wall, John, Coventry 456V13
Wall clock V13
Evans, W, Welshpool 581V13
Gould, Christopher, alarm, Turkish numerals 434V13
Hallifax, London 50V13
Knibb, Joseph 314V13
Staartklok, Friesland 527V13
Wallman, Prof Henry, Automatic Winding for Turret Clocks, lecture 579V13
Ward, Benjamin, London, Bracket clock, stolen 88V13
Ward, Dr F A B V13

Catalogue of European Scientific Instruments in the Department of Medieval and later Antiquities of the British Museum, reviewed 564V13
Evolution of European Domestic Clocks, The 248V13
Evolution of the European Domestic Clock, The, lecture 88V13
Sixteenth Century Clock Illustration, A 467V13

Ward, Dr Seth 192V13
Warren, H E 287V13
Watch V13
Anon, French Crucifix form 572, 575V13
Audemars, Hector 70V13
Audemars, L, complicated, 3 train grande sonnerie, minute repeater, chronograph 1V13
Barber, Winster, verge, No 441 85V13
Benson, J W, No 25007, perpetual calendar, quarter repeating, chronograph, 409V13
Beraud, Henry 242V13
Breguet, V13
No 894 484V13
No 2077 66V13
Breguet et Fils No 2201, stolen 391V13
Brockbank, London, No 6390 559, 561V13
Brown, J, Liverpool 562V13
Brownbill, John, Liverpool 562V13
Charman, No 9074, stolen 297V13
Cook, William, Liverpool 562V13
Cornwall, Jas, Liverpool No 782 560V13
Delander, No 146, quarter repeater 521V13
Dent, stolen 143V13
Doke, Richard, Liverpool 562V13
Emery No 1289 147V13
Evans, Richard, Liverpool 562V13
Falconer, Leo, Hong Kong, gold half hunter, minute repeater, stolen 391V13
Ferguson Cole, James, London, lunar indication, perpetual calendar 129V13
Fol, Paris, pendant (repro) stolen 491V13
Forrester, David, Dublin, No 150 stolen 391V13
Francis, M 561V13
Frodsham 224V13
Frodsham, Charles, Split seconds, No 08768 601V13
Gold cased, quarter repeater, musical 21V13
Gouge, Paris musical repeater 484V13
Graham, G, No 358, stolen 297V13
Graham, verge stolen 143V13
Hamlet, William, Liverpool, No 1841 562V13
Harrison, William, Liverpool 562V13
Hart, Naphali, Liverpool 562V13
Hornby, James, Liverpool 562V13
Hornby, Richard, Liverpool 562V13
Johnson, Joshua, Liverpool 562V13
<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Notes</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lange, Adolph</td>
<td>Dresden</td>
<td>No 3542 stolen</td>
<td>391</td>
</tr>
<tr>
<td>Le Roy Watch</td>
<td>No 36</td>
<td></td>
<td>148</td>
</tr>
<tr>
<td>Le Roy et fils,</td>
<td>No 5211</td>
<td>stolen</td>
<td>297</td>
</tr>
<tr>
<td>Litherland, Liverpool</td>
<td></td>
<td></td>
<td>562</td>
</tr>
<tr>
<td>Lord, William</td>
<td>Liverpool</td>
<td></td>
<td>562</td>
</tr>
<tr>
<td>McCabe, James</td>
<td></td>
<td>No 10261Royal Exchange</td>
<td>405</td>
</tr>
<tr>
<td>Mason, Ezechial</td>
<td>Liverpool</td>
<td></td>
<td>562</td>
</tr>
<tr>
<td>Massey Francis Joseph</td>
<td></td>
<td>Clerkenwell Watch No 6088</td>
<td>559, 561</td>
</tr>
<tr>
<td>Miles, Sept</td>
<td></td>
<td></td>
<td>561</td>
</tr>
<tr>
<td>Mudge, Thomas</td>
<td></td>
<td></td>
<td>153, 154, 155</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No 22</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No 260, Remontoire, Verge</td>
<td>157, 161</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No 420, quarter repeater</td>
<td>160, 162</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No 574 with perpetual calendar</td>
<td>178</td>
</tr>
<tr>
<td>Nassy, Blois</td>
<td></td>
<td></td>
<td>576, 577</td>
</tr>
<tr>
<td>Perry, Robert</td>
<td>Liverpool</td>
<td></td>
<td>562</td>
</tr>
<tr>
<td>Pickford, John</td>
<td>Liverpool</td>
<td></td>
<td>562</td>
</tr>
<tr>
<td>Quilliam, Liverpool</td>
<td></td>
<td></td>
<td>562</td>
</tr>
<tr>
<td>Richardson, W</td>
<td></td>
<td></td>
<td>561</td>
</tr>
<tr>
<td>Rimmer Robert</td>
<td>Liverpool</td>
<td></td>
<td>562</td>
</tr>
<tr>
<td>Robin, Paris</td>
<td></td>
<td>equation</td>
<td>411, 511</td>
</tr>
<tr>
<td>Robinson, W</td>
<td>Liverpool</td>
<td></td>
<td>562</td>
</tr>
<tr>
<td>Rogers, Isaac</td>
<td>London</td>
<td>verge and Turkish numerals, stolen</td>
<td>143</td>
</tr>
<tr>
<td>Roskell, Robert</td>
<td>Liverpool</td>
<td>No 53230</td>
<td>559, 562</td>
</tr>
<tr>
<td>Ruel, Samuel</td>
<td>Rotterdam</td>
<td>watch No 372, calendar, moon phase</td>
<td>429</td>
</tr>
<tr>
<td>Smeaton, John</td>
<td>Yorke</td>
<td>Rock crystal pendant</td>
<td>243</td>
</tr>
<tr>
<td>Tavernier, Paris</td>
<td></td>
<td>quarter repeater, calendar, verge</td>
<td>562</td>
</tr>
<tr>
<td>Townley, Liverpool</td>
<td></td>
<td></td>
<td>562</td>
</tr>
<tr>
<td>Wade, Samuel</td>
<td>Liverpool</td>
<td>No 543</td>
<td>560</td>
</tr>
<tr>
<td>Yates, E S</td>
<td>Liverpool</td>
<td></td>
<td>562</td>
</tr>
<tr>
<td>Watch-case maker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aubert, Thomas</td>
<td></td>
<td></td>
<td>70</td>
</tr>
<tr>
<td>G O, Watch-case maker</td>
<td></td>
<td></td>
<td>73</td>
</tr>
<tr>
<td>P M, Peter Mournier</td>
<td></td>
<td></td>
<td>179</td>
</tr>
<tr>
<td>P M, Peter Marsh</td>
<td></td>
<td></td>
<td>180</td>
</tr>
<tr>
<td>Watch-dial maker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gofay-Progler, David</td>
<td></td>
<td></td>
<td>72</td>
</tr>
<tr>
<td>Watch-maker Holmes</td>
<td></td>
<td>Richard,</td>
<td>79</td>
</tr>
<tr>
<td>Watch Movement Making in</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prescot, by Dr Robert Kemp</td>
<td></td>
<td></td>
<td>77</td>
</tr>
<tr>
<td>Watches, Collecting and</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identifying Old, by H G</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harris, reviewed</td>
<td></td>
<td></td>
<td>295</td>
</tr>
<tr>
<td>Water Clocks, Pearson Page</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Watson, Sam, London</td>
<td></td>
<td></td>
<td>388</td>
</tr>
<tr>
<td>Webb, Benjamin</td>
<td>London</td>
<td></td>
<td>113</td>
</tr>
<tr>
<td>Webb, Edward, Chewstroke</td>
<td></td>
<td></td>
<td>456</td>
</tr>
<tr>
<td>Webbster, Cornhill London</td>
<td></td>
<td>Mantle clock</td>
<td>230</td>
</tr>
<tr>
<td>Webster, Thomas</td>
<td></td>
<td></td>
<td>79</td>
</tr>
<tr>
<td>Wehrle, Cuckoo clock</td>
<td></td>
<td></td>
<td>353</td>
</tr>
<tr>
<td>Wells, Solihull</td>
<td>Longcase clock</td>
<td></td>
<td>86</td>
</tr>
<tr>
<td>Welsh, Jonathan</td>
<td></td>
<td></td>
<td>81</td>
</tr>
<tr>
<td>Welsh, Robert</td>
<td>London</td>
<td></td>
<td>268, 269</td>
</tr>
<tr>
<td>Wenzel J, Equation Clocks</td>
<td></td>
<td></td>
<td>24</td>
</tr>
<tr>
<td>Wetherfield Collection, The</td>
<td></td>
<td>by Eric Bruton, reviewed</td>
<td>295</td>
</tr>
<tr>
<td>Whatmoor, Philip</td>
<td>Tom Tribe &amp;</td>
<td>Dorset Clocks and Clockmakers, reviewed</td>
<td>487</td>
</tr>
<tr>
<td>Whay, K H</td>
<td></td>
<td>A Most Interesting Clock</td>
<td>290</td>
</tr>
<tr>
<td>Wheeler, Thomas</td>
<td>Longcase clock</td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>Whitaker &amp; Shreeve, dial</td>
<td></td>
<td>maker</td>
<td>85</td>
</tr>
<tr>
<td>White, Graham</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whatmoor, Philip</td>
<td>Tom Tribe &amp;</td>
<td>Dorset Clocks and Clockmakers, reviewed</td>
<td>469</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

White, A & Son, Crediton 52

*White Dial Longcase Clocks and their Cases, 1772 –1773, The first, by Susan E Stuart* 534

Whitehurst, John 579
Whitehurst, John II 579
Whitehurst, John III 579
Wilding, John, *Photography lecture* 190
Williams, John, Islington, Bracket clock 512
Williams, W, Pwllheli, Painted Dial Clock 85
Williamson, Joseph, Equation clock 30, 31
Wilson, James 551
Wilson James, NI, Longcase clock 86
Wilson, dial maker 85
Wilson, F Byrne & 552
Winterhalter, Augsburg, *stolen* 585
Winterthur Clock, The 470
Wise, Luke, Reading, Bracket clock, verge 512
Wittnauer, A 75

*Workshop Equipment lecture by Bill Taylor* 190

Worshipful Company of Clockmakers, Awards for Excellence 488

*Worshipful Company of Clockmakers, The,* 141

Worston (Oursian), Nicholas 294, 295
Worswick, Thomas, Lancaster 539, 543

Wren, Sir Christopher 192, 193

*Wrexham, Clock and Watch makers of, lecture by Mrs B Morgan Jones* 580

Wrist-watch Lange, Bauart, & Söhne, *stolen* 88
Wych, Mathias, Epping, Longcase clock 85
Wycherley, John 79, 80, 81

Y

Yates, E S, Liverpool 562

Younge, Henry, Bracket clock, repeater 9
ANTIQUE HORIZON

AND THE PROCEEDINGS OF

THE ANTIQUARIAN HORIZONAL SOCIETY

VOLUME XIV
March 1983 to June 1984

THE ANTIQUARIAN HORIZONAL SOCIETY
LONDON
MCMLXXXIV

PAGINATION OF THE JOURNAL

<table>
<thead>
<tr>
<th>Issue No.</th>
<th>Published</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>MARCH 1983</td>
<td>1-108</td>
</tr>
<tr>
<td>TWO</td>
<td>JUNE 1983</td>
<td>109-220</td>
</tr>
<tr>
<td>THREE</td>
<td>SEPTEMBER 1983</td>
<td>221-332</td>
</tr>
<tr>
<td>FOUR</td>
<td>DECEMBER 1983</td>
<td>333-432</td>
</tr>
<tr>
<td>FIVE</td>
<td>MARCH 1983</td>
<td>433-540</td>
</tr>
<tr>
<td>SIX</td>
<td>JUNE 1983</td>
<td>541-648</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>649-656</td>
</tr>
</tbody>
</table>
THE ANTIQUARIAN HOROLOGICAL SOCIETY

Officers and Members of the Council and Committees as at 30th September, 1978

President: THE RT. HON. THE LORD HARRIS, C.B.E., M.C., J.P.
Vice-Presidents:  C. CLUTTON, C.B.E.
Chairman:  C. B. DROVER
Vice Chairman:  C. D. BELCHER
Secretary: COMMANDER G. CLARKE, F.C.I.S.
Technical Enquiry Officer: J. H. F. WADSWORTH Deputy Secretary: E. P. WILSON
Editor, Antiquarian Horology: DR. J. PLOWMAN Advertising Agent: J. ARTHUR COOK

Council
C. B. DROVER (Chairman), C. K. AKED, C. D. BELCHER, E. F. BUNT (Librarian), P. G. DAWSON,
COMMANDER H. D. F. NETTELL, T. O. ROBINSON, E. W. TAYLOR, A. A. TREHERNE.

PUBLICATIONS COMMITTEE
Chairman and Secretary:  C. K. AKED. Members: DR. F. G. A. SHENTON, MRS. R. K. SHENTON.

LIBRARY COMMITTEE
Chairman:  E. F. BUNT. Members: C. K. AKED, E. J. TYLER.

NORTHERN SECTION
Chairman: J. B. POLDING Hon. Secretary: N. HARVEY Hon. Treasurer: R. GRAINGER

Irish SECTION
Chairman: C. HEALY
Hon. Secretary and Treasurer: W. G. STUART

AMERICAN SECTION
President and Hon. Secretary: GEORGE C. KENNEY II Treasurer: M. RIMLER
London Liaison Officer: N. LANGMAID

ELECTRICAL HOROLOGY GROUP
Chairman: DR. F. G. A. SHENTON Hon. Secretary: A. MITCHELL
Hon. Treasurer: DR. D. VAUGHAN

TURRET CLOCK GROUP
Chairman: T. O. ROBINSON. Vice Chairman: B. HUTCHINSON. Hon. Secretary: D. F. NETTELL.

CLOCK RESTORATION GROUP
Chairman: C. K. AKED. Hon. Secretary: E. W. TAYLOR. Hon. Treasurer: MRS. J. TAYLOR.
Technical Consultant: B. HUTCHINSON.

New House, High Street, Ticehurst, Wadhurst, Sussex, TN5 7AL
Tel.: 0580 200155903
INDEX 14

A

A.H.S. Tour of France, 1982 46
Adams, George, London barometer 342
Ainé, Borel carriage clock 12
Airy, Sir G B. Astronomer Royal 161
Aked, Charles C, Electrical Precision 172
Aked, Charles K. Sand Glasses, Sundials and Watches. A.H.S. Tour 1982 283
Aked, Charles K. translation of Lépine, Breguet and the Origins of the Lever Escapement in France 369

American Clocks for the Collector. by E J Taylor. book review 168
American Clocks, Nineteenth Century by H.G.Harris. book review 306
Antiquarian Horological Society Thirty Years Ago - founding 248
Arnold and Dent mantel clock 345
Arnold, John. London marine chronometer 336
Astrolabe clock German/French? with automaton 1606 238

Astromonomical clock 238
Bürgi Jost, inside view 1
Bürgi, Jost 63
Ellicott, London 341
Pouvillon, Nogent sur Oise 325, 346
Atkinson, E A. lecture report 183
Aubert & Co. London grande sonnerie carriage clock 241
Aubert & Klaftenberger, Géneve semi-perpetual calendar clock 430
Authers, W.P. with others. Clocks and Clockmakers of Tiverton. book review 75
Automaton figure of monk 327
Automaton clock 238
anonym. German.17th century 109, 128
German/French? with astrolabe.1606 238

B

Baille, Samuel. Dromore. clockmaker 137
Baker, Richard, London longcase clock 103
Ballard, John. Lamberhurst. clockmaker 305
Barber, Jonas. Winster. casemaker 195
Barraud & Lunds, London carriage clock 123
Barrauds, Cornhill, London marine chronometer 111
Barrow, Nathaniel watch 121
Bassnett, James. Liverpool stick barometer 420
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Bateman, D.A. Pendulum Design - A Neglected Area of Horology. lecture 403^V14
Bayley, Barnard, London longcase clock 209^V14
Beatson, Thomas London bracket clock 198^V14
Beatson, Thomas. London bracket clock 199^V14
Beatson, Thomas, London letter from F.J.F.S. 198^V14
Beidemeier Vienna regulator 16^V14
Belcher, C.D. lecture report 82^V14
Bell, J.F. Mount Street, London carriage clock 13^V14
Benford & O’Shea by F F Hill 192^V14
Bergischenland "Rahmenuhrt", wall clock 216^V14
Berthoud^V14
  marine chronometer 48^V14
  marine chronometer 47^V14
Berthoud, Ferdinand marine watch movement 285^V14
Biedemeier month regulator 17^V14
Billings, J. London longcase clock 6^V14
Birchall barometer 116^V14
Bird, John. Dial engraver 277^V14
Birnie, John. clockmaker 154^V14
Bolton, John, Chester-le-Street 30 hour longcase clock with world time 215^V14
Bracket clock^V14
  Beatson, Thomas, London 198^V14
  Beatson, Thomas. London 199^V14
  Brewer, John, London 242^V14
  Bridger, Sam, London 5^V14
  Bull, John 102^V14
  Coster Salomon 401^V14
  Delander, Daniel, London 115^V14
  Ellicot, London, astronomical 341^V14
  Field, Thos. 102^V14
  Fox, London 95^V14
  Ganthony, A. stolen 414^V14
  Gardener, Ambrose, London 117^V14
  Gilbert, Francis. Angers 335^V14
  Grey, Benjamin, London 112^V14
  Hill, Matthew, London 205^V14
  Hill, Thos. 102^V14
  Jones, Henricus 99^V14
  Jones, Henry 351^V14
  Jones, Henry. grande sonnerie 432^V14
  Knibb, Joseph 110^V14
  Knibb, Joseph 125^V14
  Knibb, Joseph - engraved backplate 130^V14
  Marriott, London 95^V14
  McCabe, James. Royal Exchange 321, 421^V14
  Raymond, A, Paris, Boulle clock 213^V14
  Thorogood, Stephen. London 324^V14
  Tompion .stolen 414^V14
  Tregent, James, London 4^V14
  Vale, John, London 15^V14
  Watts, Brounker, London 205^V14
  Webster, William, Exchange Alley. stolen 186, 187^V14
  Webster, William. Exchange Alley 422^V14
  Wise, Luke, Reading 220^V14
Bracket clock, Joseph Knibb, stolen 87^V14
Brass spandrels Felix Hudson 26^V14
Breguet^V14
Lépine, Breguet and the origins of the Lever Escapement in France

369V14

Brock, John regulator movement

162, 165, 169V14

Brocklehurst, Aubrey Horological Terms. lecture report

83V14

Brosse, Bordeaux wall clock

50V14

Bühl clock with de Bethune's escapement

220V14

Bulcke, Jacques, watch/drum clock stolen

87V14

Bull, John bracket clock

102V14

Burgi, Jost astronomical clock

65V14

astronomical clock

63V14

celestial sphere

286V14

Campiche, H.A. Genevé table regulator

330V14

Canton, John. Fellow of Royal Society

277V14

Card, Edmundus, London month duration longcase clock

217V14

Carillon clock Van Hoof et Fils à Anvers

51, 53V14

Carriage clock

Ainé, Borel, Chaux de Fond

12V14

Aubert & Co. London

241V14

Barraud & Lunds, London

123V14

Bell, J.F., Mount St. London

13V14

Carter, John, London

118V14

Cole, Thomas

342V14

Dent, London

334, 344V14

Drocourt

97V14

Girard, P

99V14

Jules, Paris. stolen

186V14

Klaftenberger, London

119V14

Murrey. J à Genève

101V14

Raugel, Paris

241V14

Symspson, Charles

26V14

Carter, John, London carriage clock

118V14

Cary, London sundial

101V14

Celestial sphere Bürgi, Jost

286V14

Chapiro, Adolphe. Lépine, Breguet and the Origins of the Lever Escapement in France

369V14

Chronometer making in Liverpool, by John Griffiths lecture report

314V14

Chronometer marine Parkinson and Frodsham

293V14

Chronometer, marine Shepherd, William

44V14

Chronometer, marine

Arnold, John. London

336V14

Barrauds, Cornhill, London

111V14

Berthoud

48V14

Dent, M F, London

126V14
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Le Roy, Pierre 46V14
Parkinson and Frodsham 289, 290, 291, 292V14
Penlington, John. Liverpool 221V14
Pennington, Robert. London 293, 294, 295V14
Shepherd, William 43V14
Chronometer, marine, Le Roy, Paris 47V14
Chronometer, pocket V14
Earnshaw, Thomas. London 295, 296, 297V14
Frodsham, Charles 76V14
Le Roy, Pierre 284V14
Mallat J E, Paris, with tourbillon 239V14
Prest, Thomas. Chigwell. London 199V14
Chronometers, Three made in London by Felix Hudson 288V14
Chronometers, Three made in London by F. Hudson. Addenda 405V14
Clement, Francis longcase clock 340V14

Clocks and Clockmakers of Tiverton by C.N.Ponsford, J.G.M.Scott & W.. Authors. book review 75V14
Clutton, C, book review 24V14
Cole, J.F. London watch 347V14
Cole, Thomas carriage clock 342V14
Cole, Thomas, London Tripod clock 229V14
Compendium Chr. Vetter, 1639 236V14
Conservatoire des Arts et Meners 46V14
Coster, Salomon bracket clock 401V14
Couteau enamel dial of Robin regulator 51V14
Creighton, Ballymena. clockmaker 137V14
Cuvette Breguet 373V14

D
Dadswell, Thomas, Burwash longcase clock 415V14
Davies, Alun C. book review 75, 79, 81, 155, 168, 181, 306V14
Davis, Alun C. book review 156V14
Davis, John, Windsor turret clock 315V14
Dawson, G.G. with others, early English Clocks. book review 24V14
Deck watch

Earnshaw, Thomas. London 295, 296, 297V14
Pennington, Robert. London 293, 294, 295V14
Delander, Daniel, London bracket clock 115V14
Delaunoy. Élève de Breguet swinging pendulum clock 343V14
Denison wall regulator 158V14
DentV14

Karrusel watch 429V14
table regulator No. 860 7V14
turret clock 315V14
Dent and Arnold mantel clock 345V14
Dent M F, London marine chronometer 126V14
Dent, JohnV14

wall regulator 159V14
wall regulator escapement 160V14
Dent, London carriage clock 334V14
Dent. London carriage clock 344V14
Derandromes. musical clockmaker 171V14

Design of a Quartz Controlled Time Transmitter lecture by H J Marcooly 182V14
Development and Manufacture of a Constant Force Remontoire Escapement lecture by A Randall 183V14
Dial world time 215V14
Dittscheiden minute repeating watch 20V14
Dobson, R.D. & Edwardes, E.L. The Fromanteels and the Pendulum Clock 250V14
Douglas, John, Galston longcase clock 215V14
Drocourt carriage clock, grand sonnerie 9V14
Drover, C.B. with others, Early English Clocks. book review 24V14
Dunlop, Andrew. London longcase clock 240V14
Dunlop, Conyers. London longcase clock 215V14
Dutton, William. London dial of longcase clock 357V14
Dutton, William. London a Longcase Equation Clock by Felix Hudson 356V14
Dunfernline Clockmakers up to 1900 by Jean and Martin Norgate and Felix Hudson. book review 155V14
Durno, A. Longcase clock 241V14
Durno, A. London dial of longcase clock 357V14

Early Clockmakers of Great Britain by Brian Loomes. book review 79V14
Earnshaw, Thomas. London Chronometer, pocket 295V14
Earnshaw, Thomas. London Chronometer, pocket 296, 297V14
Edwardes, E.L., The Clock in Science, Art and Literature. lecture report 84V14
Edwardes, E.L. & Dobson, R.D. The Fromanteels and the Pendulum Clock 250V14
Eisenbach, Maurer, wall regulator 19V14
Elastic Precision. by Charles A Aked 172V14
Ellicott, John London Pocket watch 236V14
Ellicott, John, London astronomical clock 341V14
Equation Clock, William Dutton, London paper by Felix Hudson 356V14
Equation of time clock Thomas Mudge 224, 225V14
EscapementV14
De Bethune, Paris 220V14
diagram of Breguet lever 377V14
gravity, Griebel, Paris 55V14
virgule, Breguet 372V14
Evans, Dr. Gareth. Fourteenth-Century Clocks. lecture 398V14
Exhibition The Shelf Clock in Pennsylvania, 1750-1850, Columbia, 1983 191V14
Faces of Mystery by Anthony Theelke. book review 280V14
Fakes and Facimiles by Beresford Hutchinson. lecture report 82V14
Fayrer, Thomas. Lancaster. clockmaker 195V14
Field, Thos. bracket clock 102V14
Files and File Making lecture by J K Nicholson 183V14
Flaget, Bartholomew longcase clock 245V14
Fleet Street, map 1746 showing location of makers 274V14
Foster, F.A. Pendleton et al 281V14
Fourteenth-Century Clocks. lecture by Dr. Gareth Evans 398V14
Fox, London bracket clock 95V14
Fox, G. lecture report 313V14
French Renaissance mantel clock, c 1560 222V14
French Turret Clock in Wales lecture by John Metcalfe 184V14
Frodsham, Charles, Strand, London pocket chronometer 76V14
tourbillon watch 429V14
Wall regulator 16V14
Frodsham, Charles. Split centre seconds-hand mechanism in a pocket chronometer by 76V14
Fromanteel & Clarke month longcase clock 244V14
Fromanteel, Ahasuerus Mantel clock 237V14
Table Clock 226V14
Fromanteels and the Pendulum Clock. by E.L. Edwardes & R.D. Dobson 250V14
Fusee, The. lecture by Fred Powell 401V14
Galileo Galilei

drawing of pin-wheel escapement 259V14
portrait 257V14

Gallonde, Paris V14

Long-duration clock, year 48V14
year duration clock, detail 49, 50V14
Ganthony, A. bracket clock, stolen 414V14
Gardner, Ambrose, London bracket clock 117V14
Garnier, Paul electric skeleton clock 353V14
Garnier, Richard. The Stylistic Evolution of Tompion Clocks. lecture report 398V14
Geiser, David, Lausanne skeleton clock 57, 58V14
Gelston John. clockmaker 152V14
Gelston, Hugh. clockmaker 152V14
Gelston, William. clockmaker 152V14
Gilbert, Francis. Angers bracket clock 335V14
Gillet and Johnson. "Gillett" Clocks, Carillons, Bells. book review 181V14
Gillet:

Gillow & Co. Lancaster V14

regulator wall clock 197V14
Gillow & Co. Lancaster, letters 193V14
Gillows & Co. Lancaster, letters 194, 195, 415, 416V14
Girard, P carriage clock, petite sonnerie 97V14

Golden Age of English Clockmaking. lecture by Brig. Meyrick Neilson 399V14
Good, Richard Clocks of Japan. lecture report 82V14
Goodall, George. Aberford. clockmaker 137V14
Gould or Knibb? by D.F.Nettell & K. Stocker 50V14
Gould, Christopher longcase clock 8V14
Graham George. London Background of. by John B. Penfold 272V14
Graham, Geo. watch stolen 87V14
Graham, George.London V14

month duration longcase 338, 339V14
Grant, Daniel, London longcase clock 108V14
Gray and the Vulliamys's letter from E.F.B. 415V14
Gray, Benjamin and the Vulliamys by Vaudrey Mercer 266V14
Gray, Benjamin and Vulliamy Justin, London longcase clock 227V14
Gray, Benjamin and Vulliamy, Justin longcase clock 323, 350V14
Grey, Benjamin, London bracket clock 112V14
Gribelin à Blois watch 128V14
Griebel, Paris V14

gravity escapement 55V14
mantel regulator 52, 55V14

Griffiths, J. Chronometer making in Liverpool.lecture report 314V14
Grimalde & Johnson Mantel clock 3V14
Grimes, William longcase clock 9V14
Grinthorpe, Lord turret clock 315V14
Gübelin E. Lucerne miniature l.c. clock. miniature. 203V14

H

Hamilton, John longcase clock 26V14
Hamilton, John, Glasgow V14
detail of dial of longcase 33V14
detail of musical movement of longcase 35V14
dial of longcase 28V14
longcase clock 36V14
movement of musical longcase 34V14
Hannah, J. lecture report 85, 183, 314, 402V14
Hardie family, New Zealand watchmakers 192, 193V14
Harris, H.G. Nineteenth Century American Clocks. book review 306V14
Harrocks, Joshua. Lancaster. clockmaker 195V14
Hartup balance, The by Robert W Smith 30V14
Hartup balance 41V14
Hasse, Gottridt, Ausburg quarter repeating pocket watch 236V14
Hawes, London barometer 342V14
Haythornthwaite. Kirkby Longdale. clockmaker 195V14
Henderson, Robert mantel clock 349V14
Hill F.F. Benford & O'Shea 192V14
Hill, Matthew. London Bracket clock 205V14
Hill, Thos. bracket clock 102V14
Hindley, York longcase clock 106V14
Hirschl, Dr. Adolfe, Director of Neuchâtel Observatory 172V14
Hobson's Choice by Charles Hobson. book review 307V14
Holmes, Strand, London longcase clock 207V14
Hopkings, Henry. Deptford longcase clock 428V14
Horological Term by Aubrey Brocklehurst. lecture report. 83V14
Howie, Authur, Paisley. dial of longcase 31V14
longcase clock 37, 38V14
Hudson, Felix. Brass spandrels 26V14
William Dutton, London. A Longcase Equation Clock 356V14
Hudson, Felix. Three Chronometers made in London 288V14
Hudson, Felix. Three chronometers made in London. Addenda 405V14
Hughes, William. London travelling clock 243V14
Hume, A W J G. Musical Clocks 171V14
Hutchinson, Beresford and Vaughan Denis Fakes and Facsimiles. lecture report 82V14
Hutchinson, Beresford. Marine Chronometers at Greenwich. lecture 400V14
Hutchinson, Beresford. History of the Royal Observatory at Greenwich. lecture 402V14
Huygens, Christiaan. design for a timepiece 262, 263V14
portrait 261V14
Huyton, Arthur Harold 408V14
Ilbery watch 127V14
J
Jagger, Cedric. Royal Clocks. book review 307V14
Jerome, Jewell & Co. letter from USA re records 198V14
review of bankruptcy 191V14
Jeune, Vermeuil mantel clock 57V14
mantel clock 57V14
John Smith and Sons 403V14
Johnson, W. Strand, London Table skeleton regulator 228V14
Jones, Henricus bracket clock 99V14
Jones, Henry, London bracket clock 351V14
grande sonnerie table clock 432V14
Jost Bürgi (Justus Borgen) A 16th Century astronomical table clock with non-uniform motions of the sun and moon by Helge B.J. Karlsen 63V14
Jump & Sons 408V14
Jump Sector, The 409V14
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jump, Alfred</td>
<td>406V14</td>
</tr>
<tr>
<td>Jump, Harry Percy</td>
<td>408V14</td>
</tr>
<tr>
<td>Jump, Hayton Richard</td>
<td>406V14</td>
</tr>
<tr>
<td>Jump, Henry Joseph</td>
<td>408V14</td>
</tr>
<tr>
<td>Jump, Mount Street, London</td>
<td>220V14</td>
</tr>
<tr>
<td>Jumps and their Sectors</td>
<td>406V14</td>
</tr>
<tr>
<td>Justin Vulliamy, London</td>
<td>227V14</td>
</tr>
<tr>
<td>Karlsen, Helge B.J.</td>
<td>63V14</td>
</tr>
<tr>
<td>Klaftenberger, London</td>
<td>119V14</td>
</tr>
<tr>
<td>Knibb, John. Oxon</td>
<td>233V14</td>
</tr>
<tr>
<td>Knibb, Joseph, London</td>
<td>125V14</td>
</tr>
<tr>
<td></td>
<td>110V14</td>
</tr>
<tr>
<td></td>
<td>130V14</td>
</tr>
<tr>
<td></td>
<td>105V14</td>
</tr>
<tr>
<td>Knox John, clockmaker</td>
<td>152V14</td>
</tr>
<tr>
<td>Knox, John. Larne.</td>
<td>137V14</td>
</tr>
<tr>
<td>Lantern clock anonymous</td>
<td>11V14</td>
</tr>
<tr>
<td>Lapauve mantel clock, marble</td>
<td>54V14</td>
</tr>
<tr>
<td>Lawence, John. Lancaster</td>
<td>196V14</td>
</tr>
<tr>
<td>Le Roy, Paris</td>
<td>378V14</td>
</tr>
<tr>
<td>Le Roy, Pierre</td>
<td>284V14</td>
</tr>
<tr>
<td>Bateman, D.A. Pendulum Design</td>
<td>403V14</td>
</tr>
<tr>
<td>Evans, Dr. Gareth.</td>
<td>398V14</td>
</tr>
<tr>
<td>Garnier, Richard.</td>
<td>398V14</td>
</tr>
<tr>
<td>Griffiths, J. Chronometer</td>
<td>314V14</td>
</tr>
<tr>
<td>Hutchinson, Beresford.</td>
<td>400V14</td>
</tr>
<tr>
<td>Hutchinson. Beresford. History</td>
<td>402V14</td>
</tr>
<tr>
<td>Meecem, Peter. Quaker</td>
<td>399V14</td>
</tr>
<tr>
<td>Neilson, Brig. Meyrick.</td>
<td>399V14</td>
</tr>
<tr>
<td>Paton, L. Selection and</td>
<td>397V14</td>
</tr>
<tr>
<td>Polding, John.</td>
<td>399V14</td>
</tr>
<tr>
<td>Powell, Fred. The Fusee</td>
<td>401V14</td>
</tr>
<tr>
<td>Brocklehurst, Aubrey</td>
<td>83V14</td>
</tr>
<tr>
<td>Chipperfield, Miss Diane.</td>
<td>182V14</td>
</tr>
<tr>
<td>Edwardes, E.L., Clock in</td>
<td>84V14</td>
</tr>
<tr>
<td>Good Richard, Clocks of Japan.</td>
<td>82V14</td>
</tr>
<tr>
<td>Hutchinson, Beresford and</td>
<td>82V14</td>
</tr>
<tr>
<td>Marcooyln, F J. Operation of</td>
<td>182V14</td>
</tr>
<tr>
<td>Marcooyln, H J. Design for a</td>
<td>182V14</td>
</tr>
<tr>
<td>Metcalfe, John. French Turret</td>
<td>184V14</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Nicholson, J K. *Files and File Making* 183V14
Perkins, Mr & Mrs P. *Restoration of White dials* 182V14
Randall, A. *Development and Manufacture of a Constant Force Remontoire Escapement* 183V14
Randall, Anthony, *Constant Force Escapements* 84V14
Vaughan, Denis, *W.E. Palmer's Electric Clock Circa 1902* 83V14
Ward, Dr. F A B, *Sundials, Astrolabes & Enamelled Watches at the V & A Museum* 85V14
Ward, Dr. *Sundials* 313V14

Leeson, Graham. lecture report 400V14
Leidl, John Scull-form watch 236V14
Lemercier square-wheeled clock 54V14
Lepaute 52V14
mantel clock 52V14
regulator 51, 52V14
Lépine lever and escape wheel 378V14

*Lépine, Breguet and the Origins of the Lever Escapement in France* by Adolphe Chapiro 369V14

Lepine, Jean-Antoine balance 382V14
Lépine, Jean-Antoine watch 381, 387V14

Lépine, Jean-Antoine 380V14
balance 387, 388V14
balance staff and lever 395V14
lever and escape wheels 386V14
movement 383, 384, 385, 390, 391, 392, 393, 394V14
movement and cuvette 389V14
Lépine, Jean-Antoine, watch movement 380V14
Liverpool Observatory 40V14
early view 39V14

*The Hartnup Balance*. R W Smith 39V14

Longase clock 38V14
Howie, Author, Paisley 38V14

Longcase clock 103V14
Baker, Richard. London 103V14
Bayley Barnard, London 209V14
Benjamin Gray and Vulliamy, Justin 227V14

Longcase clock cont 6V14
Billings, John, London 215V14
Bolton, John, Chester-le-Street 217V14
Card, Edmundus, London, month duration 217V14
Clement, Francis 340V14
Dadswell, Thomas. Burwash 415V14
Douglas, John, Galston 215V14
Dunlop, Andrew. London 240V14
Dunlop, Conyers, London 215V14
Dutton, William. London 333V14
Ellicott, John, London 209V14
Flaget, Bartholomew 245V14
Fromanteel & Clarke, month duration 244V14
Gould, Christopher, London 8V14
Graham, George. month duration 338, 339V14
Grant, Daniel, London 106V14
Gray, Benjamin and Vulliamy, Justin 323, 350V14
Grimes, William, London 9V14
Gübelin E. Lucerne. miniature 203V14
Hamilton, John 26, 36V14
Hindley, York 106V14
Holmes, Strand, London 207V14
Hopkins, Henry. Deptford 428V14
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Howie, Arthur, Paisley 37V14
John Knibb, Oxon 233V14
Knibb, Joseph 105V14
Knibb, Peter. London. three month duration 246V14
Knight, Michael. London 309V14
Lawrence, John. Lancaster 196V14
Norris, Joseph 198V14
Pare, Thomas, London 114V14
Pyne, Nathaniel, London 104V14
Richard Baker, London 232V14
Robert Street & Co. Bridgewater 415V14
Robin, Robert 2V14
Scott, Thomas, Gainsborough 215V14
Scott, William, Beith 37V14
Seymour, John, Wantage 113V14
Shortland, William. Stony Stratford 309V14
Sowerby, Jeremiah 194V14
Thomas Mudge, equation of time 224, 225V14
Tompion, Thomas 21V14
Topping, John 122V14
Watt, John, Irvine 36V14
Whittaker, Thomas 10V14
Willshire, James. Rotherhithe 323, 350V14
Wilson J. Belfast 135V14
Wilson J. Belfast 134V14
Wilson J. Belfast - dial 145V14
Wilson J. Belfast - l.c.dial 147, 149, 151V14
Wilson J. l.c.clock signatures 153V14
Wilson J. Belfast - dial 136V14
Windmills, Joseph 129V14
Woodburn, John 215V14

Longcase Clocks, by John McDonald. book review 81V14

Long-duration clock, yearV14
Gallonde, Paris 48V14
Gallonde, Paris, detail 49, 50V14

Long-duration, monthV14
Card, Edmundus, London, longcase clock 217V14
Ellicott, John, loncase clock 209V14
Fromanteel & Clarke, longcase clock 244V14
Graham, George. longcase 338, 339V14
mantel regulator 211V14

Long-duration, three monthV14
Knibb, Peter, London. longcase movement 246V14

Loomes Brian, Early Clockmakers of Great Britain. book review 79V14
Lord Grimthorpe and his Experimental Regulator by John Martin & Derek Roberts 157V14

M
Mallat, J.E. Paris Pocket chronometer with tourbillon 239V14
Mantel clockV14
Arnold and Dent 345V14
Aubert & Klaftenberger, Géneve. semi-perpetual calendar 430V14
English, anon. 352V14
French Renaissance. c 1560 222V14
Fromanteel, Ahasuerus 237V14
Gribeil, Paris 53, 55V14
Grimalde & Johnson, Strand, London 3V14
Henderson, Robert 349V14
Jeune, Verneuil 57V14
## Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Location/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>La Can, Paris.</td>
<td>stolen</td>
</tr>
<tr>
<td>Lapaute</td>
<td></td>
</tr>
<tr>
<td>Lepaute</td>
<td></td>
</tr>
<tr>
<td>Marti et Cie.</td>
<td>stolen</td>
</tr>
<tr>
<td>Viner, London</td>
<td></td>
</tr>
<tr>
<td>Margaretts watch</td>
<td></td>
</tr>
<tr>
<td>Marine Chronometers at Greenwich.</td>
<td>lecture by Beresford Hutchinson</td>
</tr>
<tr>
<td>Marks, J.</td>
<td>book review</td>
</tr>
<tr>
<td>Marriott, London</td>
<td>bracket clock</td>
</tr>
<tr>
<td>Marti et Cie. mantel clock.</td>
<td>stolen</td>
</tr>
<tr>
<td>Martin John and Roberts Derek.</td>
<td>Lord Grimthorpe and his Experimental Regulator</td>
</tr>
<tr>
<td>Mauss, Joachim.</td>
<td>A split centre seconds-hand mechanism in a pocket chronometer by Charles Frodsham</td>
</tr>
<tr>
<td>McCabe, James.</td>
<td>Royal Exchange bracket clock</td>
</tr>
<tr>
<td>McCabe, Patrick.</td>
<td>Lurgan. clockmaker</td>
</tr>
<tr>
<td>McCabe, Thomas &amp; James.</td>
<td>clockmakers</td>
</tr>
<tr>
<td>McDonald, John.</td>
<td>longcase Clocks. book review</td>
</tr>
<tr>
<td>McKay, C G</td>
<td>lecture report</td>
</tr>
<tr>
<td>McKibben, Lisburn.</td>
<td>clockmaker</td>
</tr>
<tr>
<td>Meecham, John.</td>
<td>Quaker Clockmakers from North Oxfordshire</td>
</tr>
<tr>
<td>Mercer, Dr. Vaudrey</td>
<td></td>
</tr>
<tr>
<td>Mercer, Frank.</td>
<td>clockmaker</td>
</tr>
<tr>
<td>Mercer, Thomas.</td>
<td>clockmaker</td>
</tr>
<tr>
<td>Mercer, Vaudrey.</td>
<td>Benjamin Gray and the Vulliamys</td>
</tr>
<tr>
<td>Mercer, Vaudrey.</td>
<td>The Jumps and their Sectors</td>
</tr>
<tr>
<td>Metcalfe, John.</td>
<td>French Turret Clock in Wales. lecture report</td>
</tr>
<tr>
<td>Miniature longcase regulator</td>
<td></td>
</tr>
<tr>
<td>Mitchell, A.</td>
<td>lecture report</td>
</tr>
<tr>
<td>Month clock Regulator</td>
<td></td>
</tr>
<tr>
<td>Moore, John.</td>
<td>Clerkenwell</td>
</tr>
<tr>
<td>turret clock</td>
<td></td>
</tr>
<tr>
<td>Mosslinger, Franz</td>
<td>Vienna regulator</td>
</tr>
<tr>
<td>Mudge Thomas</td>
<td>Longcase equation of time clock</td>
</tr>
<tr>
<td>Mukle. musical</td>
<td>clockmaker</td>
</tr>
<tr>
<td>Murrey, J à Genève</td>
<td>pendule portative carriage clock</td>
</tr>
<tr>
<td>Museums</td>
<td></td>
</tr>
<tr>
<td>Boerheeve Musum,</td>
<td>Leiden</td>
</tr>
<tr>
<td>Ford Museum, Dearborn</td>
<td>Michegan</td>
</tr>
<tr>
<td>Glynn Vivian Art Gallery and Museum, Swansea</td>
<td></td>
</tr>
<tr>
<td>Goud, Zilver en Klokkken Museum, Schoonhoven</td>
<td></td>
</tr>
<tr>
<td>Grosvenor Museum,</td>
<td>Chester</td>
</tr>
<tr>
<td>International Museum of Horology, La Chaux-de-Fonds, Switzerland</td>
<td></td>
</tr>
<tr>
<td>Museum of clocks,</td>
<td>Alum Bay, Isle of Wight</td>
</tr>
<tr>
<td>Museum van Speeldoes,</td>
<td>Utrecht</td>
</tr>
<tr>
<td>Prescot Clock and Watch Museum</td>
<td></td>
</tr>
<tr>
<td>Rijksmuseum, Amsterdam</td>
<td></td>
</tr>
<tr>
<td>Time Museum, Rockford</td>
<td></td>
</tr>
<tr>
<td>Willis Museum and Art Gallery, Basingstoke</td>
<td></td>
</tr>
<tr>
<td>Zaans Uurwerken Museum, Zaanse Schans</td>
<td></td>
</tr>
<tr>
<td>Musical clock</td>
<td></td>
</tr>
<tr>
<td>Delendromes</td>
<td></td>
</tr>
<tr>
<td>German/French?, with astrolabe &amp; automaton.</td>
<td>1606</td>
</tr>
<tr>
<td>Hamilton, John,</td>
<td>Glasgow</td>
</tr>
<tr>
<td>Mukle G.</td>
<td></td>
</tr>
<tr>
<td>Welte, G.</td>
<td></td>
</tr>
<tr>
<td>Wilson J. Belfast -dial of l.c.clock</td>
<td></td>
</tr>
<tr>
<td>Wilson J. Belfast.</td>
<td>Dial and hood</td>
</tr>
<tr>
<td>Wilson J. Belfast.</td>
<td>movement</td>
</tr>
</tbody>
</table>

---

[186][14] [54][14] [52][14] [414][14] [124][14] [231][14] [400][14] [95][14] [414][14] [157][14] [76][14] [321][14] [184][14] [137][14] [399][14] [161][14] [281][14] [281][14] [266][14] [406][14] [184][14] [81][14] [184][14] [20][14] [321][14][14] [321][14] [401][14] [18][14] [397][14] [18][14] [305][14] [314][14] [223][14] [224][14][225] [224][14] [225][14] [171][14] [101][14] [401][14][401][14] [402][14] [398][14] [401][14] [282][14][403][14] [218][14] [401][14] [402][14] [313][14] [401][14] [401][14] [171][14] [141][14] [139][14] [138][14] [171][14] [238][14] [26][14] [171][14] [141][14] [139][14] [138][14] [171][14] [238][14] [26][14] [171][14] [141][14] [139][14] [138][14]
Wilson J. Belfast. movement of l.c.clock 143V14
Musical Clocks by A W J G Ord-Hume 171V14

N
Negretti and Zambra stick barometer 420V14
Neilson, Brig. Meyrick. The Golden Age of English Clockmaking. lecture 399V14
Nettell, D.F. & Stocker, K. Gould or Knibb? 59V14
Nettell, D.F. book review 396V14
New Zealand clockmaking V14
   Hardy family, watchmakers. letter 192V14
   reply to letter regarding the Hardy family from the Editor 193V14
   Watt J H, Auckland. letter from Editor 193V14
Noakes, John and son. Burwash. watchmakers 305V14
Norgate, Jean and Martin. Dunfirmline Clockmakers up to 1900. book review 155V14
Norris, Joseph longcase clock. 30 hour 198V14
Northern Goldsmiths Company tourbillon watch 429V14

O
Operation of "Chronopher" Master Clock by Gents of Leicester V14
   lecture by H J Marcoolyn 182V14
Organ clock Van Hoof et Fils à Anvers 51, 52V14

P
Paine, J P turret clock 315V14
Pare, Thomas, London longcase clock 114V14
Parkes, D.W., Early English Clocks. book review 24V14
Parkinson and Frodsham V14
   marine chronometer 289V14
   marine chronometer 290, 291, 292, 293V14
Parkinson, Lancaster. clockmaker 195V14
Paton, L. The Selection and Properties of Steel for Horology. lecture 397V14
Pendleton et al. by F.A.Foster 281V14
Pendulum Design - A Neglected Area of Horology. Lecture by D.A.Bateman 403V14
Penfold, John B. The London Background of George Graham 272V14
Penlington, James. Liverpool watch 312V14
Penlington, John marine chronometer 221V14
Penney, D. book review 307V14
Penlington, Robert. London V14
   deck watch chronometer 293V14
   marine chronometer 294, 295V14
   Petit, Nicholas case of Lepaute regulator 51, 52V14
   Peucker, Peter, Vienna Vienna regulator 223V14
Plowman, J. book review 87V14
Polding, John. Problems of Restoration and Conservation. lecture 399V14
Pons, Honoré regulator, coup perdu escapement 55V14
Ponsford, C.N. with others. Clocks and Clockmakers of Tiverton. book review 75V14
Pouillon. Nogent sur Oise V14
   astronomical clock 325V14
   astronomical clock 346V14
Powell, Fred. The Fusee. lecture 401V14
Prest, Thomas. Chigwell, London split second chronometer 199V14
Pryce, Dr. W T R. lecture report 398V14
Pulse watch Watson, Samuel 156V14
Pulse Watch, The by J H F Wadsworth 156V14
Pyne, Nathaniel, London longcase clock 104V14

Q
Quaife, Thomas. Battle watch maker 305V14
Quaker Clockmakers from North Oxfordshire 399V14
R

Randall, Anthony *Constant Force Escapements*. lecture report 84

Raugel, Paris grande sonnerie carriage clock 241

Rayment, John, Huntingdon turret clock 316

Raymond, A, Paris Boulle bracket clock 213

Regulator

- anonymous, miniature 20
- Biedemeier, Wein 17
- Breguet 50
- Dwerrhouse & Bell 17
- Le Paute, Paris 332
- Lepaute 51, 52
- Petit case of Lepaute regulator 51, 52
- Pons, Honoré 55
- Robin, Robert, Paris 2
- Watson, William, London 337
- Woodwiss, Birmingham 234

Regulator, mantel

- Griebel, Paris 52, 55
- month-going 211
- sold at Sotheby's 18

Regulator, table

- Campiche, H.A. Genevé 330
- Dent, No.860 7
- Jump, Mount Street, London 220
- Le Roy, Paris 220
- W. Johnson, Strand, skeleton clock 228

Regulator, Vienna

- Franz Mosslinger, Wein 223
- Grand Sonnerie, c. 1820 223
- Peter Peucker, Wien 223

Regulator, wall

- Beidermeier, Vienna 16
- Brock 161
- Brock, movement 162, 165, 169
- Denison 158
- Dent John 159
- Dent, escapement 160
- Eisenbach, Maurer 19
- Frodsham, Charles, London 16
- Robin 49

Renaissance mantel clock, c. 1560 222

Rentzsch, Sigismund quarter repeating watch 429

*Restauration and Conservation, Problems of*. lecture by John Polding 399

*Restauration of Enamelled Dials* lecture by Miss Diane Chipperfield 182

*Restauration of White Dials* lecture by Mr & Mrs P Perkins 182


Rippington, Alan lecture report 84, 182

Rippington, Alan, lecture report 399

Robert Street & Co. Bridgewater longcase clock 415

Roberts, Derek & Martin, John. *Lord Grimthorpe and his Experimental Regulator* 157

Roberts, Samuel, Llanfair Caerinon. clockmaker 137

Robin, Robert

- regulator 48
- regulator, dial by Couteau 51
- Robin, Robert, Paris regulator 2, 49
Royal Clocks by Cedric Jagger. book review 307V14
Royal Observatory at Greenwich History of the. lecture by Hutchinson.B. lecture report 402V14
Sand-glasses, Sundials and Watches. AHS Tour 1982 by C.K.Aked 283V14
Scott, J.G.M. with others. Clocks and clockmakers of Tiverton. book review 75V14
Scott, Thomas, Gainsborough longcase clock 215V14
Seaby, W A, James Wilson, Clockmaker of Belfast 133V14
Seymour, John, Wantage Longcase clock 113V14
Sheepshanks, Rev. Richard 41V14
Shepherd, Liverpool, chronometer maker 40V14
Shepherd, William marine chronometer 43, 44V14
Short, James, Fellow of The Royal Society 277V14
Shenton, Rita, lecture report 82, 83, 403V14
Skeleton clockV14
Smith, Gabriel of Barthomley by Alan Treherne. lecture report 314V14
Smith, Robert W, The Hartnup Balance 39V14
Smiths of Derby 403V14
Smedley, Joseph. Hatton Garden stick barometer 420V14
Some clocks seen on the A.H.S. tour of France, 1982 by Paul Tuck 46V14
Sowerby, Jeremiah Longcase clock 194V14
Sparkes, B E lecture report 84V14
Sparkes, B E. lecture report 399V14
Split Centre Seconds-hand Mechanism in a Pocket Chronometer by Charles Frodsham. by Joachim Mauss 76V14
Steel for Horology, Selection and Properties of. lecture by L.Paton 397V14
SundialV14
Street, Eric. More about Watch Stands 298V14
Street, Robert longcase clock 415V14
Stirrat, J, KilwinningV14
table clock
Stock, K & Nettell, D.F. Gould or Knibb? 59V14
Street, Eric. More about Watch Stands 298V14
Street, Robert longcase clock 415V14
SullyV14
Ticehurst Church Clock by E. J. Tyler 304V14
Ticehurst Church Clock by E. J. Tyler 304V14
<table>
<thead>
<tr>
<th>Author/Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Cumulative Index for Antiquarian Horology Volumes 10 to 19</em></td>
<td>306^V14</td>
</tr>
<tr>
<td><em>Timepieces in The Tower</em> by Roy Rice</td>
<td>395^V14</td>
</tr>
<tr>
<td>Tolhurst, Henry, Ticehurst. clockmaker</td>
<td>305^V14</td>
</tr>
<tr>
<td><em>Tompion Clocks, Stylistic Evolution of</em></td>
<td>398^V14</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>314^V14</td>
</tr>
<tr>
<td>bracket clock, stolen</td>
<td>414^V14</td>
</tr>
<tr>
<td>longcase clock</td>
<td>21^V14</td>
</tr>
<tr>
<td>Topping, John longcase clock</td>
<td>122^V14</td>
</tr>
<tr>
<td>Travelling clock Hughes, William. London</td>
<td>243^V14</td>
</tr>
<tr>
<td>Tregent, James, London bracket clock</td>
<td>4^V14</td>
</tr>
<tr>
<td>Treherne Alan, <em>Gabriel Smith of Barthomley</em>. lecture report</td>
<td>314^V14</td>
</tr>
<tr>
<td>Tripod clock Thomas Cole</td>
<td>229^V14</td>
</tr>
<tr>
<td>Tuck, Paul, <em>Some clocks seen on the A.H.S. tour of France, 1982</em></td>
<td>46^V14</td>
</tr>
<tr>
<td>Turret clock</td>
<td>184^V14</td>
</tr>
<tr>
<td>Briant</td>
<td>59^V14</td>
</tr>
<tr>
<td>Burley-on-the-Hill</td>
<td>60^V14</td>
</tr>
<tr>
<td>Davis, John, Windsor</td>
<td>315^V14</td>
</tr>
<tr>
<td>Dent</td>
<td>315^V14</td>
</tr>
<tr>
<td>French Turret Clock in Wales. lecture by John Metcalfe. lecture report</td>
<td>184^V14</td>
</tr>
<tr>
<td>Gould or Knibb?</td>
<td>315^V14</td>
</tr>
<tr>
<td>Grimthorpe, Lord</td>
<td>315^V14</td>
</tr>
<tr>
<td>Knibb, Joseph, London, at Burley-on-the-Hill</td>
<td>60^V14</td>
</tr>
<tr>
<td>Moore, John, Clerkenwell</td>
<td>314^V14</td>
</tr>
<tr>
<td>Paine, J P</td>
<td>315^V14</td>
</tr>
<tr>
<td>Ticehurst Church</td>
<td>304^V14</td>
</tr>
<tr>
<td>Tyler, E. J. <em>Ticehurst Church Clock</em></td>
<td>304^V14</td>
</tr>
<tr>
<td>U</td>
<td></td>
</tr>
<tr>
<td>Usherwood, John. Ticehurst. clockmaker</td>
<td>305^V14</td>
</tr>
<tr>
<td>V</td>
<td></td>
</tr>
<tr>
<td>Vale, John, London bracket clock</td>
<td>15^V14</td>
</tr>
<tr>
<td>Van Hoof et Fils à Anvers</td>
<td>51^V14</td>
</tr>
<tr>
<td>skeleton/carillon/organ clock</td>
<td>53^V14</td>
</tr>
<tr>
<td>Vaughan, Denis <em>W.E.Palmer's Electric Clock Circa 1902</em>. lecture report</td>
<td>83^V14</td>
</tr>
<tr>
<td>Vetter, Chr. Compendium</td>
<td>236^V14</td>
</tr>
<tr>
<td>Vinci, Leonardo da</td>
<td>252^V14</td>
</tr>
<tr>
<td>self portrait</td>
<td>254^V14</td>
</tr>
<tr>
<td>sketches of verge escapements</td>
<td></td>
</tr>
<tr>
<td>Viner, London mantel clock</td>
<td>124^V14</td>
</tr>
<tr>
<td>Vulliamy, Justin and Gray, Benjamin longcase clock</td>
<td>323, 350^V14</td>
</tr>
<tr>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Wadsworth J H F. <em>The Pulse Watch</em></td>
<td>156^V14</td>
</tr>
<tr>
<td>Wall clock</td>
<td>197^V14</td>
</tr>
<tr>
<td>Bergischenland, &quot;Rahmenuhr&quot;</td>
<td></td>
</tr>
<tr>
<td>Brosse, Bordeaux</td>
<td>216^V14</td>
</tr>
<tr>
<td>Gillow &amp; Co. Lancaster</td>
<td>54, 56, 216^V14</td>
</tr>
<tr>
<td>Ward, Dr. F A B, <em>Sundials, Astolabes &amp; Enamelled Watches at the V &amp; A</em>.lecture report</td>
<td>85^V14</td>
</tr>
<tr>
<td>Ward, Dr. <em>Sundials</em>.lecture report</td>
<td>313^V14</td>
</tr>
<tr>
<td>Wardle, John, Clockmaker, Ashbourne</td>
<td>183^V14</td>
</tr>
<tr>
<td>Watch</td>
<td>121^V14</td>
</tr>
<tr>
<td>Barrow, Nathaniel</td>
<td>121^V14</td>
</tr>
<tr>
<td>Berthoud, Ferdinand, movement</td>
<td>285^V14</td>
</tr>
<tr>
<td>Cole, J.F. London</td>
<td>347^V14</td>
</tr>
<tr>
<td>Dent. Karrusel</td>
<td>429^V14</td>
</tr>
<tr>
<td>Ditischeim, minute repeater</td>
<td>20^V14</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Ellicot, London 236V14
Frodsham, Charles. tourbillon 429V14
Gribelin à Blois 128V14
Haase Gottridt, Ausburg 236V14
Ilbery 127V14
Leidl John, skull-form watch 236V14
Lépine 387V14
Lépine movement 380V14
Lépine, Jean-Antoine 381V14
Margetts No.1128 231V14
Northern Goldsmith Company. tourbillon 429V14
Penlington, James. Liverpool 312V14
Rentzsch, Sigismund 429V14
Sedden, Nathaniel, St.James’. stolen 186, 187V14
Watch stands illustrations 299, 300, 301, 303V14
Watch Stands, More about, by Eric Street 298V14
Watch, by Geo. Graham. stolen 87V14
Watch/drum clock by Jacques Bulcke, stolen 87V14
Watson, Samuel pulse watch 156V14
Watson, Sir William. Vice-President of The Royal Society 276V14
Watson, William. London regulator longcase 337V14
Watt J H. Auckland, New Zealand. Letter from Editor 193V14
Watt, John, Irvine 27, 29V14
dial of longcase 36V14
longcase clock 205V14
Watts, Brounker, London bracket clock 205V14
Webster, William. Exchange Alley bracket clock 422V14
Welte G. musical clockmaker 171V14
White Dial Clocks & Cases V14
letter from B L 193V14
reply to B.L. letter by Susan E Stuart 194V14
Whittaker, Thomas longcase clock 10V14
Willshire, James. Rotherhithe longcase clock 323, 350V14
Wilson J, Belfast V14
dial of musical l.c.clock 141V14
l.c. musical movement 138V14
l.c.clock dial 145, 147, 149, 151V14
longcase clock 135V14
longcase clock dial 136V14
longcase clock signatures 153V14
longcase clocks 134V14
movement of musical l.c.clock 143V14
Wilson, J, Belfast. Musical clock dial and hood 139V14
Wilson, James Clockmaker of Belfast. by Wilfred A Seaby 133V14
Windmills, Joseph longcase clock 129V14
Wise, Luke, Reading bracket clock 220V14
Woodburn, John longcase clock 215V14
Woodwiss, Birmingham Longcase regulator 234V14
Worshipful Company of Clockmakers 404V14
# ANTQUARIAN HOROLOGY

AND THE PROCEEDINGS OF

THE ANTIQUARIAN HOROLOGICAL SOCIETY

VOLUME XV
September 1984 to December 1985

THE ANTIQUARIAN HOROLOGICAL SOCIETY
LONDON
MCMLXXXVI

PAGINATION OF THE JOURNAL

<table>
<thead>
<tr>
<th>Issue No.</th>
<th>Published</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONE</td>
<td>MARCH 1983</td>
<td>1-96</td>
</tr>
<tr>
<td>TWO</td>
<td>JUNE 1983</td>
<td>97-196</td>
</tr>
<tr>
<td>THREE</td>
<td>SEPTEMBER 1983</td>
<td>197-300</td>
</tr>
<tr>
<td>FOUR</td>
<td>DECEMBER 1983</td>
<td>301-412</td>
</tr>
<tr>
<td>FIVE</td>
<td>MARCH 1983</td>
<td>413-532</td>
</tr>
<tr>
<td>SIX</td>
<td>JUNE 1983</td>
<td>533-652</td>
</tr>
<tr>
<td>Title</td>
<td>Page</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td>Andrew Dunlop C.C. 1701-32 By A. Maxwell-Irving</td>
<td>36V15</td>
<td></td>
</tr>
<tr>
<td>The Iron and Steel available to the Horological Masters of the Past</td>
<td>47V15</td>
<td></td>
</tr>
<tr>
<td>Thomas Mudge, London. A Roman Striking Bracket Clock c. 1770 By F.</td>
<td>53V15</td>
<td></td>
</tr>
<tr>
<td>Hudson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anglo-Saxon Sun Dials and the Tidal System of Time Measurement By A.</td>
<td>76V15</td>
<td></td>
</tr>
<tr>
<td>Turner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Neat Clockcase Ornamented By S. Stuart</td>
<td>121V15</td>
<td></td>
</tr>
<tr>
<td>Thomas William Yates of Preston By Carrington &amp; Kemp</td>
<td>144V15</td>
<td></td>
</tr>
<tr>
<td>A Rare Complicated Watch by Piguet By R. Good</td>
<td>147V15</td>
<td></td>
</tr>
<tr>
<td>An Apprentice in 1910</td>
<td>160V15</td>
<td></td>
</tr>
<tr>
<td>An Interior Church Clock Dial in Haarlem By L. van Lambalgen</td>
<td>161V15</td>
<td></td>
</tr>
<tr>
<td>Londini Fake It? By M. Farey</td>
<td>165V15</td>
<td></td>
</tr>
<tr>
<td>Clocks in the Paintings of Titian By Dr. F. Ward</td>
<td>224V15</td>
<td></td>
</tr>
<tr>
<td>The Noctuary or Watchman's Clock By A. Burchall</td>
<td>231, 362, 490V15</td>
<td></td>
</tr>
<tr>
<td>Three Edinburgh Makers By F. Hudson</td>
<td>253V15</td>
<td></td>
</tr>
<tr>
<td>Galileo Galilei and Christiaan Huygens By R. Dobson</td>
<td>261,373,509V15</td>
<td></td>
</tr>
<tr>
<td>A Conjectural Reconstruction of the Perpignion Clock of 1356 By Dr.</td>
<td>330, 491V15</td>
<td></td>
</tr>
<tr>
<td>H. Rose</td>
<td>355V15</td>
<td></td>
</tr>
<tr>
<td>1984 AHS Tour of Vienna By C. K. Aked</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Mechanical Clock for a Medieval Quarry By G. del Vecchio</td>
<td>368V15</td>
<td></td>
</tr>
<tr>
<td>A Birdcage Clock at Norrington Court By Snell &amp; Backinsell</td>
<td>370V15</td>
<td></td>
</tr>
<tr>
<td>The Rack Lever Watch, Today's Survivals By R. Kemp</td>
<td>375V15</td>
<td></td>
</tr>
<tr>
<td>John Smith, Pittenweem By F. Hudson</td>
<td>440V15</td>
<td></td>
</tr>
<tr>
<td>Measurements of the Quality Factor of the Pendulums of four clocks by</td>
<td>479, 604V15</td>
<td></td>
</tr>
<tr>
<td>John Harrison By Bateman &amp; James</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isaiah Lukens By B. Forman</td>
<td>511V15</td>
<td></td>
</tr>
<tr>
<td>A Watch from H.M.S. Pandora By Carpenter, Pigott &amp; Whitwell</td>
<td>560V15</td>
<td></td>
</tr>
<tr>
<td>Kater's Escapement By P. Woodland</td>
<td>573V15</td>
<td></td>
</tr>
<tr>
<td>William Monk Turret Clocks By M. Snell</td>
<td>583V15</td>
<td></td>
</tr>
<tr>
<td>Duo in Uno By R. Simpson</td>
<td>602V15</td>
<td></td>
</tr>
<tr>
<td>An Early 18th Century Watchmaker's Notebook By A. Smith</td>
<td>605V15</td>
<td></td>
</tr>
</tbody>
</table>
INDEX TO VOLUME FIFTEEN
September 1984 – December 1985
Compiled by Robert Ovens Grad. BHI

Page numbers in bold type denote an illustration
AHS Section and Group meetings are indexed under lecture title and author.
For all other AHS activities eg tours, see 'Section Visits'

A
Act of Parliament clock, V15
   Ireland, Covent Garden, London, Act of Parliament clock  110\textsuperscript{V15}
AHS Thirty-first AGM, 17 May 1985, minutes  503\textsuperscript{V15}
AHS Chairmen, V15
   Drover, Charles  329\textsuperscript{V15}
   Robinson, Tom  329\textsuperscript{V15}
AHS Clock Restoration Group  159, 601\textsuperscript{V15}
AHS Journal Editorials by, V15
   Clarke, G  439\textsuperscript{V15}
   Drover, C B, Our Secretary  559\textsuperscript{V15}
   Plowman, Dr J M, Desert Islands  35\textsuperscript{V15}
   Illustrations,  123\textsuperscript{V15}
   Ignorance  223\textsuperscript{V15}
   Where are they now?  327\textsuperscript{V15}
AHS name, use of  581\textsuperscript{V15}
AHS President, Sir Nicholas Goodison  328\textsuperscript{V15}
AHS Publication Announcements, V15
   Edward John Dent and his Successors, Dr Vaudrey Mercer  83\textsuperscript{V15}
   The Frodshams, Dr Vaudrey Mercer  83\textsuperscript{V15}
AHS, Scottish Section proposed  504\textsuperscript{V15}
AHS Section and Group Visits, V15
   American Section Trip to Milan & Paris May 1985  626-628\textsuperscript{V15}
   Electrical Horology Group visit to Deal Time-ball Tower, September 1985  628-629\textsuperscript{V15}
   Northern Section visit to Mercer Chronometers & Sinclair Harding  366\textsuperscript{V15}
   Northern Tour, May 1985  504-505\textsuperscript{V15}
   Southern Section visit to Oxford  365\textsuperscript{V15}
   Turret Clock Group Summer Tour, July 1985  507-508\textsuperscript{V15}
   Turret Clock Group Visit to Sussex, May 1985  260\textsuperscript{V15}
   Turret Clock Group Visit to Wiltshire, 1985  508\textsuperscript{V15}
   Vienna Tour, 1984  355\textsuperscript{V15}
   Wales and Marches Section visit to Prescot Museum, October 1985  632\textsuperscript{V15}
A H S Tour - Vienna, 1984, C K Aked  355\textsuperscript{V15}
AHS Vice Presidents, V15
   Dawson, Percy G  329\textsuperscript{V15}
   Drover, Charles,  329\textsuperscript{V15}
Aked, C K, V15
   1984 A H S Tour - Vienna  355\textsuperscript{V15}
   A glance at some Electric Clock Patents, lecture  150\textsuperscript{V15}
   Electrical Timekeepers, lecture  629\textsuperscript{V15}
Alte Uhren  50, 168, 510\textsuperscript{V15}
ANCAHA, French horological group  626, 627\textsuperscript{V15}
Anthony, Wm, London, oval with pearls & diamonds, c 1800  29\textsuperscript{V15}
Arabic Water Clocks, lecture by Dr Donald Hill  367\textsuperscript{V15}
Arnold, John, V15
   Chronometer maker  511\textsuperscript{V15}
   Quarter striking domestic chronometer, circa 1798  7\textsuperscript{V15}
Aron, Hermann, V15
   Electric self-winding clock  506\textsuperscript{V15}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Electrically rewound master clock 52V15

Asselin, London, month going walnut & marquetery longcase, c 1695 543V15

Astronomical clocks, V15

Wood cased astronomical clock, 1550 355V15

Astronomical clocks and watches by, V15

Bragg, Robt, Astronomical regulator 74V15
Breguet, Abraham Louis, astronomical watch with moon phases, 1792 523V15
Cajetano, David S, astronomical clock, 1679 358V15
Krofitsch, Michael, Leutschach, astronomical longcase clock 361V15
Lanz, Nicholaus, Innsbruck, astronomical clock, 1550 355V15
Patek, Philippe & Cie, Geneva, astronomical watch, 1929 555V15
Pigeon à Clermont, oval astronomical watch, early 17c 408V15
Schissler, Christopher, compendium with astrolabe, 1556 203V15
Thompson, longcase clock 6V15
Van Knaus, F, Tuebingen, Immser astronomical clock 355V15
Zajizek, Franz, Vienna, astronomical longcase clock 362V15

Auction Prices, V15

Clocks 273-274, 634V15

Watches 273-274, 634V15

Augsberg Madonna clock, c 1640 300V15

Azzopardi, Spiridion, Thermoscopes & Thermometers, lecture 74V15

Bach, Henri, Das Astrarium des Giovanni de Dondi, book 604V15
Bailly, mantel regulator with equation of time remontoir, 1810 407V15
Bain, Alexander & Barwise, John, first electric clock patent 150V15
Baker, David, Billingshurst, verge pocket watch 636V15
Ball clock, c 1650 357-358, 359V15
Banjo clock, anon, mahogany banjo clock, c 1810, auction 274V15
Baptiste, Jean, Paris, 8-day musical Louis XV mantel clock 99V15
Barbedienne, Paris, marble & gilt mantel clock with calendar, c 1890 432V15

Barometers and Clock Barometers by, V15

Bouillet, St Antoine, French carved giltwork barometer, c 1800 422-3V15
Johnson, W, London, Rosewood clock barometer, William IV 428V15
Tagliabue, London, mahogany clock barometer, George II 428V15
Thomson, T, Edinburgh, mahogany and olivewood barometer, c 1810 422V15

Barnes, Nathaniel, London, musical bracket clock, c 1780 108V15
Barraud & Lund, V15

2-day back wound marine chronometer 119V15
Letter 172V15
Watchman's clock 244, 245V15
Barrie, Edinburgh, longcase regulator, c 1850 212V15
Bateman, Douglas, Pendulum Design, lecture 629-630V15
Bateman, D A & James, K, Measurements of the quality factor of the pendulums of four clocks John Harrison 479-489V15
Erratum 604V15

Bateman, precision pendulum clock 52V15
Bayley, Barnard, London, 8-day mahogany longcase c 1790 26V15
Belfontaine, London, watchman's clock 249V15
Bennett, Sir John, London, gold hunterclock watch, No 12679, auction 273V15
Benson, J W, V15

Turret clock at Ebernoe 260V15
Turret clock at Warnham 260V15
Watchman's clock 240V15
Berry, Arthur, Liverpool, rack lever watch, No 537 380V15
Berry, John, London, pull quarter repeat bracket clock, c 1740 312V15
Beretele von Grenadenberg, Hans, obituary 50V15
Berthoud, Ferdinand, 274-275V15
Gilt bronze cased mantel clock. Dial by Cotteau, Louis XVI 307
Betts, Johnathan, Mechanism for raising the Greenwich Time Ball, lecture 271
Birdcage Clock at Norrington Court, M Snell & W Backinsell 370
Blech & Hettich, electric self-winding clock 506
Blundell's file factory, Prescott 504
Boeck, Martin, month going Laterndlühr regulator 534

Book Reviews, (by author, reviewer's name in brackets),
Bach, Henri, Das Astrarium des Giovanni de Dondi (E. J. Tyler) 604
Cardinal, Catherine (ed), Ferdinand Berthoud 1727-1807 Horologer Mecanicien du roi et de la marine, (C. Clutton) 274-275
Council for the Care of Churches, Turret Clocks: Automatic Winders and Electric Drives (J. Plowman) 77

Barnes, Nathaniel, London, musical bracket clock, c 1780 108
Bates, Tonbridge, walnut bracket clock with painted dial, stolen 635
Berry, John, London, pull quarter repeat bracket clock, c 1740 312
Boschman, London, bracket clock, c 1750 359, 360
Bradley, Langley, London, repeating verge bracket clock, c1700 121
Brockbank & Atkins, London, rosewood bracket clock with platform escapement, c 1860 313
Clowes, John, quarter repeating bracket clock, stolen 392
Cockey, Edward, Warminster, ebonised verge bracket clock, auction 274
Coupe, Eduardus, Londini, ebony veneered verge bracket clock, auction 274
Cuff, James, London, ebony cased pull quarter repeat bracket clock, c1820, auction 274
Dasson, Henry, Paris, bronze & marble urn clock, 1882 414
De Beeffe, Gilles, a Liege, Belgian bracket clock, c 1750 535
Delander, Daniel, ebonised quarter repeat bracket timepiece 409
Dickie, Andrew, London, mahogany verge bracket clock, c 1765 316-317
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dunlop, Andrew, London</td>
<td>Verge bracket clock</td>
<td>43-44</td>
</tr>
<tr>
<td>Dunsford, J N, Devonport</td>
<td>Quarter striking bracket clock, 1826</td>
<td>12</td>
</tr>
<tr>
<td>Elliot, John</td>
<td>Quarter striking verge bracket clock, Geo III, auction</td>
<td>274</td>
</tr>
<tr>
<td>Emery, Josiah</td>
<td>Mahogany bracket clock, stolen</td>
<td>392</td>
</tr>
<tr>
<td>Fletcher, Robert, Chester</td>
<td>Portable alarum clocks</td>
<td>394-395</td>
</tr>
<tr>
<td>Garde, James</td>
<td>Timepiece bracket clock, c 1700</td>
<td>388</td>
</tr>
<tr>
<td>GLT, Paris</td>
<td>Spelter mystery clock, auction</td>
<td>634</td>
</tr>
<tr>
<td>Graham, George</td>
<td>Ebony bracket clock with verge escapement, auction</td>
<td>634</td>
</tr>
<tr>
<td>Grant, John, London</td>
<td>Musical bracket clock</td>
<td>27</td>
</tr>
<tr>
<td>Graz, John</td>
<td>Mahogany cased verge bracket clock, Geo III, auction</td>
<td>274</td>
</tr>
<tr>
<td>Gretton, Charles</td>
<td>Quarter repeating verge bracket clock, c 1700</td>
<td>113</td>
</tr>
<tr>
<td>Harris, Thomas, London</td>
<td>Ebony table clock, c 1670</td>
<td>117</td>
</tr>
<tr>
<td>Haug, Samuel</td>
<td>Quarter striking Augsburg clock, c 1620</td>
<td>303</td>
</tr>
<tr>
<td>Hunt &amp; Ruskell, London</td>
<td>Gilt desk clock, c 1881</td>
<td>324</td>
</tr>
<tr>
<td>James, Henry</td>
<td>Small ebony bracket clock</td>
<td>650</td>
</tr>
<tr>
<td>James, Henry, London</td>
<td>Ebony bracket clock with verge escapement, auction</td>
<td>634</td>
</tr>
<tr>
<td>Lee, John, Cookham</td>
<td>Geo III bracket clock</td>
<td>636</td>
</tr>
<tr>
<td>Lowndes, Isaac, London</td>
<td>Mahogany bracket clock, stolen</td>
<td>277</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>Hour and half-hour striking bracket clock, c 1685</td>
<td>550-551</td>
</tr>
<tr>
<td>Margueritte a Paris</td>
<td>Balance wheel bracket, c 1685</td>
<td>3</td>
</tr>
<tr>
<td>Marriot, John</td>
<td>Verge quarter striking bracket clock, Geo III</td>
<td>547</td>
</tr>
<tr>
<td>Martin, Jno, London</td>
<td>Verge bracket clock, c 1690</td>
<td>10</td>
</tr>
<tr>
<td>Mayr, Elias</td>
<td>Venetia, gilt metal table clock with verge escapement, c 1750, auction</td>
<td>273</td>
</tr>
<tr>
<td>Mitchell, John</td>
<td>Mahogany bracket clock, Geo III, auction</td>
<td>274</td>
</tr>
<tr>
<td>Molins, Charles</td>
<td>Burr walnut bracket clock, c 1709</td>
<td>326</td>
</tr>
<tr>
<td>Moss, Thomas</td>
<td>Lancet cased bracket clock, No 185, auction</td>
<td>634</td>
</tr>
<tr>
<td>Mudge, Thomas</td>
<td>Roman striking bracket clock, c 1770</td>
<td>53-71</td>
</tr>
<tr>
<td>Norton, Eardly, London</td>
<td>Clocks by</td>
<td>5</td>
</tr>
<tr>
<td>Mahogany bracket clock</td>
<td>Stolen</td>
<td>636</td>
</tr>
<tr>
<td>Mahogany striking clock</td>
<td>c 1780</td>
<td>438</td>
</tr>
<tr>
<td>Quarter chiming musical</td>
<td>bracket clock</td>
<td>14</td>
</tr>
<tr>
<td>Pare, Thomas</td>
<td>Ebony veneered striking table clock, stolen</td>
<td>392, 412</td>
</tr>
<tr>
<td>Paris of Warwick</td>
<td>Bracket clock</td>
<td>389-391</td>
</tr>
<tr>
<td>Perigal, Francis</td>
<td>Tortoiseshell &amp; ormolu musical bracket clock, c 1785</td>
<td>537</td>
</tr>
<tr>
<td>Puller, Jonathan</td>
<td>London, month going bracket clock, c 1680</td>
<td>436</td>
</tr>
<tr>
<td>Pybus, London</td>
<td>Musical bracket clock with 10 bells, auction</td>
<td>634</td>
</tr>
<tr>
<td>Quare &amp; Horseman</td>
<td>Bracket clock, No 217, stolen</td>
<td>392</td>
</tr>
<tr>
<td>Ranger, Michael</td>
<td>London, musical bracket clock, c 1785</td>
<td>308-309</td>
</tr>
<tr>
<td>Rimbault, Stephen, London</td>
<td>Musical bracket clock, c 1740</td>
<td>190</td>
</tr>
<tr>
<td>Smart, Thos, London</td>
<td>Inlaid balloon bracket clock, c 1800, stolen</td>
<td>636</td>
</tr>
<tr>
<td>Smith, John, Pittenweem</td>
<td>2-train table or pedestal clock</td>
<td>413</td>
</tr>
<tr>
<td>Smith, John, York</td>
<td>Deadbeat bracket with Dutch striking, auction</td>
<td>634</td>
</tr>
<tr>
<td>Smith, Joseph, Bristol</td>
<td>Ebonised verge bracket clock, Geo III, auction</td>
<td>274</td>
</tr>
<tr>
<td>Still, Francis</td>
<td>London, quarter repeating bracket clock, c 1705</td>
<td>112</td>
</tr>
<tr>
<td>Thuret a Paris</td>
<td>Ebonised Boulecase Religieuse clock, stolen</td>
<td>171</td>
</tr>
<tr>
<td>Tickle, William</td>
<td>Newcastle, mahogany bracket clock, c 1775</td>
<td>27</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>Bracket clock, No 117, stolen</td>
<td>171</td>
</tr>
<tr>
<td></td>
<td>Bracket clock, No 317</td>
<td>304-305</td>
</tr>
<tr>
<td></td>
<td>Ebony, quarter repeat bracket clock, No 515</td>
<td>4-5</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Small ebony bracket clock, No 99, auction 247V15
Wood, Robert, 8-day musical bracket clock, c 1780 536V15
Tregent, James, London, 3 train bracket clock, George III 32V15
Vassali, Edinburgh, quarter chiming bracket clock, auction 274V15
Webster, William, Exch Alley, eboni sed bracket clock, c 1760, stolen 635V15
Windmills, London, quarter repeating bracket clock 106V15
Winterhalter & Hofmeier, quarter chiming bracket clock, c 1880 274V15
Zeidmayer, Geog, bracket clock 359V15
Bradley, London, 3 train walnut marquetry longcase clock, auction 274V15
Brass-en-L'air clock, c 1880 647V15
Bolviller, Paris, clocks by, V15
Carriage clock, 1848 111V15
Carriage clock with singing bird automation 218V15
Boschman, London, bracket clock, c 1750 359, 360V15
Boulton & Watt, watchman's clock 239V15
Bradley, Langley, London, repeating verge bracket clock, c1700 121V15
Breguet, V15
Astronomic watch with moon phases, 1792 523V15
Chromometers 627V15
Gold lever watch No 3209 420V15
Marine chronometer dated 31 October 1862 220V15
Marine chronometer No 3117 222V15
Quarter repeating mantel clock, No 4587 323V15
Tourbillion escapement 364V15
Brille master clock 52V15
Brockbank & Atkins, London, rosewood bracket clock with platform escapement, c 1860 313V15
Brown, Colin, The Clockmakers of Llanrwst, lecture 159V15
Brown, Samuel, Edinburgh, clock and watchmaker 253V15
Brutmann in Wein, Biedermeir regulator, c 1840 302V15
Buckney, Thomas, watchman's clock 244V15
Burchall, A, V15
Noctuary or Watchman's Clock 231-251V15
The Noctuary, Addendum V15
Burgi, Jost, clock controlled by crossbeat escapement 355V15
Cajetano, David S, astronomical clock, 1679 358V15
Cameron James, Edinburgh, 8-day longcase clock, c 1790 253-254V15
Cannon, W, turret clock at Bower Chalke 508V15
Cardinal, Catherine (ed), Ferdinand Berthoud 1727-1807 Horologer Mecanicien du roi et de la marine, book 274-275V15
Carley, D, electric self-winding clock 506V15
Carter, turret clock at Salisbury, St Thomas 508V15
Carpenter, A J, Pigott, L & Whitwell, H, A Watch from H M S Pandora 560-572V15
Carriage clocks 202V15
Carriage and Travelling clocks, V15
Carriage clock with blue enamel pillars, stolen, 171V15
Early English carriage timepiece, one piece case, stolen 635, 636V15
Carriage and Travelling clocks by, V15
Bolviller, Paris, V15
Carriage clock, 1848 111V15
Carriage clock with singing bird automation 218V15
Drocourt carriage clock, stolen 171V15
Jump, London, English chronometer carriage clock, No 189, c 1860 109V15
Lefrand, Paris, giant grande sonnerie, with moon and alarm 23V15
McCabe, James, English carriage clock, No 3076 111V15
Percival, Thomas, verge travelling clock & alarm, c 1810 518V15
Simmons, English fruitwood striking carriage clock, c 1830 558V15
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Viner, London, month going English travelling clock 416

Vulliamy, London, Striking mantel clock with travelling box, No 882, c 1830 427

Vulliamy, London, Travelling mantel clock with alarm, No 4109, c 1835 426

Carrington, R & Kemp, R, Thomas William Yates of Preston 144-146

Cartel clock, Pierque le feure a Paris ormolu bronze cartel clock, 1749 207

Catton, Wm, London, rack lever watch No 4799 375

Cellini salt clock, 1543 355

Charles a Paris, self winding cylinder watch, No 381, c 1810, auction 273

Chater, James & Son, London, 8-day mahogany longcase, c 1790 120

Chronometers, lecture by Beresford Hutchinson 72

Chronometer Making in South West Lancashire from the 18th century until the 1950s, the History of, lecture by John Griffiths 626

Chronometers (marine unless otherwise stated),

Arnold, London, No. 393, with 1 day movement, auction 634

Arnold, London, No. 469, with 1 day movement, auction 634

Breguet, Marine chronometer dated 31 October 1862 220

Breguet, Marine chronometer No 3117 222

Chronometer Werke G.m.b.h. Hamburg No 962 634

Earnshaw, Thomas, chronometer watch No 334, c 1797 222

Hamilton 22 chronometer watch No 2F 27204 634

Hatton & Harris, 8-day marine chronometer No 570, c 1820 212

Jump, London, English chronometer carriage clock, No 189, c 1860 109

Kullberg, Victor, No 6618, two day movement, auction 634

Margetts, Geo, 8-day nautical chronometer 406

Mercer, Thomas, Marine chronometer 292, 404

Mercer, Thomas, No 11572, two day movement, auction 634

Muirhead, James, Glasgow, No 2169, two day movement, auction 634

Russell, Thomas, AUX 2226, two day movement, auction 634

Viner, London, Gold minute repeating chronometer watch, No 3257, auction 273

Timepiece mantel chronometer, c 1835 424

Churchill of Downton turret clock maker 509

Clarke, Geoffrey, AHS Secretary, retirement 559

Cleland, John, Edinburgh, clockmaker 253

Clock Cases, the Influence of Architectural Design on the Development of, lecture by Alan Smith 272

Clocks in the Paintings of Titian, Dr F Ward 224-230

Clowes, John, quarter repeating bracket clock, stolen 392

Cockey, Edward, Warminster, ebonised verge bracket clock, auction 274

Collyer, Ben, London, 8-day marquetry longcase, c 1700 118

Comber, longcase clock, Wetherfield Collection 490

Coupe, Eduardus, Londini, ebony veneered verge bracket clock, auction 274

Church Clock Dial in Haarlem, An Interior, L van Lambalgen 161-164

Clockcase, A Neat, Ornamented, S E Stuart 125-143

Cole, Thomas, Gilt table regulator, mid 19th c 20

Strut clock 310

Condliff, Jno, Liverpool, skeleton clock 540

Corby, John, Castle Ashby, turret clock maker 508

Coster, Solomon, pendulum wall clock with alarm, 1658 406
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Cowan, James, Edinburgh, Clock and watchmaker 254-256
  4 day turret clock 255-256
  8 day tavern clock 254-255

Council for the Care of Churches, Turret Clocks: Automatic Windsers and Electric Drives, book 77

Crom, T R, Art of Time (J Plowman) 259

Cuff, James, London, ebony cased pull quarter repeat bracket clock, c1820, auction 274

Cumming, Alexander, Royal clockmaker 276, 398

Cummins, Thomas, London, gold cased lever watch No 55-22 221

Cutmore, M, The Pocket Watch Handbook, book 582

D

Daniels, George & Markarian, Ohannes, Watches and Clocks in the Sir David Solomons Collection, book 143

Dasson, Henry, Paris, bronze & marble urn clock, 1882 414

David & Charles, publishers 582

Davis, John, Windsor, turret clock at Museum of the History of Science 73

Dawson, Percy G, AHS Vice President 329

Day, Samuel, watchman's clock 239

De Beeke, Gilles, a Liege, Belgian bracket clock, c 1750 535

De Carle, Donald, Watch and Clock Encyclopedia (book) 258

Decka, John, London, 3 train mahogany longcase, c 1790 321

Delander, Daniel, etched quarter repeat bracket timepiece 409

Del Vecchio, G C, A Mechanical Clock for a Medieval Quarry 368

De Dondi Clock, Reconstruction of the, lecture by Peter Hayward 504

Denison, E B, Lord Grimthorpe, 234-235, 573

Dent, Mahogany Longcase regulator, 12" circular dial, auction 273
  Turret clock at Lurgashall 260
  Wall regulator No 55724 with external dead-beat escapement 420
  Watchman's clock 244, 245, 246

Desk seal watch 29

Dickie, Andrew, Edinburgh 257-258
  8-day mahogany longcase clock, caddy top, c 1750 357-359
  Mahogany verge bracket clock, c 1765 316-317

Diehle, electric self-winding clock 506

Dobson, R, Galileo Galilei & Christian Huygens 261-270

Addendum, M F Ball 373

Response to the addendum by R D Dobson 509-510

Dowler, G, Gloucestershire Clock & Watchmakers, book 276

Down, Ephraim, Connecticut, mahogany & maple shelf clock, auction 274

Drover, Charles, AHS Chairman & Vice President 329

Dunlop, Andrew, Address 626
  Clocks by 42-46
  Five minute repeater watch 40-41
  Sun and moon verge watch 38-39
  Watch No 2173 1, 37
  Watch No 656 37
  Watch No 945 42
  Watch numbers 36

Dunlop, Andrew, C.C. 1701-32, A M T Maxwell-Irving 36-46

Dunsford, J N, Devonport, quarter striking bracket clock, 1826 12

Duo in Uno, (watch with glass balance cock) R Simpson 602-604

Dutch turret clocks 372

E

Earnshaw, Thomas, chronometer watch No 334, c 1797 22

Edinburgh Makers, Three, F Hudson 253-259
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Edwardes, E L, obituary 50

Electrical Timekeepers, lecture by Charles Aked 629

Electric Clock Patents, a Glance at Some, lecture by C K Aked 156

Electric clocks and systems, V15

Aron electrically rewound master clock 52
Aron, Hermann, electric self-winding clock 50
Bain, Alexander & Barwise, John, first electric clock patent 156
Bateman precision pendulum clock 52
Blech & Hettich, electric self-winding clock 506
Brille master clock 52
Carley, D, electric self-winding clock 506
Diehle, electric self-winding clock 506
Electrozeit, electric self-winding clock 507
Gent waiting train 52
Gillet & Johnston, electric turret clock winding unit, 507
Gillet & Johnston master clock 52
Hamilton Sangamo Corp, electric self-winding clock 506
Hettich, electric self-winding clock 506
Hope-Jones, Frank, V15

Electric self-winding clock 506
Electric clock patent 156
International Time Recording Co Superelectric Time System 52
Jauch & Schmid, electric self-winding clock 507
Jeco, electric self-winding clock 506
Keinzle, electric self-winding clock 507
La Precision Cie, Brussels, electric self-winding clock 507
Lowne master clock 52
Magneta master clock 52
Master clocks 52
Mauthe, electric self-winding clock 506
Moller of Berlin, electric self-winding clock 507
National, electric self-winding clock 507
Neuchatel, electric self-winding clock 507
Normalzeit, electric self-winding clock 506
Normazeit electrically rewound master clock 52
Pond, Chester H, electric self-winding clock 506
Princeps master clocks 52
Schild & Co, electric self-winding clock 507
Seimens, electric self-winding clock 506
Self-Winding Clock Co, electric self-winding clock 506
Selticon, electric self-winding clock 506
Shepherd, Charles, electric clock 629
Silent Electric Clock 52
Smith's Battriclock, electric self-winding clock 507
Smith's Memory Master electric self-winding clock 506
Standard Electric Clock Co, electric self-winding clock 507
Synchronome master clock 52
Synchronome, electric self-winding clock 506
Telefonbau electrically rewound master clock 52
Telefonbau, electric self-winding clock 506
TMC master clock 52
Van der Plancke, electric self-winding clock 507
Westerstrand, electric self-winding clock 506

Electric self-winding clocks, V15

Aron, Hermann, electric self-winding clock 506
Blech & Hettich, electric self-winding clock 506
Carley, D, electric self-winding clock 506
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Diehle, electric self-winding clock 506
Electrozeit, electric self-winding clock 507
Gillet & Johnston, electric turret clock winding unit, 507
Hamilton Sango Medical Corp, electric self-winding clock 506
Hettich, electric self-winding clock 506
Hope-Jones, Frank, electric self-winding clock 506
Jauch & Schmid, electric self-winding clock 507
Jeco, electric self-winding clock 506
Keinzle, electric self-winding clock 507
La Precision Cie, Brussels, electric self-winding clock 507
Mauthe, electric self-winding clock 506
Moller of Berlin, electric self-winding clock 507
National, electric self-winding clock 507
Neuchatel, electric self-winding clock 507
Pond, Chester H, electric self-winding clock 506
Schild & Co, electric self-winding clock 507
Seimens, electric self-winding clock 506
Self-Winding Clock Co, electric self-winding clock 506
Seim, electric self-winding clock 506
Smith's Battriclock, electric self-winding clock 507
Smith's Memory Master electric self-winding clock 506
Standard Electric Clock Co, electric self-winding clock 507
Synchronome, electric self-winding clock 506
Telefonbau, electric self-winding clock 506
Van der Plancke, electric self-winding clock 507
Westerstrand, electric self-winding clock 506
Electric self-winding clocks, exhibition of 506-507
Electrozeit, electric self-winding clock 507
Elgin watches 506
Ellicott, John 605, 610, 613-618, 614
Ellicott, John, V15
Ellicott, London, quarter chiming verge bracket clock, Geo III, auction 274
London, month going walnut longcase c 1740 26
Elsner & Petrovits, Biedermeir regulator, c 1825 98
Emery, Josiah, of London, V15
Gilt lever watch No 1001, 1783 107
Mahogany bracket clock, stolen 392
English provincial Clockmaking, lecture by Alan Trehearne 159
En Soon, Paulus Bramer, Amsterdam, Dutch walnut longcase clock, auction 274
Escapements, V15
Kater's 573-581
Mudge's gravity escapement 574
Recoil remontoir 581
Evans, David W, obituary 50
Evans, Moses, Llanddoged, clockmaker 157
Exhibitions, (see museums) V15
F
Farndon, Thomas, turret clock at Deddington 73
Fayrer, Thomas, longcase clock with Gillows' case 133, 134, 135, 140
Ferguson, Alex, Cupar in Fife, mahogany longcase regulator, c 1820, auction 273
Fletcher, Robert, Chester, portable alarum clocks 394-395
Fletcher, Thomas, Chester 394
Forman, B R, Isiah Kukens - An American Clockmaker in England 511 & 514
Fortier and Stollerwerck's Astronomical Clock of 1760, An Analysis of, lecture by Paul Myatt 631
French Clock Case Design, lecture by Sarah Medlam  273
French Royal Exchange, London, 8-day longcase regulator, c 1820  116
Gold hunter watch No 11381, auction  634
Freunde Alter Uhren  164, 362
Frodsham, Arnold, London, longcase regulator No 604, c 1845  210
Frodsham, Charles, London, longcase regulator No 976, c 1850  210
Frodsham, London, 4 glass mantel clock, stolen  277
Galilei, Galileo  261-270, 373-374
Galileo Galilei & Christian Huygens, R Dobson  261-270
Addendum, M F Ball  373
Response to the addendum by R D Dobson  509-510
Garde, James, timepiece bracket clock, c 1700  388
Gent waiting train  52
Gerbrantszoon, Andries, turret clock at St Bavo's, Haarlem  163
Geryt van Wou, turret clock at St Bavo's, Haarlem  163
Gib, William, Rotterdam, turret clock at St Bavo's, Haarlem  163
Gillet & Bland, turret clock at Woodchester  74
Gillet & Johnston, Electric turret clock winding unit, Master clock, Turret clock at Nailsworth, Turret clock at Stratford-sub-Castle  507, 52, 74
Gillow Clock Case Design, lecture by Susan Stuart  158
Gillow, James, cabinetmaker  127
Gillow, Richard, cabinetmaker  125-143
Gillow, Robert, cabinetmaker  125-143
Gillows clock cases  125-143
Gillows clock cases, drawings  128, 130, 132
Gillows of Lancaster  125-143
Golay Fils and Stahl Fabrique Geneve, watch No 28432  147-156
Good, R, A Rare Complicated Watch by Piguet  147-156
Good, Richard, Watches of the 18th century, lecture  364
Goodison, Sir Nicholas, AHS President  328
Gorsuch, Thomas, Salop, No 383, watch, No 238 watch, No 571, watch movement only, No 586, 587, watch, No 679, verge watch, No 692, watch movement only, Silver cased watch, un-numbered, No 796, pair cased watch  514-515, 514, 639, 515, 396-398, 514-515, 639, 639, 172-173, 634
Gould, Chr, London, silver pair cased clock watch, auction  634
Gowland, Thomas, London, mercury pendulum regulator, 1836  437
Graham, George, clocks by, Burr walnut longcase No 657, c 1725, Ebony repeating table clock c 1720, Grant, John, lever pocket watch No 1408, 1788, Graves, John George, lecture by I Wright, Grayhurst & Harvey, London, gold, enamel and pearl watch, auction  101, 200-201, 546, 365-366, 273
Graz, John, London, mahogany cased verge bracket clock, Geo III, auction  274
Green, J, chronometer maker  511
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Greenwich Time Ball, lectures by J Betts, J Holmes & B Hutchinson 271V15
Gretton, Charles, quarter repeating verge bracket clock, c 1700 113V15
Gribelin, turtle shell & pewter veneered longcase regulator, c 1690 291V15
Griffiths, John, The History of Chronometer Making in South West Lancashire from the 18th century until the 1950s, lecture 626V15
Griffiths, Rowland, clockmaker 157V15
Grignon, Thos & Son, London, cylinder watch & chatelaine 33V15
Grimes, William, London, 8-day mahogany longcase, c 1695 120V15
Grimthorpe, Lord 234-235, 573V15

Haas Neveux & Lo, Geneva, gold cased keyless lever watch, auction 273V15
Hamilton Sangamo Corp, electric self-winding clock 506V15
Harries, David, History & Development of the Marine Chronometer, lecture 367V15
Harris, John, London, repousee silver gilt cased quarter striking watch, stolen 277V15
Harrison, James, V15
  8-day longcase clock, 1726/28 479-488V15
  8-day longcase clock, 1728 479-488V15
  8-day longcase clock, c 1726 479-488V15
Harrison, John
Harrison, John, 8-day longcase regulator clock, c1745 479-488V15
Harris, The Lord, obituary 124V15
Harris, Thomas, London, ebony table clock, c 1670 117V15
Harrocks, Joshua, longcase clock with Gillows' case 135, 136, 142V15
Hatton & Harris, 8-day marine chronometer No 570, c 1820 21V15
Haug, Samuel, Augsburg, quarter striking Augsburg clock, c 1620 303V15
Haycock, William, Ashbourne, clock workshops, 504V15
Hayward, Peter, Reconstruction of the de Dondi Clock, lecture 504V15
Heath, Thomas, universal ring dial, c 1830 527V15
Heckle, A, rack lever watch No 1037, 1816 638V15
Hemmings, Edward, Bicester, V15
  Turret clock at Aynho 74V15
  Turret clock at Ditchley Park 73V15
  Turret clock at Museum of the History of Science 73V15
Hendkl, Jan, Kuhn Amsterdam, gold pair cased verge watch, No 7901, auction, 274V15
Henfrey, James, Leicester, turret clock at Stroud 74V15
Henner, Wurtzburg, silver & leather verge watch, 1700-1750, auction 274V15
Hettich, electric self-winding clock 506V15
Hewett, George, of Marlborough, turret clock at Stratford-sub-Castle 508V15
Hill, Dr Donald, Arabic Water Clocks, lecture 367V15
Hobson, Charles, clockmaker 160V15
Holloway, Wm, London, watch with glass balance cock 602-604V15
Holmes, John, Electronic Synchroniser for the Greenwich Time Ball Master Clock, lecture 271V15
Hope-Jones, Frank, V15
  Electric clock patent 156V15
  Electric self-winding clock 506V15
Horological Book Collection, Forming a, lecture by R Shenton 159V15
Horological tools, V15
  Fusee engine, 18th C 557V15
  Swiss escapement dephing tool, 19th C 557V15
Horseman, Stephen V15
  John Smith of Pittenweem, 605, 610, 611, 613, 620, 625V15
  Scottish Clockmakers, book 160V15
  Thomas Mudge, London, Roman Striking Bracket Clock, circa 1770, 53-71V15
  Three Edinburgh Makers 253-259V15
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Hughes, A, History and Manufacture of Tower Bells, lecture 630-631

Hulme, John, Clock Casemaking and Restoration, lecture 363

Hunt & Ruskell, London, gilt desk clock, c 1881 324

Hutchinson, Beresford, Historical Account of the Greenwich Time Ball, lecture 271

Huygens, Christiaan 261-270

Ilbery, London, gold and agate watch, c 1810 295

Immer astronomical clock 355

International Time Recording Co Superelectric Time System 52

Ireland, Covent Garden, London, Act of Parliament clock 110

Irish Clock Cases - 1700-1850, lecture by William G Stuart 366

Iron and Steel Available to the Horological Masters of the Past, Leslie Paton 47-51

Iron and Steel Making in Sheffield, lecture by J Nicholson 365

Invicta, Tourbillion, Brevet, keyless lever watch, auction 273

Jackson, George, Dolgellau, clockmaker 157

Jackson, J & J, London, verge watch, No 9866, 1786 533, 560-572, 572

James, Henry, small ebony bracket clock 650

James, K, The air we breathe and its effect on clocks, lecture 364

Jamieson, watch, 1836 638

Janvier, Antide, clocks by, 419

Janvier, Mahogany month going longcase clock, c 1800 548

Japanese Temple clock, 114-115

Jauch & Schmid, electric self-winding clock 506

Jeco, electric self-winding clock 507

Jenkins, James, London, 8day, walnut/seaweed, c 1695 longcase 16-17

Johnson, W, London, Rosewood clock barometer, William IV 428

Journeyman Watchmaker, The Life of a, lecture by John Pass 505

Joyce, turret clock at Salisbury Cathedral 508

Jump, London, English chronometer carriage clock, No 189, c 1860 109

Kahlert, Helmut, Bibliographie zur Schwarzwaduhr, book 371-372

Kater, Captain Henry 573

Kater's Escapement, P Woodward 573-581

Keinzle, electric self-winding clock 507

Kemp, R, & Carrington, R, Thomas William Yates of Preston 144-146

Kemp, R, The Rack Lever Watch, Today's Survivals 375

Kling, Andreas, silver verge clockwatch, auction, 274

Knebel, F, Amsterdam, silver cased self-winding watch, No 23, auction 274

Knibb, Joseph, Oxford clocks 365

Knibb, Joseph, Hour and half-hour striking bracket clock, c 1685 550-551

Longcase clock, c 1670 525

Month going walnut longcase clock, c 1685 538-539

Month going, 8" dial, walnut longcase clock, c 1690 13

Turret clock at Burley on the Hill 50

Turret clock at Museum of the History of Science 73

Knifton, Thomas, Londini, small lantern clock with anchor escapement, auction 273

Knottesford, William, London, gold paircased watch c 1670 21

Krofitsch, Michael, Leutschach, astronomical longcase clock 361

Kukens, Isiah - An American Clockmaker in England, B R Forman 511 & 514

Lancashire Watch Company 504
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Lancashire, watchmaking in 271-272, 605-626

Lancashire Watchmaking Industry, Origins & Development, lecture by Alan Smith 271-272

Landes, Prof David, V15

Social Aspects of Time, lecture 629V15
The Time of our Lives, lecture 506V15

Langford, Bristol, clockmaker 260V15

Langford Clocks in Bristol, History of, lecture by Mr Lea-Jones 260V15

Lantern clock stolen 392V15

Lantern clocks, V15

Knifton, Thomas, Londini, small lantern clock with anchor escapement, auction 273V15
La Precision Cie, Brussels, electric self-winding clock 507V15
Neere, Peter Colson, Londini, balance wheel lantern clock, auction 273V15
W A, Flemish lantern clock with strike & alarm, c 1580 103V15

Lanz, Nicholaus, Innsbruck, astronomical clock, 1550 355V15
La Precision Cie, Brussels, electric self-winding clock 507V15
Laurent à Paris, 30 day Directoire skeleton clock with Coteau enamels 105V15

Lea-Jones, Mr, History of the Longford Clocks in Bristol, lecture 260V15

Lecture by: V15

Aked, Charles, V15

A glance at some Electric Clock Patents, 156V15
Electrical Timekeepers 629V15

Azzopardi, Spiridion, Thermoscopes & Thermometers 74V15

Bateman, Douglas, Pendulum Design 629-630V15

Betts, Johnathan, Mechanism for raising the Greenwich Time Ball 271V15

Brown, Colin, The Clockmakers of Llanrwst 157V15

Good, Richard, Watches of the 18th century 364V15

Griffiths, John, The History of Chronometer Making in South West Lancashire from the 18th century until the 1950s 626V15

Harries, David, History & Development of the Marine Chronometer 367V15

Hayward, Peter, Reconstruction of the de Dondi Clock 504V15

Hill, Dr Donald, Arabic Water Clocks 367V15

Holmes, John, Electronic Synchroniser for the Greenwich Time Ball Master Clock 271V15

Hughes, A, History and Manufacture of Tower Bells 630-631V15

Hulme, John, Clock Casemaking and Restoration 363V15

Hutchinson, Beresford, V15

Chronometers 72V15
Historical Account of the Greenwich Time Ball 271V15
James, K, The air we breathe and its effect on clocks 364V15

Landes, Prof David, V15

Social Aspects of Time 629V15
The Time of our Lives 506V15

Lea-Jones, Mr, History of the Longford Clocks in Bristol 260V15

Lee, Michael, Who was I.W. 158V15

Medlam, Sarah, French Clock Case Design 273V15

Myatt, Paul, An Analysis of Fortier and Stollerwerck's Astronomical Clock of 1760 631V15

Newall, Dr A J, Watch Escapements 630V15
Nicholson, J, Iron and Steel Making in Sheffield 365V15
Orde-Hume, Arthur, Musical Clocks 72V15
Pass, John, The Life of a Journeyman Watchmaker 505V15
Robinson, Tom, 30-hour Clocks 367, 505, 629V15
Shenton, Rita, Forming a Horological Book Collection 158V15

Smith, Alan, V15

The Influence of Architectural Design on the Development of Clock Cases 272V15
The Origins and Development of Lancashire Watchmaking Industry 271-272V15

The Prescott watch and tool industries 158V15

Stuart, Susan, Gillows Clock Case Design 158V15

Stuart, William G, Irish Clock Cases - 1700-1850 366V15
Letters and Research Requests (rr), letters indexed by author, research requests by subject,

30-hour longcase by John Sanderson, David Rawlins (rr) 80
Archives of Dr Heberden, Geo Foster (rr) 80
AWJGOH, Noctuaries 393
Bailey, Chris H, American Clock & Watch Museum, Andrew Dunlop 636
Baker, David, of Billingshurst, R A Bristowe (rr) 636
BS, Prices 278
CC, Isle of Man Steam Railway Co watch paper 637
Clutton, C, Breguet and Lepine 82
CNM, Portable Alarum Clocks 394
CS, Barraud & Lunds 172
Cumming, Alexander, A Cumming (rr) 276
E S, Professor D S Torrens 82
East Kent Clock and Watchmakers, M S Bundock (rr) 636
EJT, Alex Cumming 398
EVR, 176
Gorsuch 173-174, 278, 514, 639
Thomas Mudge, Fleet St & Plymouth 392-393
Water Lnne, Fleet Street 172-173
Garde, James, I M Green (rr) 388
GDM, An Unusual Tompion Clock 638
GF, Horological Research 176
McCabe 393-394
Miniatures 174
Heberden, Dr William, G Foster (rr) 389
Herefordshire Clock and Watchmakers, Joseph McKenna (rr) 636
Jagger, C, Royal Clocks 83
JRM, Mandevile Somersall 174
KS, The Rack Lever Watch 637-638
Kulberg, Victor, L Paton (rr) 514
K W S, Lepine, Breguet and the lever escapement 81-82
Lincolnshire Clocks & Clockmakers, Dr Jes Walker (rr) 637
LJE, Gorsuch 396-398
Manchester Makers, Edmund Davies (rr) 388
Mell, Davis, M & P Fernandez (rr) 388
MY, Empingham Clock 639-640
Paris of Warwick, Anthony Seales (rr) 389
Penny, David, Pennington 82
RB Clock at Szczecin Castle, Poland 639
Summerville, Dr, Scottish Sundials 72-73
Tenant, Mrs M F, The History & Development of the Longcase Painted Dial 260
Toleman, J R Lloyd, The Tolemans: clock and watch makers of Caernarfon and Pwllheli 157
Treherne, Alan, English Provincial Clockmaking 159
White, Dr John, Metal Forming 366
Wright, I, John George Graves 365
Lee, Michael, Who was I.W., lecture 158
Le Paute, Paris, full calendar table regulator, c 1780 431
Leplastrier, London, four glass fusee mantel clock, c 1850 646
Le Roy, four-glass mantel regulator 435
Le Roy, Julien, Paris 254
Lestourgeon, silver paircased mock pendulum verge watch 106
Lepine, Jean Antione, clocks and watches by,

French mantel clock 11
Gilt & bronze table regulator with calendarwork 421
Heart shape repeating watch, c 1780 410
Watch No 1084 81-82
Leplastrier, London, four glass fusee mantel clock, c 1850 646
Le Roy, four-glass mantel regulator 435
Le Roy, Julien, Paris 254
Lestourgeon, silver paircased mock pendulum verge watch 106
Letters and Research Requests (rr), letters indexed by author, research requests by subject,
## Cumulative Index for Antiquarian Horology Volumes 10 to 19

Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Value</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>RM, Watchman's Clock</td>
<td>398^v15</td>
</tr>
<tr>
<td>Torrens, David, David Torrens</td>
<td>175-176^v15</td>
</tr>
<tr>
<td>WRM, Parkinson &amp; Frodsham movement</td>
<td>277^v15</td>
</tr>
<tr>
<td>Lindsay, London, mahogany verge bracket clock, stolen</td>
<td>378^v15</td>
</tr>
<tr>
<td>Lipp, keyless lever watch with tourbillon, 1959</td>
<td>528^v15</td>
</tr>
<tr>
<td>Liszt, Anton, Biedermeir regulator, c 1825</td>
<td>98^v15</td>
</tr>
<tr>
<td>Litherland, Davis &amp; Co, Liverpool, rack lever watch, No 8127</td>
<td>v15</td>
</tr>
<tr>
<td>Litherland, Peter, Liverpool, ^v15</td>
<td></td>
</tr>
<tr>
<td>Rack lever watch, No 1021</td>
<td>378^v15</td>
</tr>
<tr>
<td>Watch No 914</td>
<td>638^v15</td>
</tr>
<tr>
<td>Litherland, Whiteside &amp; Co, Liverpool, rack lever watch, No 6698</td>
<td>379^v15</td>
</tr>
<tr>
<td>London, watchmaking in</td>
<td>605^v15</td>
</tr>
<tr>
<td>Longcase clocks, ^v15</td>
<td></td>
</tr>
<tr>
<td>8-day, 3 train with carillon of 8 tubes</td>
<td>206^v15</td>
</tr>
<tr>
<td>8-day French longcase clock, Louis XV</td>
<td>554^v15</td>
</tr>
<tr>
<td>8-day round dial pedestal longcase, George III</td>
<td>306^v15</td>
</tr>
<tr>
<td>French 8-day longcase clock, Louis XV</td>
<td>430^v15</td>
</tr>
<tr>
<td>Longcase clocks by, ^v15</td>
<td></td>
</tr>
<tr>
<td>Asselin, London, month going walnut &amp; marquetry longcase, c 1695</td>
<td>543^v15</td>
</tr>
<tr>
<td>Barrie, Edinburgh, longcase regulator, c 1850</td>
<td>212^v15</td>
</tr>
<tr>
<td>Bayley, Barnard, London, 8-day mahogany longcase c 1790</td>
<td>26^v15</td>
</tr>
<tr>
<td>Bradley, London, 3 train walnut marquetry longcase clock, auction</td>
<td>274^v15</td>
</tr>
<tr>
<td>Brutton, Thomas, Bow, mahogany longcase, auction</td>
<td>634^v15</td>
</tr>
<tr>
<td>Cameron James, Edinburgh, 8-day longcase clock, c 1790</td>
<td>253-254^v15</td>
</tr>
<tr>
<td>Chater, James &amp; Son, London, 8-day mahogany longcase, c 1790</td>
<td>120^v15</td>
</tr>
<tr>
<td>Collyer, Ben, London, 8-day marquetry longcase, c 1700</td>
<td>116^v15</td>
</tr>
<tr>
<td>Cormer, longcase clock, Wetherfield Collection</td>
<td>490^v15</td>
</tr>
<tr>
<td>Decka, John, London, 3 train mahogany longcase, c 1790</td>
<td>321^v15</td>
</tr>
<tr>
<td>Dent, mahogany Longcase regulator, 12&quot; circular dial, auction</td>
<td>273^v15</td>
</tr>
<tr>
<td>Dickie, Andrew, Edinburgh, 8-day longcase clock, c 1750</td>
<td>357-359^v15</td>
</tr>
<tr>
<td>Dunlop, Andrew, London, 8-day walnut longcase</td>
<td>46^v15</td>
</tr>
<tr>
<td>Dunlop, Andrew, London, month going longcase</td>
<td>45^v15</td>
</tr>
<tr>
<td>Eastwood, Wm, painted satinwood longcase clock, auction</td>
<td>634^v15</td>
</tr>
<tr>
<td>Ellicot, John, London, ^v15</td>
<td></td>
</tr>
<tr>
<td>Mahogany 8-day longcase clock</td>
<td>652^v15</td>
</tr>
<tr>
<td>Month going walnut longcase clock, c 1740</td>
<td>26^v15</td>
</tr>
<tr>
<td>En Soon, Paulus Bramer, Amsterdam, Dutch walnut longcase clock, auction</td>
<td>274^v15</td>
</tr>
<tr>
<td>Fayrer, Thomas, longcase clock with Gillows' case</td>
<td>334, 135, 140^v15</td>
</tr>
<tr>
<td>Ferguson, Alex, Cupar in Fife, mahogany longcase regulator, c 1820</td>
<td>116^v15</td>
</tr>
<tr>
<td>French Royal Exchange, London, 8-day longcase regulator, c 1820</td>
<td>273^v15</td>
</tr>
<tr>
<td>Frodsham, Arnold, London, longcase regulator No 604, c 1845</td>
<td>357-359^v15</td>
</tr>
<tr>
<td>Frodsham, Charles, London, longcase regulator No 976, c 1850</td>
<td>46^v15</td>
</tr>
<tr>
<td>Fromanteel &amp; Clarke, month going walnut longcase, auction</td>
<td>634^v15</td>
</tr>
<tr>
<td>Graham, George, burr walnut longcase No 657, c 1725</td>
<td>101^v15</td>
</tr>
<tr>
<td>Gribelin, turtle shell &amp; pewter veneered longcase regulator, c 1690</td>
<td>291^v15</td>
</tr>
<tr>
<td>Grimes, William, London, 8-day mahogany longcase, c 1695</td>
<td>120^v15</td>
</tr>
<tr>
<td>Harrison, James, ^v15</td>
<td></td>
</tr>
<tr>
<td>8-day longcase clock, 1726/28</td>
<td>479-488^v15</td>
</tr>
<tr>
<td>8-day longcase clock, 1728</td>
<td>479-488^v15</td>
</tr>
<tr>
<td>8-day longcase clock, c 1726</td>
<td>479-488^v15</td>
</tr>
<tr>
<td>Harrison, John, 8-day longcase regulator clock, c1745</td>
<td>479-488^v15</td>
</tr>
<tr>
<td>Harrocks, Joshua, longcase clock with Gillows' case</td>
<td>135, 136, 142^v15</td>
</tr>
<tr>
<td>Janvier, Joshua, mahogany longcase clock, c 1800</td>
<td>419^v15</td>
</tr>
<tr>
<td>Jenkins, James, London, 8day, walnut/seaweed case, c 1695</td>
<td>16-17^v15</td>
</tr>
<tr>
<td>Knibb, Joseph, clocks by, ^v15</td>
<td></td>
</tr>
<tr>
<td>Longcase clock, c 1670</td>
<td>525^v15</td>
</tr>
<tr>
<td>Month going, 8&quot; dial, walnut longcase clock, c 1690</td>
<td>13^v15</td>
</tr>
</tbody>
</table>
Month going walnut longcase clock, c 1685  538-539
Krofitsch, Michael, Leutschach, astronomical longcase clock  361
Lowndes, Johnathan, month going walnut longcase, c 1690  544-545
McCabe, James, London, Mahogany longcase regulator, No 3333, auction  274
Merryweather, John, London, quarter chiming lacquered longcase, c 1720  165-168
Quare, Daniel,
   Marquetry longcase clock, auction  634
   Month going 3 train chiming longcase clock  549
Quorman, Samuel, Temple Cloud, 30-hour musical longcase  27
Reid & Auld, Edinburgh, longcase regulator, 1811  315
Markwick, London, 3 train, 8-day musical longcase, c 1690  34
Norton, Eardley, London, mahogany longcase No 1102, c 1780  321
Perigal, Francis, Bond St, mahogany regulator, auction  634
Recordon, late Emery, London, mahogany longcase, auction  634
Robinson, Jas, 8-day mahogany longcase c 1750  27
Sanderson, John, Wigton, Edinburgh & Carlisle, 30 hr longcase  80
Sayer, William, London, lacquered longcase clock, c 1785, stolen  636
Smith, John, Pittenweem,
   Musical automata longcase clock, c 1770  448, 454-466
   Musical automata longcase clock, c 1790  466-476
Taylor, Jasper, Holborn, 8-day moonphase walnut longcase, c 1730  102, 216
Thwaites, John, London, 8-day, mahogany regulator, c 1784  18
Thompson, astronomical longcase
Tompon & Graham, 8-day walnut longcase, No 558, c 1712  311
Tompon, Thomas, No 357, walnut case  8.9
Van Leeuwen, F S, Haarlem, Dutch mahogany longcase clock, c 1790, auction  274
Vigne & Sautier, Bath, 8-day longcase regulator, c 1800  19
Vulliamy,
   Architectural longcase clock, c 1770  552-553
   Mahogany cased regulator  634
Wainwright, John, Wellingborough, walnut longcase, auction  634
Wilson, Joshua, London, quarter chiming lacquered longcase, c 1720  165-168
Windmills, Joseph, London, longcase clocks by,
   8-day burr walnut longcase, c 1705  322
   8-day marquetry longcase, c 1695  205
   month going quarter chiming longcase, 1714  314
Zajizek, Franz, Vienna, astronomical longcase clock  362

Longcase Painted Dial, The History & Development of the, Mrs M Tenant  260
Loomes, Brian, Grandfather Clocks and their Cases, book  582
Loseby, London, mercurial balance chronometer No 119, 1847  104
Lowndes, Isaac, London, ebonised verge bracket clock, c 1700  310
Lowndes, Johnathan, month going walnut longcase, c 1690  544-545
Lowne master clock  52
Lukens, Isiah, clockmaker  511, 514
Lukens, Isiah, an American Clockmaker in England, by Bruce R Forman  511, 514
Lumsden, George, Pittenweem  446
Lund & Blockley, turret clock maker  507
McCabe. James, London,
   English carriage clock, No 3076  111
McCabe. James, Royal Exchange, London,  174, 393-394
   English ormolu mantel timepiece  111
   Mahogany longcase regulator, No 3333, auction  274
McLennon, John, chronometer maker  174
Magneta master clock  52
Mantel clocks,  511
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

French balloon mantel clock, stolen 635, 636V15
French mantel clock in Meissen case, stolen 635, 636V15
French ormolu and brass cathedral clock, 1809 521V15
French rococo mantel clock, stolen 392V15

Mantel clocks by, V15
Bailly, mantel regulator with equation of time remontoir, 1810 407V15
Baptiste, Jean, Paris, 8-day musical Louis XV mantel clock 99V15
Berthoud, gilt bronze cased mantel clock. Dial by Cotteau, Louis XVI 307V15
Breguet quarter repeating mantel clock, No 4587 323V15
Down, Ephraim, Connecticut, mahogany & maple shelf clock, auction 274V15
Frosham, London, 4 glass mantel clock, stolen 277V15
Janvier, Antide, two train mantel regulator, 1831 548V15
Le Roy, four-glass mantel regulator 435V15
Lepine, French mantel clock 11V15
Leplastrier, London, four glass fusee timepiece, c 1850 646V15
McCabe, James, London, English ormolu timepiece 15V15
Oudin, Charles, gilt regulator with equation of time, c 1877 31V15
Pons, H, Paris, mantel regulator with comp. pendulum, 1804 28, 287, 318, 434V15
Raillard, Claude, Paris, tete du poupee striking clock, c 1690 415V15
Viner, London, timepiece mantel chronometer, c 1835 424V15
Voisin, Henri, Paris, 8-day striking Louis XV mantel clock 99V15
Vulliamy, London, V15

Striking mantel clock with travelling box, No 882, c 1830 427 V15
Travelling mantel clock with alarm, No 4109, c 1835 426V15
Wilson, Bristol, brass inlaid rosewood mantel clock, c 1820 219V15

Margetts, Geo, V15
8-day nautical chronometer 406V15
Chronometers 627V15
Margueritte a Paris, balance wheel bracket clock, c 1685 3V15

Marine Chronometer, History & D Lancashire, watchmaking in evelopment, lecture by David Harries 367V15

Markwick, London, 3 train, 8-day musical longcase, c 1690 34V15
Marrents, Joseph, London, watch with travelling set c 1780 30V15
Marriot, John, London, verge quarter striking bracket clock, Geo III 547V15
Marsden, John 616, 618, 625V18
Marsh, Humphrey, of Highworth, turret clock at Compton Park 508V15
Martin, Jno, London, verge bracket clock, c 1690 10V15
Marwick, Markham, Story, London, Turkish watch, auction 634V15
Matthews, Martin, Engine Turning 1680-1980 (book) 258V15
Mauthe, electric self-winding clock 506V15
Maxwell-Irving, A M T, Andrew Dunlop, C.C. 1701-32 36-46V15
Mayr, Elias, Venetia, gilt metal table clock with verge escapement, c 1750, auction 273V15
Mechanical Clock for a Medieval Quarry, G C del Vecchio 368V15
Medlam, Sarah, French Clock Case Design, lecture 273V15
Mell, Davis, clock & watchmaker 388V15
Mellin, Cornelius, Blackfriars, oval verge watch, c1625 213V15
Mercer, Thomas, marine chronometer 404V15
Merryweather, John, London, quarter chiming lacquered longcase, c 1720 165-168V15

Metal Forming, lecture by Dr John White 366V15
Miles, John, Stroud, turret clock at Stroud Teacher's Centre 74V15
Millog, Marcus, Antonius, Vienna, Vienna Town Hall clock, 1715 358V15
Mitchell, John, London, mahogany bracket clock, Geo III, auction 274V15
Mittleberger, James Frederick, Quebec 638V15
Molins, Charles, London, burr walnut bracket clock, c1709 326V15
Moller of Berlin, electric self-winding clock 507V15
Monk, William, of Berwick St John, Wilts 583-601V15
Monk, William, Turret Clocks, M Snell 583-601V15
Monk, William, , V15
Turret clock at Berwick St John 509V15
Turret clock at Broad Chalke 509V15
Turret clocks in west Wiltshire area 583-601V15
Motel, chronometer maker 627V15
Mudge, Thomas, 392-393V15
Mudge, Thomas, London. Roman Striking Bracket Clock, circa 1770, F Hudson 53-71V15
Mudge, Thomas, perpetual calendar watch, No 574 364V15
Museums and Collections, V15
Ashmolean Museum, Oxford 365V15
Clive House Museum, Shrewsbury 639V15
Conservatoire des Arts et Metiers, Paris 627V15
Deal Time-ball Museum 628-629V15
Horological Museum, Vienna 356-362V15
Jodrell Bank Centre 505V15
Kunsthistorische Museum, Vienna 355V15
Lady Lever Art Gallery 504V15
Louvre, Paris 627V15
Museum of the History of Science 73, 365V15
National Museum of Science & Technology, Milan 627V15
National Museum of the Renaissance, Ecouen 628V15
Oxford Museum 508V15
Prescot Museum 504, 632V15
Rutland County Museum 507V15
Salisbury Museum 508V15
Stamford Museum 640V15
Stuart Hall Collection, Bolton 504V15
The Poldi Pezzoli Museum, Milan 626V15
Time Museum, Rockford 627V15
Vienna Technical Museum 355-356V15
Musical Clocks, lecture by Arthur Orde-Hume 72V15
Musical clocks by, V15
Baptiste, Jean, Paris, 8-day musical Louis XV mantel clock 99V15
Barnes, Nathaniel, London, musical bracket clock, c 1780 108V15
Grant, John, London, musical bracket clock 27V15
Markwick, London, 3 train, 8-day musical longcase, c 1690 34V15
Norton, Eardly, quarter chiming musical bracket clock 14V15
Perigal, Francis, tortoiseshell & ormolu musical bracket clock, c 1785 537V15
Pybus, London, musical bracket clock with 10 bells, auction 634V15
Quorman, Samuel, Temple Cloud, 30-hour musical longcase 27V15
Ranger, Michael, London, musical bracket clock with automation, c 1785 308-309V15
Simpson, London, musical table regulator, George III 204V15
Smith, John, Pittenweem, V15
Musical automata longcase clock, c 1770 448, 454-466V15
Musical automata longcase clock, c 1790 466-476V15
Three dial musical pedestal clock, c 1795 446-454, 444-445, 447V15
Wood, Robert, 8-day musical bracket clock, c 1780 530V15
Myatt, Paul, An Analysis of Fortier and Stollerwerck's Astronomical Clock of 1760, lecture 631V15
Mystery clock, GLT, Paris, spelter mystery clock, auction 634V15
N
National, electric self-winding clock 507V15
Neere, Peter Colson, Londini, balance wheel lantern clock, auction 273V15
Neilson, Nicole (Dent), London, gold cased lever watch, No 33584, auction 273V15
Nethercott, G, turret clock at Childrey 73V15
Neuchatel, electric self-winding clock 507V15
Newall, Dr A J, Watch Escapements, lecture 630V15
Newbury, Exhibition at, 100 years of Electric Self-Winding Clocks 506-507V15
Newton of Seend, turret clock at Salisbury, St Thomas  508 V15
Nicholson, J, Iron and Steel Making in Sheffield, lecture  365 V15
N.K., gold & enamel pendant watch, c 1675  555 V15
Noctuary,  490, 231-251 V15
Noctuary or Watchman's Clock, A Burchall  231-251 V15
            Addendum, A Burchall  362 V15
Normalzeit, electric self-winding clock  506 V15
Normalzeit electrically rewound master clock  52 V15
Northgraves, Denton, Hull, rack lever watch No 5205, 1830  638 V15
Norton, Eardly, London, clocks by,  V15
            Mahogany longcase No 1102, c 1780  321 V15
            Mahogany strikibg bracket clock, c 1780  438 V15
            Quarter chiming musical bracket clock  14 V15
O
Oberkircher, Joachim, Vienna, St Stephen's Cathedral clock, 1699  356, 357 V15
Obituary,  V15
            Bertele von Grenadenberg, Hans  50 V15
            Edwardes, E L  50 V15
            Evans, David W  50 V15
            Harris, The Lord  124 V15
Orbital clock with Bisque case  94, 298, 530 V15
Organ clock,  V15
            Austrian organ clock  355 V15
Oudin, Charles, gilt regulator with equation of time, c 1877  31 V15
Orde-Hume, Arthur, Musical Clocks, lecture  72 V15
Owen, John, Llanrwst, clockmaker  157 V15
Owen, Watkin, Llanrwst, clockmaker  157 V15
P
Pare, Thomas, ebony veneered striking table clock, stolen  392, 412 V15
Paris of Warwick, bracket clock  389-391 V15
Parkinson & Frodsham,  V15
            Chronometer maker  511 V15
            Lever watch No 1995, movement only  277 V15
            Watchman's clock  235 V15
Pass, John, The Life of a Journeyman Watchmaker, lecture  505 V15
Patek, Philippe & Cie,  V15
            Geneva, astronomical watch, 1929  555 V15
            Most complicated watch  156 V15
Paton, Leslie, Iron and Steel Available to the Horological  V15
            Masters of the Past  47-51 V15
Pendulum Design, lecture by Douglas Bateman  629-630 V15
Pennington, lecture by David Penny  82 V15
Percival, Thomas, verge travelling clock & alarm, c 1810  518 V15
Perigal, Francis, tortoiseshell & ormolu musical bracket clock, c 1785  537 V15
Perpignan Clock of 1356. A Conjectural Reconstruction of the, H E Rose 330-354, 491-503 V15
Perpignan Clock,  V15
            Layout of the clock  330-354, 499 V15
            Layout of wheel trains  494 V15
Pierque le feure a Paris ormolu bronze cartel clock, 1749  207 V15
Pigeon à Clermont, oval astronomical watch, early 17c  406 V15
Piguet & Meylan, Geneva, Enamel & pearls repeating watch, c 1818  523 V15
Piguet, A Rare Complicated Watch by, R Good  147-156 V15
Piguet, Henri-Daniel  156 V15
Piguet, Jean  156 V15
Pond, Chester H, electric self-winding clock  506 V15
Pons, H, Paris, mantel regulator with comp. pendulum, 1804  28, 287, 318, 434 V15
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Portable alarum clock, V15
Fletcher, Robert, Chester, portable alarum clocks 394-395V15
Moreland, Thomas, Chester, portable alarum clocks 394V15
Princeps master clocks 52V15
Puller, Jonathan, London, month going bracket clock, c 1680 436V15

Q
Q measurements, 479-489V15
Quality factor of the pendulums of four clocks by John Harrison, Measurements of the, D A Bateman & K James 479-489V15
Erratum 604V15
Quare & Horseman, bracket clock, No 217, stolen 392V15
Quare, Daniel 610, 613V15
Quare, Daniel, month going 3 train chiming longcase clock 549V15
Quorman, Samuel, Temple Cloud, 30-hour musical longcase 27V15

R
Rack lever watches by, V15
Litherland & Co 384V15
Liverpool makers 385V15
Makers outside Liverpool 385V15
Roskell, Robert 384V15
Rack Lever Watch, Today's Survivals, R Kemp 375-385V15
Rai lard, Claude, Paris, tortoiseshell tete du poupee striking clock, c 1690 415V15
Ranger, Michael, London, musical bracket clock with automation, c 1785 308-309V15
Rauschmann, year going Laterndluhr regulator, circa 1800 2V15
Record Office, V15
Lancashire County Record Office 606, 619V15
Recordon, late Emery, London, gold cased dumb repeating watch, No 7122, auction 273V15
Rees, Abraham 606V15
Regulators by, V15
Bailly, mantel regulator with equation of time remontoir, 1810 407V15
Barrie, Edinburgh, longcase regulator, c 1850 212V15
Biedermeir regulator, c 1830 98V15
Boeck, Martin, month going Laterndluhr regulator 534V15
Brutmann in Wein, Biedermeir regulator, c 1840 302V15
Dent, V15
Mahogany Longcase regulator, 12” circular dial, auction 273V15
Wall regulator No 55724 with external dead beat escapement 420V15
Elsner & Petrovits, Biedermeir regulator, c 1825 98V15
Empire style month going Viennese regulator 198V15
Ferguson, Alex, Cupar in Fife, mahogany longcase regulator, c 1820, auction 273V15
French Royal Exchange, London, 8-day longcase regulator, c 1820 116V15
Frodsham, Arnold, London, longcase regulator No 604, c 1845 210V15
Frodsham, Charles, London, longcase regulator No 976, c 1850 210V15
Gowland, Thomas, London, mercury pendulum regulator, 1836 437V15
Gribelin, turtle shell & pewter veneered longcase regulator, c 1690 291V15
Harrison, John, 8-day longcase regulator clock, c 1745 479-488V15
Janvier, Antide, two train mantel regulator, 1831 546V15
Le Paute, Paris, full calendar table regulator, c 1780 431V15
Le Roy, four-glass mantel regulator 435V15
Lepine, Jean Antione, gilt & bronze table regulator with calendarwork 421V15
Liszt, Anton, Biedermeir regulator, c 1825 98V15
McCabe, James, Royal Exchange, mahogany longcase regulator, No 3333, auction 274V15
Mosslinger in Wein, 8-day Viennese regulator 522V15
Perigal, Francis, Bond St, mahogany regulator, auction 634V15
Pons, H, Paris, mantel regulator with comp. pendulum, 1804 28, 287, 318, 434V15
Rauschmann in Offen, Laterndluhr, year going, circa 1800 2V15
Reid & Auld, Edinburgh, longcase regulator, 1811 315V15
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Simpson, London, musical table regulator, George III  204\textsuperscript{V15}
Vigreux, C & Brille, L, precision regulator, 19th c  122\textsuperscript{V15}
Walker, Jno, London, mahogany cased wall regulator, auction  273\textsuperscript{V15}

Regulator clocks, \textsuperscript{V15}
William IV mahogany longcase regulator  428\textsuperscript{V15}
Reid & Auld, Edinburgh,  254 \textsuperscript{V15}
  Longcase regulator, 1811  315\textsuperscript{V15}
Reid, Thomas, Edinburgh  254\textsuperscript{V15}
Religieuse clock  90, 171\textsuperscript{V15}
Research, registering with AHS  164\textsuperscript{V15}
Reynolds, Thomas  618, 625\textsuperscript{V15}
Rimbault, Stephen, London, musical bracket clock, c 1740  199\textsuperscript{V15}
Robin, Paris, skeleton clock  418\textsuperscript{V15}
Robinson, Jas, 8-day mahogany longcase c 1750  27\textsuperscript{V15}
Robinson, Tom, 30-hour Clocks, lecture  367, 505, 629\textsuperscript{V15}
Robinson, Tom, AHS Chairman  329\textsuperscript{V15}
Roman striking  53, 61-71\textsuperscript{V15}
Rose, H E, A Conjectural Reconstruction of the Perpignan Clock of 1356  30-354, 491-503\textsuperscript{V15}
Roskell, Robert,  \textsuperscript{V15}
  Rack lever watch No 21563  376\textsuperscript{V15}
  Rack lever watch No 29283  637\textsuperscript{V15}
  Watch No 35997  638\textsuperscript{V15}

S
Sand glass, Zick, Johan Andreaes, Nuremberg, 3-hour sand glass, 1664  358, 359\textsuperscript{V15}
Sayller, Johann, half year running turret clock, c 1630  541\textsuperscript{V15}
Schissler, Christopher, compendium with astrolabe, 1556  203\textsuperscript{V15}
Schloid & Co, electric self-winding clock  50\textsuperscript{V15}
Scottish Sundials, lecture by Dr Summerville  72-73\textsuperscript{V15}
Seimens, electric self-winding clock  506\textsuperscript{V15}
Self-Winding Clock Co, electric self-winding clock  506\textsuperscript{V15}
Selicon, electric self-winding clock  506\textsuperscript{V15}
Seymour, John, turret clock at East Hendred  73\textsuperscript{V15}
Shenton, Rita, Forming a Horological Book Collection, lecture  158\textsuperscript{V15}
Shortt clock  581\textsuperscript{V15}
Silent Electric Clock  52\textsuperscript{V15}
Simpson, London, musical table regulator, George III  204\textsuperscript{V15}
Simpson, R, Duo in Uno (watch with glass balance cock)  602-604\textsuperscript{V15}
Skeleton clocks, \textsuperscript{V15}
  Musical skeleton clock, c 1890  293\textsuperscript{V15}
Skeleton clocks by, \textsuperscript{V15}
  Condliff, Jno, of Liverpool, skeleton clock  540\textsuperscript{V15}
  Laurent à Paris, 30 day Directoire skeleton clock with Coteau enamels  105\textsuperscript{V15}
  Robin, Paris, skeleton clock  418\textsuperscript{V15}
  Voggenberger, Johann, skeleton clock  361\textsuperscript{V15}
Smith, Alan, \textsuperscript{V15}
  An Early 18th Century Watchmaker's Notebook  605-625\textsuperscript{V15}
  The Influence of Architectural Design on the Development of Clock Cases, lecture  272\textsuperscript{V15}
  The Origins and Development of Lancashire Watchmaking Industry, lecture  271-272\textsuperscript{V15}
  The Prescott watch and tool industries, lecture  158\textsuperscript{V15}
Smith, Edwin, of Redlynch, turret clock at Tower House, Redlynch  509\textsuperscript{V15}
Smith, Eric, Striking and Chiming Clocks, book  582\textsuperscript{V15}
Smith, John, of Pittenweem, Felix Hudson  440-478\textsuperscript{V15}
Smith, John & Sons, turret clock at Tillington  260\textsuperscript{V15}
Smith, John, of Clerkenwell, turret clock at Bower Chalke  508\textsuperscript{V15}
Smith, John, Pittenweem, \textsuperscript{V15}
  Apprentice  446\textsuperscript{V15}
  Biographical details  440\textsuperscript{V15}
<table>
<thead>
<tr>
<th>Index Entry</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business</td>
<td>441V15</td>
</tr>
<tr>
<td>Clock cases</td>
<td>441V15</td>
</tr>
<tr>
<td>Clocks by</td>
<td>440-478V15</td>
</tr>
<tr>
<td>Headstone</td>
<td>440, 442V15</td>
</tr>
<tr>
<td>Memorial timepiece</td>
<td>440, 442V15</td>
</tr>
<tr>
<td>Musical automata longcase clock, c 1770</td>
<td>448, 454-466V15</td>
</tr>
<tr>
<td>Musical automata longcase clock, c 1790</td>
<td>466-476V15</td>
</tr>
<tr>
<td>Pedestall clock</td>
<td>441V15</td>
</tr>
<tr>
<td>Three dial musical pedestal clock</td>
<td>446-454, 444-445, 447V15</td>
</tr>
<tr>
<td>Turret clock</td>
<td>440-441V15</td>
</tr>
<tr>
<td>Turret clock, at Pittenweem 1773</td>
<td>440-441V15</td>
</tr>
<tr>
<td>Two train table or pedestal clock</td>
<td>413V15</td>
</tr>
<tr>
<td>Workshop</td>
<td>440, 442V15</td>
</tr>
<tr>
<td>Smith, Joseph, Bristol, ebonised verge bracket clock, Geo III, auction</td>
<td>274V15</td>
</tr>
<tr>
<td>Smith, S &amp; Sons, minute repeating lever tourbillon, 1899</td>
<td>92V15</td>
</tr>
<tr>
<td>Smith's Battriclock, electric self-winding clock</td>
<td>507V15</td>
</tr>
<tr>
<td>Smith's Memory Master electric self-winding clock</td>
<td>506V15</td>
</tr>
<tr>
<td>Smiths of Derby</td>
<td>507V15</td>
</tr>
<tr>
<td>Snell, M &amp; Beckinsell, W, Birdcage Clock at Norrington Court</td>
<td>370V15</td>
</tr>
<tr>
<td>Snell, M, William Monk Turret Clocks</td>
<td>583-601V15</td>
</tr>
<tr>
<td>Social Aspects of Time, lecture by Prof David Laudes</td>
<td>629V15</td>
</tr>
<tr>
<td>Somersall, Mandevile, clockmaker</td>
<td>174V15</td>
</tr>
<tr>
<td>South Wiltshire Industrial Archaeological Society, A Survey of Turret</td>
<td>143V15</td>
</tr>
<tr>
<td>Smith's Battriclock, electric self-winding clock</td>
<td>507V15</td>
</tr>
<tr>
<td>Smith's Memory Master electric self-winding clock</td>
<td>506V15</td>
</tr>
<tr>
<td>Smiths of Derby</td>
<td>507V15</td>
</tr>
<tr>
<td>Snell, M &amp; Beckinsell, W, Birdcage Clock at Norrington Court</td>
<td>370V15</td>
</tr>
<tr>
<td>Snell, M, William Monk Turret Clocks</td>
<td>583-601V15</td>
</tr>
<tr>
<td>Social Aspects of Time, lecture by Prof David Laudes</td>
<td>629V15</td>
</tr>
<tr>
<td>Somersall, Mandevile, clockmaker</td>
<td>174V15</td>
</tr>
<tr>
<td>South Wiltshire Industrial Archaeological Society, A Survey of Turret</td>
<td>143V15</td>
</tr>
<tr>
<td>Spraeckel, Willem, turret clock at St Bavo's, Haarlem</td>
<td>163V15</td>
</tr>
<tr>
<td>Standard Electric Clock Co, electric self-winding clock</td>
<td>507V15</td>
</tr>
<tr>
<td>Stick clock, Anon, Japanese verge stick clock, auction,</td>
<td>274V15</td>
</tr>
<tr>
<td>Still, Francis, London, quarter repeating bracket clock c 1705</td>
<td>112V15</td>
</tr>
<tr>
<td>Straton, Archibald, Edinburgh, watchmaker</td>
<td>254V15</td>
</tr>
<tr>
<td>Strut clock, Cole, Thomas, strut clock</td>
<td>310V15</td>
</tr>
<tr>
<td>Stuart, S E, A Neat Clockcase Ornamented</td>
<td>125-143V15</td>
</tr>
<tr>
<td>Stuart, Susan, Gillows Clock Case Design, lecture</td>
<td>158V15</td>
</tr>
<tr>
<td>Stuart, William G, Irish Clock Cases - 1700-1850, lecture</td>
<td>360V15</td>
</tr>
<tr>
<td>Summerville, Dr, Scottish Sundials, lecture</td>
<td>72-73V15</td>
</tr>
<tr>
<td>Sundials</td>
<td>76-77V15</td>
</tr>
<tr>
<td>Anglo-Saxon</td>
<td>76-77V15</td>
</tr>
<tr>
<td>Scottish</td>
<td>72-73V15</td>
</tr>
<tr>
<td>Obleisk, Lecturn &amp; facet head sundials</td>
<td>72-73V15</td>
</tr>
<tr>
<td>Universal ring dial, possibly by Thomas Heath, c 1830</td>
<td>527V15</td>
</tr>
<tr>
<td>Sundials, Anglo-Saxon, and the &quot;Tidal&quot; or &quot;Octaval&quot; System of Time</td>
<td>76-77V15</td>
</tr>
<tr>
<td>Measurement, A J Turner</td>
<td>76-77V15</td>
</tr>
<tr>
<td>Synchronome</td>
<td>115V15</td>
</tr>
<tr>
<td>Electric self-winding clock</td>
<td>506V15</td>
</tr>
<tr>
<td>Master clock</td>
<td>52V15</td>
</tr>
<tr>
<td>T</td>
<td>318V15</td>
</tr>
<tr>
<td>Tabernacle clocks, Anon, gilt metal fusee tabernacle clock, 1587, auction</td>
<td>273V15</td>
</tr>
<tr>
<td>Table regulators, Cole, Thomas, gilt table regulator, mid 19th c</td>
<td>20V15</td>
</tr>
<tr>
<td>Tagliabue, London, mahogany clock barometer, George II</td>
<td>428V15</td>
</tr>
<tr>
<td>Tavern clocks, Cowan, James, Edinburgh, 8 day tavern clock</td>
<td>254-255V15</td>
</tr>
<tr>
<td>Taylor, Jasper, Holborn, 8-day moonphase walnut longcase, c 1730</td>
<td>102, 216V15</td>
</tr>
<tr>
<td>Taylor, Robert, turret clock at Churchill</td>
<td>73V15</td>
</tr>
<tr>
<td>Taylor, Snowden, The Developmental Era of Eli Terry and Seth Thomas Shelf</td>
<td>372V15</td>
</tr>
<tr>
<td>Clocks (E J Tyler)</td>
<td>372V15</td>
</tr>
<tr>
<td>Telefonbau electrically rewound master clock</td>
<td>52, 506V15</td>
</tr>
<tr>
<td>Tenant, Mrs M F, The History &amp; Development of the Longcase Painted Dial</td>
<td>260V15</td>
</tr>
</tbody>
</table>
Thermoscopes & Thermometers, lecture by Spiridion Azzopardi  74\textsuperscript{V15}

The Air we Breathe and its Effect on Clocks, lecture by K James  364\textsuperscript{V15}

The Time Museum, Catalogue of the Collection of the Time Museum, book  604\textsuperscript{V15}

Thirty-hour Clocks, lecture by Tom Robinson  367, 505, 629\textsuperscript{V15}

Thompson, astronomical longcase  6\textsuperscript{V15}

Thomson, T, Edinburgh, mahogany and olivewood barometer, c 1810  422\textsuperscript{V15}

Thuret a Paris, ebonised Boullecase Religieuse clock, stolen,  171\textsuperscript{V15}

Thwaites, John, 8-day, mahogany longcase regulator, c 1784  18\textsuperscript{V15}

Thwaites & Reed,  18\textsuperscript{V15}

Thwaites, John, Clerkenwell, turret clocks  260\textsuperscript{V15}

Tickle, William, Newcastle, mahogany bracket clock c 1775  27\textsuperscript{V15}

Time-ball Tower at Deal  628-629\textsuperscript{V15}

The Time of our Lives, lecture by Prof David Landes  506\textsuperscript{V15}

TMC master clock  52\textsuperscript{V15}

Tobias & Co, Liverpool, gilt lever watch No 3395, 1816, auction  274\textsuperscript{V15}

Toleman, J R Lloyd, The Tolemans: clock and watch makers of Caernarfon and Pwllheli, lecture  157\textsuperscript{V15}

Tompion & Graham, 8-day walnut longcase, No 558, c 1712  311\textsuperscript{V15}

Tompion, Thomas, clocks by,  171\textsuperscript{V15}

Bracket clock, No 117, stolen  171\textsuperscript{V15}

Bracket clock, No 317  304-305\textsuperscript{V15}

Ebony, quarter repeat bracket clock, No 515  4 - 5\textsuperscript{V15}

No 357, walnut case  8-9\textsuperscript{V15}

No 38  96\textsuperscript{V15}

No 99  96\textsuperscript{V15}

Small ebony bracket clock, No 99, auction  247\textsuperscript{V15}

Workman's clock at Powis Castle  638\textsuperscript{V15}

Tower Bells, History and Manufacture of, lecture by A Hughes  630-631\textsuperscript{V15}

Tregent, James, London, 3 train bracket clock, George III  32\textsuperscript{V15}

Treherne, Alan, English Provincial Clockmaking, lecture  159\textsuperscript{V15}

Tryer, Thomas, duplex escapement  364\textsuperscript{V15}

Tucker, of Grays Inn, turret clock at Yelden  508\textsuperscript{V15}

Turmchenuhr clock, c 1600  357\textsuperscript{V15}

Turner, A J, Anglo-Saxon Sundials and thw "Tidal" or "Octaval" System of Time Measurement  76-77\textsuperscript{V15}

Turret clocks,  214-215\textsuperscript{V15}

Turret clocks at,  507\textsuperscript{V15}

Apethorpe  507\textsuperscript{V15}

Armsbury, Abbey Church  506\textsuperscript{V15}

Asthall  73\textsuperscript{V15}

Barford St Michael  73\textsuperscript{V15}

Berwick St John  508\textsuperscript{V15}

Berwick St John  596-599, 598-599\textsuperscript{V15}

Bower Chalke  508\textsuperscript{V15}

Broad Chalke  509, 591-593, 592\textsuperscript{V15}

Burley on the Hill  507\textsuperscript{V15}

Childrey  73\textsuperscript{V15}

Churchill  73\textsuperscript{V15}

Clipsham  507\textsuperscript{V15}

Compton Chamberlayne, Compton Park  508\textsuperscript{V15}

Cremona, Tower of, Astronomical Clock  626\textsuperscript{V15}

Deddington  73\textsuperscript{V15}

Ditchley Park  73\textsuperscript{V15}

Downton  508\textsuperscript{V15}

East Hendred  73\textsuperscript{V15}
<table>
<thead>
<tr>
<th>Location</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ebernoe</td>
<td>260*V15</td>
</tr>
<tr>
<td>Edith Weston</td>
<td>507*V15</td>
</tr>
<tr>
<td>Empingham</td>
<td>507*V15</td>
</tr>
<tr>
<td>Felmersham</td>
<td>507*V15</td>
</tr>
<tr>
<td>Fontmell Magna</td>
<td>596, 595-597*V15</td>
</tr>
<tr>
<td>Gillingham</td>
<td>590, 592*V15</td>
</tr>
<tr>
<td>Haarlem, St Bavo's church</td>
<td>161-164*V15</td>
</tr>
<tr>
<td>Ijmuiden, Holland</td>
<td>372*V15</td>
</tr>
<tr>
<td>Keynsham</td>
<td>601*V15</td>
</tr>
<tr>
<td>Knotting</td>
<td>508*V15</td>
</tr>
<tr>
<td>Leonard Stanley</td>
<td>74*V15</td>
</tr>
<tr>
<td>Letcombe Regis</td>
<td>73*V15</td>
</tr>
<tr>
<td>Loddington Hall, Leics</td>
<td>507*V15</td>
</tr>
<tr>
<td>Lurgashall</td>
<td>260*V15</td>
</tr>
<tr>
<td>Melchborne</td>
<td>508*V15</td>
</tr>
<tr>
<td>Museum of the History of Science, Oxford</td>
<td>73*V15</td>
</tr>
<tr>
<td>Nailsworth</td>
<td>74*V15</td>
</tr>
<tr>
<td>Nassington</td>
<td>507*V15</td>
</tr>
<tr>
<td>Newhouse</td>
<td>509*V15</td>
</tr>
<tr>
<td>Norrington Court</td>
<td>301*V15</td>
</tr>
<tr>
<td>Northchapel</td>
<td>260*V15</td>
</tr>
<tr>
<td>Odell</td>
<td>508*V15</td>
</tr>
<tr>
<td>Petworth</td>
<td>260*V15</td>
</tr>
<tr>
<td>Philadelphia, Independence Hall</td>
<td>511*V15</td>
</tr>
<tr>
<td>Polebrooke</td>
<td>507*V15</td>
</tr>
<tr>
<td>Puchenstuben, Lower Austria</td>
<td>356*V15</td>
</tr>
<tr>
<td>Redlynch, at Tower House,</td>
<td>509*V15</td>
</tr>
<tr>
<td>Riseley</td>
<td>507*V15</td>
</tr>
<tr>
<td>Salisbury Cathedral</td>
<td>508*V15</td>
</tr>
<tr>
<td>Salisbury Workhouse</td>
<td>508*V15</td>
</tr>
<tr>
<td>Salisbury, St Thomas</td>
<td>508*V15</td>
</tr>
<tr>
<td>Seynkley House</td>
<td>74*V15</td>
</tr>
<tr>
<td>Sharnbrooke</td>
<td>507*V15</td>
</tr>
<tr>
<td>Sherborne Abbey</td>
<td>585-587, 584-587*V15</td>
</tr>
<tr>
<td>Stour Provost</td>
<td>593-596, 594*V15</td>
</tr>
<tr>
<td>Stratford-sub-Castle</td>
<td>508*V15</td>
</tr>
<tr>
<td>Stroud</td>
<td>74*V15</td>
</tr>
<tr>
<td>Swineshead</td>
<td>507-508*V15</td>
</tr>
<tr>
<td>Szczecin Castle, Poland</td>
<td>639*V15</td>
</tr>
<tr>
<td>Tarrant Gunville</td>
<td>596*V15</td>
</tr>
<tr>
<td>Tillington</td>
<td>260*V15</td>
</tr>
<tr>
<td>Upper Dean</td>
<td>508*V15</td>
</tr>
<tr>
<td>Vienna, Der Anker</td>
<td>356*V15</td>
</tr>
<tr>
<td>St Stephen's Cathedral,</td>
<td>356-357*V15</td>
</tr>
<tr>
<td>Town Hall</td>
<td>356*V15</td>
</tr>
<tr>
<td>Warnham,</td>
<td>260*V15</td>
</tr>
<tr>
<td>Wimborne Minster</td>
<td>588-590, 589-591*V15</td>
</tr>
<tr>
<td>Witchampton</td>
<td>599-600, 599-600*V15</td>
</tr>
<tr>
<td>Woodchester</td>
<td>74*V15</td>
</tr>
<tr>
<td>Yelden</td>
<td>508*V15</td>
</tr>
</tbody>
</table>

Turret clocks by, *V15

- Benson,                         260*V15
- At Ebernoe                      260*V15
- At Warnham                      260*V15
- Carter, at Salisbury, St Thomas | 508*V15
- Cannon, W, at Bower Chalke      | 508*V15
- Churchill of Downton            | 509*V15
Corby, John, of Castle Ashby  508\textsuperscript{v15}
Cowan, James, Edinburgh, 4 day turret clock  255-256\textsuperscript{v15}
Davis, John, Windsor, at Museum of the History of Science  73\textsuperscript{v15}
Dent, at Lurgashall  260\textsuperscript{v15}
Farndon, Thomas, at Deddington  73\textsuperscript{v15}
Gerbrantszoon, Andries, at St Bavo's, Haarlem  163\textsuperscript{v15}
Geryt van Wou, turret clock at St Bavo's, Haarlem  163\textsuperscript{v15}
Gillett & Bland, at Woodchester  74\textsuperscript{v15}
Gillett & Johnston,\textsuperscript{v15}
at Nailssworth  74\textsuperscript{v15}
at Stratford-sub-Castle  508\textsuperscript{v15}
Hemmings, Edward, Bicester,\textsuperscript{v15}
at Aynho  74\textsuperscript{v15}
at Ditchley Park  73\textsuperscript{v15}
at Museum of the History of Science  73\textsuperscript{v15}
Henfrey, James, Leicester, at Stroud  74\textsuperscript{v15}
Hewett, George, of Marlborough at Stratford-sub-Castle  508\textsuperscript{v15}
Joyce, at Salisbury Cathedral  508\textsuperscript{v15}
Knibb, Joseph,\textsuperscript{v15}
at Burley on the Hill  507\textsuperscript{v15}
at Museum of the History of Science  73\textsuperscript{v15}
Lund & Blockley  507\textsuperscript{v15}
Marsh, Humphrey, of Highworth, at Compton Park  508\textsuperscript{v15}
Miles, John, Stroud, at Stroud Teacher's Centre  74\textsuperscript{v15}
Millog, Marcus, Antonius, Vienna, Vienna Town Hall clock, 1715  356\textsuperscript{v15}
Monk, William,\textsuperscript{v15}
at Berwick St John  509\textsuperscript{v15}
at Broad Chalke  509\textsuperscript{v15}
in west Wiltshire area  583-601\textsuperscript{v15}
Nethercott, G, at Childrey  73\textsuperscript{v15}
Newton of Seend, at Salisbury, St Thomas  508\textsuperscript{v15}
Oberkircher, Joachim, Vienna, St Stephen's Cathedral clock, 1699  356, 357\textsuperscript{v15}
Salisbury, at Salisbury, St Thomas  508\textsuperscript{v15}
Sayller, Johann, half year running turret clock, c 1630  541\textsuperscript{v15}
Seymour, John, at East Hendred  73\textsuperscript{v15}
Smith, Edwin, of Redlynch, at Tower House, Redlynch  509\textsuperscript{v15}
Smith, John & Sons, at Tillington  260\textsuperscript{v15}
Smith, John, at Pitenweem  440-441\textsuperscript{v15}
Smith, John, of Clerkenwell, at Bower Chalke  509\textsuperscript{v15}
Spraeckel, Willem, at St Bavo's, Haarlem  163\textsuperscript{v15}
Taylor, Robert, at Churchhill  73\textsuperscript{v15}
Thwaites & Reed,\textsuperscript{v15}
at Petworth  260\textsuperscript{v15}
at Salisbury, St Thomas  508\textsuperscript{v15}
Thwaites, John, Clerkenwell  260\textsuperscript{v15}
Tucker, of Grays Inn, at Yelden  508\textsuperscript{v15}
Vulliamy, at Northchapel  260\textsuperscript{v15}
Watts, John,\textsuperscript{v15}
at Apethorpe  507\textsuperscript{v15}
at Clipsham  507\textsuperscript{v15}
at Edith Weston  507\textsuperscript{v15}
at Empingham  507, 639-640\textsuperscript{v15}
at Nassington  507\textsuperscript{v15}
Wentworth, Robert, of Salisbury, at Newhouse  509\textsuperscript{v15}
Woodyear, at Salisbury, St Thomas  508\textsuperscript{v15}

U
UR OPTIK  514\textsuperscript{v15}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

V
Van der Plancke, electric self-winding clock 507
Van Knaus, F, Tuebingen, Immser astronomical clock 355
Van Lambalgen, L, An Interior Church Clock Dial in Haarlem 161-164
Van Leewen, F S, Haarlem, Dutch mahogany longcase clock, c 1790, auction 274
Vassali, Edinburgh, quarter chiming bracket clock, auction 274
Vigne & Sautier, Bath, 8-day longcase regulator, c 1800 19
Vigreux, C & Brille, L, precision regulator, 19th c 122
Viner, London,
  Gold minute repeating chronometer watch, No 3257, auction 273
  Month going English travelling clock 416
  Timepiece mantel chronometer, c 1835 424
Voisin, Henri, Paris, 8-day striking Louis XV mantel clock 99
Voggenberger, Johann, skeleton clock 361
Vulliamy, London, clocks by,
  Architectural longcase clock, c 1770 552-553
  Striking mantel clock with travelling box, No 882, c 1830 427
  Travelling mantel clock with alarm, No 4109, c 1835 426
  Vulliamy, possible turret clock at Northchapel 260

W
W A, Flemish lantern clock with strike & alarm, c 1580 103
Wall clocks by,
  Coster, Solomon, pendulum wall clock with alarm, 1658 406
Walker, Jno, London, mahogany cased wall regulator, auction 273
Waltham Watch Co, 21 jewel stem wind watch, No 20039972, auction 274
Waltham watches 506
Ward, Dr F, Clocks in the Paintings of Titian 224-230
Watch Escapements, lecture by Dr A J, Newall 630
Watches,
  Automation watch with cupids and a fountain 528
  Cylinder watch with calendar, in pencil, c 1780 410
  Ebner-Eschenbach, Maria, watch collection 359
  Swiss tourbillon chronometer watch 517
  Watch with glass balance cock by Wm Holloway 602-604
Watches by,
  Anthony, Wm, London, oval with pearls & diamonds, c 1800 29
  Baker, David, Billingshurst, verge pocket watch 636
  Bennett, Sir John, London, gold hunterclock watch, No 12679, auction 273
  Berry, Arthur, Liverpool, rack lever watch, No 537 380
  Breguet, watches by, 315
    Astronomic watch with moon phases, 1792 523
    Gold lever watch No 3209 429
  Catton, Wm, London, rack lever watch No 4799 375
  Charles a Paris, self winding cylinder watch, No 381, c 1810, auction 273
  Cummins, Thomas, London, gold cased lever watch No 55-22 221
  Dunlop, Andrew, London 1. 36-46
    Five minute repeater watch
    Sun and moon verge watch 38-39
    Watch No 2173 1, 37
    Watch No 656 37
    Watch No 945 42
    Watch numbers 36
  Emery, Josiah, London, gilt lever watch No 1001, 1783 107
  French Royal Exchange, London, gold hunter No 11381, auction 634
  Gib, William, Rotterdam, silver pair cased repeating watch, No 136, auction 274
  Golay Fils and Stahl Fabrique Geneve, watch No 28432 147-156
  Gorsuch, Thomas, Salop,
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

No 238 watch
No 383, watch 514
No 571, watch movement only 639
No 586 & 587, watch 515
No 679, verge watch 396-398, 514-515
No 692, watch movement only 639
No 796, pair cased watch 172-173, 278
Silver cased watch, un-numbered 639
Gould, Chr, London, silver pair cased clock watch, auction 634
Grant, John, lever pocket watch No 1408, 1788 546
Grayhurst & Harvey, London, gold, enamel and pearl watch, No 4508, auction 273
Grignon, Thos & Son, London, cylinder watch & chatelaine 33
Haas Neveux & Lo, Geneva, gold cased keyless lever watch, No 19287, auction 273
Harris, John, London, repousee silver gilt cased quarter striking watch, stolen 277
Heckle, A, rack lever watch No 1037, 1816 638
Hendkl, Jan, Kuhn Amsterdam, gold pair cased verge watch, No 7901, auction, 274
Henner, Wurtzburg, silver & leather verge watch, 1700-1750, auction 274
Holloway, Wm, London, watch with glass balance cock 602-604
Ilbery, London, gold and agate watch, c 1810 295
Invicta, Tourbillon, Brevet, keyless lever watch, auction 273
Jackson, J & J, London, verge watch, No 9866, 1786 533
Jamieson, watch, 1836 638
Kling, Andraes, silver verge clockwatch, auction, 274
Knebel, F, Amsterdam, silver cased self-winding watch, No 23, auction 274
Knotesford, William, London, gold paircased watch c 1670 21
Lepine, Jean Antoine, Heart shape repeating watch, c 1780 410
Watch No 1084 81-82
Lestourgeon, silver paircased mock pendulum verge watch 106
Lipp, keyless lever watch with tourbillon, 1959 528
Litherland, Davis & Co, Liverpool, rack lever watch, No 8127
Litherland, Peter, Liverpool, Rack lever watch, No 1021 378
Watch No 914 638
Litherland, Whiteside & Co, Liverpool, rack lever watch, No 6698 379
Marwick, Markham, Story, London, Turkish watch, auction 634
Marrents, Joseph, London, watch with travelling set c 1780 30
Mellin, Cornelius, Blackfriars, oval verge watch, c1625 213
Mudge, Thomas, perpetual calendar watch, No 574 364
Neilson, Nicole (Dent), London, gold cased lever watch, No 33584, auction 273
Northgraves, Denton, Hull, rack lever watch No 5205, 1830 638
N.K., gold & enamel pendant watch, c 1675 555
Parkinson & Frodsham, lever watch No 1995, movement only 277
Patek, Philippe & Cie, Geneva, Astronomic watch, 1929 555
Most complicated watch 156
Pigeon à Clermont, oval astronomical watch, early 17c 408
Piguet, rare complicated watch No 28432 147-156
Piguet & Meylan, Geneva, Enamel & pearls repeating watch, c 1818 523
Recordon, late Emery, London, gold cased dumb repeating watch, No 7122, auction 273
Rosell, Robert, Rack lever watch No 21563 376
Rack lever watch No 29283 637
Watch No 35997 638
Smith, S & Sons, minute repeating lever tourbillon, 1899 92
Tobias & Co, Liverpool, gilt lever watch No 3395, 1816, auction 274
Viner & Co, London, gold minute repeating chronometer, No 3257, auction 273
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Waltham Watch Co, 21 jewel stem wind watch, No 20039972, auction 274

Wood, John, Liverpool, rack lever watch, No 3261 377

Yates, Thomas William, Preston, lever watches 144, 146, 147

Watches of the 18th Century, lecture by Richard Good 364

Watch from H M S Pandora, A, J Carpenter, L Pigott & H Whitwell 560-572

Watchmaker's Notebook, An Early 18th Century, A Smith 605-625

Watch stands 72

Watchmaking in Lancashire 605-626

Watchmaking in London 605

Watchmaking tools 630

Watchman's clock 393, 398, 490, 231-251

Watchman's clocks, 244, 245

Barraud & Lund 240

Belfontaine, London 240

Benson, J W 239

Boulton & Watt 244

Buckney, Thomas 239

Day, Samuel 244, 245, 246

Dent 235

Parkinson & Frodsham 240-247

Thwaites & Reed 231-249

Whitehurst, John, Derby 506

Whitehurst, John, Derby, watchman's clocks 231-249

Watts, John, Stamford, turret clocks, 507

at Apethorpe 507

at Clipsham 507

at Edith Weston 507, 639-640

at Empingham 507

at Nassington 507

Wentworth, Robert, of Salisbury, turret clock at Newhouse 509

Westerstrand, electric self-winding clock 506

Wetherfield Collection 490

White, Dr John, Metal Forming, lecture 360

Whitehurst & Son 398, 490

Whitehurst, James, Derby 231

Whitehurst, John, Derby 231-249

Whitehurst, John, Derby, watchman's clocks 231-249

Who was IW, lecture by M J Lee 158

Widenham, R, chronometer maker 511

Wilding, John, A Modern Tower Clock Installation, book 582

Wilson, Bristol, brass inlaid rosewood mantel clock, c 1820 219

Wilson, Joshua, London, quarter chiming lacquered longcase, c 1720 165-168

Windmills, Joseph 605, 616, 618, 625

Windmills, Joseph London, 8-day burr walnut longcase, c 1705 322

8-day marquetry longcase, c 1695 205

month going quarter chiming longcase, 1714 314

quarter repeating bracket clock 106

Windmills, Thomas 618

Winterhalter & Hofmeier, quarter chiming bracket clock, c 1880 274

Wood, John, Liverpool, rack lever watch, No 3261 377

Wood, Robert, 8-day musical bracket clock, c 1780 536

Woodward, P, Kater's Escapement 573-581

Woodyear, at Salisbury, St Thomas 508

Workman's Clocks 638

Workman's clock at Powis Castle by Thomas Tompion 365

Wright, I, John George Graves, lecture
<table>
<thead>
<tr>
<th>Alphabet</th>
<th>Name</th>
<th>Location</th>
<th>Description</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>Wright, Richard</td>
<td>Cronton, Lancs</td>
<td>Watchmaker</td>
<td>605-626V15</td>
</tr>
<tr>
<td>Y</td>
<td>Yates, Thomas William</td>
<td>Preston</td>
<td>Lever watches</td>
<td>144, 146, 144V15</td>
</tr>
<tr>
<td>Z</td>
<td>Zajizk, Franz</td>
<td>Vienna</td>
<td>Astronomical longcase clock</td>
<td>362V15</td>
</tr>
<tr>
<td>Z</td>
<td>Zeidmayer, Geog</td>
<td></td>
<td>Bracket clock</td>
<td>359V15</td>
</tr>
<tr>
<td>Z</td>
<td>Zick, Johan Andreas</td>
<td>Nuremberg</td>
<td>3-hour sand glass, 1664</td>
<td>358, 359V15</td>
</tr>
</tbody>
</table>
ANTIQUARIAN HOROLOGY

AND THE PROCEEDINGS OF

THE ANTIQUARIAN HOROLOGICAL SOCIETY

VOLUME XVI

Spring 1986 to Summer 1987

THE ANTIQUARIAN HOROLOGICAL SOCIETY

LONDON

MCMLXXXVIII

THE ANTIQUARIAN HOROLOGICAL SOCIETY

Chairman: Tom ROBINSON, President: Sir N. GOODISON

Secretaries: Mr. R. V. GLAZEBROOK & Mrs. M. JANES

Hon. Auditors: Messrs. ERNST & WHINNEY

Technical Enquiry Officer: J. H. F. WADSWORTH

Hon. Librarian: J. H. F. WADSWORTH

All correspondence should be addressed to the Secretary at New House, High Street, Ticehurst, Wadhurst, East Sussex, TN5 7AL. Tel.: (0580) 200155

Membership subscription: London area £17, elsewhere £15, family £2

Overseas Customers should pay in Sterling, drawn on a London Bank.

VOLUME SIXTEEN

ANTIQUARIAN HOROLOGY

and the proceedings of the ANTIQUARIAN HOROLOGICAL SOCIETY

Issued Quarterly to Members

Editors: Dr. J. M. Plowman and David Penney
List of Articles

Issue No.1  March, 1986  1-92
Issue No.2  June, 1896  93-196
Issue No.3  September, 1986  197-304
Issue No.4  December, 1986  305-436
Issue No.5  March, 1987  437-544
Issue No.6  June, 1987  545-652

Index  653-673

LIST OF ARTICLES

Who Was I. W.? By M. J. Lee 28
Effects of the Gravitational Attractions of the Sun and Moon on the Period of a Pendulum By P. H. Boucheron 53
The Rack Lever Watch, addendum By G. C. Crabtree 71
Captain Kater's Escapement, addenda By K. James & author 72
Henry Hindley of York By J. H. Ellis 121
The Limiting Stability of Pendulums By M. K. Hobden 132
A Breguet Puzzle By N. A. Dean 135
An Early Renaissance Stone Polyhedral Sundial By G. S. White 139
Regulating Working Hours and Timekeeping Devices in the Middle Ages By G. D. van Rossum 145
Ferdinand Berthoud By A. G. Randall 149
Early Jewel Holes By G. Ahrens, translated by E. J. Tyler 173
A Sun, Moon and Tidal Dial By Rene R. J. Rohr, translated by A. R. Somerville 227
The Sundials of John Bonar, Schoolmaster of Ayr By A. R. Somerville 233
The Deacon Family of Leicestershire Clockmakers - Part I By P. A. Hewitt 252
Three Clocks in the Ridgeway Parish By D. Nettell 263
Netherlands Tour, May 19th-26th, 1986 (Clocks) A Report by Dr. W. T. R. Pryce with contributions by Kenneth Chapelle - 267
Basque Horology By Charles K. Aked 275
The Deacon Family of Leicestershire Clockmakers - Part II By P. A. Hewitt 339
Horology under the Hammer (Auction Review 1985-86) By R. J. Law 372
A Pre-Balance Spring Horizontal Table Clock by Robert Grinkin of London By Richard Good 381
A Watch in the tradition of Pierre Le Roy's 'La Petite Ronde' By Cecil Clutton 386
The 'Doctor's' Stop Watch By A. M. Baldwin 389
A True Perspective of Perpignan 1356 By Charles K. Aked 392
300 Years of Fine English Clock and Watchmaking By Charles K. Aked 405
The 'Pulsynetic' System and its place in The History of Electric Clocks By D. J. Bird 467
Longcase Clocks of a Distinctive Design By Percy G. Dawson 479
Watches seen on the 1986 Tour of Holland By Paul Tuck 494
A Verge Watch with Alarm and Passing Strike by Issac Simmes, London By David Thompson 499
John Roger Arnold No.573 By 'Colbert' 507
Golay Fils and Stahl, Sunrise and Sunset Watch No.28432. Addendum. By David Aubert. Translated by A. G. Randall - 510
Joseph and Thomas Windmills By J. A. Neale 573
William Howells, Watchmaker, Part I By David Penney and Valerie Finch 585
Davis Mell, Musician and Clockmaker and An Analysis of the Clockmaking Trade in 17th Century London By Maria P. Fernandez and Pedro C. Fernandez 602
The Deacon Family of Leicestershire Clockmakers. Addendum By P. A. Hewitt 615
The 'Pulsynetic' System and its place in The History of Electric Clocks An Introductory Study, Part 2 By D. J. Bird 621
'Stem Regulating Perfect Keyless' By Leonard Paller 630

INDEX TO VOLUME SIXTEEN
Cumulative Index for Antiquarian Horology Volumes 10 to 19
Compiled by Edward Powell @ AHS 2006
Compiled by David Thompson

A
Abbott, Francis 410V16
Abbott, Solon, watchmaker's workbook 595V16
Absolon, bracket clock (stolen) 421V16
Acquinaga, Clemente, clockmaker 279V16
Agar, John, bracket clock (stolen) 421V16
Ahrens, G., Early Jewel Holes 173V16
Aimer, M. C., obituary 171V16
Ainsworth (attrib.), turret clock, 417V16
Ajay, Sir George, site for Deal Time Ball 490V16
Aish, Simon, longcase clock 332V16
Aked, Charles, Basque Horology 275V16
A True Perspective of Perpignan 1356 392V16
Alarm Mechanisms, V16
Bramer, Willem, travelling clock, 375V16
Dutton, M. & T., wall clock (stolen), 420V16
Gossage, William, patent 484V16
Graham, George, watch no.5813, 417V16
Gretton, Charles, bracket clock, 560V16
Grinkin, Robert, Jnr., horizontal table clock, 381V16
Hearn, bracket clock, 427V16
Mallet, humpback carriage clock, 541V16
Simmes, Issac, watch, 499V16
Warren, William, longcase clock, 221V16
Windmills, Joseph, longcase clock 577V16
Alban, HMS 508V16
Aldworth, Samuel, bracket clock (stolen) 421V16
Allam & Caithness, mantel timepiece 332V16
Allam & Clements, V16
bracket clock with calendar 82V16
quarter chiming bracket clock 178V16
Allen, Elias, mariner's astrolabe 250V16
Allix, Charles, brief biography 358V16
Amsterdam, Rijksmuseum, V16
carillon 268V16
Royal Palace 267V16
Andrews, John, longcase clock movement (stolen) 529V16
Annual General Meeting, minutes 242V16
Antwerp, St. Jacob's Church, turret clock 464V16
Apethorpe, St. Leonard's Church, turret clock 29, 34V16
Applebee, Geoffrey, obituary 363V16
Appleford, E., longcase clock, 81V16
Appley, Edmund, bracket clock 595V16
Apps, Robert, 30-hour longcase clocks 361V16
Archer, Henry, horizontal table clock 385V16
Arenys, wall clock, 269V16
Armorial Devices, V16
Loufoun, Lord John 234V16
MacLellan of Bombie, Sir Robert 237V16
Weld family, 502V16
Wentworth, Sir John, . 530V16
William III 578V16
Arnold, John, V16
pocket chronometer no.33/87 178V16
pocket chronometer no.53/354, 97V16
watch no.1, 415V16
<table>
<thead>
<tr>
<th>Page</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>380</td>
<td>Arnold, John Roger, marine chronometer no.471.</td>
</tr>
<tr>
<td>507</td>
<td>Arnol, John Roger, marine chronometer no.573.</td>
</tr>
<tr>
<td>507</td>
<td>Arnol, John Roger, marine chronometer no.574.</td>
</tr>
<tr>
<td>178</td>
<td>pocket chronometer no.1989.</td>
</tr>
<tr>
<td>211</td>
<td>pocket chronometer no.2107.</td>
</tr>
<tr>
<td>595</td>
<td>Arnold Adams &amp; Co., on Swiss watches.</td>
</tr>
<tr>
<td>470</td>
<td>Aron, Hermann, &quot;Kippe&quot; electric rewind mechanism.</td>
</tr>
<tr>
<td>468</td>
<td>Arzberger, electrical contact improvement.</td>
</tr>
<tr>
<td>412</td>
<td>Ashley, Edward F., watch.</td>
</tr>
<tr>
<td>412</td>
<td>Ashley &amp; Sims, watchmakers.</td>
</tr>
<tr>
<td>527</td>
<td>Asslin, bracket clock (stolen).</td>
</tr>
<tr>
<td>279</td>
<td>Astrain, Ambrosio, clockmaker.</td>
</tr>
<tr>
<td>250</td>
<td>Astrolabes, Humphrey Cole.</td>
</tr>
<tr>
<td>281</td>
<td>Astrolabes, Time Museum catalogue (review).</td>
</tr>
<tr>
<td>414</td>
<td>Anonymous at Nederhorst De Berg Castle, Cockey, Edward, indications on longcase clock.</td>
</tr>
<tr>
<td>17</td>
<td>Cole, J. F., humpback carriage clock.</td>
</tr>
<tr>
<td>305</td>
<td>Finnay, longcase clock.</td>
</tr>
<tr>
<td>414</td>
<td>Naylor, John, table clock.</td>
</tr>
<tr>
<td>359</td>
<td>Oberkircher, clock.</td>
</tr>
<tr>
<td>361</td>
<td>Pinchbeck, Christopher, longcase clock.</td>
</tr>
<tr>
<td>361</td>
<td>Scott, John, longcase clock.</td>
</tr>
<tr>
<td>635</td>
<td>Shearer, James, clock.</td>
</tr>
<tr>
<td>152</td>
<td>Snow, Richard, clock.</td>
</tr>
<tr>
<td>158</td>
<td>Anonymous at Nederhorst De Berg Castle, Golay Fils &amp; Stahl, no.28432.</td>
</tr>
<tr>
<td>165</td>
<td>Anonymous at Nederhorst De Berg Castle, Golay Fils &amp; Stahl, no.28432.</td>
</tr>
<tr>
<td>466</td>
<td>Atomic Time and Atomic Clocks, lecture by Dr. Gernot Winkler.</td>
</tr>
<tr>
<td>372</td>
<td>Atwood Collection, sale of items.</td>
</tr>
<tr>
<td>245</td>
<td>Aubert, Daniel, Watch no.28432 by Golay Fils &amp; Stahl.</td>
</tr>
<tr>
<td>232</td>
<td>Aubert, Leon,.</td>
</tr>
<tr>
<td>510</td>
<td>Aubert, Leon,.</td>
</tr>
<tr>
<td>138</td>
<td>Aughton, Liverpool, turret clock in St. Michael's Church.</td>
</tr>
<tr>
<td>423</td>
<td>Automata, Anonymous German table clock with lion.</td>
</tr>
<tr>
<td>453</td>
<td>Anonymous Swiss watch.</td>
</tr>
<tr>
<td>178</td>
<td>Borrell, Henry, singing bird.</td>
</tr>
<tr>
<td>561</td>
<td>Bruguié, Charles, singing bird box no.122.</td>
</tr>
<tr>
<td>199</td>
<td>Jolly, Gaston, clock.</td>
</tr>
<tr>
<td>639</td>
<td>Aylward, Guildford, longcase clock (stolen).</td>
</tr>
<tr>
<td>423</td>
<td>B, Bailey, clockmaking family.</td>
</tr>
<tr>
<td>232</td>
<td>Bain, Alexander,.</td>
</tr>
<tr>
<td>471</td>
<td>Bain, Alexander,.</td>
</tr>
<tr>
<td>467</td>
<td>Bain, Alexander,.</td>
</tr>
<tr>
<td>138</td>
<td>Baker, M., Skeleton clock no.885 by Charles Frodsham, Balance.</td>
</tr>
</tbody>
</table>
Arnold type 585V16
Hartnup 204, 380V16
Balance Cocks, letter on designs 79V16
Balance Makers, R. R. & W. Brown 638V16
Baldwin, A. M., The Doctor's Stop Watch 389V16
Ball Clock see Falling Ball ClockV16
Ball, Ernest Joseph, maker of electric clocks 475V16
Ball & Parsons, Pulsynetic master clock system 474V16
Ball & Whidbourne, patents for master clock system 475V16
Balloon Clock see Mantel ClockV16
Bancroft, watchmaker 344V16
Banff Museum, horizontal table clock by N. Vallin 385V16
Bangor Abbey, sundial by John Bonar 235V16
Barber, Jonas, clockmaker 483V16
Barber, William, longcase clock 407V16
Barnett, John, bracket clock (stolen) 527V16
Barraud, Paul, bracket clock,
  marine chronometer no.554, 311V16
  musical bracket clock 201V16
  partnership with William Howells 586V16
  pocket chronometer no.2/626 178V16
Barraud & Lund, pocket chronometer no.2/847, 378V16
Barrow, Nathaniel, bracket clock 376V16
Barston, Benjamin, clock supplier 343V16
Bartky, Dr. Ian, Telling time with time balls 167V16
Barton In The Beans 255V16
Basque Horology, article by Charles Aked 275V16
Bateman, D., addendum to article by Hobden, M. K. 134V16
Bath, Pump Room, equation clock by Thomas Tompion 596V16
Beale, John, longcase clock movement (stolen) 529V16
Beck, R., watch no.84846 287V16
Bedford, Bedfordshire Museum, Bletsoe Church clock 598V16
Beijing, moon dial in the Forbidden City 239, 241V16
Beliard, Julien, skeleton clock, 207, 327V16
Bell, by William Chamberlaine 598V16
Belton, turret clock 343V16
Bennett, Daniel, goldsmith 503V16
Benson, William, watch and clock spring maker 590V16
Berrollas, Joseph Anthony, watch with repeating mechanism, 378V16
  watch with winding mechanism 377V16
Berrueta, D. Tomas, two watches 275V16
Berthoud a Paris, coach watch, 299V16
Berthoud, Ferdinand, article by A. G. Randall 149V16
  astronomical watch No. 1, 152, 158-163, 165V16
  astronomical watch no.2 160V16
  early life 149V16
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

equation clock sent to Académie Royale des Sciences 149V16

Essai sur l’Horlogerie 1763 152V16

freedom to practise as maître 149V16

lecture by A. G. Randall 169V16

London second visit 158V16

marine timekeeper no. 1, 149-150V16

marine timekeeper no. 2, 151-153V16

marine timekeeper no. 3, 152, 154, 156V16

Traité des Horloges Marines 152V16

Traité des Horloges Marines, Supplement 1787 155V16

Berthoud. Henry. watch movements 590V16

Besançon Museum, watch by LeRoy of Paris 510V16

Bets Jonathan V16

The National Trust’s Clocks 595V16

National Trust Pocket Guide to Clocks (review) 515V16

Biaulieu Jéhan de. sells clock for Valencienne belfry 146V16

Billearea, Mont mantel clock no. 1787 (stolen) 172V16

Biographies V16

Allix. Charles. 358V16

Hutchinson Beresford. 482V16

Penney David. 358V16

Smith, Michael. 482V16

Bird. D. J. The ‘Pulsynetic’ System 363, 467, 621V16

Bird. Edward. bracket clock (stolen) 421V16

Birmingham City Museum, sidereal clock by Matthew Boulton. 545V16

Black Forest Clockmaking, 300 years of Black Forest Clockmaking Industry (review) 516V16

Blackborow, James, longcase clock with moon phase, 444V16

Blake, Maurice, V16

lecture on his clocks, 488V16

regulators, 488V16

Blaser, Jacob, night clock, 210V16

Bletsoe Church, turret clock 598V16

Blonde, ship carrying Arnold chronometer no.573 508V16

Blundell’s, file factory 244V16

Boles, David, French Clocks, lecture 489V16

Bonar, John, V16

Sun, Moon and Tidal Dial, article by Rene’ R. J. Rohr, 227V16

Sundials, article by A. R. Somerville, 233V16

Bonelli, Anthoni, clockmaker 401V16

Books, Horological, V16

Horological Books, lecture by Rita Shenton 360V16

Time for Books, article by D. M. Kirby 75V16

Borrell, Henry, singing bird automaton 178V16

Bosfield & Drack, longcase clock 422V16

Bostock, Joshua, bracket clock 593V16

Bott, clockmaker of Melbourne, Leics. 342V16

Boucheron, Pierre H., V16

Effects of the Gravitational Attractions of the Sun and Moon on the Period of a Pendulum 53V16

The Features of the Shortt clock 167V16

Shortt Clock no.41 68V16

Bouger and Camus, report on Berthoud clock 149V16

Boulton, Matthew, sidereal clock of 1772 466, 545, 572V16

Bouquet, David, horizontal table clock 385V16

Bourdien, Paris, mantel clock with bronze dog, 330V16

Bovet of Fleurier (attrib.), watch for Chinese market, 318V16

Bowell, G. B., V16
Silent Electric Clock Company 472
Synchronome switch, 470

Box, William, regulator 113
Boyd, Gavin, Mentmore sale (lecture) 597
Boyon, J. N., watch no.67, 496
B-P Patent System 467, 622

Bracket Clocks,

Absolon, London (stolen) 421
Agar, John (stolen) 421
Allam & Clements 82, 178
Anonymous astronomical at Nederhorst de Berg Castle, 271
Anonymous tortoiseshell, 445
Anonymous with plaque to Sir Henry Davidor Goldsmid (stolen) 639
Apley, Edmund 595
Asslin, London (stolen) 527
Barnett, John (stolen) 527
Barraud, London 409
Barraud, Paul, 311
Barrow, Nathaniel 376
Bird, Edward (stolen) 421
Bostock, Joshua 593
Brockbank & Atkins no.2025, 107
Burges, Bazaliel 552
Carter, John, 212
Clarke, George (stolen), 285
Clarke, George (stolen), 297
Clowes, John, 436
Cosset, Nicolas, 430
De Charmes, Simon (stolen), 529
Denton, Henry, 307
Dutton, William & Son no.353, 651
Edwards & Sons, 323
Ellicott, John, 26
Ellicott, John, Jnr. 593
Etherington, George, 196
Fatton, London. no.60 21
Fladgate, John (stolen) 527
Fromanteel, Ahasuerus, 570
Gardner, Thomas 593
Gillham, London (stolen), 285
Gould, Christopher, 454
Gould, Christopher, 542
Gowland, G. (stolen) 421
Gretton, Charles, 560
Grignon, Daniel & Thomas (stolen) 172
Grimaldi & Johnson stolen 75
Grimaldi & Johnson stolen , 285
Hadley & Moore (stolen), 421
Hamley, London 189
Hawkins, London (stolen) 528
Hearn, London, 427
Henderson, John 359
Hill, Thomas, 460
Hill, Thomas, wall-mounted, 190, 296
Hughes, Thomas 178
Jarret, Richard 178
Jones, Henry, 11
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knibb, Joseph</td>
<td>Ebonised case (stolen Ham House)</td>
<td>V16</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>Walnut case (stolen Ham House)</td>
<td>V16</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>Walnut case, skeleton chaptering</td>
<td>V16</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>With Roman striking</td>
<td>V16</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>(stolen Belgrave Hall Museum)</td>
<td>V16</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>(stolen Burford)</td>
<td>V16</td>
</tr>
<tr>
<td>Le Roy, Julien</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Lowndes, Charles</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Lowndes, Jonathan</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Lyons, Richard</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>McCabe, James</td>
<td>(stolen Bristol)</td>
<td>V16</td>
</tr>
<tr>
<td>McCabe, James</td>
<td>No.2350 (stolen)</td>
<td>V16</td>
</tr>
<tr>
<td>Massy, Jacob</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Moss, Thomas</td>
<td>No.283</td>
<td>V16</td>
</tr>
<tr>
<td>Mudge &amp; Dutton</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Naylor, John</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Norton, Eardley</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Norton, Eardley, No.1809</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Oosterwyck, Severyn</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Palmer, Thomas</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Peacock, London</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>Ebony veneered</td>
<td>V16</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>Walnut case (stolen)</td>
<td>V16</td>
</tr>
<tr>
<td>Reynolds, Francis</td>
<td>(stolen)</td>
<td>V16</td>
</tr>
<tr>
<td>Seddon, John</td>
<td>(stolen)</td>
<td>V16</td>
</tr>
<tr>
<td>Sidey, Benjamin</td>
<td>(stolen)</td>
<td>V16</td>
</tr>
<tr>
<td>Smith, Charles</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Speakman, William</td>
<td>(stolen)</td>
<td>V16</td>
</tr>
<tr>
<td>Spencer &amp; Perkins</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Taylor, John</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Taylor, Thomas</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>No.66</td>
<td>V16</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>No.77</td>
<td>V16</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>No.278</td>
<td>V16</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>(stolen and recovered)</td>
<td>V16</td>
</tr>
<tr>
<td>Tompion &amp; Banger</td>
<td>No.22</td>
<td>V16</td>
</tr>
<tr>
<td>Unite, Matthias</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Vick, Richard</td>
<td>(stolen)</td>
<td>V16</td>
</tr>
<tr>
<td>Viner, Charles Edward</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Vuliamiy, Justin</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Warren, James</td>
<td>(stolen)</td>
<td>V16</td>
</tr>
<tr>
<td>Webster, William</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Windmills, Joseph</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Windmills, Joseph</td>
<td>(stolen)</td>
<td>V16</td>
</tr>
<tr>
<td>Windmills, London, ebony veneered</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Windmills, London, facetted glass panels</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Windmills, London, silver-mounted,</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Bradford Industrial Museum, electric clocks,</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Bradford, Thomas, lantern clock,</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Bradley, Langley, turret clock (stolen)</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Bradley, T., clockcase maker</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Bramer, Willem, travelling clock,</td>
<td></td>
<td>V16</td>
</tr>
<tr>
<td>Breguet, Abraham Louis</td>
<td>Regulator no.2858</td>
<td>V16</td>
</tr>
<tr>
<td></td>
<td>Regulator no.3671</td>
<td>V16</td>
</tr>
<tr>
<td></td>
<td>Watch with automata (stolen)</td>
<td>V16</td>
</tr>
<tr>
<td></td>
<td>Watch with tourbillon</td>
<td>V16</td>
</tr>
<tr>
<td>Name</td>
<td>Reference</td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------</td>
<td></td>
</tr>
<tr>
<td>Breguet Et Fils, watch no.3270</td>
<td>287, 93, 135V16</td>
<td></td>
</tr>
<tr>
<td>Brereton, Cheshire, turret clock</td>
<td>245V16</td>
<td></td>
</tr>
<tr>
<td>Bringas, D. Manuel, clockmaker</td>
<td>275V16</td>
<td></td>
</tr>
<tr>
<td>British Watchmakers' Company</td>
<td>639V16</td>
<td></td>
</tr>
<tr>
<td>Brockbank &amp; Atkins,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>bracket clock no.2025,</td>
<td>107V16</td>
<td></td>
</tr>
<tr>
<td>mantel clock no.2200 (stolen)</td>
<td>529V16</td>
<td></td>
</tr>
<tr>
<td>Brockbank, Atkins &amp; Moore, marine chronometer no.2112,</td>
<td>25V16</td>
<td></td>
</tr>
<tr>
<td>Brocklebank, W., scratch mark</td>
<td>638V16</td>
<td></td>
</tr>
<tr>
<td>Brodie, Francis, Horological Surface Finishes</td>
<td>489V16</td>
<td></td>
</tr>
<tr>
<td>Broun, Jacobum, sun, moon and tidal dial,</td>
<td>236V16</td>
<td></td>
</tr>
<tr>
<td>Brouwer, D., moon's effects on a pendulum</td>
<td>54V16</td>
<td></td>
</tr>
<tr>
<td>Brown, E. W., moon's effects on a pendulum</td>
<td>54V16</td>
<td></td>
</tr>
<tr>
<td>Brown, R., R. &amp; W., balance makers</td>
<td>638V16</td>
<td></td>
</tr>
<tr>
<td>Brown, William, pocket chronometer no.13586</td>
<td>411V16</td>
<td></td>
</tr>
<tr>
<td>Bruguier, Charles, singing bird box no.122,</td>
<td>561V16</td>
<td></td>
</tr>
<tr>
<td>Bruyssell, van, electric master clock system</td>
<td>469V16</td>
<td></td>
</tr>
<tr>
<td>Buchanan, Archibald, observatory regulator, copy</td>
<td>489, 597V16</td>
<td></td>
</tr>
<tr>
<td>Bucknell, William, London and Australia</td>
<td>288, 423V16</td>
<td></td>
</tr>
<tr>
<td>watch no.3522</td>
<td>289V16</td>
<td></td>
</tr>
<tr>
<td>Bulle Electric Clock,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>lecture by E. L. Hanson</td>
<td>247V16</td>
<td></td>
</tr>
<tr>
<td>electric mantel clock,</td>
<td>458V16</td>
<td></td>
</tr>
<tr>
<td>electric clock no.2519 (stolen)</td>
<td>172V16</td>
<td></td>
</tr>
<tr>
<td>Burgess, Bazaiel, bracket clock</td>
<td>552V16</td>
<td></td>
</tr>
<tr>
<td>Burgess, Martin, Gurney clock,</td>
<td>572V16</td>
<td></td>
</tr>
<tr>
<td>Burnley House, exhibition of the Marquess of Exeter Collection</td>
<td>77V16</td>
<td></td>
</tr>
<tr>
<td>Burn, T. G., Roux Lench Court sale</td>
<td>376V16</td>
<td></td>
</tr>
<tr>
<td>Bury St. Edmunds, Gershom Parkington Memorial Collection, Windmills, J., longcase clock</td>
<td>577V16</td>
<td></td>
</tr>
<tr>
<td>Bywater, Boniface, clockmaker</td>
<td>38, 43V16</td>
<td></td>
</tr>
<tr>
<td>Calendar, V16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>development of, lecture by Wilbur Pritchard</td>
<td>168V16</td>
<td></td>
</tr>
<tr>
<td>Fenie, M., watch,</td>
<td>539V16</td>
<td></td>
</tr>
<tr>
<td>Moinet, Louis, watch,</td>
<td>562V16</td>
<td></td>
</tr>
<tr>
<td>Calendar, Perpetual, V16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aubert's invention</td>
<td>511V16</td>
<td></td>
</tr>
<tr>
<td>Dent, carriage clock,</td>
<td>21V16</td>
<td></td>
</tr>
<tr>
<td>Hindley, Henry, longcase clock</td>
<td>121, 484V16</td>
<td></td>
</tr>
<tr>
<td>Janiver, Antide, table regulator,</td>
<td>101V16</td>
<td></td>
</tr>
<tr>
<td>Jump, carriage clock,</td>
<td>5V16</td>
<td></td>
</tr>
<tr>
<td>Patek Philippe, pocket chronometer,</td>
<td>566V16</td>
<td></td>
</tr>
<tr>
<td>Richardson, wall clock</td>
<td>409V16</td>
<td></td>
</tr>
<tr>
<td>Camelion, ship carrying Arnold chronometer no.573</td>
<td>508V16</td>
<td></td>
</tr>
<tr>
<td>Campiche, master clock system</td>
<td>473V16</td>
<td></td>
</tr>
<tr>
<td>Campos, Dr. José Luis Basanta</td>
<td>275V16</td>
<td></td>
</tr>
<tr>
<td>Camus, Charles Etienne Louis de</td>
<td>152V16</td>
<td></td>
</tr>
<tr>
<td>Camus and Bouger</td>
<td>149V16</td>
<td></td>
</tr>
<tr>
<td>Candoglia, quarry</td>
<td>145V16</td>
<td></td>
</tr>
<tr>
<td>Cardinal, Catherine, V16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>La montre de origines au XIXe siècle (review)</td>
<td>415V16</td>
<td></td>
</tr>
<tr>
<td>Les Montres du Musée du Louvre, Tome I (review)</td>
<td>415V16</td>
<td></td>
</tr>
<tr>
<td>Watchmaking in history, art and science (review)</td>
<td>415V16</td>
<td></td>
</tr>
<tr>
<td>Carillons, in the Low Countries</td>
<td>246V16</td>
<td></td>
</tr>
<tr>
<td>Carillon Clock, V16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gillet &amp; Johnson</td>
<td>246V16</td>
<td></td>
</tr>
<tr>
<td>Mell, Davis, lantern clock,</td>
<td>603V16</td>
<td></td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Zaans Uurwerkenmuseum

Carpenter & Martin, rewind mechanism

Carriage Clocks, V16

Anonymous, 100V16
Anonymous, grande sonnerie, 646V16
Anonymous with champlévé enamel dial, 450V16
Cole, J. F., humpback type, 17V16
Dent, no.12345, 21V16
Dent, no.21574, 309V16
Frodsham, Charles, with tourbillon, 449V16
Frodsham, Charles, quarter-chiming 449V16
Frodsham, Charles, No. 2188, 459V16
Jump, London, 5V16
Jump, London (1893), 312V16
Mallet, humpback type, 541V16
Margaine, Francois-Arsene, 557V16
Roblin Sons & Nephews (stolen) 529V16
Roskell, Robert 452V16
Carter, John, bracket clock, 212V16
Cary, G. & J., globes, 635V16
Casemakers, V16

Lowther, Thomas 590V16
Richardson, Thomas 408V16
Simpson, Thomas 361V16
Thoms, Clerkenwell 413V16

Clock Case Making, lecture by Bertie McClure 489, 597, 598V16
Casson, Paul, longcase clock 385V16
Cattell, Thomas, longcase clock (stolen) 172V16

Centre Seconds, V16

Arnold, John, watch no.1, 415V16
Russell, Thomas & Son, watch, 24V16
Cerecedo, L., clockmaker 280V16
Chaise Watch, Berthoud, 299V16
Chamberlaine, William, bells 598V16
Chapeau, Peter, watch no.1190, 651V16
Chatelaines, V16

Anonymous watch, Turkish market, 534V16
Renbaung, London, 549V16
Tregent, James, 453V16
Cheltenham, Christ Church, turret clock 365V16
Chettle, W. H., longcase clock, 324V16
Childrey, St. Mary's Church, turret clock, 264V16
Chinese Market, Bovet, Fleurier, watch, 318V16
Chippendale Case Design, Hindley, Henry, longcase clock, 121V16
Chippendale, Chinese, Rayment, Thomas, longcase clock 447, 552V16
Chronograph, Hawley, John & Son, 389V16
Chronometer, History and development of the chronometer, lecture by Marvin Whitney 167V16
Chronometers, Marine, V16

Arnold, John Roger, no.471, 380V16
Arnold, John Roger, no.573, 507V16
Arnold, John Roger, no.574 507V16
Barraud, London, 201V16
Berthoud, Ferdinand 149V16
Berthoud, Ferdinand, no.1, 152V16
Berthoud, Ferdinand, no.2, 153V16
Berthoud, Ferdinand, no.3, 152, 154, 156V16
Brockbank, Atkins & Moore, no. 2112, 25V16
Davison, C. & T. 178 V16
Dent, London, no.25332, 204 V16
Fletcher, John, no.2097?, 214 V16
Frodsham, Charles, no.3600, 89 V16
Hatton, James, no.270, 308 V16
Howells, Barraud & Jamison, no.9 587 V16
Howells, Barraud & Jamison, no.14, 585, 588 V16
Howells & Pennington (for Mudge) 1795 587 V16
Kullberg, Victor, no.4 178, 380 V16
Litherland, Davies & Co., no.675/15992 411 V16
McGregor, Glasgow, no. K/2045 (stolen) 285 V16
Mercer, Thomas, no.16836 178 V16
Nardin, Ulysse, no.5303 178 V16
Pennington, Pendleton & others (for Mudge) 587 V16
Ranch, Carl, no.555 178 V16
Russell, Liverpool 380 V16
Sully, Henry 386 V16
Tobias, Morris 21 V16

Chronometers, Pocket, V16
Arnold, John, no.33/87 178 V16
Arnold, John Roger, no.1989 178 V16
Arnold, John Roger, no.2107, 211 V16
Barraud, London, no.2/626 178 V16
Barraud & Lund, no.2/847, 378 V16
Brown, William, no.13586 411 V16
Frodsham, Charles, no. AD fmsz 09765, 453 V16
Patek Philippe, 566 V16
Poole, London, no.4566 178 V16
Young, John 411 V16

Chronometers, Table, V16
Dent, no.21574, 309 V16
Mercer, Thomas, 186 V16

Clarke, George, V16
musical table clock, 114, 297 V16
bracket clock (stolen), 285 V16
lantern clock (stolen), 420 V16
Clarke, P., turret clock, 366 V16
Clarke, Samuel, clockmaker 342 V16
Clarke & Dunster, watch, 496 V16
Clay, Charles, longcase clock 552 V16
Clement, William, turret clock, 405 V16
Clerc, watch, 96 V16
Clerion, Jean Jacques, portrait of Huygens, 497 V16
Clerkenwell, AHS visit 147 V16
Clipsham Church, turret clock, 46 V16
Clock Clubs, organised by Deacon 353 V16
Clockmakers' Company see Worshipful Company Of Clockmakers V16
Clockmaking in 17th century London 602, 606 V16
Clocks. An Owner's Handbook by Richard Good (review) 633 V16
Clock-Watch see Watch V16
Cloister, electric mantel clock, 458 V16
Clough, John, longcase clock 407 V16
Clowes, John, bracket clock, 436 V16
Clutton, Cecil, Pierre Le Roy's "La Petite Ronde" 387 V16
Coat Of Arms see Armorial Devices V16
Cockney, Edward, longcase clock, 553 V16
Cogniet, Paris, bracket clock, 3 V16
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Cohen, Morris, clock wholesaler 342V16
Colbert, John Roger Arnold, marine chronometer no.573, 507V16
Cole, London, orrery 250V16
Cole, Humphrey, astrolabe 250V16
Cole, James Ferguson, humpback carriage clock, 17V16
Cole, Thomas, boudoir clocks 595V16
cole, mantel clock no.1549 409, 410V16
Colley, Richard, watch no.258 637V16
Colston, Richard, watch, 377, 378V16
Condliff, James, skeleton clock, 410V16
turret clock no.1819?, 244V16
Condliff, Thomas, turret clock, 244V16
Cooke, Thomas, observatory transit instrument 246V16
Cooke, Thomas & Son, turret clock, 245V16
Cooper, H. J., watchmaker 344V16
Cope, O & F., turret clock 245V16
Copland, John, Watches (lecture) 593V16
Corti, John, barometer (stolen) 421V16
Corts, clock suppliers 343V16
Cosimo III see Tuscany, Grand Duke Of 4V16
Cosset, Nicolas, bracket clock, 430V16
Coteau, Paris, enameller, 207, 327V16
Cotsworth, John, longcase clock 407V16
Coventry, Herbert Art Gallery And Museum, watch stolen, 285V16
Coventry Electric Clock Co., mantel clock 178V16
Cowan, James, longcase clock 593V16
Cowens, London, watch no.8323 497V16
Cox, James, (attrib.) table clock 552V16
Crabtree, G. C., The Rack Lever Watch 71V16
Crawley, Thomas 603, 604V16
Critchley, William, mantel clock 409V16
Cromwell, Oliver, watch 384V16
Cronier, Paris, mantel clock (stolen) 640V16
Crozatier Museum, Le Puy En Velay, exhibition 181V16
Cuckoo Clock, Ritchie, James 246V16
Cumming, Alexander, mantel clock 409V16
Curzon, Charles, 597V16
Custer, J. D., watch no.2 595V16
Cusworth Hall, longcase clock by Windmills 577V16

D
Dale, E. B., turret clock 365V16
Dancer, J. B., universal equatorial sundial, 413V16
Daniel, Christopher, equinoctial mean-time dial 484V16
Daniel, C. St. J. H., Sundials (review) 518V16
Daniels, G., Freemen of the Worshipful Company of Clockmakers 1631-1984 (review) 51V16
Dannison, watch no.670731 (stolen) 285V16
Darwin, George 53V16
Davies, John, Pembroke Dock, scratchmark 638V16
Davies, T. A. see Pryce & DaviesV16
Davison, C. & T., marine chronometer 178V16
Dawson, Percy O., Longcase clocks of a distinctive design 479V16
Deacon Family, article by P. A. Hewitt 255, 618V16
letter concerning 78V16
Deacon, John, V16
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Deacon, Samuel (I), V16
- accounts 355
- ancestors 256
- apprentice and journeyman 257
- apprentices 355
- clockmaker of Barton in the Beans 166, 260, 339
- childhood and early years 257
- clocks 340
- clock numbering system 618
- house and workshop, 256
- inventory of stock 354
- longcase clock no.149/100, 618
- notebooks 258, 259, 340
- portrait 255
- workshop 356

Deacon, Samuel (II), cousin of Samuel (I) 340

Deacon Thomas, clockmaker, son of Samuel Deacon 262

Deacon, Thomas, clockmaker, nephew of Samuel Deacon 262

Deacon, Thomas William, clockmaker 262

Deacon, T. & T., clockmakers 262

Deacon, William Christian 262

Deal, time ball 490

Deale, Thomas, longcase clock, 315

Dean Church, turret clock 598

Dean, N. A. C., A Breguet Puzzle 135

Debais, Pierre, frictional rest escapement 386

Debaise, Peter & Jacob, patent method of drilling rubies, etc 177

Debuisson, dial, 205

De Charmes, Simon, bracket clock (stolen), 529

Delander, Daniel, V16
- month-going equation longcase clock 552
- longcase clock, 480
- longcase clock no.15 479
- longcase clock no.17 480

Delligsen, Turret Clock Museum 336

Del Vecchio, Gian Carlo, mechanical clock for a medieval quarry 145

Dent, London, V16
- carriage clock no.12345, 21
- carriage clock no.215474, 309
- marine chronometer no.25332, 204
- watch no.32573, 510

Dent, E. L., pocket chronometer, 24

Dent, William, lantern clock (stolen), 529

Denton, Henry, boulle bracket clock, 307

Deykin, Thomas, longcase clock, 457

Dials, account from Finnemore & Sons
- account from Walker & Hughes 352
- Deacon, Samuel, longcase clocks 349
- Deacon, Samuel, musical clocks 349
- Franklin dial, longcase clock by Porthouse, 484
- restoration of painted dials 360
- six-hour, on a watch by Richard Colston, 377, 378
- silvering 349
- turret clocks 289
world time, 406V16
Disabled, clock and watch making courses 464V16
Doctor's Stop Watch, article by A. M. Baldwin 389V16
Doggett, Rachel (ed), Time: the greatest innovator (review) 521V16
Dohrn-Van Rossum, Gerhard, Regulating Working Hours and Time-keeping Devices of The Middle Ages 145V16
Dondi, Giovanni, sixth centenary of death 464V16
Dover Castle, accounts 402V16
turret clock, 404V16
Drack & Bosfield, longcase clock 422V16
Drinkwater, Innocentius, The Art of Sundial Construction (review) 73V16
Donisthorpe, Joseph, clockmaker 342V16
Donisthorpe, Richard, clockmaker 342V16
Downes, Joseph, watch movements 590V16
Droz, Jaquet, organ clock 552V16
Drury, James, longcase clock, 111V16
Du Chesne, Claude, month-going longcase clock 178V16
Duchesne, Pierre, London, clock, 361V16
Duchesne, Pierre, Paris tete a poupée table clock, 439V16
Dunham Massey, Cheshire 595V16
Dunlop, Conyers, wall clock, 18V16
Dunn, Thomas, patent watch, 593, 594V16
Dunstor see Clarke and DunstorV16
Dutarte, Juan, clock movement 275V16
Dutch Forgeries, Clockmakers' committee of 1704 573V16

Earnshaw, Thomas, watch no.4752 412V16
Earth, tides variable rotation rate 56V16
East, Edward, longcase clock, 441V16
night clock, 440V16
'puritan' watch, 453V16
table clock 271V16
table clock, horizontal 385, 523V16
East Horsley, Surrey, turret clock from St. Martin's Church 245V16
Eastwick, Thomas, longcase clock 177V16
Echaniz, Jose' Ma. de, watchmaker 279V16
Edge Hill, Liverpool, turret clock in St. Mary's Church, 244V16
Edinburgh, Royal Museum of Scotland, clocks and watches 359V16
longcase clock by Porthouse of Penrith, 483, 484V16
longcase clock by William Thompson of Whitehaven, 483V16
sun, moon and tidal dial 236V16
Edwards, Baltimore, using Tobias watches 595V16
Edwards & Sons, bracket clock, 323V16
Electric clocks, Aron's "Kippe" rewind mechanism, 470V16
Arzberenger's contact method 468V16
Bain, Alexander 467V16
Ball & Whidbourne master clock 475V16
Barr, 458V16
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

BP patent system,
Bruyssell, van
Bulle clock
Bulle clock no.2519 (stolen)
Campiche's master clock system
Carpenter & Martin rewind
Cloister,
Coventry Electric Clock Co., mantel clock
early History
electrically driven pendulum
Eureka clock no.8666 (stolen)
Fischer's 'Magneta' master clock
Froment's gravity escapement,
Garnier's master clock system
Gent master clock of 1904
Gill's regulator
Grau-Wagner master clock system
Heriotzky's master clock
Hipp, Matthias
Home transmitter
Hope, Jones & Boswell's Synchronome switch,
International Time Recording Co.
'Magneta' master clock system
mechanical master clocks
Murday's patent
National Time Recorder Co.
Palmer's master clock system,
Parsons & Ball battery winding indication
Parsons & Ball free pendulum,
Parsons & Ball master clock 1904,
Parsons & Ball 'Pulsynetic' master clock system
Parsons' patent slave dial.
Perret's self-winding system
Pond's rewind system
Pulsynetic' system
rewind mechanisms
Rossignol's rewind system.
Schweizer's mechanism
Self-Winding Clock Co.. rewind system
Shepherd. Charles
Shortt no.41
Silent Electric Clock Co.
Staveley. A. W.
Synchronome switch by Hope-Jones & Boswell.
Synchronous mains turret clock
Thombridge master clock.
Tolosano. D. Ignacio
'Tompion' transmitter
'Waiting-train' turret clocks
Webster & Williams' improved contacts
Wheatstone. Charles & Stroh. J. M. A.

Elisha, Caleb, clockmaker
Ellicott, John, Jnr., bracket clock
bracket clock, walnut,
journeyman clock,
longcase clock, burr walnut,
watch with temperature compensation
Ellis, James H., Henry Hindley of York 121^V16
Elsner, Joseph, wall regulator, 568^V16
Emery, Josiah, regulator, 319^V16
Empingham Church, clock marked I. W. 1686 47^V16
Enameller, William Mackenzie 590^V16
Engine Turning, Straight line engine turning by L. Paton 170^V16
English Clock, The Evolution of the English Clock by M. Nielson 485^V16
English Furniture and Clocks, Masterpieces of English Furniture & Clocks by R. W. Symonds, (review) 516^V16
English Pendulum Clocks, The Development of English Pendulum clocks, lecture by Beresford Hutchinson 65^V16
Engraver, Jarrett, John William 590^V16
Equation Of Time, 489^V16
Blake, Maurice, regulator
Delander, Daniel, longcase clocks 552^V16
Golay Fils & Stahl, watch no.28432, 510^V16
Janvier, Antide, table regulator, 101^V16
Lepaute, Paris, regulator, 376^V16
Mallet, humpback carriage clock, 541^V16
Robin Fils, table regulator, 205^V16
Tompion, Thomas, clock in Bath Pump Room 596^V16
Escapement, Anchor, early example on longcase clock, 465^V16
Escapement, Cross Beat, Radeloff rolling ball clock 552^V16
Escapement, Grasshopper, 13^V16
Anonymous skeleton clock 410^V16
Sutton, Robert, longcase clock 407^V16
Escapement, Gravity, 407^V16
Frodsham, Charles, regulator, 13^V16
Moore, Leeds, regulator 407^V16
Escauriaza, Marcelino, clockmaker 279^V16
Etherington, George, bracket clock, 196^V16
Eureka Clock no.8666 (stolen) 172^V16
Evans, Handsworth, two skeleton clocks, 213^V16
Evirett, J. P., water clock 268^V16
Exhibitions, 480^V16
British Watch and Clockmaking 224^V16
British Clockmakers' Heritage, 77^V16
Burghley House Collection of the Marquess of Exeter 77^V16
Le Puy en Velay. Four Centuries of Weight Driven Clocks 181^V16
London, Great Exhibition, 1851 472^V16
Salisbury Museum, Exhibition of works of Local Makers 77^V16
Spring Driven Clocks of the Seventeenth Century 250^V16
Three Hundred Years of Fine English Clock and Watchmaking, Prescot Museum 77, 406^V16
Vitoria in 1867 275^V16
F
Facio, Nicholas 173^V16
Fairfax House, York, horological collection 632^V16
Falling Ball Clock, anonymous, 23^V16
Family Trees, 506^V16
Greswold
Howell 591^V16
Weld 506^V16
Windmills 584^V16
Fatton. 'Eleve de Breguet'. bracket clock no.60 21^V16
Faulkner, William, watchcase polisher and shagreen case maker 590^V16
Felmersham, Bedfordshire, church clock 598^V16
Fenie, M., calendar watch, 539^V16
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Ferguson, James, designs star plate for Boulton, 545

Ferna, Sweden, forge making for export 263

stamp mark of iron forge 263

Fernandez, M. P. & P.C., Davis Mell, Musician and Clockmaker 602

Femley Observatory, Liverpool 246

Files and Filemaking,

Blundell's Factory, Prescot 244

Files and Filemaking, lecture by Jim Nicholson 595

Finch, Valerie see Penney & Finch

Finnemore & Sons, dial makers 352

Finney, Liverpool, astronomical longcase clock 552

Fiorimi, Carlo Mario, table clock, 14

Firebrand, ship carrying Arnold chronometer no.573 508

Fischer, Martin, Magneta master clock system 469

Flaggate, John, bracket clock (stolen) 527

Flail locking clocks, lecture by Ken Shrimpton 598

Fletcher, John, marine chronometer no.2097?, 215

Floral Cuckoo Clock, Ritchie, J. 245

Folger Shakespeare Library, horological exhibition 599

Foulkes, Robert, bequest 337

obituary 27, 120

Four Glass Clocks, Anonymous French (stolen), 420

Anonymous French with perpetual calendar (stolen) 527

Frodsham, London (stolen) 75

Franklin Clock, Porthouse, Penrith, 483, 484

Tompson, William, 483

Free Pendulum, Parsons & Ball 1907, 478

French Clocks, lecture by David Boles 489

French, London, ormolu mantel clock, 456

satinwood mantel clock, 558

French, R. V., mantel clock (stolen) 529

Friesland Clock, anonymous (stolen) 421

Frodsham, Charles,
carriage clock no.2188, 459

carriage clock, quarter-chiming 449

carriage clock with tourbillon, 449

marine chronometer no.3600, 89

micrometer chronograph no.09973 109

pocket chronometer no. AD fmsz 09765 453

skeleton clock no.885 138

split second chronograph, 24

wall regulator with gravity escapemen 13

Frodsham, Ches, Paris, bracket clock 182

Frodsham, Gracechurch St., four glass timepiece (stolen) 75

longcase clock 177

Fromanteel, Ahasuerus, bracket clock, 570

Fromanteel, London, horizontal table clock 385

night clock 271

Fromanteel & East, horizontal table clock 385

Froment, electrically reset gravity escapement, 472
<table>
<thead>
<tr>
<th>Name</th>
<th>Volume</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gadesby, Thomas</td>
<td>10-19</td>
<td>355, 356</td>
</tr>
<tr>
<td>Ganthony, London</td>
<td>10-19</td>
<td>110</td>
</tr>
<tr>
<td>Garcia-Diego, Jose A.</td>
<td>10-19</td>
<td>519</td>
</tr>
<tr>
<td>Gardiner, Thomas</td>
<td>10-19</td>
<td>593</td>
</tr>
<tr>
<td>Garnier, Paul</td>
<td>10-19</td>
<td>V16</td>
</tr>
<tr>
<td>master clock system</td>
<td>10-19</td>
<td>468</td>
</tr>
<tr>
<td>turret clock</td>
<td>10-19</td>
<td>368</td>
</tr>
<tr>
<td>Gaskell, Knutsford</td>
<td>10-19</td>
<td>186</td>
</tr>
<tr>
<td>Gazeley, W. J.</td>
<td>10-19</td>
<td>412</td>
</tr>
<tr>
<td>Gent, Eric</td>
<td>10-19</td>
<td>595</td>
</tr>
<tr>
<td>Gent, John Thomas</td>
<td>10-19</td>
<td>474</td>
</tr>
<tr>
<td>Gent &amp; Co. Ltd.</td>
<td>10-19</td>
<td>V16</td>
</tr>
<tr>
<td>Gilder, of watches</td>
<td>10-19</td>
<td>590</td>
</tr>
<tr>
<td>Gill, Sir David</td>
<td>10-19</td>
<td>473</td>
</tr>
<tr>
<td>Gillett &amp; Bland</td>
<td>10-19</td>
<td>V16</td>
</tr>
<tr>
<td>in Manchester Town Hall</td>
<td>251</td>
<td></td>
</tr>
<tr>
<td>Gorst, William</td>
<td>10-19</td>
<td>484</td>
</tr>
<tr>
<td>Goddard, Luther</td>
<td>10-19</td>
<td>595</td>
</tr>
<tr>
<td>Golay Fils &amp; Stahl</td>
<td>10-19</td>
<td>510</td>
</tr>
<tr>
<td>Goldsmiths' Hall</td>
<td>10-19</td>
<td>224</td>
</tr>
<tr>
<td>Good, Richard</td>
<td>10-19</td>
<td>V16</td>
</tr>
<tr>
<td>A Horizontal Table Clock by Robert Grinkin</td>
<td>10-19</td>
<td>381</td>
</tr>
<tr>
<td>Goode, Charles</td>
<td>10-19</td>
<td>177</td>
</tr>
<tr>
<td>Goosens &amp; Smolders,</td>
<td>10-19</td>
<td>273</td>
</tr>
<tr>
<td>Gossage, William</td>
<td>10-19</td>
<td>484</td>
</tr>
<tr>
<td>Gould, Christopher</td>
<td>10-19</td>
<td>454</td>
</tr>
<tr>
<td>Gowland, G.</td>
<td>10-19</td>
<td>421</td>
</tr>
<tr>
<td>Graham, George</td>
<td>10-19</td>
<td>V16</td>
</tr>
<tr>
<td>a clock numbering</td>
<td>10-19</td>
<td>417</td>
</tr>
<tr>
<td>clocks at Dunham Massey</td>
<td></td>
<td></td>
</tr>
<tr>
<td>key from longcase</td>
<td>10-19</td>
<td>565</td>
</tr>
<tr>
<td>longcase clock</td>
<td>10-19</td>
<td>652</td>
</tr>
<tr>
<td>longcase clock</td>
<td>10-19</td>
<td>565</td>
</tr>
<tr>
<td>anonymous carriage</td>
<td>10-19</td>
<td>646</td>
</tr>
<tr>
<td>Dent, London</td>
<td>10-19</td>
<td>21</td>
</tr>
<tr>
<td>Frodsham, Charles</td>
<td>10-19</td>
<td>449</td>
</tr>
<tr>
<td>Gould, Christopher</td>
<td>10-19</td>
<td>542</td>
</tr>
<tr>
<td>Hughes, Thomas</td>
<td>10-19</td>
<td>178</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Liszt, Anton, Vienna regulator, 94\textsuperscript{V16}
Mallet, London, humpback carriage clock, ill. 541\textsuperscript{V16}
Markwick, James, longcase clock 407\textsuperscript{V16}
Patek Philippe, watch, 96\textsuperscript{V16}
Tompion, Thomas, bracket clock no.278 178, 179, 202, 372, 374\textsuperscript{V16}
Tompion, Thomas, miniature travelling clock, 118\textsuperscript{V16}

Graubner, London see Renbaurg\textsuperscript{V16}

Grout, William, \textsuperscript{V16}

Grignon, Daniel & Thomas, bracket clock (stolen) 172\textsuperscript{V16}
Grimaldi & Johnson, bracket clock (stolen) 75, 285\textsuperscript{V16}

Grimthorpe, Lord, comments on Shepherd's Great Exhibition clock 472\textsuperscript{V16}

Grinkin, Robert, Jnr. horizontal table clock with alarm 385, 381\textsuperscript{V16}
watch belonging to Oliver Cromwell 384\textsuperscript{V16}

H

Haarlem, Teylers Museum portrait medallion of Christiaan Huygens, 497\textsuperscript{V16}
Hadden, Stephen, clockmaker 343\textsuperscript{V16}
Hadley & Moore, bracket clock, (stolen), 421\textsuperscript{V16}
Hagen, M. J. see Van Cittert-Eymers\textsuperscript{V16}
Hague, turret clock from Jacobs tower 269\textsuperscript{V16}
Haley, Mr., on select committee on Mudge's petition 586\textsuperscript{V16}
Haley & Milner, London, watch no.2751 411\textsuperscript{V16}
Halifax, G., longcase clock (stolen) 640\textsuperscript{V16}
Hallam, Lutterworth, clockmaker 345\textsuperscript{V16}
Halsall, Liverpool, carillon in St. Cuthbert's Church 246\textsuperscript{V16}
turret clock in St. Cuthbert's Church 246\textsuperscript{V16}
Ham House, theft of clocks 421\textsuperscript{V16}
Hamilton, stop mechanism for watches 390\textsuperscript{V16}
Hamilton, John, musical longcase clock 360\textsuperscript{V16}
Hamley, London, bracket timepiece, 189\textsuperscript{V16}
Hampson & Thelwell, rack lever watch no.720 71\textsuperscript{V16}
Hands, Watch, supplier/maker, George Johnson 590\textsuperscript{V16}
Hanny, J., wallclock with detent escapement, 409\textsuperscript{V16}
Hanson, E. L., Bulle electric clocks, lecture 247\textsuperscript{V16}
Harbert, Cornelius, apprentice to Davis Mell 605\textsuperscript{V16}
Hargrave Church, turret clock 598\textsuperscript{V16}
Harper, Henry, calendar watch, 541\textsuperscript{V16}
watch, 495\textsuperscript{V16}
Harris, G., Pembroke Dock, watchmaker 638\textsuperscript{V16}
Harrison, John, influence on Berthoud 149\textsuperscript{V16}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Q factor measured on his pendula 132\textsuperscript{V16}
watch to his design by Jeffries 159, 157\textsuperscript{V16}

Hartnup Balance,\textsuperscript{V16} on Dent chronometer no.25332, 204\textsuperscript{V16}
on Kullberg marine chronometer 380\textsuperscript{V16}
Hatton, James, marine chronometer no.270, 308\textsuperscript{V16}
Hawkins, London, bracket clock (stolen) 528\textsuperscript{V16}
Hawley, John & Son, centre seconds chronograph no.83802, 389\textsuperscript{V16}
Hayden, S., clockmaker, London and Boston, U.S.A. 491\textsuperscript{V16}
Heafield, Packington, clockmaker 342\textsuperscript{V16}
Heap, Charles, watchmaker 288\textsuperscript{V16}
Hearn, London, bracket clock with alarm, 427\textsuperscript{V16}
Hedge, Nathaniel, clockmaker 638\textsuperscript{V16}
Henderson, John, bracket clock 359\textsuperscript{V16}
Hermelink, Jan, longcase clock 269\textsuperscript{V16}
Heriotizky. Gustav Maximillian, electric master clock 473\textsuperscript{V16}
Heseketh Park, Southport, floral cuckoo clock 245\textsuperscript{V16}
Hewitt, P. A.,\textsuperscript{V16} The Deacon Family of Leicestershire, Clockmakers 255, 339, 618\textsuperscript{V16}
Clockmaking in Leicester 166\textsuperscript{V16}
Hill, Thomas, bracket clock, 190\textsuperscript{V16}
bracket clock, 460\textsuperscript{V16}
bracket clock, wall mounted, 296\textsuperscript{V16}
Hindley, Henry,\textsuperscript{V16} article by James H. Ellis 121\textsuperscript{V16}
longcase clock, year-going with perpetual calendar, 121\textsuperscript{V16}
longcase clock movement 484\textsuperscript{V16}
John Smith apprenticed to 373\textsuperscript{V16}
Hipp, Matthaus,\textsuperscript{V16} electric master clock system 468\textsuperscript{V16}
electro-mechanically driven pendulum 471\textsuperscript{V16}
Hobden, M. K., The Limiting Stability of Pendulums 132\textsuperscript{V16}
Hoevenaer, Anthonius, longcase clock 273\textsuperscript{V16}
Holmes, Mr., select committee to review Mudge's petition 586\textsuperscript{V16}
Holmes, John, longcase clock with calendar and strike silent, 116\textsuperscript{V16}
Home Transmitter, Pulsynetic master clock 622\textsuperscript{V16}
Homet, Jean-Marie, Les Cadrans Solaires (review) 74\textsuperscript{V16}
Hoogendyk, Steven, repeating watch 494\textsuperscript{V16}
Hope, Thomas, furniture designer and owner of Vulliamy regulator no.441, 550\textsuperscript{V16}
Hope-Jones, Frank, patent for electrically reset gravity escapement 477\textsuperscript{V16}
Hope-Jones & Bowell, George Bennett, Synchronome switch, 470\textsuperscript{V16}
Hope-Jones & Cunynghame, master clock of 1907 478\textsuperscript{V16}
Hornby Collection, horizontal table clock by Edward East 385\textsuperscript{V16}
Hornby, Richard 287\textsuperscript{V16}
Horological Conservation and Restoration, lecture by Eric Gent 595\textsuperscript{V16}
Horological illustration, lecture by David Penney 597\textsuperscript{V16}
Horological Journal (review) 525\textsuperscript{V16}
Houriet, thermometer 497\textsuperscript{V16}
Howard, Davis & Dennison, watch no.1 595\textsuperscript{V16}
Howells, William Henry,\textsuperscript{V16} apprenticed to his father, William 585\textsuperscript{V16}
Howells, William,\textsuperscript{V16} article by David Penney and Valerie Finch 585\textsuperscript{V16}
escapement design, 586\textsuperscript{V16}
escapement drawings 588\textsuperscript{V16}
model of his own escapement 586\textsuperscript{V16}
model of Mudge's constant force escapement, 586\textsuperscript{V16}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Howells & Pennington, timekeeper of 1795 587^V16
Howells, Barraud, V16
   Jamison, marine timekeeper no.9 587^V16
   marine timekeeper no.14, 585^V16
Hughes, Thomas, bracket clock with grande sonnerie 178^V16
Humphrey, John, goldsmith 503^V16
Hunt, John, clock dial, 334^V16
Huntsman, Benjamin, crucible steel 596^V16
Hurlow, T. L., scratched on watch 638^V16
Hutchinson, Beresford, V16
   brief biography, 482^V16
   The Development of the English Pendulum Clock 65, 248^V16
Huygens, Christiana, V16
   pendulum clock by Jan Van Call, 225^V16
   portrait medallion by Clerion, 497^V16
Hygrometer, humpback carriage clock by Mallet, V16
I
Ibarra, Martin, clockmaker 277^V16
Iden Collection, V16
   bracket clock by Thomas Taylor, 375^V16
   longcase clock by John Ellicott Jnr. 481^V16
Ilbert Collection, watch no.417 by Ferdinand Berthoud, 158-165^V16
International Time Recording Co., electric master clock system 468^V16
Inventories, V16
   Deacon, Samuel, stock 354^V16
   Howells, William, goods, chattels and credits 589^V16
   Ireland, longcase clocks 635^V16
Iron Acton Court, polyhedral sundial 139^V16
Ironbridge Museum, clock shop 338^V16
Irving, P., The Restoration of the Exchange Station Clock, Liverpool 251^V16
Isasmendi, Candido de, clockmaker 280^V16
I. W., turret clockmaker 28^V16
Izaguirre, Jose' de, clockmaker 280^V16
J
Jackson, Liverpool, regulator, 321^V16
Jaeger Le Coultre, pair of pave set diamond cased watches, 548^V16
James & Noble, longcase clock 593^V16
James, Edward, sale of collection, 89^V16
James, Kenneth, V16
   addendum to article on Kater's escapement 71^V16
   obituary 487^V16
Jamison, George, V16
   partnership with William Howells 586^V16
   stamp, 588^V16
Janvier, Antide, V16
   mantel regulator (1819) 87^V16
   mantel regulator no.4/1831 20, 112, 214^V16
   table regulator (1821) 101^V16
Japanese Clock, by Okidokei, 460^V16
Jappened Case, table clock by Geo. Clarke, . 114^V16
Jacques, William, watchcase maker 578^V16
Jardaine, William, longcase clock, 316^V16
Jardin, John, dial clock, 533^V16
Jarrett, Richard, bracket clock 178^V16
Jarrett, John William, watch engraver 590^V16
Jeffrey, Sir Harold, effects of sun and moon on pendulum 53^V16
Jeffries, John, watch made to Harrisson's design, 157, 159^V16
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jerome, Chauncey</td>
<td>book by C. H. Bailey</td>
<td>232</td>
</tr>
<tr>
<td>Jessner, Joseph</td>
<td>year-going regulator</td>
<td>546</td>
</tr>
<tr>
<td>Jewell Holes,</td>
<td>article by G. Ahrens</td>
<td>173</td>
</tr>
<tr>
<td>Jeweller, watches</td>
<td>Wilcox</td>
<td>287</td>
</tr>
<tr>
<td>Johnson, George</td>
<td>watch hand maker and supplier</td>
<td>590</td>
</tr>
<tr>
<td>Johnson, John</td>
<td>clockmaker</td>
<td>504</td>
</tr>
<tr>
<td>Johnson, John &amp; Co.</td>
<td>Prescott, turret clock</td>
<td>244</td>
</tr>
<tr>
<td>Johnson, Joseph</td>
<td>watch no.2186</td>
<td>594</td>
</tr>
<tr>
<td>Jolly, Gaston</td>
<td>automaton table clock</td>
<td>199</td>
</tr>
<tr>
<td>Jones, Henry</td>
<td>bracket clock with calendar</td>
<td>11</td>
</tr>
<tr>
<td>Joyce, Whitchurch</td>
<td>turret clock in Shanghai</td>
<td>368</td>
</tr>
<tr>
<td>Joyce, Whitchurch</td>
<td>wall-mounted regulator</td>
<td>408</td>
</tr>
<tr>
<td>Jump, London</td>
<td>humpback carriage clock no.1893</td>
<td>312</td>
</tr>
<tr>
<td>Jump, Richard &amp; Joseph</td>
<td>mantel clock in balloon case</td>
<td>106</td>
</tr>
<tr>
<td>Jurgensen, Jules</td>
<td>minute repeating split second chronograph</td>
<td>24</td>
</tr>
<tr>
<td>J. W.</td>
<td>stamp on pillar plate</td>
<td>637</td>
</tr>
<tr>
<td>Kahlert, Helmut</td>
<td>Grossuhren (review)</td>
<td>284</td>
</tr>
<tr>
<td>Karrusel, Russell</td>
<td>centre seconds watch</td>
<td>24</td>
</tr>
<tr>
<td>Kelleinberger Collection</td>
<td>Winterthur, watch by J. Markwick</td>
<td>177</td>
</tr>
<tr>
<td>Kenmure Castle</td>
<td>sundial by John Bonar</td>
<td>234</td>
</tr>
<tr>
<td>Kent</td>
<td>ship carrying Arnold chronometer no.573</td>
<td>508</td>
</tr>
<tr>
<td>Kenwood House</td>
<td>exhibits Merlin skeleton clock</td>
<td>181</td>
</tr>
<tr>
<td>Key</td>
<td>from George Graham's longcase clock no.655</td>
<td>565</td>
</tr>
<tr>
<td>Kinable, Paris</td>
<td>mantel clock (stolen)</td>
<td>528</td>
</tr>
<tr>
<td>Kingston Lacey</td>
<td></td>
<td>595</td>
</tr>
<tr>
<td>Kipling, William</td>
<td>miniature wall clock (stolen)</td>
<td>421</td>
</tr>
<tr>
<td>Kippe</td>
<td>electric rewind mechanism by Aron</td>
<td>470</td>
</tr>
<tr>
<td>Kirby, D. M.</td>
<td>Time for Books</td>
<td>75</td>
</tr>
<tr>
<td>Kirkall, Thomas</td>
<td>turret clock</td>
<td>245</td>
</tr>
<tr>
<td>Kirkcudbright Museum</td>
<td>sun, moon and tidal dial by Jacobum Broun</td>
<td>233</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>ebonised bracket clock (stolen)</td>
<td>421</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>bracket clock, ebonised (stolen)</td>
<td>528</td>
</tr>
<tr>
<td></td>
<td>bracket clock, ebony veneered (stolen)</td>
<td>640</td>
</tr>
<tr>
<td></td>
<td>bracket clock, Roman striking</td>
<td>485</td>
</tr>
<tr>
<td></td>
<td>bracket clock, walnut</td>
<td>372</td>
</tr>
<tr>
<td></td>
<td>bracket clock, walnut (stolen)</td>
<td>421</td>
</tr>
<tr>
<td></td>
<td>longcase clock with early anchor escapement</td>
<td>449</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

longcase clocks, matching pair 249
longcase clocks at Ham House 361
night clock 359
wall clock with hood 250

Knifton, Thomas, lantern clock (stolen), 421
Kochmann, Karl, European Industrialised Clockmaking (review) 73
Koehn, Ed., watch with minute repeat, 24
Kratzer, Nicholas 140
Kroese, J. P., watch 497
Kullberg, Victor, marine chronometer no.4 178, 380
note to Charles Curzon, 597

L
La Chaux De Fonds, International Museum of Horology
Arnold, John, watch no.1, 415
Graham, George, watch no.5813, 417
Masterpieces in 415
Vallin, Nicholas, table clock 385

Lange & Söhne, A., watch no.31471, 194

Lantern Clocks,
Anonymous, with wrought iron trains 408
Bradford, Thomas, 538
Clarke, George (stolen), 420
Dent, William, 529
Knifton, Thomas (stolen), 421
Lee, Roger 408
Markwick Markham, 535
Markwick Markham, 645
Mell, Davis, 602
Mell, Davis, with carillon, 603
Mills, Humphrey 359
Savage, Richard 300
Snow, John, 88
Wawne, John, 647
Windmills, Joseph, 580

Latter, Andrew, longcase clock (stolen) 75
Lauriston Castle, Edinburgh, clocks at 592
Law, Rodney, Clockmaking Tools (lecture) 483
Horology Under The Hammer 372

Lawrie, Archibald, longcase clock, 648
Lawson John, longcase clock, 291

Lectures,
Bartky, Dr. Ian Telling Time with Time Balls 167
Betts, Jonathan, The National Trust's Clocks 595
Bird, D. J., The Pulsynetic System 363
Boles, David, French Clocks 489
Boucheron, Pierre The Features of the Shortt Clock 167
Boucheron, Pierre, Shortt Clock no.41 69
Boyd, Gavin, The Mentmore Sale 597
Brodie, Francis, Horological Surface Finishes 489
Copland, John, Watches 593
Gamier, Richard, Thomas Tompion And His Clocks 596
Gent, Eric, Horological Conservation and Restoration 595
Hanson, E. L., The Bulle Electric Clock 247
Hewitt, P. A., Clockmaking in Leicester 166
Hutchinson, Beresford, The Development of the English Pendulum Clock 65, 248
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irving, P.</td>
<td>Restoration of the Exchange Station Clock, Liverpool</td>
<td>251</td>
</tr>
<tr>
<td>Law, Rodney</td>
<td>Clockmaking Tools</td>
<td>483</td>
</tr>
<tr>
<td>McClure, B.</td>
<td>Clock Case Making</td>
<td>597, 598</td>
</tr>
<tr>
<td>McKay, C.</td>
<td>Turret Clock Escapements and Remontoires</td>
<td>69, 362</td>
</tr>
<tr>
<td>Medlam, Sarah</td>
<td>French Clocks</td>
<td>248</td>
</tr>
<tr>
<td>Neale, J. A.</td>
<td>Joseph And Thomas Windmills</td>
<td>487</td>
</tr>
<tr>
<td>Nielson, Meyrick, Brig.</td>
<td>The Evolution of the English Clock</td>
<td>485</td>
</tr>
<tr>
<td>Nicholson, J.</td>
<td>Files and Filemaking</td>
<td>595</td>
</tr>
<tr>
<td>Oxley, G.</td>
<td>Williamson's Equation Work</td>
<td>66</td>
</tr>
<tr>
<td>Penney, David</td>
<td>Straight-Line Engine Turning</td>
<td>170</td>
</tr>
<tr>
<td>Pritchard, Wilbur</td>
<td>The Development of the Calendar</td>
<td>168</td>
</tr>
<tr>
<td>Randall, Anthony</td>
<td>Ferdinand Berthoud</td>
<td>169</td>
</tr>
<tr>
<td>Redfern, John</td>
<td>Restoration of a Chronometer Watch</td>
<td>248</td>
</tr>
<tr>
<td>Robinson, Tom</td>
<td>30-Hour Long-case Clocks</td>
<td>65, 248, 361</td>
</tr>
<tr>
<td>Rose, Ronald</td>
<td>Wall Clocks</td>
<td>595</td>
</tr>
<tr>
<td>Shrimpton, Kenneth</td>
<td>Flail Locking Clocks</td>
<td>598</td>
</tr>
<tr>
<td>Smith, Alan</td>
<td>Sundials</td>
<td>484</td>
</tr>
<tr>
<td>Smith, F., and Oxley G.</td>
<td>Williamson's Equation Work</td>
<td>66</td>
</tr>
<tr>
<td>Somerville, Dr. A.</td>
<td>Sundials of Scotland</td>
<td>148</td>
</tr>
<tr>
<td>Stuart, Susan</td>
<td>Gillows of Lancaster</td>
<td>171</td>
</tr>
<tr>
<td>Tennant, Margaret</td>
<td>Painted Dials and their Restoration</td>
<td>360</td>
</tr>
<tr>
<td>Treherne, Alan</td>
<td>English Influence on American Watch Manufacture</td>
<td>594</td>
</tr>
<tr>
<td>Tyler, E. J.</td>
<td>Turret Clocks in the Low Countries</td>
<td>246</td>
</tr>
<tr>
<td>Vaughan, Dr. D.</td>
<td>Charles Shepherd's Electric Clocks</td>
<td>66</td>
</tr>
<tr>
<td>Waterman, Christine</td>
<td>The Deal Time Ball</td>
<td>490</td>
</tr>
<tr>
<td>Watson, Eric</td>
<td>Orreries</td>
<td>361</td>
</tr>
<tr>
<td>Whatmooor, Philip</td>
<td>Turret Clocks in Shanghai</td>
<td>367</td>
</tr>
<tr>
<td>Whitney, Marvin</td>
<td>The History and Development of the Chronometer</td>
<td>167</td>
</tr>
<tr>
<td>Wilson, Michael</td>
<td>Watches Re-Born</td>
<td>360</td>
</tr>
<tr>
<td>Winkler, Dr. Gernot</td>
<td>Atomic Time and Atomic Clocks</td>
<td>168</td>
</tr>
<tr>
<td>Lee, M. J.</td>
<td>Who Was L W.?</td>
<td>28</td>
</tr>
<tr>
<td>Lee, Roger</td>
<td>lantern clock</td>
<td>408</td>
</tr>
<tr>
<td>Lefevre of Paris</td>
<td>mantel clock with orrery</td>
<td>552</td>
</tr>
<tr>
<td>Legh, Sir Francis Bequest</td>
<td>of clocks to Lyme Park</td>
<td>595</td>
</tr>
<tr>
<td>Leicester, Belgrave Hall Museum</td>
<td>Knibb bracket clock (stolen)</td>
<td>640</td>
</tr>
<tr>
<td>Leicester, Clockmaking</td>
<td>in Leicester by P. A. Hewitt</td>
<td>166</td>
</tr>
<tr>
<td>Leicester Museum</td>
<td>Samuel Deacon's Workshop</td>
<td>255</td>
</tr>
<tr>
<td>Leicester, Narrow Houses, turret clock by Deacon</td>
<td>344</td>
<td></td>
</tr>
<tr>
<td>Leicestershire Society of Clock and Watchmakers</td>
<td>349</td>
<td></td>
</tr>
<tr>
<td>Leicestershire Records Office, Samuel Deacon's records</td>
<td>255</td>
<td></td>
</tr>
<tr>
<td>Lemaindre of Blois</td>
<td>watch,</td>
<td>540</td>
</tr>
<tr>
<td>Lepaute of Paris</td>
<td>Equation regulator</td>
<td>376</td>
</tr>
<tr>
<td>Lepine, Jean-Antoine</td>
<td>table regulator no.4410</td>
<td>322</td>
</tr>
<tr>
<td>Le Puy En Velay</td>
<td>Museum, Four Centuries of Weight Driven Clocks</td>
<td>181</td>
</tr>
<tr>
<td>Leroux, John</td>
<td>clock</td>
<td>638</td>
</tr>
<tr>
<td>Le Roy,</td>
<td>watch with solar indications</td>
<td>510</td>
</tr>
<tr>
<td>Le Roy, Juliem</td>
<td>musical bracket clock</td>
<td>437</td>
</tr>
<tr>
<td>Le Roy, Pierre</td>
<td>La Petite Ronde, by Cecil Clutton</td>
<td>386</td>
</tr>
<tr>
<td>Lerwick, William</td>
<td>watchmaker</td>
<td>344</td>
</tr>
<tr>
<td>Letcombe Regis</td>
<td>St. Andrew's church turret clock,</td>
<td>265</td>
</tr>
<tr>
<td>Liechti of Winterthur,</td>
<td>wall clock</td>
<td>273</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Lion Clock, anonymous, 304\textsuperscript{v16}

Lister, Thomas, long-case clock, 406\textsuperscript{v16}

Liszt, Anton, Vienna regulator, 94\textsuperscript{v16}

Litherland Davies & Co., marine chronometer no.675/15992, 411\textsuperscript{v16}

Liverpool, Central Station turret clock 245\textsuperscript{v16}

Liverpool Museum, turret clock from Brereton, Cheshire 245\textsuperscript{v16}

Liverpool Windows, 412\textsuperscript{v16}

Livery Companies, Clockmakers in 612\textsuperscript{v16}

Lizard, HMS, 639\textsuperscript{v16}

Loan Watches, of R. Beck, 287\textsuperscript{v16}

London, British Museum, Berthoud's astronomical watch no.1, 158-165\textsuperscript{v16}

London, Buckingham Palace, A-L Breguet regulator no.3671, 488\textsuperscript{v16}

London, Clockmakers' Company Henry Archer table clock 385\textsuperscript{v16}

London, Guildhall Library, William Howells' escapement drawings 588\textsuperscript{v16}

London, National Maritime Museum, Christopher Daniel's equinoctial dial 484\textsuperscript{v16}

London, Science Museum, Bouquet, David, horizontal table clock 385\textsuperscript{v16}

London, Victoria And Albert Museum, horizontal table clock by David Ramsay 385\textsuperscript{v16}

Longcase Clocks, Aish of Sherbourne 332\textsuperscript{v16}

Anonymous, Westminster/Whittington chime 177\textsuperscript{v16}

Appleford, E., 81\textsuperscript{v16}

Apps, Robert 361\textsuperscript{v16}

Aylward of Guildford (stolen), 639\textsuperscript{v16}

Barber, Jonas, no.1124 186\textsuperscript{v16}

Barker, William 407\textsuperscript{v16}

Barwise of London, 321\textsuperscript{v16}

Blackborow, James, 444\textsuperscript{v16}

Cattel, Thomas (stolen), 172\textsuperscript{v16}

Chettle, W. H., 324\textsuperscript{v16}
Clay, Charles 552V16
Clough, John 407V16
Cockey, Edward, 553V16
Cotsworth, John 407V16
Cowan, James 593V16
Deacon, Samuel, 350V16
Deacon, Samuel, no.100/149, 618V16
Deale, Thomas, 315V16
Delander, Daniel, 480V16
Delander, Daniel, month-going, equation 552V16
Delander, Daniel, no. 15, 479V16
Delander, Daniel, no. 17, 480V16
Deykin, Thomas, 457V16
Drack & Bosfield 422V16
Drury, James, 111V16
Duchesne, Claude 178V16
Dutton, Matthew & Thomas, 99V16
East, Edward, 441V16
Eastwick, Thomas 177V16
Ellicott, John, Jnr., 481V16
Finney of Liverpool 552V16
Frodsham of London 177V16
Gaskell of Knutsford 186V16
Graham, George, no.651, 652V16
Graham, George, no.655, 554V16
Graham, George, no.699, 443V16
Gregg, Francis 481V16
Halifax, G. (stolen) 640V16
Hamilton, John 360V16
Hermink, Jan 269V16
Hindley, Henry 484V16
Hindley, Henry, year-going, 121V16
Hoevenaer, Anthonius 273V16
Holmes, John, 116V16
James & Noble 593V16
Jardaine, William, 316V16
Knibb, John, 486V16
Knibb, Joseph, architectural, 449, 465V16
Knibb, Joseph, from Ham House 361V16
Knibb, Joseph, a matching pair 249V16
Knibb, Joseph, with Roman striking 75V16
Latter, Andrew (stolen) 75V16
Lawne, Archibald, 648V16
Lawson, John, 291V16
Lister, Thomas, 406V16
Lowndes, Jonathan, 455V16
Markwick, James 407V16
Massey, Edmund, 563V16
McDonald, Duncan, 536V16
Nickals, Isac (stolen) 640V16
Norton, Eardley, 448V16
Owen, Watkin 186V16
Pinchbeck, Christopher, 12V16
Porthouse of Penrith (Franklin dial), 483, 484V16
Quare, Daniel, walnut 178V16
Quare, Daniel, walnut 407V16
Rayment of Stamford, 447, 552V16
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reed, William</td>
<td>177V16</td>
</tr>
<tr>
<td>Roberts, John (stolen)</td>
<td>528V16</td>
</tr>
<tr>
<td>Roumieu, Paul Jnr.</td>
<td>359V16</td>
</tr>
<tr>
<td>Scott, John</td>
<td>359V16</td>
</tr>
<tr>
<td>Snow, Richard</td>
<td>361V16</td>
</tr>
<tr>
<td>Sutton, Robert</td>
<td>407V16</td>
</tr>
<tr>
<td>Taylor, John</td>
<td>448V16</td>
</tr>
<tr>
<td>Thompson, Joseph</td>
<td>325V16</td>
</tr>
<tr>
<td>Tompion, Thomas (Bath Pump Room)</td>
<td>596V16</td>
</tr>
<tr>
<td>Tompion, Thomas, marquetry</td>
<td>596V16</td>
</tr>
<tr>
<td>Tompion, Thomas, no.242</td>
<td>376V16</td>
</tr>
<tr>
<td>Tompion, Thomas, no.358</td>
<td>596V16</td>
</tr>
<tr>
<td>Tompion, Thomas, olive wood,</td>
<td>570V16</td>
</tr>
<tr>
<td>Tompion, Thomas, month-going, parquetry,</td>
<td>486V16</td>
</tr>
<tr>
<td>Tompion , Thomas, month-going,</td>
<td>544V16</td>
</tr>
<tr>
<td>Tompion, Thomas, Queen Victoria's</td>
<td>485V16</td>
</tr>
<tr>
<td>Tompion, Thomas, month-going, walnut,</td>
<td>301, 433, 462V16</td>
</tr>
<tr>
<td>Tompson, William</td>
<td>483V16</td>
</tr>
<tr>
<td>Vulliamy, Benjamin Lewis, no.441,</td>
<td>550V16</td>
</tr>
<tr>
<td>Vulliamy, Justin</td>
<td>104V16</td>
</tr>
<tr>
<td>Warren, William</td>
<td>221V16</td>
</tr>
<tr>
<td>Webb &amp; Son</td>
<td>642V16</td>
</tr>
<tr>
<td>Windmills, Joseph, with alarm</td>
<td>577V16</td>
</tr>
<tr>
<td>Windmills, London, at Cusworth Hall</td>
<td>577V16</td>
</tr>
<tr>
<td>Windmills, London, month-going,</td>
<td>576V16</td>
</tr>
<tr>
<td>Windmills, London, musical,</td>
<td>573V16</td>
</tr>
<tr>
<td>Windmills, London, walnut, month-going,</td>
<td>582V16</td>
</tr>
<tr>
<td>Windmills, London (stolen)</td>
<td>172V16</td>
</tr>
<tr>
<td>Windmills, London, walnut,</td>
<td>577V16</td>
</tr>
<tr>
<td>Windmills, London, in Victoria &amp; Albert Museum</td>
<td>577V16</td>
</tr>
<tr>
<td>Windmills, London, walnut,</td>
<td>574V16</td>
</tr>
<tr>
<td>Winstanley of Wigan</td>
<td>186V16</td>
</tr>
<tr>
<td>Wise, John</td>
<td>8V16</td>
</tr>
<tr>
<td>Wise, Thomas</td>
<td>206V16</td>
</tr>
<tr>
<td>Wright, William</td>
<td>333V16</td>
</tr>
</tbody>
</table>

**Longcase Clock Casemakers**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longcase Clock Case Manufacturers, lecture by Susan Stuart</td>
<td>171V16</td>
</tr>
<tr>
<td>Longcase clocks, 30-hour, lecture by Tom Robinson</td>
<td>65, 248, 361V16</td>
</tr>
<tr>
<td>Longcase Clock Design, by Percy Dawson</td>
<td>479V16</td>
</tr>
</tbody>
</table>

**Long Duration, Month-Going, V16**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotsworth, John, longcase clock</td>
<td>407V16</td>
</tr>
<tr>
<td>Delander, Daniel, longcase clock</td>
<td>552V16</td>
</tr>
<tr>
<td>Duchesne, Claudius, longcase clock</td>
<td>178V16</td>
</tr>
<tr>
<td>Janvier, Antide, table regulator,</td>
<td>101V16</td>
</tr>
<tr>
<td>Pinchbeck, Christopher, longcase clock,</td>
<td>12V16</td>
</tr>
<tr>
<td>Robin Fils, regulator</td>
<td>205V16</td>
</tr>
<tr>
<td>Tompion, Thomas, longcase clock,</td>
<td>486V16</td>
</tr>
<tr>
<td>Tompion, Thomas, longcase clock,</td>
<td>544V16</td>
</tr>
<tr>
<td>Tompion, Thomas, longcase clock,</td>
<td>301, 433, 462V16</td>
</tr>
<tr>
<td>Windmills, London, walnut longcase clock,</td>
<td>376V16</td>
</tr>
<tr>
<td>Windmills, London, longcase clock,</td>
<td>582V16</td>
</tr>
<tr>
<td>Wright, Thomas, regulator,</td>
<td>576V16</td>
</tr>
</tbody>
</table>

**Long Duration, Three Month, V16**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vienna regulator</td>
<td>306V16</td>
</tr>
</tbody>
</table>

**Long Duration, Two-Month, V16**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vienna Regulator</td>
<td>321V16</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Lepaute of Paris, 376V16
Long Duration Watch 526V16
Long Duration, Year-Going, V16
  Hindley, Henry, longcase clock, 121V16
  Jessner, Joseph, Vienna regulator, 546V16
  Pons, Honore, Mantel Clock 552V16
  Sarton, Humbert, regulator, 193V16
  Vockenberger of Vienna, regulator, 438V16
Loomis, Alfred, oscillograph 54V16
Loudoun, Lord John, arms on a sundial 234V16
Love's Numbers 53V16
Lowndes, Charles, bracket clock, 486V16
Lowndes, Jonathan, V16
  bracket clock, 429V16
  long-case clock, 455V16
Lowne of Catford, master clock system 473V16
Lowther, Thomas, clock case maker 590V16
Luckton of Leominster, turret clock (stolen) 527V16
Lunar Indications, V16
  Blackborow, James, longcase clock, 444V16
  Blake, Maurice, regulator 489V16
  Bonar, John, moon dial, 227V16
  Clough, John, longcase clock 407V16
  Cole, J. F., carriage clock, 17V16
  Deniere of Paris, mantel clock, 547V16
  Fenie, M., watch, 539V16
  Janvier, Antide, table regulator no.4/1831, 20, 112, 214V16
  Lawson, John, longcase clock, 291V16
  Lister, Thomas, longcase clock, 406V16
  Naylor, John, bracket clock, 305, 414V16
  Patek Philippe, pocket chronometer, 566V16
  Warren, William, longcase clock, 221V16
Lupton, W., gold and silver worker/merchant 590V16
Lyme Park, horological collection 595V16
Lyons, Richard, bracket clock, 117V16
Lytler, Richard, goldsmith 503V16
McCabe, James, V16
  bracket clock (stolen) 421V16
  bracket clock no.2350 (stolen), 529V16
  watch no.4837 411V16
McCure, Bertie, Clock Case making, lecture 489, 597, 598V16
McDonagh, apprentice watchmaker 368V16
Macdonald, formula for computing tides 57V16
McDonald, Duncan, longcase clock, 408V16
McGregor, of Glasgow, marine chronometer no. K'2045 (stolen) 285V16
McKay, Chris, Turret Clock Escapements and Remontoires, lecture 69, 362V16
Mackenzie, William, watch enameller 590V16
Macalpine, Sir Robert, arms on a sundial 237V16
McNab, J. A., regulator 250V16
Madrid, Museo Romantico, clock by Jose Pradere-Mondragon 279V16
Maghull of Liverpool, St. Andrew's Church, turret clock 245V16
Magnet Master Clock 469V16
Mallet, humpback carriage clock, 541V16
Maltese Wall Clock, 271V16
Mantle Clocks, V16
  Allam & Caithness 332V16
Anonymous, with Ferris wheel case 178^V16
Anonymous with lyre case 178^V16
Anonymous with 'Tower Bridge' case 178^V16
Barr, electric, 458^V16
Billearea no.1787 172^V16
Boulton, Matthew, sidereal clock, 466, 545^V16
Bourdin of Paris, 330^V16
Brockbank & Atkins no.2200 (stolen) 529^V16
Bulle electric, 458^V16
Cloister electric, 458^V16
Cole, Thomas, no.1549 409, 410^V16
Critchley, William 409^V16
Cronier of Paris (stolen) 640^V16
Cumming, Alexander 409^V16
Deniere of Paris, 547^V16
French, Royal Exchange, ormolu case, 456^V16
French, Royal Exchange, satinwood case, 558^V16
French, R. V. (stolen) 529^V16
Jump of London, 106^V16
Lefevre of Paris 552^V16
Molyneux, Robert, 10^V16
Thomire, 22^V16
Webster of London, 642^V16
Mantel Regulator see Regulator^V16
Margaine, Françoise-Arsene, miniature carriage clock, 557^V16
Margetts, George, watch no.1251 593, 594^V16
Marine Chronometer see Chronometer, Marine^V16
Marine Timekeeper see Chronometer, Marine^V16
Marion, A History of the United States Watch Company (review) 414^V16
Market Bosworth, church clock 344^V16
Markham see Markwick, Markham^V16
Markwick, watch, 174-5^V16
Markwick, James,^V16
   longcase clock movement 407^V16
   watch no.3565, 176^V16
Markwick, Markham, lantern clock for Turkish market, 535, 645^V16
Marot, Daniel, designer 596^V16
Marquetry, Lowndes, Jonathan, longcase clock, 455^V16
Massey, Edmund,^V16
   longcase clock, 563^V16
   Wise, John, longcase clock, 9^V16
Marston, Thomas, export watches to America 594^V16
Martin, Thomas, watch 411^V16
Martinez, Jose, clockmaker 280^V16
Massey, lever escapement 594^V16
Massey, Edmund, longcase clock, 563^V16
Massy, London, watch, 495^V16
Massy, Jacob, bracket clock, 208^V16
Master Clock Systems see Electric Clocks^V16
Maudsley, Sons And Field, Deal Time Ball, 490^V16
Maurizio Tower clock 146^V16
Mayo, W., skeleton clock 409^V16
Medieval Timekeeping 145^V16
Medlam, Sarah, French Clock Cases, lecture 248^V16
Melchbourne, Bedfordshire, turret clock 364, 598^V16
Mell, Davis,^V16
   carillon lantern clock, 603^V16
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

lantern clock, 602V16
Musician and clockmaker, article 602V16
Mellin, Corneille, watch, 219V16
Mendicolanda, Mariano, clockmaker 280V16
Mene, P.1., bronze on a mantel clock, 330V16
Mentmore Sale, lecture by Gavin Boyd 597V16
Mercer, electrically reset gravity escapement 478V16
Mercer, Thomas, V16
  longcase regulator, 428V16
  marine chronometer no.16836 178V16
  table chronometer, 186V16
Merga, A., watchmaker 638V16
Merlin, Joseph, skeleton clock 181V16
Meunier, Paris, mystery clock, 95V16
Micrometer Chronograph, by Charles Frodsham no.09973, 109V16
Miguel, Septimus, rack lever watch no.4225 71V16
Mills, Humphrey, lantern clock 359V16
Mindelheim, Turret clock museum 336V16
Minute Repeat Mechanism, V16
  Arnold, John, watch no.1, 415V16
  Jurgenson, Jules, chronograph, 24V16
  Koehn, Ed., watch, 24V16
Moinet, Louis, watch, 562V16
Molyneux, Robert, mantel chronometer, 10V16
Mondragon, Jose Predere, clockmaker 279V16
Mongelos, Eugenio, clockmaker 279V16
Month Duration see Long Duration V16
Moon, effects on the period of a pendulum 53V16
Moon Indications see Lunar Indications V16
Moondials 238V16
Moore, Leeds, regulators 407V16
Moreno, Juan, clockmaker 277V16
Morgan, Richard, watchmaker/springmaker 604V16
Morin, Louis, watch no.246, 386V16
Moss, Thomas, V16
  bracket clock no.283, 217V16
  wall clock (stolen) 421V16
MP, punched mark on turret clocks 598V16
Mudge, Thomas, select committee on his petition 586V16
Mudge, Thomas & Dutton, V16
  bracket clock, 222V16
  watch no.1191, 375V16
Muir & Kraus, Marion, A History of the United States Watch Company (review) 414V16
Munk, formula for computing tides 57V16
Munsey, D., watch 413V16
Murday, T. J., patents for electric clocks 474V16
Murga, Gabino, clockmaker 279V16
Murga, Hijos de Ignacio, clockmaker 279V16
Murga, Nicholas, clockmaker 279V16
Music (chime), for singing with musical clocks 347V16
Musical Clocks, V16
  Barraud, London 409V16
  Clarke, Geo., 114V16
  Cox, James (attrib.) 552V16
  Deacons, Leicestershire 344V16
  Deacon, Samuel, 350V16
  619V16
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Droz, Jaquet</td>
<td>552</td>
</tr>
<tr>
<td>Gardner, Thomas, bracket</td>
<td>593</td>
</tr>
<tr>
<td>Hamilton, John, longcase</td>
<td>360</td>
</tr>
<tr>
<td>Le Roy, Julien</td>
<td>437</td>
</tr>
<tr>
<td>Mell, Davis,</td>
<td>604</td>
</tr>
<tr>
<td>Rayment, Stamford,</td>
<td>447</td>
</tr>
<tr>
<td>Reid &amp; Sons, wallclock,</td>
<td>408</td>
</tr>
<tr>
<td>Windmills, London</td>
<td>373</td>
</tr>
<tr>
<td>Myatt, Paul</td>
<td>572</td>
</tr>
<tr>
<td>Mystery Clocks</td>
<td>552</td>
</tr>
<tr>
<td>Anonymous, French</td>
<td>178</td>
</tr>
<tr>
<td>Anonymous, kangaroo design</td>
<td></td>
</tr>
<tr>
<td>Meunier, Paris</td>
<td>95</td>
</tr>
<tr>
<td>Nantwich clockmakers by A.</td>
<td>414</td>
</tr>
<tr>
<td>Nassington Church, turret</td>
<td>28</td>
</tr>
<tr>
<td>National Association Of</td>
<td>338</td>
</tr>
<tr>
<td>National Time Recorder Co.</td>
<td>469</td>
</tr>
<tr>
<td>National Trust Clocks,</td>
<td>595</td>
</tr>
<tr>
<td>National Trust Clocks,</td>
<td>515</td>
</tr>
<tr>
<td>Nauta, F. watch</td>
<td></td>
</tr>
<tr>
<td>Naylor, John, astronomical</td>
<td>305</td>
</tr>
<tr>
<td>Neale, J. A.</td>
<td></td>
</tr>
<tr>
<td>Joseph and Thomas Windmills</td>
<td>573</td>
</tr>
<tr>
<td>Windmills, Father and Son,</td>
<td>487</td>
</tr>
<tr>
<td>Nederhorst Kasteel</td>
<td></td>
</tr>
<tr>
<td>watch by Cowell of London</td>
<td>497</td>
</tr>
<tr>
<td>watch by J. P. Kroese</td>
<td>497</td>
</tr>
<tr>
<td>horological exhibition</td>
<td>271</td>
</tr>
<tr>
<td>Neilson, Meyrick The</td>
<td>485</td>
</tr>
<tr>
<td>Neilson, London, regulator</td>
<td>113</td>
</tr>
<tr>
<td>Netherlands, horological</td>
<td>267</td>
</tr>
<tr>
<td>Nettell, D., Three Clocks</td>
<td>263</td>
</tr>
<tr>
<td>Newsam, Bartholomew,</td>
<td></td>
</tr>
<tr>
<td>horological tour</td>
<td></td>
</tr>
<tr>
<td>Newton, Sir Issac,</td>
<td>386</td>
</tr>
<tr>
<td>Newton, of Heather, Leics.,</td>
<td>353</td>
</tr>
<tr>
<td>New York, Metropolitan</td>
<td></td>
</tr>
<tr>
<td>watch by Isaac Simmes</td>
<td>505</td>
</tr>
<tr>
<td>Nicholson, Jim, Files and</td>
<td>596</td>
</tr>
<tr>
<td>Nickals, Isac, longcase</td>
<td>640</td>
</tr>
<tr>
<td>Nieuw-Loosdrecht, Kasteel-Museum Sypesteyn</td>
<td>268</td>
</tr>
<tr>
<td>Night Clocks</td>
<td></td>
</tr>
<tr>
<td>Blaser, Jacob</td>
<td>210</td>
</tr>
<tr>
<td>East, Edward</td>
<td>440</td>
</tr>
<tr>
<td>Fromanteel</td>
<td>271</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>359</td>
</tr>
<tr>
<td>Nijmegen, turret clock by</td>
<td>268</td>
</tr>
<tr>
<td>N. K., initials on polyhedral sundial</td>
<td>140</td>
</tr>
<tr>
<td>Noble see James &amp; Noble</td>
<td></td>
</tr>
<tr>
<td>Norton, Eardley</td>
<td></td>
</tr>
<tr>
<td>bracket clock no.1809</td>
<td>277</td>
</tr>
<tr>
<td>bracket clock at Lauriston</td>
<td>593</td>
</tr>
<tr>
<td>longcase clock,</td>
<td>448</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

O

Oakley Church, turret clock 598V16
Oberkircher, Vienna, astronomical pillar clock 552V16
Obituaries, V16
Aimer, M. C. 171V16
Applebee, Geoffrey 363V16
Foulkes, Robert 27V16
James, Kenneth 487V16
Stender, Eugene 336V16

Observatories,
Cape of Good Hope 473V16
Femley, Liverpool 246V16
St. Andrew's University 249V16
Washington, U.S. Navy 59, 166, 169V16
Zi-Ka-Wei, Shanghai 367V16

Oceanographic Vessels, British, review of book by Tony Rice 521V16
Okidokei, Japanese clock, 460V16
Oosterwych, Severyn, bracket timepiece, 485V16
Organ, Barrel, by J. Walker 268V16
Organ Builders, Rushworth & Dreaper Ltd. 245V16
Organ Clock see Musical Clock 200V16
Orion, H. M. S. 508V16
Orpheus Clock, 226V16
Orreries, V16
lecture by Eric Watson 361V16
Cole, London 250V16
Lefevre, Paris 552V16
Orvieto, Cathedral clock 146V16
Osaka Watch Incorporated book by Hoshimi Uchida (review) 520V16
Owen, Watkin, longcase clock 186V16
Oxford, Ashmolean Museum, horizontal table clock by Henry Jones 385V16
Oxley, George, Williamson's Equation Work, lecture 66V16

P
Paintings depicting horology, 275-7V16
Palacios, D. Odon, watch movement 275V16
Pallas, H. M. S. 508V16
Paller, Leonard, watch, 630V16
Palmer, Loughborough, clockmaker 345V16
Palmer, Thomas, bracket clock, 310V16
Palmer, W. E., master clock system, 474V16
Pamplona, turret clock in St. Saturnino 277V16
Paris, Louvre, Les Montres du Musée du Louvre, Tome I (review) 415V16
Parkinson & Frodsham, their agents in Spain 280V16
Parsons, Isaac Hardy 474V16
Parsons patent slave dial, 627V16
Parsons & Ball, V16
battery warning indication 477V16
first free pendulum, 478V16
patents for master clock system, 475V16
pulsynetic master clock system 474V16
Patek Philippe, V16
clockwatch, 96V16
pocket chronometer, 566V16
grande and petite sonnerie clock watch, 96V16
pocket chronometer, 566V16
Patents, Ball & Whidbourne master clock 475V16
B-P patent system V16
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpenter &amp; Martin, electric rewind</td>
<td>469V16</td>
</tr>
<tr>
<td>Custer, J., recessed back plate for balance</td>
<td>595V16</td>
</tr>
<tr>
<td>Dunn, Thomas, watch,</td>
<td>593-4V16</td>
</tr>
<tr>
<td>Gent's patent electric regulator</td>
<td>475V16</td>
</tr>
<tr>
<td>Gossage, William, alarm mechanism</td>
<td>484V16</td>
</tr>
<tr>
<td>Heriotzky, O. M., master clock system</td>
<td>473V16</td>
</tr>
<tr>
<td>Hope-Jones, electrically reset gravity escapement</td>
<td>477V16</td>
</tr>
<tr>
<td>Hope-Jones &amp; Bowell, synchronome switch,</td>
<td>470V16</td>
</tr>
<tr>
<td>International Time Recording Co., electric contacts</td>
<td>468V16</td>
</tr>
<tr>
<td>Murday, T. J., electric clocks</td>
<td>474V16</td>
</tr>
<tr>
<td>Palmer, W. E., master clock system</td>
<td>474V16</td>
</tr>
<tr>
<td>Parsons &amp; Ball, battery warning indication</td>
<td>477V16</td>
</tr>
<tr>
<td>Parsons &amp; Ball, master clock,</td>
<td>478V16</td>
</tr>
<tr>
<td>Port &amp; Varley, master clock system</td>
<td>473V16</td>
</tr>
<tr>
<td>Rossignol, A. A., electric rewind,</td>
<td>469V16</td>
</tr>
<tr>
<td>Robottom, H. M., stem regulating perfect keyless,</td>
<td>630V16</td>
</tr>
<tr>
<td>Schweizer, Jacob, electric clock mechanism</td>
<td>469V16</td>
</tr>
<tr>
<td>Shepherd, Charles, master clock mechanism,</td>
<td>472V16</td>
</tr>
<tr>
<td>Staveley, A. W. (of Gents), electric clocks</td>
<td>474V16</td>
</tr>
<tr>
<td>Synchronome switch, improvements</td>
<td>471V16</td>
</tr>
<tr>
<td>Webster &amp; William, electric contacts</td>
<td>468V16</td>
</tr>
<tr>
<td>Winbauer, electric clock mechanism</td>
<td>469V16</td>
</tr>
<tr>
<td>Penlington, Liverpool, signature on turret clock</td>
<td>245V16</td>
</tr>
<tr>
<td>Penn, Henry, bell founder</td>
<td>43V16</td>
</tr>
<tr>
<td>Penney, David, brief biography,</td>
<td>358V16</td>
</tr>
<tr>
<td>Pennington, Pendleton et al., Mudge timekeeper no.10</td>
<td>587V16</td>
</tr>
<tr>
<td>Pennington, balance on chronometer by Barraud,</td>
<td>201V16</td>
</tr>
<tr>
<td>Pennington, head workman to Thomas Mudge Jnr.</td>
<td>586V16</td>
</tr>
<tr>
<td>Perpignan, article by Charles Aked</td>
<td>392V16</td>
</tr>
<tr>
<td>Perpignan, clockmaker</td>
<td>279V16</td>
</tr>
<tr>
<td>Perret, David, electric rewind system</td>
<td>469V16</td>
</tr>
<tr>
<td>Person, Francisco, clockmaker</td>
<td>146V16</td>
</tr>
<tr>
<td>Peterborough Cathedral,</td>
<td>585V16</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

audit accounts 1681-1700 49\textsuperscript{16}
treasurers' records, 51\textsuperscript{16}
turret clock, 43, 50\textsuperscript{16}
Petite Sonnerie, watch by Patek Philippe, 96\textsuperscript{16}
Phaeton And Sun Chariot, mantel clock, 22\textsuperscript{16}
Phillipson, William, collection sold 377\textsuperscript{16}
Pillar Clock, astronomical by Oberkircher 552\textsuperscript{16}
Pinchbeck, Christopher, \textsuperscript{16}astronomical longcase clock, 12\textsuperscript{16}
buys watch from Berthoud 158\textsuperscript{16}
Pinnington, Thomas, watch, 378\textsuperscript{16}
Pitkin, J. F., machine-made watch 595\textsuperscript{16}
Plowman, Dr. John, retirement 223\textsuperscript{16}
Pocket Chronometer see Chronometer, Pocket\textsuperscript{16}
Pond, Chesters H, electric rewind system 469\textsuperscript{16}
Poole, London, pocket chronometer no.4566 178\textsuperscript{16}
Pons, Honore, year-going mantel clock 552\textsuperscript{16}
Port & Varley, master clock system, 473\textsuperscript{16}
Porthouse, Penrith, longcase clock (Franklin type), 483-4\textsuperscript{16}
Powell, C., watchmaker(?) 638\textsuperscript{16}
Powis Castle, longcase clock by Thomas Tompion 596\textsuperscript{16}
Pradera, Juan, clockmaker 279\textsuperscript{16}
Pratt, R. B. 638\textsuperscript{16}
Prescott Museum, \textsuperscript{16}Three Hundred Years of Fine English Clock and Watchmaking, exhibition 77, 406\textsuperscript{16}
turret clock by Thomas Condill\textsuperscript{16}
turret clock by John Johnson & Co. 244\textsuperscript{16}
turret clock by Standard Time and Telephone Co. 244\textsuperscript{16}
turret clock no.6841 by John Walker 244\textsuperscript{16}
Prestige, Sir John, Collection, \textsuperscript{16}bracket clock by Jonathan Lowndes, 486\textsuperscript{16}
carriage clock by J. F. Cole, 17\textsuperscript{16}

Preston, London, export watches 594\textsuperscript{16}
Pritchard, Wilbur The Development of the Calendar, lecture 168\textsuperscript{16}
Pryce, W. T. R. & Davies, T. A., Samuel Roberts, Clockmaker (review) 513\textsuperscript{16}
Pulse Watch see Doctor's Watch 389\textsuperscript{16}
Pulsynetic Clock System, \textsuperscript{16}lecture by D. J. Bird 363\textsuperscript{16}
article by D. J. Bird 467, 621\textsuperscript{16}
Pytters, A., Stoelschippertje clock restored 274\textsuperscript{16}
Q
Quality Factor, measured on Harrison pendula 132\textsuperscript{16}
Quare, Daniel, \textsuperscript{16}bracket clock 178\textsuperscript{16}
bracket clock (stolen) 640\textsuperscript{16}
longcase clock 178, 407\textsuperscript{16}
travelling clock, 376\textsuperscript{16}
watch no.3084, 286\textsuperscript{16}
Quarter Chiming, Clocks, \textsuperscript{16}Allam & Clements, bracket clock 178\textsuperscript{16}
Anonymous Westminster/Whittington Victorian longcase 178\textsuperscript{16}
Borrell, Henry, singing-bird automaton 178\textsuperscript{16}
Clay, Charles, longcase clock 552\textsuperscript{16}
Cox, James, three-sided clock (attrib.) 552\textsuperscript{16}
DuChesne, C., clock 178\textsuperscript{16}
Edwards & Sons, bracket clock, 323\textsuperscript{16}
Frodsham, Charles, carriage clock 449\textsuperscript{16}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Reid & Sons, wall clock, 408
Quarter Repeat Attachment, by Robert Smith 484
Quarter Repeating Mechanism
Asslin, London, bracket clock (stolen) 527
Barnett, John, bracket clock (stolen) 527
Berthoud, Paris, chaise watch, 299
Chapeau, Peter, watch no.1190, 651
Clarke, George, bracket clock, 285
Clarke & Dunster, watch 496
Cole, J. F., humpback carriage clock, 17
Cosset, Nicolas, bracket clock, 430
Dunlop, Conyers, wall clock, 18
Etherington; George, bracket clock, 196
Fiorimi, Carlo Mario, table clock, 14
Gould, Christopher, bracket clock, 454
Hill, Thomas, bracket clock, 460
Hill, Thomas, bracket clock with wall bracket, 190, 296
Hoogendyk, Steven, watch 494
Lange, A. & Söhne, watch no.31471, 194
LeRoy, watch, 96
Lowndes, Jonathan, bracket clock, 429
Martin, Thomas, watch 411
Massy, Jacob, bracket clock, 208
Moinet, Louis, watch, 562
Mudge & Dutton, bracket clock, 222, 375
Mudge & Dutton, watch no.1191, 593
Peacock, London, bracket clock, 19
Quare, Daniel, bracket clock 178
Stodden, Matthew, 593
Taylor, Thomas, bracket clock, 374
Tomlinson, William, watch 411
Tompion, Thomas, bracket clock no.66, 374
Tompion, Thomas, bracket clock no.77, 302, 434
Unite, M., bracket timepiece, 4
Vulliamy, Justin, bracket clock, 105
Webster, William, bracket clock, 200
Windmills, Joseph, bracket clock (stolen) 527
Windmills, Thomas, watch no.8370, 579
Young, John, pocket chronometer 411
Quarter Striking
Grimaldi & Johnson, bracket clock (stolen), 285
Markwick, James, longcase clock 407
Taylor, John, longcase clock, 448
Windmills, London, bracket clock, 574
Quorn, turret clock by Deacon 433

R
Rack Lever Watches 71, 79
Radeloff, rolling ball clock 552
Rainsford, Francis, name-plate on bracket clock by Appley 595
Ramsay, David, horizontal table clock 385
Ranch, Carl, marine chronometer no.555 178
Randall, A. G., Ferdinand Berthoud, article 149
Ferdinand Berthoud, lecture 169
Ravel, Juan Bautista, clockmaker 279
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Rayment, Thomas, musical longcase clock 447, 552
Reber, Bernard, watch 172
Redfern, John, The Restoration of a Chronometer Watch, lecture 248
Reed, William, longcase clock 177

Regulators:

Blake, Maurice, 488
Box, William, 113
Breguet, A. L., no.2858 449
Buchanan, Archibald 489
Elsner, Joseph, 568
Emery, Josiah, 319
Frodsham, Charles, wall-mounted, 13
Jackson, Liverpool, 321
Janvier, Antide, mantel regulator dated 1819, 87
Janvier, Antide, mantel regulator no. 4/1831, 20, 112, 214
Janvier, Antide, table regulator dated 1821, 101
Jessner, Joseph, 546
Joyce, Whitchurch, wall-mounted, 408
Lepaute, Paris, 376
Lepine, Jean-Antoine, 322
McNab, J. & A., 250
Mercer, Thomas, 428
Moore, Leeds 407
Neilson, London, 113
Riefler, tank regulator no.78, 103
Riefler, wall regulator no.341, 102
Robin, Paris, 564
Robin Fils, Paris, dated 1801, 205
Roskell & Sons, wall regulator, 16
Sarton, Humbert (attrib.), mantel regulator, 314
Sarton, Humbert, year-going, 193
Vockenberger, Vienna, 438
Wright, Thomas 332

Reid & Sons, Newcastle upon Tyne, wall clock, 408
Remontoires, 103

Hesketh Park Floral Cuckoo Clock 246
Janvier, Antide, table regulator, 101
Robin Fils, table regulator, 205
Turret clocks, lecture by Chris McKay 362
Renbaurg (Graubner), London, watch with Chatelaine, 549
Reynolds, Francis, bracket clock (stolen) 421
Rice, Tony, British Oceanographic Vessels, (review) 521
Richardson, Goole, wall clock 409
Richardson, Thomas, clockcase maker, 408
Ridgeway Parish, three turret clocks 263
Riefler, 103

tank regulator no.78, 103
wall regulator no.341, 102
Rigoni, Eugenio, clockmaker 279
Rijk, J. A. F., De Zon als Klok (review) 73
Riley, B., clockmaker 343
Ripoli, Vincente, clockmaker 280
Ritchie, James, floral cuckoo clock 245
Roberts, John, longcase clock (stolen) 528
Roberts, Samuel, Samuel Roberts, Clockmaker (review) 513
Robertson, James, clockmaker 423
Robin, Paris, table regulator, 564
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Robin Fils, Paris month-going table regulator dated 1801, 205V16
Robinson, Baltimore, using Tobias watches 595V16
Robinson, Tom, 30-Hour Longcase Clocks, lecture 65, 248, 361V16
Robin Sons & Nephews, Paris, carriage clock (stolen) 529V16
Robotham, clockmaker of Leicester 342, 344V16
Robottom, H. M., patent keyless mechanism, 630-1V16
Rockford, Time Museum,
  Catalogue, Vol.1 (review) 281V16
  horizontal table clock by Edward East 385, 523V16
  sale of items from 466V16
Rodired (?), Robert, watchmaker of London 504V16
Rohr, Christopher, rolling ball clock, 419V16
Rohr, Rene R. J., article on a sundial by John Bonar, 227V16
Rolling Ball Clock, Radeloff 552V16
Rohr, Christopher, 419V16
Roman Striking, longcase clock by Joseph Knibb (stolen) 75V16
Romney, ship carrying Arnold Chronometer no.573 508V16
Rose, Ronald, Wall Clocks, lecture 595V16
Roskell, Robert, 419V16
  carriage clock with thermometer and barometer, 452V16
  rack lever watch no.2053 79V16
  rack lever watch no.6385 71V16
  rack lever watch no.33275 71V16
Roskell & Son, Liverpool, wall regulator, 16V16
Rossignol, A. A., electric rewind system, 469V16
Roumieu, Paul, Jrn., month-going longcase clock 359V16
Roumieu, Paul, Snr., watch 359V16
Rous Lench Court, sale of clocks 376V16
Rushworth & D reaper Ltd., organ builders 245V16
Russell, Alfred & Co., watch no.80068, 630V16
Russell, Liverpool, marine chronometer with Hartnup balance 380V16
Russell, Thomas & Son, centre seconds watch with karrusel, 24V16
Salisbury, Salisbury Clocks and Clockmakers by Michael Snell (review) 517V16
Salisbury Cathedral, Turret clock, 399-402V16
Salisbury Museum, exhibition of local clockmaking 77V16
Samuel, Lewis 595V16
Saralegui, Alberto, clockmaker 279V16
Saramang, H. M. S. 639V16
Sarton, H., 639V16
  watch no.758 637V16
  year-going regulator, 193V16
  (attrib), mantel regulator, 314V16
Savage, Richard, lantern clock dated 1692, 300V16
Schiwerter & Lloyd, turret clock for Central Station, Liverpool 245V16
Scientific Instrument Society, symposium The Business of Instruments 248V16
Schoonhoven Museum, 16V16
  longcase clock by Jan Hermeslink 269V16
  pedometer-wind watch by Perrelet (attrib.), 497V16
  turret clock by Heynrick van Preda 269V16
  wall clock by Aenys of Catalonia, 269V16
  watch by J. N. Boyon of Amsterdam no.67, 496V16
  watch by Clarke and Dunster, 496V16
  watch by Henry Harper, 495V16
  watch by Massy, London, 495V16
  watch by F. Nauta, 495V16
  watch by Peter Swaan, 496V16
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

watches by Wilders, Tarts and Sampson 495V16
Schweizer, Jacob, electric clock mechanism 469V16
Scott, John, Edinburgh, astronomical longcase clock, 359V16
Scott, John, London, watch and clockmaker 590V16
Seaford, turret clock from St. Thomas' Church, 211V16
Seaforth, turret clock by Thomas Condliff from St. Thomas' Church 244V16
Seddon, John, bracket clock (stolen), 530V16
Self-Winding Clock Co., electric rewind system 469V16
Septon, Daniel, wheel-cutting engine 380V16
Services Watch Company 422V16
Sewill, T. 280V16
Shagreen, watch case maker of 590V16
Shambrook Church, turret clock 598V16
Shearer, James, astronomical clock, 635V16
Shelton Church, turret clock 598V16
Shenton, Rita, Horological Books, lecture 360V16
Shepherd, Charles, V16
Deal Time Ball clock 490V16
electric master clock system 468, 472V16
lecture on his electric clocks 66V16
Ships 508-9, 638V16
Shortt Clocks, V16
free pendulum clock no.41 58V16
clock no.41, lecture 68V16
lecture by Pierre Boucheron 167V16
used in Loomis oscillograph 54V16
Shortt, W. H., modifications to synchronome pallet 477V16
Shrimpton, Ken, lecture on flail locking clocks 598V16
Shuttleworth, Francis, table clock (stolen) 640V16
Sidereal Clocks, by Matthew Boulton 466, 545V16
Sidereal Time 53V16
Sidey, Benjamin, bracket clock (stolen), 639-40V16
Sidwell, clockmaker of Nuneaton 342, 345V16
Signature, Reversed, Renbuarg London on a watch, 549V16
Silent Electric Clock Company 472V16
Simmes, Isaac, V16
watch in Pierpont Morgan Collection 505V16
watch in Taunton Museum 505V16
watch with alarm and passing strike, 499-506V16
Simpson, Thomas, longcases for lantern clocks 361V16
Sims, O., watchmaker 638V16
Singing Bird Box see Automaton V16
Skeleton Clocks, V16
Anonymous, 556V16
Beliard, Julien, 207, 327V16
Evans of Hansworth, 213V16
Frodsham, Charles, no.885, 138V16
Mayo, W. of Manchester 409V16
Merlin, Joseph, exhibition at Kenwood House 181V16
Strutt, William 409V16
St. Paul's Cathedral frame, 90V16
Slade, Bedford & Slades, proctors 590V16
Slave Clocks see Electric ClocksV16
Slave Dials, V16
Parsons' patent 627V16
Pulsynetic 627V16
S*M, on a portable sundial in the British Museum 143V16
Smith, apprenticed to Samuel Deacon 355^V16

Smith, Alan,  V16

Sundials, lecture 484^V16
vertical south sundial 484^V16

Smith, Andrew, inventor and painter of astronomical dial 359^V16

Smith, Charles, bracket clock (stolen), 527^V16

Smith, Frank, Williamson's Equation Work, lecture 66^V16

Smith, John, Pittenweem exhibition table clock in Royal Collection 360^V16

Smith, John, York, bracket clock, 373^V16
Smith, Joseph, longcase clock 271^V16

Smith, Michael, brief biography, 482^V16

Smith, Robert, quarter-repeat attachment 484^V16

Smith, S. & Sons, Karrusel watch no.193 388, 412^V16

Smith, William, clocks and watches 638^V16
turret clock, 526^V16

Smiths (English Clock Systems), electrically reset gravity escapement 478^V16

Snell, Michael, Clocks and Clockmakers of Salisbury (review) 517^V16

Snow, John, lantern clock, 88^V16
Snow, Richard, astronomical longcase clock 361^V16

Solar Indications, V16

watch by Dent of London no.32573 510^V16
watch by Leroy de Paris 510^V16

Somerville, A. R. V16

The Sundials of John Bonar, 233^V16
Sundials of Scotland, lecture 148^V16

Somerville, Francis, verge watch no.201 638^V16

Spanish Clock And Watchmakers 279-80^V16

Sparsholt, turret clock in Holy Cross Church, 263^V16

Speakman, William, bracket clock (stolen), 639^V16

Spencer & Perkins, London, bracket clock, 270^V16

Spitfire 639^V16

Spittle, clockmaker of Hathern 342^V16

Split Second Chronograph, V16

Frodsham, Charles, 24^V16
Jurgenson, Jules, 24^V16
Patek Philippe, 566^V16

Spring Clock see Bracket Clock^V16

Springmaker, Watch And Clock 590, 604^V16

Staartklok, Cors, Goosens and Marts Smolders 273^V16

Stamford, All Saints' Church, turret clock by John Watts 41^V16

Stamford, St. Mary's Church Clock 43^V16

Stamford Hall Books, freedom of John Watts, 44^V16

Stamford Mercury advertisement of Henry Penn, bellfounder 43^V16

Stamford Town hall, longcase clock by John Watts 49^V16

Standard Time And Telephone Company, turret clock 244^V16

Standard Transmitter, Pulsynetic master clock 621^V16

Standish, Mr., work on Peterborough Cathedral clock 51^V16

Staveley, A. W., patents for electric clocks 474^V16

Steinheil, Munich electromagnetic impulse clock 467^V16

Stem Regulating Perfect Keyless, watch, 630^V16

Stogden, Matthew, quarter-repeat mechanism, 593^V16

Stolen Clocks And Watches 75, 172, 285, 420, 527, 639^V16

Stop Watch 389^V16

Stratton, seeking gilding techniques 595^V16

Street, Richard, longcase clock, 7^V16

Strike/Silent, V16
<table>
<thead>
<tr>
<th>Name</th>
<th>Reference No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holmes, John, longcase clock</td>
<td>116 V16</td>
</tr>
<tr>
<td>Lyons, Richard, bracket clock</td>
<td>117 V16</td>
</tr>
<tr>
<td>Vuillamy, Justin, bracket clock</td>
<td>105 V16</td>
</tr>
<tr>
<td>Striking Mechanism, one-at-the-hour watch by Isaac Simmes</td>
<td>499 V16</td>
</tr>
<tr>
<td>Stripling, Thomas, clockmaker</td>
<td>342 V16</td>
</tr>
<tr>
<td>Strutt, William, skeleton clock</td>
<td>409 V16</td>
</tr>
<tr>
<td>Stuart, Susan, Gillows of Lancaster, lecture</td>
<td>171 V16</td>
</tr>
<tr>
<td>Stubbs, export of tools</td>
<td>594 V16</td>
</tr>
<tr>
<td>Sully, Henry, marine timekeeper 1718</td>
<td>386 V16</td>
</tr>
<tr>
<td>Sun, effects on period of pendulum</td>
<td>53 V16</td>
</tr>
<tr>
<td>Sundials, V16</td>
<td></td>
</tr>
</tbody>
</table>

Barker, London, equatorial sundial 413 V16
boards used for 289 V16
Bonar, John, equatorial sundial 227 V16
Bonar, John, sundial at Bangor Abbey 235 V16
Bonar, John, sundial at Kenmure Castle, 234 V16
Bonar, John, sundials (article), 233 V16
Broun, Jacobum 233, 236-7 V16
Dancer, J. B., universal equatorial sundial, 413 V16
Daniel, Christopher, V16
equinoctial mean time sundial 484 V16
Daniel, C. St. J. H., Sundials (review) 518 V16
Drinkwater, Innocentius, The Art of Sundial Construction (review) 73 V16
Kratzer, Nicholas 143, 139 V16
Mellin, Cornelille, in a watch, 219 V16
meridian gun type 268 V16
polyhedral, commissioned for Whitehall Palace, 522 V16
portable, signed S*M 1553 143 V16
Smith, Alan, Sundials, lecture 484 V16
Somerville, A. R., Sundials of Scotland, lecture 148 V16
Van Cittert-Eymers, J.G. and Hagen, M.J., Sundials in the Netherlands, review 521 V16
vertical south facing by Alan Smith 484 V16
Sunrise/Sunset, V16
Clough, John, longcase clock 407 V16
Golay Fils & Stahl, watch no.28432, 510 V16
Sunrise/Sunset Indications, carriage clock by J. F. Cole, 17 V16
Sutton, Robert, longcase clock 407 V16
Swaan, Peter, watch, 496 V16
Swineshead Church, turret clock 598 V16
Symonds, R. W., Masterpieces of English Furniture and Clocks, (review) 516 V16
Synchronome Clocks, V16
shape of pallet 477 V16
turret clock, 367 V16
Synchronome Switch, Hope-Jones and Bowell, 470 V16
Synchronous Mains Turret Clock 366 V16
T
Table Clocks, V16
Archer, Henry, horizontal 385 V16
Bouquet, David, horizontal 385 V16
Bringas, D. Manuel 275 V16
Casson, Paul, horizontal 385 V16
Clarke, George, musical, 114 V16
Cox, James (attrib.), three-sided, quarter-chiming, musical 552 V16
Duchesne, Pierre, tête a poupée, 439 V16
East, Edward, horizontal square 385, 523 V16
Fiorimi, Carlo Mario, 14 V16
Fromanteel, A., horizontal 385 V16
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fromanteel &amp; East, horizontal</td>
<td>385 V16</td>
</tr>
<tr>
<td>Grinkin, Robert, horizontal round</td>
<td>385 V16</td>
</tr>
<tr>
<td>Grinkin, Robert, horizontal square,</td>
<td>381 V16</td>
</tr>
<tr>
<td>horizontal, chart of known English examples</td>
<td>385 V16</td>
</tr>
<tr>
<td>Jolly, Gaston</td>
<td>199 V16</td>
</tr>
<tr>
<td>Jones, Henry, horizontal</td>
<td>385 V16</td>
</tr>
<tr>
<td>Newsam, Bartholomew, horizontal</td>
<td>385 V16</td>
</tr>
<tr>
<td>Ramsay, David, horizontal</td>
<td>385 V16</td>
</tr>
<tr>
<td>Shuttleworth, Francis, in ivory case (stolen)</td>
<td>640 V16</td>
</tr>
<tr>
<td>Vallin, Nicholas, horizontal</td>
<td>385 V16</td>
</tr>
<tr>
<td>Table Regulator see Regulator V16</td>
<td></td>
</tr>
<tr>
<td>Talbot, H. M. S.</td>
<td>509 V16</td>
</tr>
<tr>
<td>Tank Regulator see Regulator V16</td>
<td></td>
</tr>
<tr>
<td>Tanner, T., watch repaired by</td>
<td>638 V16</td>
</tr>
<tr>
<td>Taunton Museum, watch by Isaac Simmes</td>
<td>505 V16</td>
</tr>
<tr>
<td>Taylor, clockmaker (?) of Congerstone</td>
<td>342 V16</td>
</tr>
<tr>
<td>Taylor, registered date clock no.2671</td>
<td>409 V16</td>
</tr>
<tr>
<td>Taylor, John, V16</td>
<td></td>
</tr>
<tr>
<td>bracket clock,</td>
<td>559 V16</td>
</tr>
<tr>
<td>longcase clock, quarter-striking,</td>
<td>448 V16</td>
</tr>
<tr>
<td>verge watch no.652</td>
<td>378 V16</td>
</tr>
<tr>
<td>Taylor, Snowden, The Development Era of Eli Terry and Seth Thomas Shelf Clocks (review)</td>
<td>281 V16</td>
</tr>
<tr>
<td>Taylor, Thomas, bracket clock,</td>
<td>374 V16</td>
</tr>
<tr>
<td>Taylor &amp; Vale, watchmakers of Coventry</td>
<td>344 V16</td>
</tr>
<tr>
<td>Telephone Manufacturing Co, electrically reset gravity escapement</td>
<td>478 V16</td>
</tr>
<tr>
<td>Temperature, effects of cold and heat remarked by Berthoud</td>
<td>155 V16</td>
</tr>
<tr>
<td>Temperature Compensation,</td>
<td></td>
</tr>
<tr>
<td>Berthoud, marine timekeeper no.1</td>
<td>152 V16</td>
</tr>
<tr>
<td>Ellicott watch</td>
<td>157 V16</td>
</tr>
<tr>
<td>Tempus Fugit, trademark,</td>
<td>631 V16</td>
</tr>
<tr>
<td>Tennant, Margaret, Painted Dials and their Restoration, lecture</td>
<td>360 V16</td>
</tr>
<tr>
<td>Terry, Noel, collection of furniture and clocks, review</td>
<td>632 V16</td>
</tr>
<tr>
<td>Tête A Poupée, Duchesne, Pierre table clock,</td>
<td>439 V16</td>
</tr>
<tr>
<td>Thermometer, V16</td>
<td></td>
</tr>
<tr>
<td>by Houriet</td>
<td>497 V16</td>
</tr>
<tr>
<td>on a table regulator by Robin, Paris,</td>
<td>564 V16</td>
</tr>
<tr>
<td>Thomas, Mary E., watch no.27271</td>
<td>637 V16</td>
</tr>
<tr>
<td>Thomas, S., clockcase maker of Orton on the Hill</td>
<td>352 V16</td>
</tr>
<tr>
<td>Thomas, Seth, turret clock in Shanghai</td>
<td>368 V16</td>
</tr>
<tr>
<td>Thomire, mantel clock, Phaeton and sun chariot,</td>
<td>22 V16</td>
</tr>
<tr>
<td>Thompson, David, Isaac Simmes</td>
<td>499 V16</td>
</tr>
<tr>
<td>Thompson, Joseph, longcase clock,</td>
<td>325 V16</td>
</tr>
<tr>
<td>Thoms, watchcase maker</td>
<td>413 V16</td>
</tr>
<tr>
<td>Thombridge, Pulsynetic transmitter,</td>
<td>621 V16</td>
</tr>
<tr>
<td>Thorp, Samuel, watch</td>
<td>412 V16</td>
</tr>
<tr>
<td>Thuret, clock in Kesteel Museum Sypesteyn</td>
<td>268 V16</td>
</tr>
<tr>
<td>Thwaite's, A. &amp; I., V16</td>
<td></td>
</tr>
<tr>
<td>journeyman clock, V16</td>
<td>373 V16</td>
</tr>
<tr>
<td>signed Ellicott, no.486,</td>
<td></td>
</tr>
<tr>
<td>Thwaite's &amp; Reed, turret clock signed Penlington</td>
<td>245 V16</td>
</tr>
<tr>
<td>Tidal Dials, V16</td>
<td></td>
</tr>
<tr>
<td>Bonar, John,</td>
<td>227 V16</td>
</tr>
<tr>
<td>Scott, John, longcase clock,</td>
<td>359 V16</td>
</tr>
<tr>
<td>Tijou, Jean, decorative ironworker</td>
<td>596 V16</td>
</tr>
<tr>
<td>Time: the Greatest Innovator, ed. Rachel Doggett (review)</td>
<td>521 V16</td>
</tr>
<tr>
<td>Time Balls, V16</td>
<td></td>
</tr>
<tr>
<td>lecture by Ian Bartky</td>
<td>167 V16</td>
</tr>
<tr>
<td>Topic</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Deal, lecture by Christine Waterman</td>
<td>490V16</td>
</tr>
<tr>
<td>Greenwich</td>
<td>472V16</td>
</tr>
<tr>
<td>Shanghai</td>
<td>367V16</td>
</tr>
<tr>
<td>Timekeeping Devices in the Middle Ages, article by G. D. van Rossum</td>
<td>145V16</td>
</tr>
<tr>
<td>Tinwell Church, turret clock</td>
<td>40V16</td>
</tr>
<tr>
<td>Tobias, Morris, 8-day marine chronometer</td>
<td>21V16</td>
</tr>
<tr>
<td>watch no.581</td>
<td>411V16</td>
</tr>
<tr>
<td>watch no.3625</td>
<td>594V16</td>
</tr>
<tr>
<td>watch numbering</td>
<td>595V16</td>
</tr>
<tr>
<td>Tolosano, D. Ignacio, electric clock factory</td>
<td>275V16</td>
</tr>
<tr>
<td>Tomlinson, William, clock watch no.506</td>
<td>411V16</td>
</tr>
<tr>
<td>Tompion, Thomas,</td>
<td>374V16</td>
</tr>
<tr>
<td>bracket clock no.66</td>
<td>302V16</td>
</tr>
<tr>
<td>bracket clock no.77</td>
<td>434V16</td>
</tr>
<tr>
<td>bracket clock no.278</td>
<td>374V16</td>
</tr>
<tr>
<td>bracket clock (stolen and recovered)</td>
<td>178-9, 202, 372, 374V16</td>
</tr>
<tr>
<td>clock numbering system</td>
<td>596V16</td>
</tr>
<tr>
<td>equation clock in Bath Pump Room</td>
<td>596V16</td>
</tr>
<tr>
<td>longcase clock no.242</td>
<td>376V16</td>
</tr>
<tr>
<td>longcase clock no.358</td>
<td>596V16</td>
</tr>
<tr>
<td>longcase clock, marquetry, at Powis Castle</td>
<td>596V16</td>
</tr>
<tr>
<td>longcase clock, month-going, olivewood and walnut oysters</td>
<td>544V16</td>
</tr>
<tr>
<td>longcase clock, month-going, parquetry</td>
<td>486V16</td>
</tr>
<tr>
<td>longcase clock, month-going, walnut</td>
<td>301, 433, 462V16</td>
</tr>
<tr>
<td>longcase clock, Queen Victoria's</td>
<td>485V16</td>
</tr>
<tr>
<td>longcase clock, olive wood</td>
<td>570V16</td>
</tr>
<tr>
<td>travelling clock, miniature grande sonnerie,</td>
<td>118V16</td>
</tr>
<tr>
<td>unusual clock, letter</td>
<td>78V16</td>
</tr>
<tr>
<td>watch no.0431</td>
<td>411V16</td>
</tr>
<tr>
<td>watch, restoration of</td>
<td>274V16</td>
</tr>
<tr>
<td>Tompion, Thomas &amp; Banger, Edward, bracket clock</td>
<td>633V16</td>
</tr>
<tr>
<td>'Tompion' Transmitter, pulsynetic master clock</td>
<td>621V16</td>
</tr>
<tr>
<td>Tompion, William, Franklin type longcase clock</td>
<td>483V16</td>
</tr>
<tr>
<td>Tools, Clockmaking, lecture by Rodney Law</td>
<td>483V16</td>
</tr>
<tr>
<td>Tourbillons,</td>
<td>187V16</td>
</tr>
<tr>
<td>Anonymous Swiss watch,</td>
<td>644V16</td>
</tr>
<tr>
<td>Anonymous Swiss watch,</td>
<td>194V16</td>
</tr>
<tr>
<td>Anonymous with spring detent escapement</td>
<td>466V16</td>
</tr>
<tr>
<td>Breguet six-minute type</td>
<td>453V16</td>
</tr>
<tr>
<td>Frodsham, Charles, pocket chronometer no. ADfmsz 09765</td>
<td>152V16</td>
</tr>
<tr>
<td>Frodsham, Charles, carriage clock</td>
<td>155V16</td>
</tr>
<tr>
<td>T. R., watch case maker</td>
<td>449V16</td>
</tr>
<tr>
<td>Traité des Horloges Marines, by Ferdinand Berthoud</td>
<td>453V16</td>
</tr>
<tr>
<td>Traité des Horloges Marines, Supplement, 1787</td>
<td>630V16</td>
</tr>
<tr>
<td>Travelling Clocks,</td>
<td>375V16</td>
</tr>
<tr>
<td>Bramer, William,</td>
<td>376V16</td>
</tr>
<tr>
<td>Quare, Daniel,</td>
<td>376V16</td>
</tr>
<tr>
<td>Tompion, Thomas, miniature grande sonnerie clock</td>
<td>118V16</td>
</tr>
<tr>
<td>Tregent, James, gold and enamelled watch with chatelaine,</td>
<td>453V16</td>
</tr>
<tr>
<td>Treherne, Alan,</td>
<td>594V16</td>
</tr>
<tr>
<td>English influence on American watch manufacture</td>
<td>414V16</td>
</tr>
<tr>
<td>Nantwich Clockmakers (review)</td>
<td>494V16</td>
</tr>
<tr>
<td>Tuck, Paul, A. H. S. tour of Holland</td>
<td>534V16</td>
</tr>
<tr>
<td>Turkish Market, watch and chatelaine,</td>
<td>96V16</td>
</tr>
<tr>
<td>watch by LeRoy,</td>
<td>281V16</td>
</tr>
<tr>
<td>Turner, Anthony, Astrolabes (review)</td>
<td>281V16</td>
</tr>
<tr>
<td>Turret Clocks,</td>
<td>534V16</td>
</tr>
<tr>
<td>&quot; Anonymous Swiss watch,</td>
<td>96V16</td>
</tr>
<tr>
<td>Anonymous Swiss watch,</td>
<td>462V16</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

dials 289
Dutch Society for Restoration 464
escapements, lecture by Chris McKay 69, 362
museum, Delligsen 336
museum, Mindelheim 336
restoration and conservation, seminar 364
synchronous mains type 366
Turret Clocks in the Low Countries, lecture by E. J. Tyler 246
waiting train' system 471

Turret Clocks, Locations, Apethorpe Church 29
Belton Church 343
Bletsoe Church 598
Brereton, Cheshire 245
Childrey St. Mary's Church, 264
Clipsham Church, 46
Dean Church 598
Dover Castle, 404
East Horsley, St. Martin's Church 245
Empingham Church 47
Felmersham Church 598
Hargreave Church 598
Kingscliffe Church 51
Letchworth, St. Andrew's Church, 265
Liverpool, Exchange Railway Station, 244
Liverpool Museum 245
Market Bosworth 344
Melchbourne Church 598
Nassington Church 28
Oakley Church 598
Oundle Church 51
Pamplona, St. Saturnino 277
Perpignan, Palais des Rois de Majorque 392
Peterborough Cathedral 43, 50
Prescot Museum 244
Ridgeway Parish 263
Salisbury Cathedral, 399
Shanghai 367
Shambrook Church 598
Shelton Church 598
Sparsholt, Holy Cross Church, 263
Stamford, All Saints' Church 41
Stamford, St. Mary's Church 43
Swineshead Church 598
Tinwell Church 40
Vitoria, church of San Miguel Arcangel 275
Wymington Church 598
Zaans Uurwerkenmuseum 273

Turret Clock Makers, Ainsworth, Warrington (attrib.), 366
Anonymous French ca. 1690, 328
Bradley, Langley (stolen) 528
Clarke, P. 366
Clement, William, 405
Condliff, James, no.1819?, 244
Condliff, Thomas 244
Cooke, Thomas & Sons, 245
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cope, G. &amp; F.</td>
<td>245V16</td>
</tr>
<tr>
<td>Deacon, Samuel</td>
<td>343-4V16</td>
</tr>
<tr>
<td>Gamier, Paul</td>
<td>368V16</td>
</tr>
<tr>
<td>Gent &amp; Co., the Liver clock</td>
<td>245V16</td>
</tr>
<tr>
<td>Gent of Leicester, in Shanghai</td>
<td>368V16</td>
</tr>
<tr>
<td>Gillett &amp; Bland</td>
<td>245, 251V16</td>
</tr>
<tr>
<td>Johnson, John</td>
<td>244, 411V16</td>
</tr>
<tr>
<td>Joyce of Whitchurch</td>
<td>368V16</td>
</tr>
<tr>
<td>Schierwater &amp; Lloyd</td>
<td>245V16</td>
</tr>
<tr>
<td>Smith, William,</td>
<td>526V16</td>
</tr>
<tr>
<td>Standard Time and Telephone Co.</td>
<td>244V16</td>
</tr>
<tr>
<td>Synchronome,</td>
<td>367V16</td>
</tr>
<tr>
<td>Thomas, Seth</td>
<td>368V16</td>
</tr>
<tr>
<td>Thwaites &amp; Reed, signed Penlington</td>
<td>245V16</td>
</tr>
<tr>
<td>Van Call, Jan</td>
<td>268V16</td>
</tr>
<tr>
<td>Van Preda, Heynrick</td>
<td>269V16</td>
</tr>
<tr>
<td>Walker, John</td>
<td>244-5V16</td>
</tr>
<tr>
<td>Weight, Henry</td>
<td>365V16</td>
</tr>
<tr>
<td>Whitehurst, Derby,</td>
<td>365V16</td>
</tr>
<tr>
<td>Wignall, G. &amp; J.</td>
<td>246V16</td>
</tr>
<tr>
<td>Turriano, Juanelo, book by A. Garcia-Diego (review)</td>
<td>519-520V16</td>
</tr>
<tr>
<td>Tuscany, Grand Duke Of, bracket clock by Tompion,</td>
<td>178-9, 202, 372, 374V16</td>
</tr>
<tr>
<td>Tuvet, Edward, watch,</td>
<td>96V16</td>
</tr>
<tr>
<td>Tyler, E. J., Turret Clocks in the Low Countries, lecture</td>
<td>246V16</td>
</tr>
<tr>
<td>Tyler, George, watch,</td>
<td>466V16</td>
</tr>
<tr>
<td>Uchida, Hoshimi, Osaka Watch Incorporated (review)</td>
<td>520V16</td>
</tr>
<tr>
<td>Unite, Matthias, bracket timepiece,</td>
<td>4V16</td>
</tr>
<tr>
<td>Up-And-Down Indicator, humpback carriage clock by Mallet,</td>
<td>541V16</td>
</tr>
<tr>
<td>Utrecht, National Museum Van Speelklok Tot Pierement,</td>
<td>15V16</td>
</tr>
<tr>
<td>barrel organ by J. Walker</td>
<td>268V16</td>
</tr>
<tr>
<td>turret clock by Jan Van Call</td>
<td>268V16</td>
</tr>
<tr>
<td>Vallin, Nicholas,</td>
<td>385V16</td>
</tr>
<tr>
<td>horizontal table clock</td>
<td>268V16</td>
</tr>
<tr>
<td>reproduction of 1598 clock</td>
<td>197, 225V16</td>
</tr>
<tr>
<td>turret clock</td>
<td>268V16</td>
</tr>
<tr>
<td>Van Ceulen, Johannes, ebony veneered table clock,</td>
<td>15V16</td>
</tr>
<tr>
<td>Van Cittbert-Eymers, J.O. &amp; Hagen, M. J., Sundials in the Netherlands (review)</td>
<td>521V16</td>
</tr>
<tr>
<td>Vanderbilt Collection, anonymous tortoiseshell bracket clock,</td>
<td>445V16</td>
</tr>
<tr>
<td>Van Preda, Heynrick, turret clock</td>
<td>269V16</td>
</tr>
<tr>
<td>Varley &amp; Port, master clock system,</td>
<td>473V16</td>
</tr>
<tr>
<td>Vaughan, Dennis, Charles Shepherd's Electric Clocks, lecture</td>
<td>66V16</td>
</tr>
<tr>
<td>Vero, John, clockmaker</td>
<td>342, 355, 356V16</td>
</tr>
<tr>
<td>Vick, Richard, bracket clock (stolen),</td>
<td>528V16</td>
</tr>
<tr>
<td>Victor Emanuel, H. M. S.</td>
<td>509V16</td>
</tr>
<tr>
<td>Vienna Regulators,</td>
<td>306V16</td>
</tr>
<tr>
<td>Anonymous Biedermeier period,</td>
<td>321V16</td>
</tr>
<tr>
<td>Anonymous, two-month going,</td>
<td>198V16</td>
</tr>
<tr>
<td>Lanterndluhr and Dachluhr type,</td>
<td>94V16</td>
</tr>
<tr>
<td>Liszt, Anton,</td>
<td>212V16</td>
</tr>
<tr>
<td>Viner, Charles Edward, bracket clock,</td>
<td>275V16</td>
</tr>
<tr>
<td>Vitoria,</td>
<td>275V16</td>
</tr>
<tr>
<td>turret clock in San Miguel Arcangel</td>
<td>275V16</td>
</tr>
<tr>
<td>watch and clockmakers of</td>
<td>275V16</td>
</tr>
<tr>
<td>Provincial Museum paintings showing clocks</td>
<td>275V16</td>
</tr>
</tbody>
</table>
Vizcaya Museum Of Fine Arts, paintings showing clocks and watches

Vockenberger, Vienna, year-going regulator, 438
Vulliamy, Benjamin Lewis, longcase clock no.441, 550
Vulliamy, Justin, bracket clock, 105

W
Wagner, Carl Theodor, electric master clock system 468
Wagon Spring Clock 552
Walker, J., English barrel organ 268
Walker, John, turret clock in Liverpool Museum 245
turret clock no.6841 244
Walker & Hughes, dialmakers 352

Wall Clocks,
Anonymous Dutch Friesland type (stolen) 421
Arenys of Catalonia, 269
Dunlop, Conyers, 18
Dutton, Matthew & Thomas (stolen), 420
Hanny, Joseph 250
Jardine, John, 533
Kipling, William (stolen) 421
Knibb, Joseph 273
Leichti 271
Maltese type, 271
Moss, Thomas (stolen) 421
Penny, Charles, 592
Reid & Sons, 408
Richardson, Goole 409
Rose, Ronald, lecture 595
Van Call, Jan. 197

Wall Regulator see Regulator

Walsh, H., watchmaker (?) of Reading 638
Warren, watch no.31 595
Warren, James. bracket clock (stolen) 527
Warren, William, longcase clock, 221

Washington, Smithsonian Institute, horizontal table clock by Edward East 385
watch by Howard, Davis & Dennison no.1 595

Watch see also Chronometer, Pocket

Watch,
Anonymous with chatelaine for Turkish market, 534
Anonymous 8-day 526
Anonymous with tourbillon escapement, 194
Anonymous, Swiss with tourbillon, 187, 644
Anonymous, Swiss automaton, 453
Arnold, John, no.1, 415
Ashley, Edward 412
Beck, R., no.84846 287
Berrollas winding mechanism 377
Berrueta, D. Tomas 275
Bovet, Fleurier, 318
Berthoud, astronomical, no.1, 160-163
Berthoud, astronomical, no.2 160
Berthoud, Ferdinand, no.417, 158-165
Boyson, J. N., no.67, 496
Breguet (signed) with automata (stolen), 529
Breguet, with 6-minute tourbillon
Breguet, no.3270
Bucknell, William, no.3522
Chapeau, Peter, no.1190,
Clarke & Dunster,
Colley, Richard, no.258
Colston, Richard, with six-hour dial,
Cowell, London, no.8323
Custer, J. D., no.2
Dannison, no.670731 (stolen)
Deacon Family
Dent, London, no.32573
Earnshaw, Thomas, no.4752
East, Edward,
Fenie, M.,
Golay Fils & Stahl, no.28432,
Goode, Charles
Grinkin, Robert, Jnr.
Haley & Milner, no.2751
Harper, Henry,
Hawley, John, no.83802,
Hoogendyk, Steven,
Howard, Davis & Dennison, no.1
Jaeger Le Couteur,
Johnson, Joseph, no.2186
Kroese, J. P.
Lange, A. & Söhne, no.31471,
Lemaindre, Blois,
Le Roy, Paris
Margetts, George, no.1251,
Martin, Thomas
Markwick, London,
Markwick, J., no.3565,
Massy, London,
McCabe, James, no.4837
Mellin, Corneille,
Moinet, Louis
Morin, Louis, no.246,
Mudge & Dutton, no.1191,
Munsey, D.
Nauta, Francis,
Palacios, D. Odón
Patek Philippe,
Perrelet (attrib.),
Pinnington, Thomas,
Pitkin, J. F.
Pratt, R. B., no.18366
Quare, Daniel, no.3084,
Ramsay, David
Reber, Bernard, no.14
Rembaurg, London, with chatelaine,
Roumieu, Paul, Snr.
Russell, Alfred & Co., no.80068,
Sarton, Humbert, No. 758
Simmes, Isaac,
Smith, S. & Sons,
Somerville, Francis, no.201
<table>
<thead>
<tr>
<th>Name</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swaan, Peter</td>
<td>496V16</td>
</tr>
<tr>
<td>Taylor, John</td>
<td>378V16</td>
</tr>
<tr>
<td>Thomas, Mary E.</td>
<td>63V16</td>
</tr>
<tr>
<td>Thorp, Samuel</td>
<td>412V16</td>
</tr>
<tr>
<td>Tobias, Morris</td>
<td>411V16</td>
</tr>
<tr>
<td>Tobias, Morris</td>
<td>594V16</td>
</tr>
<tr>
<td>Tomlinson, William</td>
<td>411V16</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>411V16</td>
</tr>
<tr>
<td>Tregent, James</td>
<td>453V16</td>
</tr>
<tr>
<td>Tyler, George</td>
<td>466V16</td>
</tr>
<tr>
<td>Warren</td>
<td>595V16</td>
</tr>
<tr>
<td>Webster, William</td>
<td>411V16</td>
</tr>
<tr>
<td>Whitwel, Charles</td>
<td>379V16</td>
</tr>
<tr>
<td>Wilson, Joshua</td>
<td>638V16</td>
</tr>
<tr>
<td>Windmills, Joseph</td>
<td>578V16</td>
</tr>
<tr>
<td>Windmills, Thomas</td>
<td>173V16</td>
</tr>
<tr>
<td>Windmills, Thomas</td>
<td>578V16</td>
</tr>
<tr>
<td>Windmills, Thomas</td>
<td>579V16</td>
</tr>
<tr>
<td>Wood, William</td>
<td>593-4V16</td>
</tr>
<tr>
<td>Yeates, Robert</td>
<td>637V16</td>
</tr>
<tr>
<td>Watchcase Makers</td>
<td>V16</td>
</tr>
<tr>
<td>Grove, Richard</td>
<td>590V16</td>
</tr>
<tr>
<td>Groves, Ann</td>
<td>590V16</td>
</tr>
<tr>
<td>Jaques, William</td>
<td>578V16</td>
</tr>
<tr>
<td>Willoughby, John</td>
<td>578V16</td>
</tr>
<tr>
<td>Watchcase Polisher</td>
<td>V16</td>
</tr>
<tr>
<td>Watches, lecture</td>
<td>593V16</td>
</tr>
<tr>
<td>Watches Reborn,</td>
<td>360V16</td>
</tr>
<tr>
<td>Watch Escapements</td>
<td>V16</td>
</tr>
<tr>
<td>Debaufre, Sully</td>
<td>386V16</td>
</tr>
<tr>
<td>Watch Movement</td>
<td>590V16</td>
</tr>
<tr>
<td>Watchmaking in</td>
<td>415V16</td>
</tr>
<tr>
<td>Waterman, Christine</td>
<td>490V16</td>
</tr>
<tr>
<td>Watson, Eric</td>
<td>361V16</td>
</tr>
<tr>
<td>Watson, Samuel</td>
<td>285V16</td>
</tr>
<tr>
<td>Watts, F. E. &amp; G.</td>
<td>344V16</td>
</tr>
<tr>
<td>Watts, John</td>
<td>34, 49V16</td>
</tr>
<tr>
<td>Watts, John, Jnr.</td>
<td>38V16</td>
</tr>
<tr>
<td>Wattne, John</td>
<td>647V16</td>
</tr>
<tr>
<td>Webb &amp; Son</td>
<td>642V16</td>
</tr>
<tr>
<td>Webster, Hugglescote</td>
<td>342V16</td>
</tr>
<tr>
<td>Webster, London</td>
<td>642V16</td>
</tr>
<tr>
<td>Webster, William</td>
<td>200V16</td>
</tr>
<tr>
<td>Webberfield</td>
<td>445V16</td>
</tr>
<tr>
<td>Weight, Henry</td>
<td>365V16</td>
</tr>
<tr>
<td>Weld, family tree</td>
<td>506V16</td>
</tr>
<tr>
<td>Weld, Sir John</td>
<td>502V16</td>
</tr>
<tr>
<td>Wentworth, Sir John</td>
<td>530V16</td>
</tr>
<tr>
<td>Westwood, R.</td>
<td>638V16</td>
</tr>
<tr>
<td>Wettenhall, Richard</td>
<td>588, 590V16</td>
</tr>
<tr>
<td>Name</td>
<td>Volume</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Whatmore, Philip</td>
<td>16</td>
</tr>
<tr>
<td>Turret Clocks in Shanghai</td>
<td></td>
</tr>
<tr>
<td>Wheel-Cutting Engine by Daniel Sephton</td>
<td>16</td>
</tr>
<tr>
<td>White, G. S. J.</td>
<td>16</td>
</tr>
<tr>
<td>A Polyhedral Sundial at Iron Acton Court</td>
<td></td>
</tr>
<tr>
<td>Whitehall Palace</td>
<td>16</td>
</tr>
<tr>
<td>polychedral sundial</td>
<td></td>
</tr>
<tr>
<td>Whithurst, Derby</td>
<td>16</td>
</tr>
<tr>
<td>sidereal clock</td>
<td>16</td>
</tr>
<tr>
<td>turret clock</td>
<td>16</td>
</tr>
<tr>
<td>Whithorn Wigtownshire</td>
<td>16</td>
</tr>
<tr>
<td>sundial</td>
<td></td>
</tr>
<tr>
<td>Whitney, Marvin</td>
<td>16</td>
</tr>
<tr>
<td>History and Development of the Chronometer</td>
<td>16</td>
</tr>
<tr>
<td>Whitwel, Charles</td>
<td>16</td>
</tr>
<tr>
<td>verge watch</td>
<td>16</td>
</tr>
<tr>
<td>WI, watchcase maker</td>
<td>16</td>
</tr>
<tr>
<td>Wickstead, Isaac</td>
<td>16</td>
</tr>
<tr>
<td>watch no.1360</td>
<td></td>
</tr>
<tr>
<td>Wightman, William</td>
<td>16</td>
</tr>
<tr>
<td>Whitwel, Charles</td>
<td>16</td>
</tr>
<tr>
<td>watch no.1360</td>
<td></td>
</tr>
<tr>
<td>Wignall, G. &amp; J.</td>
<td>16</td>
</tr>
<tr>
<td>turret clock</td>
<td></td>
</tr>
<tr>
<td>Wigston, William</td>
<td>16</td>
</tr>
<tr>
<td>skeleton clock maker</td>
<td></td>
</tr>
<tr>
<td>Wilcox, watch jeweller</td>
<td>16</td>
</tr>
<tr>
<td>Wilding, J.</td>
<td>16</td>
</tr>
<tr>
<td>A Modern Tower Clock Installation including Striking Work (review)</td>
<td>16</td>
</tr>
<tr>
<td>Wills,</td>
<td>16</td>
</tr>
<tr>
<td>Simmes, Isaac</td>
<td></td>
</tr>
<tr>
<td>Windmills, Joseph</td>
<td>16</td>
</tr>
<tr>
<td>Windmills Thomas</td>
<td></td>
</tr>
<tr>
<td>William III, presents clock to Duke of Tuscany</td>
<td>16</td>
</tr>
<tr>
<td>Williamson, equation work</td>
<td></td>
</tr>
<tr>
<td>Willoughby, John</td>
<td>16</td>
</tr>
<tr>
<td>watchcase maker</td>
<td></td>
</tr>
<tr>
<td>Wilson, John</td>
<td>16</td>
</tr>
<tr>
<td>dial maker of Birmingham</td>
<td></td>
</tr>
<tr>
<td>Wilson, Joshua</td>
<td>16</td>
</tr>
<tr>
<td>watch no.1745</td>
<td>16</td>
</tr>
<tr>
<td>Wilson, Michael</td>
<td>16</td>
</tr>
<tr>
<td>Watches Reborn, lecture</td>
<td></td>
</tr>
<tr>
<td>Winbauer, Vienna</td>
<td>16</td>
</tr>
<tr>
<td>electric clock mechanism</td>
<td></td>
</tr>
<tr>
<td>Winding Mechanisms,</td>
<td>16</td>
</tr>
<tr>
<td>Berrollas, Joseph</td>
<td></td>
</tr>
<tr>
<td>Perrelet (attrib.), pedometer type,</td>
<td>16</td>
</tr>
<tr>
<td>Windmills, London</td>
<td>16</td>
</tr>
<tr>
<td>bracket timepiece</td>
<td>16</td>
</tr>
<tr>
<td>bracket clock, kingwood and holly,</td>
<td>16</td>
</tr>
<tr>
<td>bracket clock, silver mounted,</td>
<td></td>
</tr>
<tr>
<td>longcase clock (stolen)</td>
<td>16</td>
</tr>
<tr>
<td>longcase clock at Cusworth Hall</td>
<td></td>
</tr>
<tr>
<td>longcase clock, month-going,</td>
<td>16</td>
</tr>
<tr>
<td>longcase clock, month-going, walnut,</td>
<td>16</td>
</tr>
<tr>
<td>longcase clock, musical</td>
<td>16</td>
</tr>
<tr>
<td>longcase clock in Victoria and Albert Museum</td>
<td>16</td>
</tr>
<tr>
<td>longcase clock, walnut</td>
<td>16</td>
</tr>
<tr>
<td>longcase clock, walnut</td>
<td>16</td>
</tr>
<tr>
<td>table clock with facetted mirror panels</td>
<td>16</td>
</tr>
<tr>
<td>watches</td>
<td></td>
</tr>
<tr>
<td>watch no.5272</td>
<td></td>
</tr>
<tr>
<td>Windmills, Joseph</td>
<td>16</td>
</tr>
<tr>
<td>bracket clock (stolen)</td>
<td>16</td>
</tr>
<tr>
<td>bracket clock with calendar,</td>
<td></td>
</tr>
<tr>
<td>lantern clock</td>
<td>16</td>
</tr>
<tr>
<td>longcase clock with alarm</td>
<td>16</td>
</tr>
<tr>
<td>master of Clockmakers’ Company</td>
<td></td>
</tr>
<tr>
<td>wandering-hour watch with arms of William III</td>
<td>16</td>
</tr>
<tr>
<td>will</td>
<td></td>
</tr>
<tr>
<td>Windmills, Joseph and Thomas, article by J. A. Neale</td>
<td>16</td>
</tr>
<tr>
<td>Windmills, Joseph and Thomas, family tree</td>
<td>16</td>
</tr>
</tbody>
</table>
Windmills, Joseph and Thomas, lecture by J. A. Neale 487\textsuperscript{V16}

Windmills, Thomas, \textsuperscript{V16}

watch no.8370, 579\textsuperscript{V16}

will 583\textsuperscript{V16}

Winkler, Dr. Gernot, Atomic Time, Atomic Clocks and Present Research on Hydrogen Masers, lecture \textbf{168}\textsuperscript{V16}

Winterthur, Kellenberger Museum watch no.3565 by J. Markwick, 177\textsuperscript{V16}

Winstanley, Wigan, longcase clock 186\textsuperscript{V16}

Wise, John, longcase clock, 8\textsuperscript{V16}

Wise, Thomas, longcase clock, 206\textsuperscript{V16}

Wood, John, watchmaker 632\textsuperscript{V16}

Wood, William, watch, 593-4\textsuperscript{V16}

Wood, William Archibald, The Days of John Wood, Watchmaker (review) 632\textsuperscript{V16}

Wooden Clock, longcase clock by Robert Sutton 4407\textsuperscript{V16}

Woodward, Philip, Kater's escapement 73\textsuperscript{V16}

Workbook of Solon Abbott of New Hampshire 595\textsuperscript{V16}

Working Hours in the Middle Ages, article by G. D. van Rossum 145\textsuperscript{V16}

World Time Clock, Anonymous 552\textsuperscript{V16}

Worshipful Company Of Clockmakers, \textsuperscript{V16}

apprentices in 17th century 607\textsuperscript{V16}

exhibition of British watch and clockmaking 224\textsuperscript{V16}

freedoms 1631-1700 608\textsuperscript{V16}

Sidney Sanders bursary, 464\textsuperscript{V16}

watch by John Jeffries, 157\textsuperscript{V16}

Wright, Thomas, mahogany regulator, month-going 332\textsuperscript{V16}

Wright, William, \textsuperscript{V16}

longcase clock, 33\textsuperscript{V16}

mantel timepiece 332\textsuperscript{V16}

Wyoming Church, turret clock 598\textsuperscript{V16}

Yeates, Robert, watch no.1234 637\textsuperscript{V16}

York Civic Trust, Noel Terry Collection 632\textsuperscript{V16}

Young, John, pocket chronometer with repeat 411\textsuperscript{V16}

Z

Zaans Uurwerkenmuseum 273\textsuperscript{V16}

Zappler Clock, Anonymous, 446\textsuperscript{V16}

Zelini, Giovanni de, clockmaker 146\textsuperscript{V16}

Zerella y Ycoaga, watchmaker 277-8\textsuperscript{V16}

Zon als Kiok, Zonneewijers, by J. A. F. Rijk (review) 73\textsuperscript{V16}

Zugasti, Faustino, clockmaker 280\textsuperscript{V16}
List of Articles

Clocks In Greenwich List Of Observatories By Derek Howse 30
Joseph Ellicott: Master Clockmaker By Richard Mones & Richard W. S. Jones 39
The 'Pulsynetic' System and its place in the History of Electric Clocks An Introductory Study - Final Part By D. J. Bird 56
The 'Doctors' Watch An Addendum By Johann Wenzel 67
'Who Was Harry Callowey?' By Guy Boney 69
A Bill of John Ellicott's for Turret Clock Repairs By John R. Millburn 77
William Bond Astronomical Regulator No.395 By R. J. Griffiths 132
A 'Compteur Militaire' Pocket Watch By Joachim Mauss 145
The 'Discontented Pendulum' An Ephemeral Tale 164
The Clock-Driven Celestial Globes of Qi Mei-Lu and Others By John H. Combridge 165
The Later Fromanteels By Percy Dawson 175
A Chronometer/Chronograph By Leonard Paller 179
The Shelton Clock At Kodaikanal By R. K. Kochhar 181
The French Republican Calendar By Geoffrey Wilson 249
A Joseph Knibb Longcase Clock with early Anchor Escapement By Christopher Greenwood 259
Horology Under The Hammer (Auction Review 1986-87) By R. J. Law 274
Watch making on the Naugatuck 281
Treatise on Marine Timekeepers By Charles Aked 282
AHS Welsh Tour 1987 (A Description of some outstanding items seen) By Paul Tuck 291
Wrist Watches 1910-1920 (An Introductory Study) By Dennis Harris 357
Thomas Earnshaw's Numbering Sequence By A. G. Randall 367
A Lathe For Watchmaking (The Development of the Swiss Automatic Lathe) By D. H. Bacon 382
Winding Indicators By A. M. Baldwin 395
An Extensive Burglary 411
The Cuckoo Clocks of Johann Baptist Beha By Dr. Wilhelm Schneider 455
Julien Le Roy's Improved Horizontal Sun-dial By A. J. Turner 463
The Business Records Of Turner and Birch, 1834-1920 By Alun C. Davies 476
The English Remontoire Escapement Regulator By Christopher Wood 483
An Early Lever Escapement By Charles K. Aked 491
More Tilting at Windmills By J. A. Neale 563
Three Letters from George Graham By Charles K. Aked 597
An Unusual Chronometer Timepiece (Attributed to John Roger Arnold) By Geoffrey C. Crabtree 606
Barraud and Lund 2/847 (A Detective Story) By Leonard Paller 608
Charles Goode - C. W. (An Enigma) By Paul Tuck 610
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

A

A. B. & D., carriage clock 338
Aberdeen, Maritime Museum, AHS visit 587
Aberdeen, Provost Skene's House, AHS visit 587
Aberdeen University, Horological Collection, lecture by Dr. Reid 586
Aberystwyth, Ceredigion Museum, Miles of London, pocket chronometer, stolen 202
Act of Parliament see Wall Clock
Advertisement, Camerer Cuss & Co. 439
wristwatch 358
Aish, R. G., watch, stolen 311
Aked, Charles, AHS Tour of Holland, lecture 155
brief biography 467
An Early Lever Escapement 491
The Perpignan Clock, lecture 379
Three Letters From George Graham 597
A Treatise On Marine Timekeepers 283
Alarm, Clocks with 17
anonymous, lantern clock, stolen 203
Bagley, Thomas, lantern clock 528
Beake, Jonathan, wall clock 318
Breguet of Paris, carriage clock No.3971 518
Cugnier, travelling clock 348
Dent of London, carriage clock 547
Drocourt of Paris, carriage clock 107
Earnshaw, Thomas, carriage clock 510
Fromanteel of London, bracket clock, (ebony) 175
Fromanteel of London, bracket clock, (princes wood) 176
Fromanteel & Clarke, bracket clock 178
Goode, Charles, lantern clock 610
Graham, George, longcase clock No.510 28
Grant of London, bracket clock No.310 221
Grohe of London, carriage clock 338
Harben, Thomas, wall clock, stolen 92
Ireland, Henry, lantern clock, stolen, 343
Laroche, H., alarm clock, stolen 410
Margaine of Paris, carriage clock 546
Scott, George, longcase clock 150
Viner of London, watch No.456, stolen 91
Windmills, Joseph, lantern clock 579
Windmills, Joseph, longcase clock 577
Aldridge, Thomas, longcase clock, stolen 514
Alford, Grampian, turret clock 587
Allam of London, regulator 31
Allatt, George, living in Tompion's house 69
Alsope, Joshua, longcase clock 120
Alum Bay Museum, clock collection 19
Amant, pin-wheel escapement 496
American clocks and clockmakers 186-7, 372-3
American Invasion of Time, lecture by Allun Davies 154
Andrewes, Will, Watch Escapements, lecture 378
Andrewes and Randall, Precision Timekeeping, lecture 378
Anhui Provincial Museum, China, celestial globe 166
Annual General Meeting 17
Irish Section 591
London 149, 467
Scottish Section 151, 587
Southern Section 153, 590
Antiquarian Horological Society, V17

Tour of Holland, lecture by Charles Aked 155V17
Tour of Wales, by Paul Tuck 291V17

Antiquarian Horology, lecture by Kevin Chellar 376V17

Antram, Joseph, watchmaker 575V17

Antwerp, turret clock at St. Jacob's 244V17

Archambo, J., watch No.733, outer case stolen 92V17

Armorial Devices V17

unidentified, on a watch case 612V17
Whittington of Gloucestershire 279-80V17
Williams of Monmouthshire 280V17

Army & Navy Stores, 1907 watches 357V17

Arnold of London, regulators 31V17

Arnold, John, Marine chronometer No.1/36 267V17
marine chronometer No.2/43 267V17
marine chronometer No.176 48, 472V17
marine chronometer No.30/120 267, 279V17

Arnold, John & Son, marine chronometer V17
No.85/175 279V17
marine chronometer No.108/198 279V17
pocket chronometer No.99 129V17
pocket chronometer No.108/409 339V17

Arnold, John Roger, mantel chronometer 606V17

Arnold & Dent, regulator (Birr castle) 50V17
regulator (Radcliffe Observatory) 31V17

Arsenius, Guallterus, astrolabe, 1559 434, 562V17

Ash, Kent, turret clock 160V17

Aspinwall, Samuel, watchmaker 271V17

Asprey, Exhibition of marine chronometers, review 300V17

Astrolabe, Arsenius, Galterus, 1559 434, 562V17

Astronomical clocks V17

Brameld, Timothy, regulator 151V17
Copland & King 587V17
De Dondi 266V17
Exeter Cathedral 151V17
Hartley, John, longcase clock 197V17
Hilleyard, Thomas, bracket clock 499V17
Jarvis, Roland, regulator 248V17
Norton, Eardley, clock 40V17
Rittenhouse, David, clock 39V17

Asylum, clock and watch makers' 407V17

Atkin's see Brockbank & Atkins V17

Atomic clock 266V17

Auch of Gotha, regulator 31V17
Auch of Weimar, regulator 31V17

Auction House, The Work Of, lecture by Richard Garnier 47V17

Audouin, William, bracket timepiece 121V17
longcase clock, 332-2V17

Augenwender, cuckoo clock 460V17

Auld, D.C., shop in painting 508V17

Automata V17

anonymous, banjo player 587V17
anonymous, singing bird 119V17
anonymous, cuckoo clock 460V17
anonymous, mantel clock 401V17
anonymous, watch, stolen 409V17
<table>
<thead>
<tr>
<th>Name</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anonymous, singing bird watch</td>
<td>229V17</td>
</tr>
<tr>
<td>Anonymous, singing bird watch</td>
<td>562V17</td>
</tr>
<tr>
<td>Bruguier, C. A., singing No.595</td>
<td>323V17</td>
</tr>
<tr>
<td>Ellicott, Joseph, longcase clock</td>
<td>42V17</td>
</tr>
<tr>
<td>Habrecht, Isaac, carillon clock</td>
<td>521V17</td>
</tr>
<tr>
<td>Ingold, Pierre, singing bird clock</td>
<td>266V17</td>
</tr>
<tr>
<td>Jaquet-Droz, Neuchâtel Museum</td>
<td>474V17</td>
</tr>
<tr>
<td>Latter, Andrew, longcase clock</td>
<td>514V17</td>
</tr>
<tr>
<td>Lee, James, wall clock</td>
<td>374V17</td>
</tr>
<tr>
<td>Phippard, Thomas, longcase clock</td>
<td>521V17</td>
</tr>
<tr>
<td>Pontone of Paris, clock, stolen</td>
<td>201V17</td>
</tr>
<tr>
<td>Wills, Edmund, longcase clock</td>
<td>269V17</td>
</tr>
<tr>
<td>Automatic Standard Screw Company, patent lathe, 1889</td>
<td>390V17</td>
</tr>
<tr>
<td>Avebury Museum, turret clock</td>
<td>592V17</td>
</tr>
<tr>
<td>Avebury, Wilts., turret clock, St. James's church</td>
<td>592V17</td>
</tr>
<tr>
<td>Aylward, John, longcase clock</td>
<td>544V17</td>
</tr>
<tr>
<td>Aynsworth, wheel and pinion maker</td>
<td>373V17</td>
</tr>
<tr>
<td>B</td>
<td></td>
</tr>
<tr>
<td>B, with a coronet above, punch mark</td>
<td>576V17</td>
</tr>
<tr>
<td>Bacon, D. H., A Lathe For Watchmaking</td>
<td>382V17</td>
</tr>
<tr>
<td>Badollet of Geneva, watch No.13711</td>
<td>306-7, 511V17</td>
</tr>
<tr>
<td>Bagley, Thomas, lantern clock</td>
<td>528V17</td>
</tr>
<tr>
<td>Bagnal, Benjamin, longcase clock</td>
<td>194V17</td>
</tr>
<tr>
<td>Bailie, Sir W. N., turret clock</td>
<td>373V17</td>
</tr>
<tr>
<td>Bain, Alexander, lecture by Dr. Willem Hackmann</td>
<td>468V17</td>
</tr>
<tr>
<td>Baker see Frodsham &amp; Baker</td>
<td>17</td>
</tr>
<tr>
<td>Baker, Henry, regulators</td>
<td>31V17</td>
</tr>
<tr>
<td>Balance, Daniel Bernoulli's comments</td>
<td>284V17</td>
</tr>
<tr>
<td>Balance, chronometer, Arnold 'double-T'</td>
<td>267V17</td>
</tr>
<tr>
<td>Arnold 'OZ'</td>
<td>339V17</td>
</tr>
<tr>
<td>Arnold 'YZ'</td>
<td>279V17</td>
</tr>
<tr>
<td>Arnold 'Z'</td>
<td>279, 295, 606V17</td>
</tr>
<tr>
<td>Barraud &amp; Lund</td>
<td>211V17</td>
</tr>
<tr>
<td>Dent 'staple'</td>
<td>547V17</td>
</tr>
<tr>
<td>Hartnup</td>
<td>112V17</td>
</tr>
<tr>
<td>Balance spring, double</td>
<td>289V17</td>
</tr>
<tr>
<td>Baldock, G. R. &amp; Co., wrist-watch advertisement</td>
<td>360V17</td>
</tr>
<tr>
<td>Baldwin, A. M., Winding Indicators</td>
<td>395V17</td>
</tr>
<tr>
<td>Baltazar, Charles, bracket clock, stolen</td>
<td>626V17</td>
</tr>
<tr>
<td>Balthazar, Henri, regulators</td>
<td>31V17</td>
</tr>
<tr>
<td>Banger, see Tompion &amp; Banger</td>
<td>17</td>
</tr>
<tr>
<td>Banger, Edward, clockmaker</td>
<td>69V17</td>
</tr>
<tr>
<td>Banks, Sir Joseph</td>
<td>368V17</td>
</tr>
<tr>
<td>'Banks, Robert, bracket clock, stolen</td>
<td>411V17</td>
</tr>
<tr>
<td>Baradelle, Jacques, sundial</td>
<td>226V17</td>
</tr>
<tr>
<td>Barcelona Museum, Windmills of London, watch</td>
<td>570V17</td>
</tr>
<tr>
<td>Barnham &amp; Son, clockmakers</td>
<td>158V17</td>
</tr>
<tr>
<td>Barometer, Chevallier, Queslin</td>
<td>440V17</td>
</tr>
<tr>
<td>Dollond of London</td>
<td>629V17</td>
</tr>
<tr>
<td>Gohin of Paris</td>
<td>440V17</td>
</tr>
<tr>
<td>Barometric pressure, effects on clock rate</td>
<td>144V17</td>
</tr>
<tr>
<td>Barnard Castle, Bowes Museum, mantel clock, stolen</td>
<td>626V17</td>
</tr>
<tr>
<td>Barraud see Howells, Barraud &amp; Jamison</td>
<td>17</td>
</tr>
<tr>
<td>Barraud of London, longcase clock, stolen</td>
<td>201V17</td>
</tr>
<tr>
<td>marine chronometer No.3503</td>
<td>107V17</td>
</tr>
<tr>
<td>regulators, observatory</td>
<td>32V17</td>
</tr>
<tr>
<td>watch No. 2/1212</td>
<td>310V17</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Barraud & Lund, mantel clock 47\textsuperscript{v17}
mantel clock, stolen 515\textsuperscript{v17}
marine chronometer No.2454 211\textsuperscript{v17}
pocket chronometer No.2/847 608\textsuperscript{v17}
watch No.2/4173 90\textsuperscript{v17}
Barrel, mainspring, Donne's 'resting'
Powell's 'patent' 395\textsuperscript{v17}
Barrel, G. clockmaker 91\textsuperscript{v17}
Barrett, John, clockmaker 160\textsuperscript{v17}
Barston, John, clockmaker 91\textsuperscript{v17}
Bartlett & Sons, clockmakers 590\textsuperscript{v17}
Barton, Thomas, regulator 107\textsuperscript{v17}
Barwise of London, bracket clock, stolen 92\textsuperscript{v17}
bracket clock 426\textsuperscript{v17}
clock No 376 stolen 626\textsuperscript{v17}
Batchwood, St. Albans, turret clock 373\textsuperscript{v17}
Bate of London, bracket clock 634\textsuperscript{v17}
Bath, Pump Room, Tompion, Thomas, longcase clock 292\textsuperscript{v17}
Bath, Victoria Art Gallery, Horstmann Collection 472\textsuperscript{v17}
Bauerle, Jakob & Söhn, cuckoo clock 461\textsuperscript{v17}
Bault & Moyner, watch, stolen 92\textsuperscript{v17}
Baume & Co., advertisement 366\textsuperscript{v17}
Bautte & Co., watch No.64626 510\textsuperscript{v17}
Beake, Jonathan, wall clock 318\textsuperscript{v17}
Beauchet Museum, AHS visit 474\textsuperscript{v17}
Bechler, André, automatic lathe 392\textsuperscript{v17}
Bechler & Cie, automatic lathe 392\textsuperscript{v17}
Bedford, Samuel, clockmaker 579\textsuperscript{v17}
Beech, Jeremy, Beech & Son, Materials House, lecture 376\textsuperscript{v17}
Beha, Engelbert, clockmaker 455\textsuperscript{v17}
Beha, Johann Batist, Cuckoo Clocks, by Dr. W. Schneider 455\textsuperscript{v17}
Beha, Johann Baptister, account books 456\textsuperscript{v17}
clocks 1839-45 456\textsuperscript{v17}
clocks 1842-45 457\textsuperscript{v17}
clocks 1850 459\textsuperscript{v17}
cuckoo clock 622\textsuperscript{v17}
medals won 455\textsuperscript{v17}
portrait 621\textsuperscript{v17}
station-house clocks 460\textsuperscript{v17}
wallclock 425\textsuperscript{v17}
Beha, Lorenz, clockmaker 455\textsuperscript{v17}
Beha, Martin, clockmaker 455\textsuperscript{v17}
Beha, Vinzenz, clockmaker 455\textsuperscript{v17}
Beijing see Peking 583\textsuperscript{v17}
Belcher, Duncan, biography\textsuperscript{v17}
Belfast College of Technology, Millfield Foundry, AHS visit 472\textsuperscript{v17}
Bell, by Dubois, Louis 132\textsuperscript{v17}
Rudhall, John 406\textsuperscript{v17}
Bell Foundry, Millfield 472\textsuperscript{v17}
Taylor of Loughborough 584\textsuperscript{v17}
Bells and Bellringing lecture by Victor Sheppard 374\textsuperscript{v17}
Bennett see Windmills & Bennett\textsuperscript{v17}
Bennett, Charles, skeleton clock 233\textsuperscript{v17}
Bennett, Sir John, 1911 advertisement 358\textsuperscript{v17}
wrist-watch 325\textsuperscript{v17}
Benson, J. W., turret clock 590\textsuperscript{v17}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

watch No.2414 536
wrist-watch 359

Benzies of London, mantel chronometer 427
Beobachtungsuhrten by Norbert Eder, review 296
Bernoulli, Daniel, remarks on marine timekeepers 284
portrait 282
Berrolla of Paris, carriage dock 473
Berthoud of Paris, regulators 32
watch with two mainsprings 89
Berthoud, Ferdinand, Art de Conduir et Regler les Montres 67
marine chronometer 474
marine chronometer No.6 266
portrait Marines 283
Traité des Horloges 282, 284
Berthoud, Louis, escapement 613
marine chronometer No.48 266
Besançon, Musée des Beaux Arts, AHS visit 474
Bieda, David, The Seven Dials, review 614
Big Ben and the Clock Tower, review 185
Big Ben, The Triumphs of by John Darwin, review 81
Big Ben see also Westminster clock

Tyler, John 44
Wadsworth, Francis 44
Wright, Michael 583

Birch see Turner & Birch

Birch, William, watchmaker 479
watch No.1059 481
Birchall, watchmaker 480
Bird, Colonel, inscription on a clock 453
Bird, D. J., The Pulsynetic System 56
Bird, John, quadrant 181
transit instrument 37

Birge, John, clockmaker 373
Birmingham Museum, Windmills of London watch 570
Birr Castle, Co. Offaly, AHS visit 50
Black, Alexander, longcase clock 45, 46
Black Forest cuckoo clocks 455
Blessing, Dominikus, cuckoo clock retailer 458
Bligh, Captain William 472
Bliss, marine chronometer 503
Blockley, Herbert, pocket chronometer No.211215 297
Bolino, August, The Watchmakers of Massachusetts, review 300
Bolton, H., watch No.305, stolen 515
Bond, R. F., detached escapements 142
Bond, William, regulator No. 395 by R. J. Griffiths 137
agent for U.S. Coast Survey 137
family background 142
marine chronometers 503
regulator, 32
workshop 498
Bond, William & Co. lecture by Carlene Stephens 378
Bond, William & Son, regulator No.394 142
regulator No.396 142
Boney, Guy, Who Was Harry Calloway? 69
Bonner, Peter, Carriage Clocks, lecture 48
Books on Horology, lecture by 0. & J. Hadfield 378
Books on Horology, lecture by Rita Shenton 49
Bordier Fils, mantel clock, stolen
Borgel, wrist-watch case
Boston, Massachusetts, observatory
Boucher of Paris, regulators
Bower, John, wheel-cutting engine
Bower, Peter, longcase clock
Bowes Museum see Barnard Castle
Bowles, David, In Search of Clocks in China and Tibet, lecture
Bowyer, William, lantern clock
Boyle, Robert
BP, shell below, punch-mark
Bracebridge, Edward, bracket clock, stolen
Bracket clocks by,
anonymous, French, stolen
anonymous, musical, stolen
anonymous, rosewood
Audoum, William
Baltazar, Charles, stolen
Banks, Robert, stolen
Barwise of London
Barwise of London, stolen
Bate of London
Bracebridge, Edward, stolen
Brulfer of Paris
Callowe, Harry
Carney, Peter
Chater, James, stolen
Cowan, James
D'Angelo & Cadenazzi, stolen
Decharmes, Simon
Denne, John, stolen
Du Grand Mesnil, Claude
Dutton, Matthew & Thomas No.256
East, Edward
Ellicott & Taylor (reproduction)
Emanuel, E & E.
Etherington, George, stolen
Fennel, R.
Finer & Nowland
French, Royal Exchange
Frodsham of London
Fromanteel of London, ebony case,
Fromanteel of London, separate plinth
Fromanteel of London, with alarm
Fromanteel of London, princes wood
Fromanteel, Abraham,
Fromanteel & Clarke
Gantlett, Quintillian
Gould, Christopher, kingwood
Gould, Christopher, ebonised
Graham, George, No.272
Grant of London, No.310
Grant of London, No.401
Grant, John, senior, No.227
Graves, Samuel, stolen
Handley & Moore, stolen
Harrison, John
Hart, Aaron 118
Henard of Paris, stolen 311
Henderson of London 525
Hughes of London, stolen 201
Jackson, Martin 553
Jackson, Thomas 47
Jonas of Teignmouth, stolen 515
Jones, Henry, stolen 310
Knibb, John 216, 324
Knibb, Joseph, tie-tac 108
Knibb, Joseph, now Tompion 279
Lacon, Peter 111
Lamborn, John, stolen 625
Lister, Thomas 355, 416
Lowndes, Jonathan 445
Lupton, C. 316
Marc, Henry 155
Markwick, James 213
Markwick, Markham of London, stolen 310
Massy, Henry, stolen 626
Mondehave, Johannes 235
Monkhouse, John, stolen 626
Moss, Thomas 100
Mudge & Dutton 448
Nash & Wilson 22
Norton, Eardley 329
Perigal, Francis, stolen 514
Prior, George 219
Pyke, Benjamin, stolen 514
Quare, Daniel, No.32 435, 630
Scafe, William 16
Seddon, John 130
Shaw, John 532
Shuttleworth of Piccadilly 426
Shuttleworth, Francis, stolen 269
Steble of Dover, stolen 410
Taylor of Dumfries 265
Tompion, Thomas, ebony 331
Tompion, Thomas, No.56 310
Tompion, Thomas, No.77 275
Tompion, Thomas, No.300 291, 292
Tompion, Thomas, No.467 223
Tompion & Banger, No.286 275
Tompion & Banger, No.479 26
Tregent of London, stolen, 514
Tregent, James 279
Wales & McCulloch, stolen 310
Walker, John 22
Webster, Richard, stolen 626
Webster, William, stolen 625
Weeks of London 124
Whitehurst of Derby, stolen 203
Wilkins, George 346
Williams 525
Windmills of London, V & A Museum 578
Windmills, Joseph, lacquer 563
Windmills, Joseph, silver mounts 530, 640
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Windmills, Joseph and Thomas, list of

Young, William, stolen

Bradford Industrial Museum, Pulsynetic master clock

Bradford, Thomas

Bradley, Rev. Prof. James

Bradley, Langley, turret clock

Bras-en-l'air, mantel clock

Bradely, Rev. Prof. James

Regulators in the Royal Scottish Museum,

Brice, Symon, turret clock

Briggs of London, wall clock, stolen

Brighton Library, Lawson & Son clock

Britannia Act

British Horological Institute, lecture by Geoffrey Evans

British Watch & Clock Making Co., watch No.53

Brockbank of London, pocket chronometer

Brockbank, John, regulators

Brockbank & Atkins, mantel clock, stolen

Brocot, Achille, mantel clock

Brockbank, John, regulators

Brown John, longcase clock

Brown; J. C. and the Forestville Manufacturing Co. by Roberts & Taylor, review

Brownne & Sharpe, lathe advertisement

Brugger of Unterlenzkirch, wood suppliers

Bryson of Edinburgh, regulator,

Buchannan, turret clock

Buchanann, Thomas, marine chronometer No.1600

Bull, Edmund, watch

Bundens, Werner, collection
<table>
<thead>
<tr>
<th>Entry</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bunyan &amp; Gardner, mantel clock</td>
<td>47V17</td>
</tr>
<tr>
<td>Burbage of Wiltshire, turret clock</td>
<td>593V17</td>
</tr>
<tr>
<td>Burden of Salisbury, turret clock</td>
<td>593V17</td>
</tr>
<tr>
<td>Burgess, Martin, 'Gurney' clock</td>
<td>29V17</td>
</tr>
<tr>
<td>Bürgi, Jost. globe, regulator, observatory</td>
<td>474V17</td>
</tr>
<tr>
<td>Burroughes &amp; Watts. agents</td>
<td>511V17</td>
</tr>
<tr>
<td>Burton. Stanley, collection, Windmills watch</td>
<td>568V17</td>
</tr>
<tr>
<td>Bury St. Edmunds, Gershom Parkington Collection</td>
<td>263V17</td>
</tr>
<tr>
<td>Knibb, Joseph, longcase clock</td>
<td>263V17</td>
</tr>
<tr>
<td>Windmills, Joseph. longcase clock</td>
<td>577V17</td>
</tr>
<tr>
<td>Windmills of London. watch</td>
<td>569, 576V17</td>
</tr>
<tr>
<td>Business Enterprise Programme</td>
<td>353V17</td>
</tr>
<tr>
<td>Butterfield, Michael, sundial</td>
<td>464V17</td>
</tr>
<tr>
<td>Buxton, David, Restoration of White Dials, lecture</td>
<td>266V17</td>
</tr>
<tr>
<td>Calendar, Julian, Lepaute clock,</td>
<td>217V17</td>
</tr>
<tr>
<td>Calendar, French Republican, article by Geoffrey Wilson</td>
<td>249V17</td>
</tr>
<tr>
<td>Calendar, perpetual, anonymous watch</td>
<td>321V17</td>
</tr>
<tr>
<td>Brameld, Timothy, table regulator</td>
<td>151V17</td>
</tr>
<tr>
<td>Barraud &amp; Lund, pocket chronometer</td>
<td>608V17</td>
</tr>
<tr>
<td>Benson, J. W., watch No.2414</td>
<td>536V17</td>
</tr>
<tr>
<td>Calendar, perpetual (coont)</td>
<td>442V17</td>
</tr>
<tr>
<td>Brocot, Achille, mantel clock</td>
<td>240, 633V17</td>
</tr>
<tr>
<td>Patek Philippe, pocket chronometer</td>
<td>322V17</td>
</tr>
<tr>
<td>Call, Jan Van, wall clock,</td>
<td>274V17</td>
</tr>
<tr>
<td>Callove, Harry, article by Guy Boney</td>
<td>69V17</td>
</tr>
<tr>
<td>bracket clock</td>
<td>69-76, 195, 309V17</td>
</tr>
<tr>
<td>Cambridge, Fitzwilliam Museum,</td>
<td>266V17</td>
</tr>
<tr>
<td>Clocks, lecture by Tom Robinson</td>
<td>570V17</td>
</tr>
<tr>
<td>Windmills of London, watch</td>
<td>181V17</td>
</tr>
<tr>
<td>Cambridge, St. John's College, regulator by John Shelton</td>
<td>454V17</td>
</tr>
<tr>
<td>Camerer, Andrew, clockmaker</td>
<td>622V17</td>
</tr>
<tr>
<td>Camerer Cuss &amp; Co., 1884 advertisement</td>
<td>439V17</td>
</tr>
<tr>
<td>Campbell, Cohn, observations in Jamaica</td>
<td>600V17</td>
</tr>
<tr>
<td>Caravajal, J. Ramon Colon De, Catalogo de Relojes de Patrimonio Nacional, review /99V17</td>
<td></td>
</tr>
<tr>
<td>Cardiff, St. Fagans, Breguet watch</td>
<td>292V17</td>
</tr>
<tr>
<td>Norton, Eardley watch</td>
<td>292V17</td>
</tr>
<tr>
<td>Samson, watch</td>
<td>292V17</td>
</tr>
<tr>
<td>Tompion, Thomas, Iscoyd Park Clock</td>
<td>293V17</td>
</tr>
<tr>
<td>Wilders of London, watch</td>
<td>292V17</td>
</tr>
<tr>
<td>Carillon, Gillet of Croydon</td>
<td>592V17</td>
</tr>
<tr>
<td>Thwaites &amp; Reed</td>
<td>590V17</td>
</tr>
<tr>
<td>turret clock at Rushworth's Organ Works</td>
<td>406V17</td>
</tr>
</tbody>
</table>
Carney, Peter, bracket clock 47\(^\text{V17}\)

Carpenter, watch escapement maker 481\(^\text{V17}\)

Carriage Clocks, A Century Of, by Joseph Fanelli, review 618\(^\text{V17}\)

Carriage Clocks, lecture by Peter Bonnert\(^\text{V17}\)

Carriage clocks by,

- A. B. & D. 338\(^\text{V17}\)
- anonymous, singing bird 119\(^\text{V17}\)
- Barwise of London No.376, stolen 626\(^\text{V17}\)
- Berrolla of Paris 473\(^\text{V17}\)
- Breguet of Paris, No.3971 518\(^\text{V17}\)
- Dent of London 547\(^\text{V17}\)
- Drocourt of Paris, various 107, 337, 338, 525\(^\text{V17}\)
- Earnshaw, Thomas 510\(^\text{V17}\)
- Francois, Edouard, No.1 546\(^\text{V17}\)
- Grohe of London 338\(^\text{V17}\)
- Jacot of Paris 525\(^\text{V17}\)
- Jump of London 328\(^\text{V17}\)
- Margaine of Paris 546\(^\text{V17}\)
- Stafford. T., stolen 410\(^\text{V17}\)
- Tarault of Paris, stolen 411\(^\text{V17}\)
- various in group 337\(^\text{V17}\)
- White, E. 14\(^\text{V17}\)

Cartel clock, anonymous, with eagle 232\(^\text{V17}\)

Carter of London, pocket chronometer No.1239 510\(^\text{V17}\)

Cartier, mystery clock No.1670 545\(^\text{V17}\)

- watch 421\(^\text{V17}\)
- wrist-watch 419\(^\text{V17}\)
- wrist-watch, 8-day 635\(^\text{V17}\)

Cartwright, Thomas, longcase clock 277\(^\text{V17}\)

Casemaker, clock, Bradburn, John 40\(^\text{V17}\)

- Gillow, Robert 374\(^\text{V17}\)
- Jones, Anthony 328\(^\text{V17}\)

Casemaker, watch, Rowlands 481\(^\text{V17}\)

Centre-seconds, anonymous mantel clock 18\(^\text{V17}\)

- anonymous wall clock 49\(^\text{V17}\)
- anonymous watch 145\(^\text{V17}\)
- Breguet of Paris, watch 292\(^\text{V17}\)
- Drocourt of Paris, carriage clock 338\(^\text{V17}\)
- Graham, George, watch no. 510 2%\(^\text{V17}\)
- Hewett, George, longcase clock 134\(^\text{V17}\)
- Jacob, Aimé, regulator 225\(^\text{V17}\)
- Patek Philippe, pocket chronometer 240\(^\text{V17}\)
- Patek Philippe, wrist chronograph 128\(^\text{V17}\)
- Pybus, William, watch 107\(^\text{V17}\)
- Rauschmann, Budan, Vienna regulator 444\(^\text{V17}\)
- Russell, Thomas & Son, watch 395\(^\text{V17}\)
- Semaine, mantel clock 441\(^\text{V17}\)
- Vacheron & Constantin, wrist-chronograph 423\(^\text{V17}\)
- Vulliamy, Justin, watch No. sis 12\(^\text{V17}\)
- Weeks of London, bracket clock 124\(^\text{V17}\)

Ceulen, van, of The Hague, regulator, observatory 37\(^\text{V17}\)

Chaise watch see Coach watch\(^\text{V17}\)

Chamberlaine, Nathaniel, watchmaker 575\(^\text{V17}\)

- watch, Ashmolean Museum 582\(^\text{V17}\)

Champion A. A. patent chronograph 179\(^\text{V17}\)

Chancellor, John, clockmaker 377\(^\text{V17}\)

Chapiro, Dr. A. Lepine, lecture 378\(^\text{V17}\)
Charing, Kent, turret clocks 159, 590
Charnock, John, artist 37
Chartham, Kent, turret clock 159
Chatelaine, anonymous 528
Markwick, Markham & Perigal, stolen 515
Chater, James, bracket dock, stolen 310
Chellar, Kevin, Antiquarian Horology, lecture 376
Chénier, Marie-Joseph de 251
Chertsey Museum, clocks stolen 626
Chettle, watch No.580 510
Chevallier, Queslin, barometer 440
Chicago, Adler Planetarium, celestial globe 166
Chilham, Kent, turret clock 159
Chiming, quarter, Cartwright, Thomas, longcase
   clock 277
   Clay, Charles, longcase clock 117
   Duchesne, Claude, longcase clock 224
   Grohe of London, mantel clock 231
China and Tibet, A Search for Clocks, lecture by David Bowles 270
Christmas Card, 19th century 533
Chronograph, anonymous 321
   Dent of London No.25233 179
Chronograph, wrist, Patek Philippe No.869103 105
   Patek Philippe No.868207 105
   Patek Philippe, 128
   Patek Philippe, perpetual calendar 322
Chronometer Making, lecture by John Griffiths 378
Chronometer, mantel, Benzies of London 427
   Frodsham, Charles 3
Chronometers, marine, exhibition catalogue, review 300
Chronometer, marine, lecture by David Harries 472
Chronometer, marine, by 3
   Arnold, John No.1/36 267
   Arnold, John No.2/43 267
   Arnold, John No.176 48, 472
   Arnold, John & Son No.30/120 267, 279
   Arnold, John & Son No.108/198 279
   Barraud of London No.3503 107
   Barraud & Lund No.2454 211
   Berthoud, Ferdinand 474
   Berthoud, Ferdinand No.6, 266
   Berthoud, Louis No.48 266
   Bliss 503
   Bond 503
   Buchanan, Thomas No.1600 267
   Cole, Charles 155
   Dent of London No.25332 112
   Dent of London No.53686 107
   Earnshaw, Thomas, numbering system 368-371
   Earnshaw, Thomas No.509/2853 367
   Earnshaw, Thomas No.596/3099 267
   Earnshaw, Thomas No.647/3009 369
   Earnshaw, Thomas, signed 'Thos. Buchanan No.1600' 267
   Earnshaw, Thomas, sale of stock 510
   Etter, John 413
   French, Royal Exchange No.3293 422
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Hamilton model 21 503V17
Hewitt & Son No.2558 107V17
Howells, Barraud & Jamison 503V17
Motel, Henri No.186 527V17
Mudge, Thomas, ‘green’ 266V17
Negus 503V17
Pennington, Pendleton & Others No.22 300V17
Rockford, Time Museum collection 266V17
Roskell, Robert No.1179/55158 624V17
Shepherd, Charles No.503 113V17
Salzer, L. 266V17

Chronometer, pocket, by V17
anonymous, tourbillon 320V17
Arnold, John & Son No.99 129V17
Arnold, John & Son No.108/409 339V17
Barraud & Lund No.2/847 608V17
Blockley, Herbert No.2/1215 297V17
Brockbank of London 473V17
Carter of London No.1239 510V17
Clarke, Gene No.7 229V17
Dent of London No.25233 179V17
Earnshaw, Thomas, various, 368-371, 510V17
Jamison, George No.21 295V17
Miles of London, stolen 202V17
Patek Philippe 240, 633V17

Chronometer, pocket, by cont V17
Potter, Albert 229V17
Reid & Sons, stolen 514V17

Chronometers and Position Finding, lecture by Beresford Hutchinson 269V17

Combridge, John, The Clock-Driven Celestial Globes of Qi Mei-Lu 165V17
Combridge see Needham, Ling, Price & Combridge V17
Compendium astronomical, anonymous 631V17
Competition 353V17
Comteure Militaire Pocket Watch, by Joachim Mauss 145V17
Conde, Henri Jules, Prince de, 291, 292
Condliff, James, turret clock 373
Congreve, William 502
Connant Clocks and Chronometers, lecture by Marty Ruddock 136
Connecticut Wooden Clocks, lecture by Ken Roberts 377
Conservation Directory, Irish, by Susan Corr, review 614
Conservation of Clocks, lecture by Henry Wolcott 53
Cook, Captain James, regulators, 181
Cooke, Thomas, turret clock 373
Coole, P.O. see Tait & Coole
Coteau, J., dials by 18
Cope & Molyneux, regulator 489
Copland, Patrick, collection 586
Copland & King, astronomical clock 587
Corr, Susan, Irish Conservation Directory, review 614
Cottee, Abell, clockmaker 186
Coudère, Paul. Le Calendrier 254
Cowan, James, bracket clock 151
Cranbrook, Kent, turret clock 48, 158, 159, 373
Crane, Aaron, Dodd, An American Original by Frederick Shelley, review 187
Crom, Theodore, Horological and Other Shop Tools, 1700-1900, review 498
Crouch, Edward, bracket clock by Callowe 196, 309
Crosthwaite, John, regulator, 32
Crosthwaite of Dublin, pendulum clock 496
Crob, James, clockmaker 269
Crabtree, Geoffrey, An Unusual Chronometer Timepiece 606
Craft, William, enameller 568
Craighead & Webb, mantel clock 546
Cranbrook, Kent, turret clock 48, 158, 159, 373
Crucifix clock, anonymous, stolen 92
Beha, J. B. 425, 622
Beha, John Baptist, Cuckoo Clocks of, by Dr. W. Schneider 455-462
Beha, John Baptiste, Cuckoo Clocks of, by Dr. W. Schneider 455-462
Cugnier, travelling clock 348
Culme, John, The Directory of Gold and Silversmiths 1838-1914, review 400
Cumming, Alexander, regulator 32
Cumming, Alexander, remontoire escapement 484
Cumming & Grant, regulator, 32
Cummins, Thomas, watch No.11/26 280
CW coronet above, punch-mark 570
CW, monogram 610
CW invent, watch 612

D
Dafydd ap Gwilym, early clock description 584
D’Angelo & Cadenazzi, bracket clock, stolen 626
Daniels, George, 'space-traveller's watch' 1, 193, watch, 474
Daniels, George, 'space-traveller's watch' winding indicator 399
Dalgleish, Laurence, longcase clock 151
Dallas, Museum of Art, Bagnall, Benjamin, longcase clock 194
Dareau, Dr. Michael, Lantern Clocks, lecture 265
Darwin, John, The Triumphs of Big Ben, review 81
Dashwood, Richard, inscribed on a watch 610
Davidson, patent 'memorandum clock' 587
Davies see Litterland Davies & Co.
Davies, A. C., An American Invasion of Time, lecture 154
Davies, A. C., An American Invasion of Time, The Business Records of Turner and Birch 1834-1920, 478
Davies, telescopes, sale of 510
Davy, E. L., longcase clock, stolen 411
Dawes, Thomas, longcase clock 104
Dawson, Percy, The Iden Collection, review 79
Dawson, Percy, The Iden Collection, The Later Fromanteels 175-178
Deacon, Samuel, clockmaker's workshop 47
Welsh Clocks, lecture 584
Deal, Thomas, longcase clock 275
Decharmes, Simon, bracket clock 529
clock, stolen 626
Decimal dial see Dial, decimal
Decimal dial see Calendar, republican
Deck watch see Eder, Norbert
De Graff see Riel & De Graff
Denne, John, bracket clock, stolen 92
Delander, Daniel, longcase clock No.4 277-8
Delander, Daniel, longcase clock 436
Demilt, Samuel 498
Dennison, Aaron, automatic lathe 383
Dennison Watch Co., wrist-watch advertisement 364
Dent of London, carriage clock 547
marine chronometer No.25332 112
marine chronometer No.53686 107
pocket chronometer No.25233 179
regulator 587
 turret clock, Cranbrook, Kent 373
turret clock, Calne 592
Dent, E. J., A Description of the Dipleidoscope, extract 68
regulators, observatory 32
Dent, F., turret clock 158-9
Dent, George, clockmaker 308
Derby Cathedral, turret clock 586
Desaguliers, John, philosopher 464
Devon Clocks and Clockmakers, by Clive Ponsford, review 185
Dial, alphabetical 86
black 295, 355, 453
decimal 251
digital 145
double, Lepaute table clock 217
double, Quare & Horsemman longcase clock No.148 28
double, Williamson, Joseph, regulator 266
luminous painted 364
off-set seconds 306
painted, American 469
republican 18
restoration of painted 45, 266
six-hour 611
skeletonised 5, 108
Staffordshire enamel 274
tidal 151, 154, 277
Turkish 219
twenty-four hour 279
velvet-covered 197
world time 279
Dial-maker, Sinclair, D. 45
Wilson & Osborne 45
Dingley, Robert, clockmaker 623
longcase clock, stolen 311
Dipleidoscope, by E.J. Dent 67-8
Diseworth, Leics., turret clock 591
Doctor's Stop-watch, by Johann Wenzel 67
Dold & Hettich, lithographs 461
Dollond of London, barometer 629
telescope 181
Don Giovanni de, astronomical clock 266
Donne, patent 'resting barrel' winding indicator 397
Drabble, Joshua, regulator 32
Drocourt of Paris, carriage clocks 107, 338, 525
Druchez, Madame de 481
Dublin, Mater Hospital, turret clock 377
St. Patrick's Cathedral, turret clock 376
Dubois, Louis, bellfounder 132
Duchesne, Claude, longcase clock 224
Ducker, watchmaker 480
Du Grand Mesnil, Claude, bracket clock 132
Duhamel, Isaac, watch No.654, stolen 91
Duhamel, James, watch, stolen 92
Dupuis, Charles, philosopher 251
Dutton, Matthew & Thomas, bracket clock No.256 125
Earnshaw, Thomas, carriage clock 510
Cumulative Index for Antiquarian Horology Volumes 10 to 19

Compiled by Edward Powell @ AHS 2006

marine chronometer No.509/2853 367\textsuperscript{V17}
marine chronometer No.596/3099 267\textsuperscript{V17}
marine chronometer signed 'Thos. Buchanan No.600' 267\textsuperscript{V17}
Numbering Sequence, by Anthony Randall 367-371, 624\textsuperscript{V17}
pocket chronometer No.647/3099 369\textsuperscript{V17}
pocket chronometers 510\textsuperscript{V17}
regulator 510\textsuperscript{V17}
regulators 32\textsuperscript{V17}
stock in High Holborn shop 510\textsuperscript{V17}
turret clock 510\textsuperscript{V17}

tables, 'Wright's Patent' 267\textsuperscript{V17}

East, Edward, bracket clock 277\textsuperscript{V17}

East, Edward, bracket clock, architectural 429\textsuperscript{V17}

Eccleston, turret clock 373\textsuperscript{V17}

Eder, Norbert, Beobachtungsuhrren, review 296\textsuperscript{V17}

Edinburgh, Astronomical Institution 487\textsuperscript{V17}

Edinburgh, Huntley House Museum, AHS visit 150\textsuperscript{V17}

Edinburgh, Meteorological Office, regulator by John Shelton, 181\textsuperscript{V17}

Edinburgh, Royal Museum of Scotland, 166\textsuperscript{V17}

Edinburgh, Royal Observatory 488\textsuperscript{V17}

Edinburgh St Giles Cathedral, turret clock 150\textsuperscript{V17}

Egerton, Kent, St. James's, turret clock 590\textsuperscript{V17}

Eisenlohr, cuckoo clock case maker, 461\textsuperscript{V17}

Electric clocks, 51\textsuperscript{V17}

Gent of Leicester, exhibition 51\textsuperscript{V17}

International Time Recording Co. 157\textsuperscript{V17}

Loughborough Hayes Timing Apparatus 271\textsuperscript{V17}

Pulsynetic master clock system 56\textsuperscript{V17}

Russel & Sax, wall clock 511\textsuperscript{V17}

Schweizer, Jacob, patent 386\textsuperscript{V17}

Electrical Horology, lecture by Eden Lindsay 49\textsuperscript{V17}

Elgin Watch Co., epicyclic winding indicator 397\textsuperscript{V17}

Elkan, John, 'Colonial' wrist-watch 325, 365\textsuperscript{V17}

Elkins see Windmills & Elkins\textsuperscript{V17}

Ellicott of London, watch No.7507 155\textsuperscript{V17}

Ellicott, John, a Bill For Turret Clock Repairs, by John Millburn 77\textsuperscript{V17}

Ellicott, John, clockmaker to Woolwich Arsenal 91\textsuperscript{V17}

Ellicott & Taylor, reproduction bracket clock 513\textsuperscript{V17}

Ellis, Henry, clock maker 186\textsuperscript{V17}

Elton, Christopher, The Art of Engraving 267\textsuperscript{V17}

EM watch case maker's mark 569\textsuperscript{V17}

Emanuel, E. & E., bracket clock 228\textsuperscript{V17}

Emery, Josiah, watch No.1128 267\textsuperscript{V17}

Enamel, polychrome, 617\textsuperscript{V17}

Engine-turning, lecture by Daniel Brush 377\textsuperscript{V17}

English Dial Clocks, lecture by R. Rose 374\textsuperscript{V17}

Formal horology, lecture by Eden Lindsay 49\textsuperscript{V17}

Gent of Leicester, exhibition 51\textsuperscript{V17}

International Time Recording Co. 157\textsuperscript{V17}

Loughborough Hayes Timing Apparatus 271\textsuperscript{V17}

Pulsynetic master clock system 56\textsuperscript{V17}

Russel & Sax, wall clock 511\textsuperscript{V17}

Schweizer, Jacob, patent 386\textsuperscript{V17}

Electrical Horology, lecture by Eden Lindsay 49\textsuperscript{V17}

Elgin Watch Co., epicyclic winding indicator 397\textsuperscript{V17}

Elkan, John, 'Colonial' wrist-watch 325, 365\textsuperscript{V17}

Elkins see Windmills & Elkins\textsuperscript{V17}

Ellicott of London, watch No.7507 155\textsuperscript{V17}

Ellicott, John, a Bill For Turret Clock Repairs, by John Millburn 77\textsuperscript{V17}

Ellicott, John, clockmaker to Woolwich Arsenal 91\textsuperscript{V17}

Ellicott & Taylor, reproduction bracket clock 513\textsuperscript{V17}

Ellis, Henry, clock maker 186\textsuperscript{V17}

Elton, Christopher, The Art of Engraving 267\textsuperscript{V17}

EM watch case maker's mark 569\textsuperscript{V17}

Emanuel, E. & E., bracket clock 228\textsuperscript{V17}

Emery, Josiah, watch No.1128 267\textsuperscript{V17}

Enamel, polychrome, 617\textsuperscript{V17}

Engine-turning, lecture by Daniel Brush 377\textsuperscript{V17}

English Dial Clocks, lecture by R. Rose 374\textsuperscript{V17}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

English Watch, The Artistry of; by Cedric Jagger, review 617V17

Engraving, The Art Of; lecture by Christopher Elton 267V17

Equation of Time indication, 292V17

Brameld, Timothy, regulator 151V17
Ellicott, John, watch 637V17
Graham, George, longcase clock 79V17
Reith, James, regulator 28V17
Roussel, turret clock 308V17
Stumbles, William, longcase clock 185V17
Tompion, Thomas, longcase clock, Bath Pump Room 292V17
Tompion, Thomas, longcase clock, Iscoyd Park 292V17
Williamson, Joseph, regulator 266V17

Ernst, P., regulators, observatory 32V17

Errington Watch Co., wrist-watch No.4257 325V17

Escapement,

anchor, early 259V17
Bond, detached 140V17
Brocot, Achille 442V17
chronometer 606V17
Cuming, Alexander 484V17
constant-force 266V17
cylinder, ruby 537V17
Delander, duplex 277V17
grasshopper 214V17
gravity 489-90V17
gravity, five-legged 373V17
lever, early 491V17
lever, Litherland, Peter 494V17
lever, Massey 306V17
lever, Pouzait 348V17
lever, Prior 492V17
lever, ratchet-tooth, unusual type 87V17
lever, Savage 89, 195, 310, 511V17
Peto cross-detent 229V17
Pivoted detent, Berthoud 613V17
rack-lever, Litherland 495V17
remontoire 483, 485, 486, 488, 489V17
tic-tac 108V17
verge, dead-beat 588V17
verge, horizontal 83V17
virogule, 292V17

Escapement maker, Carpenter, 481V17

Escapements in Watches, lecture by Will Andrewes 378V17
Etherington, George, bracket clock, stolen 514V17
Etter, John, marine chronometer 413V17

European Watch & Clock Co., 8-day wrist-watch 635V17
Evans, Geoffrey, The British Horological Institute, lecture 378V17
Evens, Robert, lantern clock, reproduction 513V17

Exeter cathedral, turret clock 154, 155, 186V17

Exeter clockmakers, 186V17

Exeter, Royal Albert Memorial Museum, horological collections 154V17

Exeter, St. Mary’s Steps, turret clock 154V17

Exhibition, 51V17

Asprey's, London, marine chronometers 112, 300V17
British Clock and Watch Making 1987 1, 151V17
British Clockmakers' Heritage, 1952 123V17
Gent of Leicester electric clocks 51V17
International Inventions 1885 384
Ivory Sundials of Nuremberg 1500-1700 454
La Dynastie des La Roy, Horlogers du Roi 83
L'Invention du Temps 452
Mechanical Music, The World Of 562
National Exhibition of Time 356
Paris, 1868 385
Peking Palace Museum clocks 401
Philadelphia Centennial, 1876 384
Radio Controlled Clocks, 452
Skeleton Clocks 10

F
Fabre Nazaire, Philippe Francois, portrait 251
Fairclough, Edward, watch 473
Falconer, William, inscribed on a clock 453
Faller, retailers of cuckoo clocks 457
Fanelli, Joseph, A Century Of Fine Carriage Clocks, review 618
Farewell, John, longcase clock 277
Farouk, King of Egypt 545
Farrer see Hepting& Farrer
Favre-Perret, E., report on Philadelphia Exhibition 386
Fayle, Andrew, obituary 356
Fennel, R., bracket clock 47
Ferguson, James, astronomer 587
Fertbauer, Phillip, regulators, 32
Vienna regulator 110
Finch, John, clockmaker 308
Finer & Nowland, bracket clock, stolen 409
watch No.3299/1220 310
watch No.4260 90
Fitch, Stephen, lathe 383
Flamsteed, John, astronomer 586
Fleetwood, P., watch No.8329 294
Fletcher, Samuel, longcase clock, stolen 201
Flotation, effects on timekeeping 144
Flower, Frank, watch No.1029, stolen 91
Forbes, John, watch No.9045, stolen 515
Fordingbridge, St. Mary's, turret clock 52
Forestville Manufacturing Co. 500
Fourcroy, Antoine, chemist 251
Four-glass clock, Bunyan & Gardner 47
Fowle, Henry, clockmaker 88
Francois, Edouard, carriage clock No.1 546
Fraunhofer, Joseph, regulators, 32
Fraye, mantel clock 510
Free, John, longcase clock 548
French, of Royal Exchange, bracket clock 338
marine chronometer No.3293 422
Frisius, Gemma, astrolabe dated 1559 4M
Frodsham of London, bracket clock 338
regulators, 32
turret clock 373
Frodsham, Charles, mantel chronometer regulator No.1329 334
watch AD fmsz 296
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

watch with tourbillon 154V17
Frodsham & Baker, watch No.7532, stolen 515V17
Fromanteels by Percy Dawson 175V17
Fromanteel of London, bracket clocks 176-178V17
    longcase clock 266V17
Fromanteel & Clarke, bracket clock 178V17
FS see Schiesel, Franz V17
Fürderer & Jaeger, cuckoo clock retailers 458V17
Furtwangen, V17
    Deutsches Uhrenmuseum, guide, review 499V17
    'station-house' cuckoo clock 461V17

G
Gallonde of Paris, regulators 32V17
Ganter, Conrad, clockmaker 455V17
Gantlett, Quintillian, bracket clock 556V17
Gardiner, Henry 73V17
Gardner see Buynan & GardnerV17
Gardner of Belfast, watch 90V17
Gardner, Ambrose, clockmaker 69, 72, 73V17
Gardner, Obadiah, clockmaker 69, 73V17
Garnier, Richard, The Work of an Auction House, lecture 47V17
Garniture, anonymous, French 335V17
Garrard of London, watch No. PRS, stolen 311V17
Gartly, John, longcase clock 587V17
Gartner, pocket chronometer No.25233 for Dent 179V17
Gashe, watch, stolen 92V17
Geitner, F., The Lancashire Tool-Making Industry, lecture 47V17
Geneva, Musée de L’Horlogerie, AHS visit 474V17
Gent of Leicester, V17
    'chronopher' master clock 62V17
    exhibition of electric clocks 51V17
    Pulsynetic master clock 56V17
Gershom Parkington Collection see Bury St. EdmundsV17
Geschwind, Dr., collection 474V17
GH punch-mark 608V17
Gill, regulator 587V17
Gillet of Croydon, V17
    carillon 592V17
    turret clock, Exeter cathedral 154V17
    turret clock 159V17
Gillet & Bland, turret clock 406V17
Gillet & Johnson, turret clocks 159, 160, 592V17
Gillows of Lancaster, lecture by Susan Stuart 374V17
Gillows of Lancaster, clocks etc. 152V17
Gilray, cartoon 256V17
GI, punch-mark, 295-6V17
Glasgow, Kelvingrove Museum, lantern clocks 265V17
Glass panels, wheel engraved 329V17
Globes, celestial-mechanical 165V17
    Burgi, Jost, 1574 474V17
    Hildeyard, Thomas 499V17
Gloucester Journal, organ clock advertisement 134V17
Godechet, Jacques, Les Institutions de la France 254V17
Gohin of Paris, barometer 440V17
Goldingham, John, astronomer 182V17
Goldsmiths & Silversmiths Directory, by John Culme, review 400V17
Golman, regulator 32V17
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Good, Richard, Japanese Clocks, lecture 471
Goode, Charles CW by Paul Tuck 610
Goode, Charles, lantern clock 610
watch 610
Gorsas, Antoine 250
Goudhurst, Kent, turret clock 48, 158
Gould, Christopher, bracket clock, king wood 4
bracket clock, ebonised 106
wall clock 123
Graham, Three Letters From, by Charles Aked 597
Graham, George, bracket clock No.272 73, 74
longcase clock, stolen 514
longcase clock, Iden Collection 79
longcase clock No.510 28
longcase clock No.655 277-8
longcase clock No.682 340-1
portrait 597
regulators 32
regulator No.3 37
regulator, illustration 1745 33-35
watch No.5101 296
Grande Sonnerie, A. B. & D., carriage clock 338
anonymous, Vienna regulator 15
Benson, J. W., watch No.2414 536
Cugnier, travelling clock 348
Drocourt of Paris, carriage clock 338
Ferbauer, Phillip, Vienna regulator 110
Fromanteel & Clarke, bracket clock 178
Knibb, Joseph, bracket clock 279
Tompion, Thomas, bracket clock No.300 291-2
W of Vienna, mantel clock 444
Grant of London, bracket clock No.310 221
bracket clock No.401 426
Grant, John, senior, bracket clock No.227 13
Graves, Henry, junior 454
Graves, Samuel, bracket clock, stolen 410
Gray, Lord of Kinfauns Castle 487
Grebell, Samuel 73
Green, watch jeweller 481
Green, Charles, longcase clock 268
Green, James, watch No.5969 122
Green, John, longcase clock 274
Greenwich List of Observatory Clocks, by Derek Howse 31
Greenwich Royal Observatory, 37, 269, 604
Greenwich Royal Observatory, 464
Graham, George, regulator No.3 37
trials 490
Greenwood, Christopher, A Joseph Knibb Longcase Clock with Early Anchor Escapement, 259
Greenwood & Batley, screw-cutting machine 385
Gregg, Richard, watch No. 330, stolen 91
watch No.561 229
Grency, Calendrier des Héros 249
Gretton, Charles, deed 582
Griffiths, John, 47
Chronometer Making, lecture 378
Lancashire Tool Making Industry, lecture 47
William Bond, Astronomical Regulator No.395 137
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Grimaldi, Peter, regulator 32V17
Grimaldi & Johnson, premises burgled in 1827 411V17
        regulator 32V17
        watch o.6653 310V17
Grinethorpe, Lord, VI17
        gravity escapement 490V17
        letter dated 1893 161V17
        turret clock 373V17
Grinbill, Richard, repairs to turret clock 160V17
Grohe of London, carriage clock 338V17
        mantel clock 231V17
Gropengeisser of Philadelphia, regulators, observatory 32V17
Gurley, Richard, clockmaker 579V17
Gurney, clock by Martin Burgess 29V17
Gutkas of Dresden, regulator 32V17
Guye, P. & A., watch manufacturers 480V17
Gwyn, George, longcase clock, stolen 411V17

H
Hass, Anton, cuckoo clock maker 457V17
Habrecht, Isaac, carillon clock 521V17
Hackington, Kent, turret clock 159V17
Hackmann, Dr. Willem, Alexander Rain, lecture 468V17
Hadfield, G. & J., Horological Books, lecture 378V17
Haley, Charles, regulator 32V17
Half-hunter watch case 623V17
Hall, George, Loughborough Hayes Timing Apparatus, lecture 271V17
Hallaten, Leics., turret clock 591V17
Halley, Edmund 604V17
Hamilton, model 21 chronometer 503V17
Hancock of London, mantel clock 535V17
Handley & Moore, bracket clock, stolen 409V17
Hardeman, E. S., turret clock 160V17
Hardy, William, regulator 485, 486V17
        regulators 32V17
        remontoire escapement 486V17
Hare, Alex, watch No.440, stolen 92V17
Harley, George, wall clock 126V17
Harman, Rachel, servant to Windmills 579V17
Harpur, Henry, longcase clock 5V17
Harries, David, Marine Chronometers, lecture 472V17
Harris, Mr., observer for George Graham 600V17
Harris, Dennis, Wrist-watches 1910-1920, 357V17
Harrison, John, bracket clock 305V17
        manuscripts 304V17
        seminar 244, 562V17
Harrison, William, watch No.33 589V17
Hart, Aaron, bracket clock 118V17
Hartford Machine Screw Co. 384, 391V17
Hartley of Silchester, turret clock 592V17
Hartley, John, longcase clock 197, 307V17
Hartnup, John, Liverpool Observatory director 137V17
Hartnup balance 112V17
        barometric pressure affecting clocks 144V17
Hartwell House Observatory 31V17
Harvard College Observatory 138V17
Harvard University, Bond & Son regulator No.394 142V17
Haswall, regulator 182V17
Haswell, Alexander, regulator

Haswell, Eric, watchmaker

Hauksbee, thermometer

Hausman of Paris, mantel clock, stolen

Hauth, F., regulators

Hawkins, Ambrose, clockmaker

Hawkins, Ann, clockmaker

Hawleys of London, watch No.2484

Hawtin John regulator

Hayes, Professor see Loughborough Hayes

Headcorn, Kent, turret clock

Heavenly Clockwork by Needham, Ling, Price & Combridge, review

Heaviside, RE. & W. J., surveyors

Heckstetter, Joseph, longcase clock

Hedington, Wilts, turret clock

Heitzmann, Joseph, cuckoo clock retailer

Henard of Paris, bracket clock, stolen

Henderson of London, bracket clock

Hepting, Fidel, cuckoo clock maker

Hepting, Lambert, clockmaker

Hepting & Farrer, watchmakers

Herrenhausle-Uhr

Herschel, William, regulator by Shelton

Herstmonceux, Royal Greenwich Observatory

Graham, George, regulator No. 3

Shelton, John, regulator

Hestaway, H., clockmaker

Hettich see Dold & Hettich

Hewett, George, longcase clock

Hewett, C. J., International Inventions Exhibition, screw cutting machine

Hewitt & Son, marine chronometer No.2558

Hewitt, P. A., Leicestershire Clockmakers, lecture

Hilary, Sir Edmund, watch

Hildegard, Thomas, astronomical clock

Hill, William junior, longcase clock

Hiller, Bernard, talking clock

Hoadley, Silas

Hoare, Sir Richard

Hobson, Charles, obituary

Hoch, John, turret clock

Hoffmeier, Anton & Joseph, clock retailers

Höfler, Felix, clockmaker

Hogg, Johann, dial maker

Hoke, Donald, Wooden Clock Movement Manufacturer, lecture

Holmes, John, longcase clock

Honourable Artillery Company

Hoogendyk of Rotterdam, watch

Hornby collection

Horological and Other Shop Tools 1700-1900, by . Crom, review

Horological conservation-restoration

Horology Under the Hammer by Rodney Law

Horseman see Quare & Horseman

Horstmann, Herman collection
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Howard, Edward, watch No.55 321
Howells, William, clockmaker to Mudge 495
Howells Barraud & Jamison, marine chronometer No.14 503
Howse; Derek, Clocks in the Greenwich List of Observatories 31
Hubert of London, regulator, observatory 33
Hudson, T., portrait of George Graham 597
Hughes of London, bracket clock, stolen 201
Huguenin of Paris, watch No.7948 510
Howells, William, clockmaker to Mudge 495
Howells Barraud & Jamison, marine chronometer No.14 503
Howse; Derek, Clocks in the Greenwich List of Observatories 31
Hubert of London, regulator, observatory 33
Hudson, T., portrait of George Graham 597
Hughes of London, bracket clock, stolen 201
Huguenin of Paris, watch No.7948 510
Howells, William, clockmaker to Mudge 495
Howells Barraud & Jamison, marine chronometer No.14 503
Howse; Derek, Clocks in the Greenwich List of Observatories 31
Hubert of London, regulator, observatory 33
Hudson, T., portrait of George Graham 597
Hughes of London, bracket clock, stolen 201
Huguenin of Paris, watch No.7948 510
Howells, William, clockmaker to Mudge 495
Howells Barraud & Jamison, marine chronometer No.14 503
Howse; Derek, Clocks in the Greenwich List of Observatories 31
Hubert of London, regulator, observatory 33
Hudson, T., portrait of George Graham 597
Hughes of London, bracket clock, stolen 201
Huguenin of Paris, watch No.7948 510
Hurst, Edward, turret clock 160
Hurst, Michael, biography 148
Husbands Bosworth, Leics., turret clock 591, 592
Hutchinson, Beresford, Chronometers and Position Finding, lecture 269
Ia (Ja) punchmark 569
ID with bird below, punchmark 574
Iden Collection by Percy Dawson, review 79
JE, maker's mark 33
IF, maker's mark 33, 569
IL see SI:IL
Ilbert Collection, Tompion, Thomas, watch 279
Imbser of Tubingen, clock 33
Illustrated London news 407
India, Great Trigonometrical Survey, regulators, 181
Ingersoll, R. H., wrist-watch advertisement 358
Ingold, Pierre, automaton clock 266
International Time Recording Co. Ltd. 157
Inventions, International Exhibition, 1885 384
IP punchmark 569
Ireland, Henry, lantern clock 343
Irvine, P. Maintenance and Repair of Tower Clocks, lecture 469
Iscoyd Park, Tompion, Thomas, longcase clock 292
Ives, Joseph, lecture by Ken Roberts 372-3
Ives, Joseph, shelf clock 372, 377
I.W. punchmark 91
Jacks see Striking jacks
Jackson, Martin, bracket clock 553
Jackson, Thomas, bracket clock 47
Jacob, Aimé, regulator 225
Jacot, carriage clock 525
Jaeger Le Coultrie, watch CAL497 399
winding indicator 399
Jaegler see Fürderer & Jaegler 353
Jagger, Cedric, retirement
The Artistry of the English Watch, review 617
Royal Clocks, the British Monarchy and its Timekeepers review 80
Jaggi see Sauser-Jaggi
Jagoe of London, wall clock, stolen 515
Jamaica Observatory 600
Jamison see Howells, Barraud & Jamison
Jamison, George, pocket chronometer No.21 295
Janvier, Antide, regulators .
Japanese clocks, lecture by Richard Good 471
Jappanned case see lacquer case
Japy of Beaucourt 385, 474
Japy, Frederic, patent watch making machinery 383
Jaques, Robert 580
Jaques, Sarah, watchcase maker 575
Jaques, Sarah & John Lee, watchcase makers 279
Jaques, William, watchcase maker 572, 574
Jaques, William junior, watchcase maker 575
Jaquet Droz, automata 474
Jarvis, Roland, regulator 248
Jenkins of Merthyr, regulator 96
Jerome, Chauncy, clockmaker 373
Jessop of London, Earnshaw 'Wright's patent'
Jeweller of watches, Green 481
Jewelling, Watch and Chronometer by N. B. Sherwood, review 504
Johnson see Gillett & Johnson
Johnson see Grimaldi & Johnson
Johnson of Copenhagen, regulator 33
Johnson of London, regulator 33
Johnson, Joseph, watch No. 2577 306
watch No.2696 306
watch No.2903 30
watch No.4461 306
Jolf, William, clockmaker 582
Jonas of Teignmouth, bracket clock, stolen 515
Jones, Anthony, clockmaker 328
Jones, Henry, bracket clock, stolen 310
longcase clock, parquetry 331
longcase clock, walnut 450
watch 617
Jones, R. W. S. see Mones & Jones
Jones, T., turret clock 373
Jones, Thomas, regulator 33
transit instrument 31
Joyce of Salop, turret clock 587
Joyce of Whitchurch, turret clock 373, 593
Jumièges Abbey, turret clock 268
Jump of London, carriage clock 328
mantel clock 336
Jumping hours, watch 537
Junker, Nicholas, automatic lathe 390, 392
Jürgensen of Copenhagen, regulator, observatory 33
K
Kahlert see Mühe, Kahlert & Techan
Kammerer, Andreas, cuckoo clock agent 460, 622
Keele, Daniel, clockmaker 269
Kelmarsh, Leics., turret clock 592
Kendall, Larcum, regulator 33
Kent, Henry, watch No.3711 510
Kessels, Heinrick, regulator 33
Ketterer, Aaron, clockmaker 460
Ketterer, Peter & Co., longcase clock 622
Ketterer, Theodor, clockmaker 459
ecuckoo clock 461
Kew Observatory, rating certificates 359
Keyless winding, Brequet of Paris, watch No.4989 550
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

K F foundry mark 46v

Kienzle Collection 499v

King, John, regulator 586v

Kipling, William, longcase clock, stolen 202v

Kirby Muxloe, turret clock 591v

Kirk, C., clockmaker 373v

Kirkaldy Foundry, clock weights 46v

Kirner of Kleineisenbach, cuckoo clocks 455v

Kleiser, Mathaus, cuckoo clock retailer 457v

Klenner, Ferenez, Vienna regulator, stolen 92v

Klindworth of Göttingen, regulator 33v

Knebel, B. R., regulator 33v

Knebel, H. F., regulator 36v

Knibb, John, bracket clock 216v

longcase clock, walnut 350v

Knibb, Joseph, Longcase Clock with Early Anchor Escapement, by Christopher Greenwood 259v

Knibb, Joseph, bracket clock, ebony 324v

bracket clock, now Tompion 279v

bracket clock, tic-tac 108v

longcase clock, early anchor escapement 259, 278v

longcase clock, Gershom Parkington collection 263v

longcase clock, marquetry 428v

longcase clock, marriage 558v

longcase clock, month-going 430, 540v

longcase clock, walnut 331v

Kochhar, R. K., The Shelton Clock at Kodaikanal 181v

Kohler, Fidel, cuckoo clock retailer 457v

Kromer, cuckoo clock retailers 457v

Kuckucksuhren by Mühe, Kahlert & Techendorf, review 616v

L

La Chaux de Fonds, Musée International d'Horlogerie, v

AHS visit 474v

CW, engraved on a watch 610, 612v

Windmills of London, watch 568v

Lacon, Peter, bracket clock 111v

Lacquer case, Douglas of Chertsey, longcase clock 514v

Harley, George, wall clock 126v

Lacon, Peter, bracket clock 111v

Latter, Andrew, longcase clock, stolen 514v

Quare, Daniel, longcase clock 274v

Scott, George, longcase clock 150v

Vise, John, longcase clock 238v

Weston, Samuel, longcase clock 21v

Whitmore of Northampton, wall clock No.390 123v

Wills, Edmund, longcase clock 269v

Lafontaine of Paris, meridian cannon sundial, 237v

Lagrange, Louis, mathematician 251v

Lakanal, Joseph, bishop 251v

Lallemande of Paris, watch 251v

Lambert, automatic lathe 389v

Lamborn, John, bracket clock, stolen 625v

Lamplighter's verge 623v

Lamport, Leics., turret clock 592v

Lange & Söhne, watch 421v

Lancashire Horological Trades, lecture by Alan Smith 271v

Lancashire Watch Co. 385v

Lancaster, judge's lodgings 152v
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priory church, turret clock</td>
<td>152V17</td>
</tr>
<tr>
<td>Lancaster Labelled Furniture and Dated Clocks, lecture by Susan Stuart</td>
<td>152V17</td>
</tr>
<tr>
<td>Landes, Davis, Revolution in Time, review</td>
<td>613V17</td>
</tr>
<tr>
<td>Landtvaerk, Christiania, regulator, observatory</td>
<td>36V17</td>
</tr>
<tr>
<td>Lane, Joan, Coventry Apprentices &amp; Their Masters, review</td>
<td>189V17</td>
</tr>
<tr>
<td>Langford of Bristol, bracket clock, stolen</td>
<td>515V17</td>
</tr>
<tr>
<td>Lantern clock by, anonymous, stolen</td>
<td>203V17</td>
</tr>
<tr>
<td>Bagley, Thomas</td>
<td>528V17</td>
</tr>
<tr>
<td>Bowyer, William</td>
<td>265V17</td>
</tr>
<tr>
<td>Clowes, John, stolen</td>
<td>203V17</td>
</tr>
<tr>
<td>Evans, Robert, reproduction</td>
<td>513V17</td>
</tr>
<tr>
<td>Goode, Charles</td>
<td>610V17</td>
</tr>
<tr>
<td>Ireland, Henry</td>
<td>343V17</td>
</tr>
<tr>
<td>Mills, Humphrey</td>
<td>265V17</td>
</tr>
<tr>
<td>Moore, Roger, stolen</td>
<td>311V17</td>
</tr>
<tr>
<td>Sellwood, William</td>
<td>587V17</td>
</tr>
<tr>
<td>&quot;1'W, maker's initials?</td>
<td>198V17</td>
</tr>
<tr>
<td>Wawne, John</td>
<td>344V17</td>
</tr>
<tr>
<td>Windmills, Joseph</td>
<td>577V17</td>
</tr>
<tr>
<td>Windmills, Joseph &amp; Thomas</td>
<td>564V17</td>
</tr>
<tr>
<td>Lantern Clocks, lecture by John Redfern</td>
<td>265V17</td>
</tr>
<tr>
<td>Laplace, Pierre</td>
<td>258V17</td>
</tr>
<tr>
<td>Laroche, H., alarm clock, stolen</td>
<td>410V17</td>
</tr>
<tr>
<td>Latham, John, clockmaker</td>
<td>308V17</td>
</tr>
<tr>
<td>Lathe, Leyland, Thomas</td>
<td>498V17</td>
</tr>
<tr>
<td>Lathe, automatic</td>
<td>390V17</td>
</tr>
<tr>
<td>Automatic Standard Screw Co.</td>
<td>390V17</td>
</tr>
<tr>
<td>Bechler &amp; Cie, 1907</td>
<td>392V17</td>
</tr>
<tr>
<td>Brown &amp; Sharpe</td>
<td>392V17</td>
</tr>
<tr>
<td>Colombe &amp; Petermann</td>
<td>392V17</td>
</tr>
<tr>
<td>Junker, Nicholas</td>
<td>390V17</td>
</tr>
<tr>
<td>Lambert</td>
<td>389V17</td>
</tr>
<tr>
<td>Laubscher, Samuel</td>
<td>389V17</td>
</tr>
<tr>
<td>Marti, 1891 patent</td>
<td>386V17</td>
</tr>
<tr>
<td>Muller &amp; Schweizer</td>
<td>386V17</td>
</tr>
<tr>
<td>patents table of</td>
<td>394V17</td>
</tr>
<tr>
<td>Saussi-Jaggi</td>
<td>386V17</td>
</tr>
<tr>
<td>Spencer</td>
<td>391V17</td>
</tr>
<tr>
<td>Sphinxwerke</td>
<td>388V17</td>
</tr>
<tr>
<td>Stehli 1886 patent</td>
<td>390V17</td>
</tr>
<tr>
<td>Thielicke &amp; Co.</td>
<td>391V17</td>
</tr>
<tr>
<td>Tschopp &amp; Schweizer</td>
<td>388V17</td>
</tr>
<tr>
<td>Walker</td>
<td>389V17</td>
</tr>
<tr>
<td>Lathe for Watchmaking, by D. H. Bacon</td>
<td>382V17</td>
</tr>
<tr>
<td>Latitude, effects on pendulum</td>
<td>602V17</td>
</tr>
<tr>
<td>Latter, Andrew, longcase clock, stolen</td>
<td>514V17</td>
</tr>
<tr>
<td>Laubscher, Samuel, lathe</td>
<td>389V17</td>
</tr>
<tr>
<td>Laubscher &amp; Cie</td>
<td>385V17</td>
</tr>
<tr>
<td>Law, Rodney, biography</td>
<td>148V17</td>
</tr>
<tr>
<td>The Development of the English Watch, lecture</td>
<td>153V17</td>
</tr>
<tr>
<td>Horology Under the Hammer</td>
<td>274V17</td>
</tr>
<tr>
<td>Lawson &amp; Son, multi-dial timekeeper</td>
<td>473V17</td>
</tr>
<tr>
<td>Leavenworth, Mark, the Clocks of, by Snowden Taylor, review</td>
<td>186V17</td>
</tr>
<tr>
<td>Lecture by</td>
<td>191V17</td>
</tr>
<tr>
<td>Aked, Charles, AHS Tour of Holland</td>
<td>155V17</td>
</tr>
<tr>
<td>Aked, Charles, The Perpignan Clock</td>
<td>379V17</td>
</tr>
<tr>
<td>Author/Title/Reference</td>
<td>Page(s)</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Andrewes, Will, Watch Escapements</td>
<td>378&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Andrewes, &amp; Randall, Precision Timekeeping</td>
<td>378&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Beech J., Beech &amp; Son, Materials House</td>
<td>376&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Bonnert, Peter, Carriage Clocks</td>
<td>48&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Bowles, David, In Search of Clocks in China and Tibet</td>
<td>270&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Brameld, Timothy, Regulators in the Royal Scottish Museum</td>
<td>469&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Brush, Daniel, Rose Engine Turning</td>
<td>377&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Buxton, David, White Dial Restoration</td>
<td>266&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Chapiro, Dr. A., The Lever Escapement</td>
<td>378&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Chapiro, Dr. A., Lepine</td>
<td>378&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Chellar, Kevin, Antiquarian Horology</td>
<td>376&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Crom, Theodore, Wheel-cutting Engines</td>
<td>377&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Davies, A. C, An American Invasion of Time</td>
<td>154&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Davies, Alun, Welsh Clocks</td>
<td>584&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Elton, Christopher, The Art of Engraving</td>
<td>267&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Evans, Geoffrey, The British Horological Institute</td>
<td>378&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Garnier, Richard, The Work of an Auction House</td>
<td>47&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Geitner, F., Lancashire Tool Making</td>
<td>47&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Good, Richard, Japanese Clocks</td>
<td>471&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Griffiths, John, Chronometer Making</td>
<td>378&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Griffiths, John, Lancashire Tool Making</td>
<td>47&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hackmann, Dr. Willem, Alexander Bain</td>
<td>468&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hadfield, G. &amp; J., Horological Books</td>
<td>378&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hall, George, Loughborough Hayes Timing Apparatus</td>
<td>271&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Harries, David, Marine Chronometers</td>
<td>472&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hewitt, P., Leicestershire Clockmakers</td>
<td>47&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hoke, D., Wooden Clock Movement Manufacture</td>
<td>156&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hutchinson, Beresford, Chronometers and Position Finding</td>
<td>269&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Irvine, P., Maintenance and Repair of Tower Clocks</td>
<td>469&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Irvine, P., The Development of 19th Century Turret Clocks</td>
<td>373&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Law, Rodney, The Development of the English Watch</td>
<td>153, 469&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lindsay, Eden, Electrical Horology</td>
<td>49&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Maltin, Michael, The Accuracy of Ben, lecture</td>
<td>52, 379&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Paton, L., Iron and Steel</td>
<td>374&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Penney, David, English Watchmaking</td>
<td>49, 50, 588&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Potts, Michael, Potts, Clockmakers of Leeds</td>
<td>161&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Randall, Anthony, Chronometers in the Time Museum</td>
<td>266, 378&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Redfern &amp; Dareau, Lantern Clocks</td>
<td>265&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Reid, Dr. Aberdeen University Horological Collections</td>
<td>586&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Roberts, Ken, Connecticut Wooden Clocks</td>
<td>377&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Roberts, Ken, Joseph Ives</td>
<td>372, 373&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Rose, Ronald, English Dial Clocks,</td>
<td>48, 374&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Ruddock, Marty, The Connant Clocks</td>
<td>156&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Shenton, Rita, Horological Books</td>
<td>49&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Shepphard, Victor, Bells and Bellringing</td>
<td>374&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Smith, Alan, Horological Trades of South-west Lancashire</td>
<td>271&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Smith, Alan, Time, Timekeeping and Museums</td>
<td>270&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Snell, Michael, Salisbury Clocks and Clockmakers</td>
<td>268&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Stephens, Carlene, William Bond &amp; Co.</td>
<td>378&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Stuart, Susan, Gillows of Lancaster</td>
<td>374&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Stuart, Susan, Labelled Furniture and Dated Clocks in the Lancashire Region</td>
<td>152&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Stuart, William, Irish Turret Clocks</td>
<td>376&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Stuart, William, One Hundred Best Slides</td>
<td>471&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Taylor, John, Seth Thomas and the Products of his Factory</td>
<td>152&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Tennant, Margaret, Interesting Foreign Faces</td>
<td>469&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Tennant, Margaret, Painted Dials and their Restoration</td>
<td>45&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Wade, F., ITR/IBM Supervised Time System</td>
<td>157&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Name</td>
<td>Page Numbers</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Wolcott, Henry, Clock Conversation</td>
<td>53&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Wolcott, Henry, Clock Restoration in Museums</td>
<td>378&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lee, James, wall clock</td>
<td>374&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lee, John, watch case maker</td>
<td>573, 575&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lee, John, see also Jaques, Sarah &amp; Lee, John</td>
<td>V17</td>
</tr>
<tr>
<td>Lee, Dr. John, Hartwell House Observatory</td>
<td>31&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leeds Castle, Kent, watch by Charles Goode</td>
<td>610&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leicester, Newark Houses Museum, AHS visit</td>
<td>47, 591&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Deacon family, clocks</td>
<td>47&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Deacon's workshop</td>
<td>47&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Deacon, Samuel, longcase clock</td>
<td>47&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Loseby, Edward, longcase clock</td>
<td>47&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Loseby, Edward, turret clock</td>
<td>47&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Pulsynetic Master Clock</td>
<td>56&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>turret clocks</td>
<td>47, 591&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leicester, St. Mary's church, turret clock</td>
<td>591&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leicestershire Clockmakers, lecture by P. Hewitt</td>
<td>47&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lehrner of Kachau, Vienna regulator</td>
<td>534&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Jay of Paris, regulators, observatory</td>
<td>36&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lelande, Joseph, astronomer</td>
<td>251&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Lode Museum, AHS visit</td>
<td>474&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Maire, Jacques, sundial</td>
<td>463&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leman, Frank, patent watchmaking machines</td>
<td>385&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lenoir of Paris, skeleton clock</td>
<td>510&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lenzkirch, A. G., clockmakers</td>
<td>457&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lepaute of Paris, regulators</td>
<td>36&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lepaute, P. H. &amp; P. L, mantel clock</td>
<td>217&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lepine, lecture by Dr. A. Chapiro</td>
<td>378&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leplastrier of Shadwell, watch No.2801</td>
<td>195&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Roy, La Dynastie des Horlogers du Roi, exhibition catalogue, review</td>
<td>83&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Roy of Paris, regulator</td>
<td>469&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>regulators</td>
<td>36&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>watch</td>
<td>473&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Roy, Julien, Improved Horizontal Sundial, by Anthony Turner</td>
<td>463&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Roy, Julien, portrait</td>
<td>288&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>watch No.3449</td>
<td>83&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Roy, Pierre, Précis des Recherches en France Depuis 1730 etc.</td>
<td>282&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Le Roy et Fils, wrist-watch</td>
<td>325&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lever Escapement, an Early Example, by Charles Aked</td>
<td>491&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lever escapement see also Escapement&lt;sup&gt;V17&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Lewes, Anne of Cleves House Museum, Harben, Thomas, wall clock, stolen</td>
<td>92&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lewis, F. wheel-cutting engines</td>
<td>373&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leyland, Thomas, lathe</td>
<td>498&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Liebherr, Joseph, regulators</td>
<td>36&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lincoln Cathedral, turret clock</td>
<td>161&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lincoln, Usher Gallery, Sutton, Robert, longcase clock</td>
<td>354&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lindlay, Joseph, surveyor</td>
<td>339&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lindsay, Eden, Electrical Horology, lecture</td>
<td>49&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Ling, W. see Needham, Ling, Price and Combridge&lt;sup&gt;V17&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Lir, regulator</td>
<td>36&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lister, Thomas, bracket clock</td>
<td>355, 416&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Litherland, Peter, rack-lever escapement</td>
<td>495&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Litherland, Peter &amp; Co., watch No.1075</td>
<td>280&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Litherland, Davies &amp; Co., watch No.8806</td>
<td>496&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Littleborough, Kent, turret clock</td>
<td>160&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Littlemore, Whitestone,</td>
<td>69&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Liverpool Museum,</td>
<td></td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Bond, William & Son, regulator No.395 138\textsuperscript{V17}
Lovelace, Jacob, clock 186\textsuperscript{V17}
Liverpool Observatory 137\textsuperscript{V17}
London, British Museum, \textsuperscript{V17}

- Catalogue of Watches Vol. 1 298, 400, 512\textsuperscript{V17}
- Habrecht, Isaac, carillon clock 521\textsuperscript{V17}
- Kiening, Hans, table clock 298\textsuperscript{V17}
- Tomlin, 'Wright's Patent' watch 267\textsuperscript{V17}
- Tompion, Thomas, bracket clock 'Medici' 292\textsuperscript{V17}
- Tompion, Thomas, watch 279\textsuperscript{V17}
- Windmills of London, watches 568-70\textsuperscript{V17}

London, Buckingham Palace, Norton, Eardley, four-dial clock 40\textsuperscript{V17}
London, Goldsmiths' Hall, Clock & Watchmaking 1987, exhibition 1\textsuperscript{V17}
London, Greenwich Royal Observatory, Bird, John, transit instrument 37\textsuperscript{V17}
London, Museum of London, Windmills of London, watch 568\textsuperscript{V17}
London, National Maritime Museum, \textsuperscript{V17}

- Charnock's views 37\textsuperscript{V17}
- Greenwich list of Observatories 31\textsuperscript{V17}
- Shelton, John, regulators 181\textsuperscript{V17}
- Windmills of London, watch 569\textsuperscript{V17}

London, Royal Society, Ellicott of London, watch 589\textsuperscript{V17}
Shelton, John, regulator 181\textsuperscript{V17}
London, Science Museum, \textsuperscript{V17}

- Call, Jan van, wall regulator 274\textsuperscript{V17}
- Cope & Molyneux, regulator 490\textsuperscript{V17}
- Green, James, Watch 122\textsuperscript{V17}
- Greenwood & Batley, screw-cutting machine 385\textsuperscript{V17}
- Jarvis, Roland, regulator 248\textsuperscript{V17}
- Shelton, John, regulator 181\textsuperscript{V17}
- Vulliamy, B. L., regulator No.1126 31\textsuperscript{V17}

London, Society of Arts 484, 492\textsuperscript{V17}
London, Victoria & Albert Museum, Windmills of London, bracket clock 579\textsuperscript{V17}
London, Worshipful Company of Clockmakers, Windmills of London, watch 569\textsuperscript{V17}

Longcase clock by \textsuperscript{V17}

- Aldridge, Thomas, stolen 514\textsuperscript{V17}
- Alsop, Joshua 120\textsuperscript{V17}
- Anonymous 154\textsuperscript{V17}
- Audoum, William 332-33\textsuperscript{V17}
- Aylward, John 544\textsuperscript{V17}
- Bagnall, Benjamin 194\textsuperscript{V17}
- Barraud of London, stolen 201\textsuperscript{V17}
- Binny, Daniel 543\textsuperscript{V17}
- Black, Alexander 45, 46\textsuperscript{V17}
- Bower, Peter 269\textsuperscript{V17}
- Brown, John 151\textsuperscript{V17}
- Cartwright, Thomas 277\textsuperscript{V17}
- Clay, Charles 117\textsuperscript{V17}
- Clay, Samuel 526\textsuperscript{V17}
- Clidsdale, Robert 150\textsuperscript{V17}
- Clowes, James 279\textsuperscript{V17}
- Clowes, John 296\textsuperscript{V17}
- Coates, John 473\textsuperscript{V17}
- Connant 156\textsuperscript{V17}
- Crouch, Edward 309\textsuperscript{V17}
- Crow, E., stolen 92\textsuperscript{V17}
- Dalgleish, Laurence 151\textsuperscript{V17}
- Davy, E. L., stolen 411\textsuperscript{V17}
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dawes, Thomas</td>
<td>104&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Deal, Thomas</td>
<td>275&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Decharmes, Simon, stolen</td>
<td>626&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Delander, Daniel</td>
<td>436&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Delander, Daniel, No.4</td>
<td>277-8&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Dingley, Robert, stolen</td>
<td>311&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Douglas of Chertsey, stolen</td>
<td>514&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Duchesne, Claude</td>
<td>224&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Ellicott, Joseph</td>
<td>39, 41-43&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Farewell, John</td>
<td>277&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Fletcher, Samuel, stolen</td>
<td>201&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Free, John</td>
<td>548&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Fromanteel of London</td>
<td>266&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Gartly, John</td>
<td>587&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Graham, George No.510</td>
<td>28&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Graham, George No.655</td>
<td>277-8&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Graham, George, Iden Coll.</td>
<td>79&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Graham, George, stolen</td>
<td>514&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Green, Charles</td>
<td>268&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Green, John</td>
<td>274&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Gwyn, George, stolen</td>
<td>411&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hartley, John</td>
<td>197, 307&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Heckstetter, Joseph</td>
<td>227&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hewett, George</td>
<td>134&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hill, William, junior</td>
<td>95&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Holmes, John</td>
<td>127&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Harpur, Henry</td>
<td>5&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Jones, Henry, parquetry</td>
<td>331&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Jones, Henry, walnut</td>
<td>450&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Ketterer, Peter &amp; Co.</td>
<td>622&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Kipling, William, stolen</td>
<td>202&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>350&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knibb, Joseph, early anchor</td>
<td>259, 278&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knibb, Joseph, Gershom Parkington Collection</td>
<td>263&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knibb, Joseph, marquetry</td>
<td>428&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knibb, Joseph, walnut, marriage</td>
<td>558&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knibb, Joseph, walnut, month</td>
<td>540&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Knibb, Joseph, walnut, month</td>
<td>331, 431&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Latter, Andrew, stolen</td>
<td>514&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Loseby, Edward</td>
<td>47&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Martin, John</td>
<td>587&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>May, John</td>
<td>517&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>McFarlane of Perth</td>
<td>265&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>McNab of Perth</td>
<td>264&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Nicholl, James</td>
<td>151&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Phippard, Thomas</td>
<td>521&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Quare, Daniel, month</td>
<td>7&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Quare, Daniel, No.111</td>
<td>115&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Quare, Daniel, quarter repeating</td>
<td>274&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Quare, Daniel, year-going</td>
<td>276, 424&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Quare &amp; Horsemans, musical</td>
<td>265&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Quare &amp; Horsemans, No.148</td>
<td>28&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Richardson, Edward</td>
<td>554&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Robertson, John</td>
<td>151&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Roskell, Robert</td>
<td>433&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Scott, George</td>
<td>150&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Shaw, Thomas</td>
<td>152&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>Sherwood, William</td>
<td>8-9</td>
</tr>
<tr>
<td>Snow, W., No.21</td>
<td>155</td>
</tr>
<tr>
<td>Stumbles, William</td>
<td>185</td>
</tr>
<tr>
<td>Sutton, Robert</td>
<td>214-5</td>
</tr>
<tr>
<td>‘Timekeeper’, stolen</td>
<td>201</td>
</tr>
<tr>
<td>Tolson, John</td>
<td>517</td>
</tr>
<tr>
<td>Tompion, Thomas, Bath</td>
<td>292</td>
</tr>
<tr>
<td>Tompion, Thomas, Iscoyd Park</td>
<td>292</td>
</tr>
<tr>
<td>Tompion, Thomas, month, walnut</td>
<td>275</td>
</tr>
<tr>
<td>Tompion, Thomas, No.208</td>
<td>101</td>
</tr>
<tr>
<td>Tompion, Thomas, ‘royal crown cresting’</td>
<td>242</td>
</tr>
<tr>
<td>Upjohn, Edward</td>
<td>154</td>
</tr>
<tr>
<td>Vise, John</td>
<td>238</td>
</tr>
<tr>
<td>Vulliamy, Justin</td>
<td>539</td>
</tr>
<tr>
<td>Walker, Allin, reproduction</td>
<td>513</td>
</tr>
<tr>
<td>Watts, Inigo, stolen</td>
<td>311</td>
</tr>
<tr>
<td>Weston, Samuel</td>
<td>21</td>
</tr>
<tr>
<td>Whitehurst of Congleton</td>
<td>586</td>
</tr>
<tr>
<td>Williamson, John</td>
<td>278</td>
</tr>
<tr>
<td>Williamson, Joseph</td>
<td>470</td>
</tr>
<tr>
<td>Wills, Edmund</td>
<td>269</td>
</tr>
<tr>
<td>Wilmshurst, Stephen</td>
<td>202</td>
</tr>
<tr>
<td>Windmills of London</td>
<td>220, 566</td>
</tr>
<tr>
<td>Windmills, Joseph, musical</td>
<td>577</td>
</tr>
<tr>
<td>Windmills, Joseph, movement</td>
<td>567</td>
</tr>
<tr>
<td>Windmills, Joseph, red lacquer</td>
<td>576</td>
</tr>
<tr>
<td>Windmills, Joseph, walnut</td>
<td>99</td>
</tr>
<tr>
<td>Windmills, Joseph, 30-hour</td>
<td>473</td>
</tr>
<tr>
<td>Windmills, Joseph &amp; Thomas, table of</td>
<td>564-5</td>
</tr>
<tr>
<td>Windmills &amp; Bennett</td>
<td>566</td>
</tr>
<tr>
<td>Wise, Luke, stolen</td>
<td>311</td>
</tr>
</tbody>
</table>

Long Duration clocks, month

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auld&amp; Reid, regulator</td>
<td>488</td>
</tr>
<tr>
<td>Crouch, Edward, longcase clock</td>
<td>309</td>
</tr>
<tr>
<td>Dawes, Thomas, longcase clock</td>
<td>104</td>
</tr>
<tr>
<td>Deal, Thomas, longcase clock</td>
<td>275</td>
</tr>
</tbody>
</table>

Long Duration clocks, month cont

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duchesne, Claude, longcase clock</td>
<td>224</td>
</tr>
<tr>
<td>Du Grand Mesnil, bracket clock</td>
<td>132</td>
</tr>
<tr>
<td>Earnshaw, Thomas, regulator</td>
<td>510</td>
</tr>
<tr>
<td>Fraye, mantel clock</td>
<td>510</td>
</tr>
<tr>
<td>Knibb, Joseph, longcase clock</td>
<td>430, 540</td>
</tr>
<tr>
<td>Lenoir of Paris, skeleton clock</td>
<td>510</td>
</tr>
<tr>
<td>May, John, longcase clock</td>
<td>517</td>
</tr>
<tr>
<td>Quare, Daniel, longcase clock</td>
<td>7, 115, 274</td>
</tr>
<tr>
<td>Rauschmann, Budan, Vienna regulator</td>
<td>444</td>
</tr>
<tr>
<td>Schiesel, Franz, Vienna regulator</td>
<td>444</td>
</tr>
<tr>
<td>Tompion, Thomas, longcase clock No.208</td>
<td>101</td>
</tr>
<tr>
<td>Tompion, Thomas, longcase clock</td>
<td>242</td>
</tr>
<tr>
<td>Whitmore of Northampton, wall clock No. 390</td>
<td>123</td>
</tr>
<tr>
<td>Zuchy, Karl, wall regulator</td>
<td>2</td>
</tr>
</tbody>
</table>

Long Duration, six months anonymous, skeleton clock | 218
Long Duration, Three months anonymous, regulator | 248
Long Duration watch

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>anonymous</td>
<td>196</td>
</tr>
<tr>
<td>Cartier European Watch &amp; Clock Co.</td>
<td>635</td>
</tr>
</tbody>
</table>

Long duration, year
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

anonymous, skeleton clock  510\textsuperscript{V17}
anonymous, Vienna regulator  326\textsuperscript{V17}
Brocot, Achille, wall regulator  23\textsuperscript{V17}
Clowes, James, longcase clock  279\textsuperscript{V17}
Jacob, Aimé, regulator  225\textsuperscript{V17}
Quare, Daniel, longcase clock  424\textsuperscript{V17}
Reith, James, regulator  28\textsuperscript{V17}

Longines, wrist-watch  365, 421\textsuperscript{V17}
  wrist-watch, pilot's  527\textsuperscript{V17}
  wrist-watch, stolen  515\textsuperscript{V17}
Lorenz Bob, clockmakers  456\textsuperscript{V17}
Loseby, Edward, longcase clock  47\textsuperscript{V17}
  turret clock  47, 591\textsuperscript{V17}
Lost watch advertisements  582\textsuperscript{V17}

Loughborough Hayes Timing Apparatus, lecture by George Hall  271\textsuperscript{V17}

Lovelace, Jacob, clockmaker  186\textsuperscript{V17}
  Exeter cathedral clock  154\textsuperscript{V17}
  watch  155\textsuperscript{V17}
Lowndes, Jonathan, bracket clock  445\textsuperscript{V17}
Ludlum, pendulum  279\textsuperscript{V17}
Lukens, regulator  36\textsuperscript{V17}
Lunar distancing  269\textsuperscript{V17}

Lunar indications\textsuperscript{V17}
  anonymous, mantel regulator  18\textsuperscript{V17}
  Audoum, William, Longcase clock  332-3\textsuperscript{V17}
  Benson, J. W., watch No. 2414  536\textsuperscript{V17}
  Brameld, Timothy, table regulator  151\textsuperscript{V17}
  Brocot, Achille, mantel clock  442\textsuperscript{V17}
  Clay, Samuel, longcase clock  526\textsuperscript{V17}
  Ellicott, Joseph, longcase clock  39, 41-43\textsuperscript{V17}
  Hewett, George, longcase clock  134\textsuperscript{V17}
  Jump of London, carriage clock  328\textsuperscript{V17}
  Patek Philippe, pocket chronometer  240, 633\textsuperscript{V17}
  Patek Philippe, wrist-watch  523\textsuperscript{V17}
  Pybus, William, watch  107\textsuperscript{V17}
  Robertson, John, Longcase clock  151\textsuperscript{V17}

Lund, compensation weight  211\textsuperscript{V17}
Lund see Barraud & Lund\textsuperscript{V17}
Lupton, C., bracket clock  316\textsuperscript{V17}

M
McCabe, James, mantel clock  446\textsuperscript{V17}
  watch, black dial  453\textsuperscript{V17}
McCulloch see Wales & McCulloch\textsuperscript{V17}
McDowell, Charles  502\textsuperscript{V17}
McFarlane of Perth, longcase clock  265\textsuperscript{V17}
McNab of Perth, Chronologium Equilibrium  265\textsuperscript{V17}
  longcase clock  264\textsuperscript{V17}
Maddeford, C., watch No. 1841  310\textsuperscript{V17}
Madrid, Patrimonio Nacional, catalogue review  499\textsuperscript{V17}
Magellan, Jean Hyacinthe de, regulators  36\textsuperscript{V17}
Mahler, Franz-Joseph, regulator  36\textsuperscript{V17}
Maidstone Museum, turret clock  158, 590\textsuperscript{V17}
Mainspring, double\textsuperscript{V17}
  anonymous, watch  196\textsuperscript{V17}
  Berthoud, watch  89\textsuperscript{V17}
  Cartier, watch  635\textsuperscript{V17}
  Clarke, Gene, pocket chronometer No. 7  229\textsuperscript{V17}
Congreve, William, rolling ball clock 196
Maintaining power, Green, James, watch 122
Maltin, Michael, The Accuracy of Big Ben, lecture 52, 379
Mantel clock by anonymous. 'bras-en-l'air' 102
anonymous, 'chariot and horses', stolen 311
anonymous, cuckoo, stolen 92
anonymous, 'Emperor's birthday' 401
anonymous French urn 335
anonymous, lyre, stolen 626
anonymous, two-column 551
anonymous, stolen from Bowes Museum 626
anonymous, 'water wheel', stolen 92
Arnold, John Roger 606
Barraud & Lund 47
Barraud & Lund, stolen 515
Benzie of London 427
Bordier Fils, stolen 311
Breguet of Paris No.4090, stolen 409
Breguet of Paris, with metronome 80
Brockbank & Atkins, stolen 310
Brocot, Achille 442
Bunyan & Gardner 47
Cartier No.1670 545
Cole, Thomas 327
Craighead & Webb 546
Earnshaw, Thomas 510
Fraye 510
Grohe of London 231
Hancock of London 535
Hausman of Paris, stolen 311
Hiller, Bernard, 116
Ingold, Pierre, 266
Jump of London 336
Lepaute of Paris 217
McCabe, James 446
Moreau, F., stolen 310
Pontoine of Paris, stolen 201
Semaine 441
Spencer, Earl of Northampton 17
WF of Vienna 444
Manuel, Louis Pierre 250
Marc, Henry, bracket clock 155
March, watch movement maker 481
Marconi, Wireless & Telegraph Co., watch 86
Marden, Kent, turret clock 48
Maréchal, Pierre, Almanach des Honnêtes Gens 249
Almanach des Républicains 250
portrait 250
Tableau Historique 254
Margaine of Paris, carriage clock 546
Margetts, George, watch 267
Marine Timekeeper, remarks by D. Bernoulli 284
Marinoni, Jean Jaques de, regulators 36
Markham see Markwick, Markham
Markham see Markwick, Markham & Perigal
Markwick, James, bracket clock 213
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Markwick, Markham, bracket clock, stolen 310
Markwick, Markham & Perigal, watch, stolen 515
Marlborough, John, Duke of 580
Marlborough, Wilts., turret clocks 593
Marquetry clock cases
Alsop, Joshua, longcase clock 120
Aylward, John, longcase clock 544
Clowes, John, longcase clock 296
Dingley, Robert, longcase clock, stolen 311
Duchesne, Claude, longcase clock 224
Gould, Christopher, wall clock 123
Knibb, Joseph, longcase clock 428
Martin, John, longcase clock 587
Windmills, Joseph, longcase clock 99

Marriott of London, regulator, 36, 586
Mart of Paris, patent lathe 386
Martin, Benjamin, by John Millburn, review 615
Martin, John, longcase clock 587
Martin of Paris, regulator 36
Martineau, Joséph, regulators 36
Maskelyn, Dr. Nevill 485
Massachusetts Watchmakers by August
Bolino, review 81

Massey, Edward, remontoire escapement 485
Massy, Henry, bracket clock, stolen 626
Matematico de Reloxeria by Manuel de Zarella e Yconga, review 81
Maudslay, Henry, screw-cutting lathe 383
Maurer, Rupert, clockmaker 456
Maurer & Höfler, clockmakers 456
Mauss, Joachim, A Compteur Militaire Pocket Watch 145
May, John, longcase clock 517
Mayfield, Sussex, clockmakers of
turret clock 86
Meanwood, turret clock 373
Mellert, Franz, cuckoo clock painter 455
Melly Frères, watch, stolen 91
Mempstead, John, turret clock 160
Mercer Chronometers Ltd., AHS visit 470
Meridian cannon 237
Merlin, Joseph, clockmaker 502
Merlin, Philippe 256
Mermod, Frères, watch 511
Merriman, Titus, clockmaker 373
Merritt of Canterbury, clockmaker 159
Mersey Docks & Harbour Co. 137
Miles of London, pocket chronometer, stolen 202
Millar, G., skeleton clock 264
Millburn, John, A Bill of John Ellicott's
Benjamin Martin, review 615
Mills, Humphrey, lantern clock 265
Molina of Madrid, regulator 36
Molyneux of London, regulators 36
Molyneux & Cope, regulators 36
Mondehave, Johannes, bracket clock 235
Mones & Jones, Joseph Ellicott, Master Clockmaker 39
Money, Robert, The Clocks of St. Dunstan's Mayfield, review 500
Monge, Gaspard, mathematician 251
Monk, John, regulator
Monkhouse, John, bracket clock, stolen
regulator
Monogram on a watch
Month-going see long duration, month
Moore, Roger, lantern clock, stolen
Morath, F., clock importer
Moreau, F., mantel clock, stolen
Morgan, Octavius,
Morgan, J. Pierpont, collection
Morgan, S.I. winding indicator
Morveau, Guyton de, collection
Mossocke, Thomas, watchmaker
Motel, Henri, marine chronometer No.186
Mounier, Jean Jose
Moyner see Bault & Moyner
Mudge Thomas
  marine chronometer,
  watch No.22
  watch No.260
  watch No.283
Mudge & Dutton, bracket clock
regulators
Mühe, Kahlert & Techen, Kuckucksuhren, review
Mulford, J. H. escapement
Müller, Domenikus, cuckoo clock retailer
Muller, Franz, Vienna regulator
Muller Joseph, screw-cutting machine
Muller & Schweizer, lathes
Munster Castle, Cumbria, turret clock
Muncaster Castle, turret clock
Musical clock
  anonymous, bracket clock, stolen
  anonymous skeleton clock
Audoum, William, longcase clock
Copland & King, clock
Deacon, Samuel, clock
Ellicott, Joseph, longcase clock
Exhibition, Prescot museum
Habrecht, Isaac, 1589
Hart, Aaron, bracket clock
Hewett, George, longcase clock
Hughes of London, bracket clock, stolen
Ingold, Pierre, singing bird
Lister, Thomas, bracket clock
Markwick, Markham, bracket clock, stolen
Nash & Wilson, bracket clock
Norton, Eardley', bracket clock
Pontoine of Paris, mantel clock, stolen
Prior, George, bracket clock
Pyke, Benjamin, bracket clock, stolen
Quare & Horseman, longcase clock
Wales & McCulloch, bracket clock, stolen
Walker, Allin, longcase clock
Weeks of London

Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Wills, Edmund, long case clock 269\textsuperscript{V17}
Windmills, Joseph, Longcase clock 577\textsuperscript{V17}

Muston, George, regulator 36\textsuperscript{V17}
Mystery clock, Cartier of No.1670 545\textsuperscript{V17}

N
Nash & Wilson, bracket clock 22\textsuperscript{V17}
Nautical almanack 269\textsuperscript{V17}
Neale, J. A., More Tilting at Windmills 563\textsuperscript{V17}
Neale, Thomas, Seven Dials monument 507\textsuperscript{V17}
Needham, Ling, Price & Combridge, Heavenly Clockwork. review 80\textsuperscript{V17}
Negus, marine chronometer 503\textsuperscript{V17}
Nelson, Peter, wheel-cutting engine 405\textsuperscript{V17}
Nenzelius of Lund, regulator 36\textsuperscript{V17}

Nettell, David, \textsuperscript{V17}
An Amateur's Guide to Automatic Winders, review 614\textsuperscript{V17}
Obituary 561\textsuperscript{V17}
Neuchatel, Museum of Art & History, AHS visit 474\textsuperscript{V17}
Neuchatel, observatory 474\textsuperscript{V17}
Newark, Upton Hall, National Exhibition of Time 356\textsuperscript{V17}
Newarke Houses Museum see Leicester\textsuperscript{V17}
Newbury, Town Hall, turret clock 53\textsuperscript{V17}
Newton, Sir Isaac, portrait 605\textsuperscript{V17}
New York, Metropolitan Museum of Art, Pierpont Morgan Collection 53\textsuperscript{V17}
Nicholls, James, longcase clock 151\textsuperscript{V17}
Nicholls, F., wall clock, stolen 515\textsuperscript{V17}
Nicholson, David, Santa Fe, How it Governs its Timepieces, review 298\textsuperscript{V17}
Nicklin, William, regulator 279\textsuperscript{V17}
Nieberg, Johann, wall regulator 320\textsuperscript{V17}
Nitot of Paris, bracelet watch 357\textsuperscript{V17}
Norton, Eardley, astronomical clock 40\textsuperscript{V17}
Neale, J. A., More Tilting at Windmills 563\textsuperscript{V17}
Neale, Thomas, Seven Dials monument 507\textsuperscript{V17}

Nungambakkam Observatory 182\textsuperscript{V17}

Obituary, \textsuperscript{V17}
Fayle, Andrew 356\textsuperscript{V17}
Hobson, Charles 247\textsuperscript{V17}
Nettell, David 561\textsuperscript{V17}
Quill, Colonel R. H. 245\textsuperscript{V17}
Schindler, Georg 136\textsuperscript{V17}

Observatory, Boston 378\textsuperscript{V17}
Edinburgh 488\textsuperscript{V17}
Egmore, Madras 181\textsuperscript{V17}
Greenwich 31, 604\textsuperscript{V17}
Hartwell House 31\textsuperscript{V17}
Harvard College 138\textsuperscript{V17}
Jamaica 600\textsuperscript{V17}
Kew 359\textsuperscript{V17}
Kodaikanal 181\textsuperscript{V17}
Liverpool 137\textsuperscript{V17}
Neuchatel 474\textsuperscript{V17}
Nungambakkam 182\textsuperscript{V17}
**Cumulative Index for Antiquarian Horology Volumes 10 to 19**

Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>City</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxford</td>
<td>181, 605&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Peking</td>
<td>168&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Washington</td>
<td>483&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Oldenburg, Henry</td>
<td>405&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Ordnance, Clockmaker to the office of</td>
<td>90&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Organ clock see musical clock&lt;sup&gt;V17&lt;/sup&gt;</td>
<td></td>
</tr>
<tr>
<td>Ormsby, H., watchmaker</td>
<td>409&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Osborne see Wilson &amp; Osborne</td>
<td>409&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Owletts, Cobham, Kent, clock stolen</td>
<td>626&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Oxford, Ashmolean Museum, Chamberlaine, Nathaniel, watch</td>
<td>582&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Windmills of London, watches</td>
<td>568-70, 575, 580&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Oxford, Museum of the History of Science,</td>
<td>181&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Shelton, John, regulator</td>
<td>181&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Windmills of London, watch</td>
<td>570&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Oxford, Radcliff Observatory,</td>
<td>604&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
<tr>
<td>Shelton, John regulator</td>
<td>181&lt;sup&gt;V17&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

**P**

Packard, James Ward | 562<sup>V17</sup> |

Pain ting, with stackfreed watch | 299<sup>V17</sup> |

Paller, Leonard, Barraud & Lund Pocket<sup>V17</sup> |

Chromometer No.2/847 | 608<sup>V17</sup> |

A Chronometer I Chronograph | 179<sup>V17</sup> |

Parker, Charles, screw making machine | 384<sup>V17</sup> |

Parkhurst, Edward, lathe | 383<sup>V17</sup> |

Parkinson & Frodsham, regulators | 36<sup>V17</sup> |

Parks, John, watch No.648 | 280<sup>V17</sup> |

Parsonstown, 'Leviathan', telescope | 50, 51<sup>V17</sup> |

Partridge, see Windmills & Partridge<sup>V17</sup> |

Passie, see Windmills & Partridge<sup>V17</sup> |

Partridge, John, regulator | 36<sup>V17</sup> |

Passie mg Strike, bracket clock by William Audoum, | 121<sup>V17</sup> |

Patek Philippe of Geneva, AHS visit | 474<sup>V17</sup> |

chronograph | 322<sup>V17</sup> |

Packard watch | 562<sup>V17</sup> |

pocket chronometer | 240, 633<sup>V17</sup> |

watch, most complicated | 454<sup>V17</sup> |

wrist-chronograph No.868207 | 105<sup>V17</sup> |

wrist chronograph No.869103 | 105<sup>V17</sup> |

wrist-watches | 24, 128, 322, 421, 423, 523<sup>V17</sup> |

**Patent**<sup>V17</sup> |

Automatic Standard Screw Company lathe, 1889 | 390<sup>V17</sup> |

Bechler automatic lathe | 392<sup>V17</sup> |

Champion, A. A., chronograph | 179<sup>V17</sup> |

Davidsons 'memorandum' clock | 587<sup>V17</sup> |

Davis, telescope | 510<sup>V17</sup> |

Japy, Frederic, watch production machines | 383<sup>V17</sup> |

Junkers, automatic lathe, 1896 | 390<sup>V17</sup> |

Laubscher, Samuel, automatic lathe, 1892 | 390<sup>V17</sup> |

Marti, automatic lathe | 386<sup>V17</sup> |

Morgan, S. J., winding indicator | 395, 397<sup>V17</sup> |

Mullford, J. H., escapement | 589<sup>V17</sup> |

Muller & Schweizer, pivotting machine | 385<sup>V17</sup> |

Parker, Charles, screw cutting machine | 384<sup>V17</sup> |

Powell's static barrel | 395<sup>V17</sup> |

Russel & Sax, wall clock | 511<sup>V17</sup> |

Sauser-Jaggi, lathe 1898 | 386<sup>V17</sup> |

Schweizer, Jacob, electric clock | 386<sup>V17</sup> |

Spencer, Christopher, automatic lathe | 383<sup>V17</sup> |
Stanley, Samuel, winding indicator 396 V17
Stehl, automatic lathe 391 V17
Trusted, Charles, repeating mechanism 281 V17
Woerd, C. V., pinion making machine 384 V17
Paton, Les, Iron and Steel, lecture 374 V17
PD, punched mark 568 V17
Peking, Imperial Observatory, globe 168 V17
Peking, Natural History Museum, globe 166 V17
Peking, Palace Museum, clocks 401 V17
Pendleton, Richard, watch No.957 267 V17
Pendulum, barometric pressure effects 601 V17
Graham’s observations 599 V17
gridiron by Shelton 182 V17
latitude effects 602 V17
Ludlum type 279 V17
mercurial 23, 230, 276 V17
torsion 187 V17
twin 28 V17
Penicuik House, Midlothian, AHS visit 46 V17
Penney, David, drawing 214 V17
Pennington, Richard, clockmaker 495 V17
Pennington, Pendleton & Others, marine chronometer No.22 300 V17
Penton, Charles, turret clock 52 V17
Perigal, Francis, bracket clock, stolen 514 V17
Perigal, see Markwick Markham & Perigal V17
Perpignan, turret clock 379 V17
Perth, Museum, clocks 264 V17
Pétermann see Colomb & Pétermann V17
Petite-sonnerie,  
Beguet of Paris, carriage clock No.3971 518 V17
Cugnier of Paris, travelling clock 348 V17
Petrie, William, 181 V17
Pfaff, Johann, cuckoo clock retailer 459 V17
Pfenniger, J. C., regulators 36 V17
Philadelphia Centennial Exhibition, 1876 384 V17
Philadelphia, Drexel Institute, astronomical clock 39 V17
Phillips, Edouard, portrait 290 V17
Phippard, Thomas, longcase clock 521 V17
Phoenix Indestructible Calendar watch 473 V17
Pierce, Edward, stonemason 507 V17
Pihl, A., regulator 36 V17
Pinion making machine 384 V17
Pittuck, H., wall clock, stolen 515 V17
Planing machine 373 V17
Plymouth Dockyard, Vulliamy turret clock 186 V17
Pogson, Norman, astronomer 184 V17
Politzer, H. E., inscribed on a watch 515 V17
Ponsford, C. N., Devon Clocks and Clockmakers, review 185 V17
Pontevedra Museum, Catalogue of Sundials, review 188 V17
Pontoine of Paris, mantel clock, stolen 201 V17
Popplewell of London, agent for patents 391 V17
Porcelain clock case 535 V17
Portrait,  
Beha, J. B. 621 V17
Graham, George 597 V17
Newton, Sir Isaac 605 V17
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Phillips, Edouard
   290\textsuperscript{V17}

Prior, John
   491\textsuperscript{V17}

Portuguese clockmaking
   189\textsuperscript{V17}

Potter, Albert, watch with tourbillon
   229\textsuperscript{V17}

Potter, William, wrist-watch adaptor
   359\textsuperscript{V17}

Potts, Clockmakers of Leeds, lecture by M. Potts
   161\textsuperscript{V17}

Potts of Leeds, turret clocks
   159, 161, 590\textsuperscript{V17}

Potts, William, turret clock
   373\textsuperscript{V17}

Pound, James, rector
   604\textsuperscript{V17}

Powell's Patent mainspring barrel
   395\textsuperscript{V17}

Powderham Castle, Exeter, Stumbles longcase clock
   185\textsuperscript{V17}

Pratt & Witney, turret lathe
   384\textsuperscript{V17}

Precision Timekeeping, lecture by Andrewes & Randall
   378\textsuperscript{V17}

Prescot Museum
   498\textsuperscript{V17}

Arnold, John & Son, marine chronometer No.30/120279\textsuperscript{V17}

Exhibition, The World of Mechanical Musk
   562\textsuperscript{V17}

Trainee in horology
   560\textsuperscript{V17}

Prest, Thomas, watchmaker
   267, 279\textsuperscript{V17}

Princes-wood, bracket clock
   178\textsuperscript{V17}

Pricke & Sons, wrist-watch retailer
   360\textsuperscript{V17}

Prior, George, bracket clock
   219\textsuperscript{V17}

remontoire escapement
   485\textsuperscript{V17}

watch No.16352, stolen
   91\textsuperscript{V17}

Prior, John, escapement portrait
   492-495\textsuperscript{V17}

Programme 1988/1989
   54, 162, 272, 380, 475, 594\textsuperscript{V17}

Pulsynetic Master Clock System by D. J. Bird
   56\textsuperscript{V17}

Pulsynetic master clock, case styles
   56, 58\textsuperscript{V17}

double locked type
   56\textsuperscript{V17}
idle machine recorder
   60\textsuperscript{V17}
miscellaneous equipment
   59\textsuperscript{V17}
patents
   66\textsuperscript{V17}
power supplies and wiring
   59\textsuperscript{V17}
programme instrument
   60\textsuperscript{V17}
shunt resistances
   56\textsuperscript{V17}
special applications
   61\textsuperscript{V17}

Punnett, Thomas, turret clock
   86\textsuperscript{V17}

Pybus, William, double dial watch
   107\textsuperscript{V17}

Pyke of London, clock
   155\textsuperscript{V17}

Pyke, Benjamin, bracket clock, stolen
   514\textsuperscript{V17}

Qi Mei-Lu, celestial globes
   165\textsuperscript{V17}

Quadrant, by\textsuperscript{V17}

Bird, John
   181\textsuperscript{V17}

Graham, George
   604\textsuperscript{V17}

Quare, Daniel, bracket clock No.32
   435, 630\textsuperscript{V17}

longcase clock, month going
   7\textsuperscript{V17}

longcase clock No.111
   115\textsuperscript{V17}

longcase clock, quarter repeat
   274\textsuperscript{V17}

longcase clock, year going
   276, 424\textsuperscript{V17}

watch No.4624
   575\textsuperscript{V17}

watch with quarter repeat
   473\textsuperscript{V17}

watchmaker
   575\textsuperscript{V17}

Quare & Horsemann, longcase clock No.148
   28\textsuperscript{V17}

longcase clock, musical
   265\textsuperscript{V17}

watches
   576\textsuperscript{V17}

watchmakers
   575\textsuperscript{V17}
Quarter chiming see chiming, quarter
Quarter repeat see repeat, quarter
Quill, Colonel R. H., obituary
reflection, by Andrew King
Quorn, Leics., turret clock
R
Radford, William, watch No.5788
Radium 226
Railway timekeepers
Ramsbottom, St. Andrew's church, turret clock
Randall, Anthony, Chronometers in the Time
Museum, lecture
Thomas Earnshaw's Numbering Sequence
Randall see Andrewes & Randall
Rauschmann, Budan, Vienna regulator
regulator
Ray, Daniel, watchpaper
Raymond, B. W., watch
RD monogram
Redfern, John, Lantern Clocks, lecture
Reed see Thwaites & Reed
Régnauld de St. Jean d'Angely
Regulator see also Vienna regulator
Regulator by
Allam of London
Arnold of London, various
Arnold & Dent
Auch, Gotha
Baker, Henry
Balthazar, Henri
Barraud of London
Barton, Thomas
Berthoud of Paris
Bond, William
Bond, William & Son No.395
Boucher of Paris
Brameld, Timothy
Breguet of Paris
Brockbank, John
Brockbank & Atkins
Bryson of Edinburgh
Burgi, Jost
Ceulen van of The Hague
Clarke, Richard
Cloes, van der of Leiden
Cope & Molyneux
Crossthwaite, John
Cumming, Alexander
Cumming & Grant
Dent of London
Dent, E. J.
Drabble, Joshua
Earnshaw, Thomas
Ellicott, John
Earnst, P.
Fertbauer, P.
Fraunhofer, Joseph
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frodsham of London</td>
<td>V17</td>
</tr>
<tr>
<td>Frodsham, Charles, No.1329</td>
<td>V17</td>
</tr>
<tr>
<td>Gallonde of Paris</td>
<td>V17</td>
</tr>
<tr>
<td>Gill</td>
<td>V17</td>
</tr>
<tr>
<td>Golman</td>
<td>V17</td>
</tr>
<tr>
<td>Graham, George, 1745 illus.</td>
<td>V17</td>
</tr>
<tr>
<td>Graham, George</td>
<td>V17</td>
</tr>
<tr>
<td>Grimaldi, Peter</td>
<td>V17</td>
</tr>
<tr>
<td>Grimaldi &amp; Johnson</td>
<td>V17</td>
</tr>
<tr>
<td>Gropengeisser of Philadelphia</td>
<td>V17</td>
</tr>
<tr>
<td>Gutkas of Dresden</td>
<td>V17</td>
</tr>
<tr>
<td>Haley, Charles</td>
<td>V17</td>
</tr>
<tr>
<td>Hardy, William,</td>
<td>V17</td>
</tr>
<tr>
<td>Haswell</td>
<td>V17</td>
</tr>
<tr>
<td>Haswell, Alexander</td>
<td>V17</td>
</tr>
<tr>
<td>Hawting, John</td>
<td>V17</td>
</tr>
<tr>
<td>Holmes, John</td>
<td>V17</td>
</tr>
<tr>
<td>Hubert of London</td>
<td>V17</td>
</tr>
<tr>
<td>Jacob, Aimé</td>
<td>V17</td>
</tr>
<tr>
<td>Janvier, Antide</td>
<td>V17</td>
</tr>
<tr>
<td>Jarvis, Roland</td>
<td>V17</td>
</tr>
<tr>
<td>Jenkins of Merthyr</td>
<td>V17</td>
</tr>
<tr>
<td>Johnson of Copenhagen</td>
<td>V17</td>
</tr>
<tr>
<td>Johnson of London</td>
<td>V17</td>
</tr>
<tr>
<td>Jones, Thomas</td>
<td>V17</td>
</tr>
<tr>
<td>Jurgensen of Copenhagen</td>
<td>V17</td>
</tr>
<tr>
<td>Kendall, Larcum</td>
<td>V17</td>
</tr>
<tr>
<td>Kessels, Heinrik</td>
<td>V17</td>
</tr>
<tr>
<td>King, John</td>
<td>V17</td>
</tr>
<tr>
<td>Klindworth of Göttingen</td>
<td>V17</td>
</tr>
<tr>
<td>Knebel, B. R.</td>
<td>V17</td>
</tr>
<tr>
<td>Knebel, H. F.</td>
<td>V17</td>
</tr>
<tr>
<td>Landtvaerk, Christiania</td>
<td>V17</td>
</tr>
<tr>
<td>Le Jay of Paris</td>
<td>V17</td>
</tr>
<tr>
<td>Le Paute of Paris</td>
<td>V17</td>
</tr>
<tr>
<td>LeRoy of Paris</td>
<td>V17</td>
</tr>
<tr>
<td>Liebherr, Joseph</td>
<td>V17</td>
</tr>
<tr>
<td>Lir</td>
<td>V17</td>
</tr>
<tr>
<td>Lukens</td>
<td>V17</td>
</tr>
<tr>
<td>Magellan, Jean - Hyacinthe de</td>
<td>V17</td>
</tr>
<tr>
<td>Mahler, Franz-Joseph</td>
<td>V17</td>
</tr>
<tr>
<td>Marioni, Jean Jacques de</td>
<td>V17</td>
</tr>
<tr>
<td>Marriott of London</td>
<td>V17</td>
</tr>
<tr>
<td>Mart of Paris</td>
<td>V17</td>
</tr>
<tr>
<td>Martineau, Joseph</td>
<td>V17</td>
</tr>
<tr>
<td>Molina of Madrid</td>
<td>V17</td>
</tr>
<tr>
<td>Molyneux of London</td>
<td>V17</td>
</tr>
<tr>
<td>Molyneux &amp; Cope</td>
<td>V17</td>
</tr>
<tr>
<td>Monk, John</td>
<td>V17</td>
</tr>
<tr>
<td>Monkhouse, John</td>
<td>V17</td>
</tr>
<tr>
<td>Mudge &amp; Dutton</td>
<td>V17</td>
</tr>
<tr>
<td>Muston, George</td>
<td>V17</td>
</tr>
<tr>
<td>Nenzelius of Lund</td>
<td>V17</td>
</tr>
<tr>
<td>Nieberg, Johann</td>
<td>V17</td>
</tr>
<tr>
<td>Nicklin, William</td>
<td>V17</td>
</tr>
<tr>
<td>Niggel of Vienna</td>
<td>V17</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Nynander of Stockholm 36\textsuperscript{v17}

Parkinson & Frodsham 36\textsuperscript{v17}

Passemant, Claude-Siméon 36\textsuperscript{v17}

Pfenninger, J. C. 36\textsuperscript{v17}

Pihl, A. 36\textsuperscript{v17}

Rauschmann of Buda 36\textsuperscript{v17}

Reichenbach & Liebherr 36\textsuperscript{v17}

Reid, Thomas 487\textsuperscript{v17}

Reid & Auld 37, 487-8\textsuperscript{v17}

Reith, James 28\textsuperscript{v17}

Repsold of Hamburg 37\textsuperscript{v17}

Riemer, Claus 37\textsuperscript{v17}

Robin, Robert 37\textsuperscript{v17}

Rouma 37\textsuperscript{v17}

Sasch of Vienna 37\textsuperscript{v17}

Schiesel, Franz 444\textsuperscript{v17}

Schmidt of Vienna 37\textsuperscript{v17}

Schwarz 37\textsuperscript{v17}

Seyffert of Dresden 37\textsuperscript{v17}

Sharpe 37\textsuperscript{v17}

Shearer, James 50\textsuperscript{v17}

Shelton, John 37, 181-184\textsuperscript{v17}

Snellen, W. 37\textsuperscript{v17}

Song-I-Yong 37\textsuperscript{v17}

Street, Richard 37\textsuperscript{v17}

Strigel of London 37\textsuperscript{v17}

Thuret, Isaac 37\textsuperscript{v17}

Tiede of Berlin 37\textsuperscript{v17}

Tompion, Thomas 37\textsuperscript{v17}

Tovey, H. 554\textsuperscript{v17}

Utzschneider & Leibherr 37\textsuperscript{v17}

Voisin, Henri 37\textsuperscript{v17}

Vulliamy of London 37\textsuperscript{v17}

Vulliamy, B. L. No.1126 31\textsuperscript{v17}

Washington observatory 483\textsuperscript{v17}

Willard, Simon 37\textsuperscript{v17}

Williamson, Joseph 266\textsuperscript{v17}

Regulator, Mantel anonymous, double dial 18\textsuperscript{v17}

Regulator, table Brameld, Timothy 151\textsuperscript{v17}

Regulator, wall\textsuperscript{v17}

anonymous, grande-sonnerie 15\textsuperscript{v17}

Brocot, Achille 23\textsuperscript{v17}

Klenner, Ferenez, stolen 92\textsuperscript{v17}

Zuchy, Karl 2\textsuperscript{v17}

Reich see Stegerer& Reich\textsuperscript{v17}

Reichenbach & Liebherr, regulator 36\textsuperscript{v17}

Reid, Dr. Aberdeen University Horological Collections, lecture 586\textsuperscript{v17}

Reid, Thomas, regulator 487\textsuperscript{v17}


Regulator, turret clock conversion 150\textsuperscript{v17}

Reid & Auld, regulator 37, 487\textsuperscript{v17}

shops 507, 508, 625\textsuperscript{v17}

Reid & Sons, pocket chronometer, stolen 514\textsuperscript{v17}

Reinmann, Paul, sundial 454\textsuperscript{v17}

Reith, James, longcase clock 28\textsuperscript{v17}

Relojeria Publica en Vizcaya, review 189\textsuperscript{v17}

Relojes de Piedra en Galicia by Jose Luis Basants, review 188\textsuperscript{v17}

Remontoire\textsuperscript{v17}
anonymous skeleton clock 218
Brameld, Timothy, regulator 151
Francois, Edouard, No.1 546
Remontoire escapement 485
Repeat, half-hour, Grohe of London, carriage clock 338
Repeat, hour, Moss, Thomas, bracket clock 100
Repeat mechanism, anonymous 281
Repeat, minute, anonymous watch 321
Benson, J. W., watch No.2414 536
Viner of London, watch No.456 91
Wenger, B. C. wrist-watch 321
Repeat, quarter
Breguet of Paris, carriage clock No.3971 518
Breguet of Paris watch No.1059, stolen 311
Breguet et Fils, watch No.1696 537
Callowe, Harry, bracket clock 69-71
Cugnier of Paris, travelling clock 348
De Charmes, Simon, bracket clock 529
Drocourt of Paris, carriage clock 107
Frodsham of London, bracket clock 338
Grant of London, bracket clock No.310 221
Grant, John, bracket clock 13
Gould, Christopher, bracket clock 4, 106
Graham, George, bracket clock No.272 73-4
Jackson, Martin, bracket clock 553
Mondehave, Johannes, bracket clock 235
Quare, Daniel, bracket clock No.32 435, 630
Quare, Daniel, longcase clock 274
Scafe, William, bracket clock 16
Seddon, John, bracket clock 130
Shaw, John, bracket clock 532
Tompion, Thomas, bracket clock No.300 291-2
Tompion & Banger, bracket clock No.286 275
Windmills, Joseph, bracket clock 530
Repsold of Hamburg, regulators 37
Restoration of Clocks, lecture by Henry Wolcott 378
Restoration of White Dials, lecture by David Buxton 266
Revolution in Time, by David Landes, review 613
Revolutionary calendar see Calendar
Revolutionary dial see dial
Revue watches 385
Ribaud, Thomas, Etrennes Litteraires 249
Richardson, Edward, longcase clock 554
Rieffler, regulator 469
Riel & De Graff, reproduction clocks 512
Rimbault, John, Stephen, clockmaker 507
Ringwood, Hampshire, turret clock 52, 199-200
Ritchie, James, turret clock conversion 150
Rittenhouse, David, clockmaker 39
Roberts, Derek, British Skeleton Clocks, review 502
Roberts, Ken, Connecticut Wooden Clocks, lecture 377
Joseph Ives, lecture 372-3
Roberts K. & Taylor S., Jonathan Clark Brown and the Forestville Manufacturing Company, review 500
Robertson, John, longcase clock 151
Robin, Robert, escapement 497
regulators 3
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Robinson, Tom, Clocks in the Fitzwilliam Museum, lecture 266

Rockford, Time Museum

Arnold, John, marine chronometer No.1/36 267
Arnold, John, marine chronometer No.2/43 267
Arnold, John, marine chronometer No.30/120 267
Atomic clocks 266
Baradelle, J. sundial 226
Berthoud, Ferdinand, marine chronometer No.6 266
Berthoud, Louis, marine chronometer No.48 266
Buchanan, Thomas, marine chronometer No.1600 267
Chronometers, lecture by Anthony Randall 266, 378
Connant, clock and chronometer 156
Dondi, de, astronomical clock 266
Earnshaw, Thomas, marine chronometer No.59613099 267
Emery, Josiah, watch No.1128 267
Fromanteel of London, longcase clock 266
Hardy, William, regulator 486
Ingold, Pierre, mantel clock 266
Jessop of London, watch 267
Lallemande of Paris, watch 251
Lepaute of Paris, clock 217
Margets, George, watch 267
Mudge, Thomas, marine chronometer, 'green' 266
Patek Phillippe, 'Graves' watch 454
Pendleton, Richard, watch No.957 267
Salzer, L., marine chronometer 266
Su Sung water clock model 266
Williamson, Joseph, regulator 266
Roemer, Olaus, regulator 37
Rogers of Poole, wall clock, stolen 515
Rolex Watch Company, AHS visit 474
Kew Observatory rating certificate 359
Oyster perpetual wrist-watch 322
Prince watch 423
wrist-watch 421
Roman striking see striking, Roman
Rombach, Joseph, clockmaker 455
Romme, Charles, mathematician 251
Rose, Ronald, English Dial Clocks, lecture 48, 374
Roskell, Robert, longcase clock No.4 433
marine chronometer No.1179/55158 624
skelton clock No.818 432
watch No.2696134638 306
Roskopf, G. F. watchmaker 385
Rotherman, Richard, watchmaker 189
Rowlands, watchcase maker 481
Royal Clocks, by Cedric Jagger, review 80
Royal Geographical Society, survey chronometer No.18 297
Roze & Son, watch, stolen 409
Ruddock, Marty, The Connant Clocks, lecture 156
Rudhall, John , bell 406
Rusper, turret clock 586
Russel & Sax, electric wall clock 511
Russell, Thomas & Son, watch 395
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Russian clocks see Russlands Uhren

Russlands Uhren by Klaus Siede, review 616
Rutherford, F., clockmaker 195
RW watchmaker 570, 612

S
Salisbury cathedral, turret clock 268, 379
Salisbury Clocks and Clockmakers, lecture by Michael Snell 268
Salzer, L., marine chronometer 266
Samson, watch 292
Santa Fe, How It Governs Its Timepieces by D. Nicholson, review 298

Sasch of Vienna, regulator 37
Sättele, Matthä, clockmaker 456
Sauser-Jaggi, patent lathe 386
Savage lever see escapement
Sax see Russel & Sax

Scafe, William, bracket clock 16
Scherzinger, Philipp, cuckoo clock retailer 458
Schiesel, Franz, Vienna regulator 444
Schindler, Georg, obituary 136
Schmidt of Vienna, regulator 37
Schneider, Dr. W., The Cuckoo Clocks of J. B. Beha 455
Schoonhoven Clock Museum 244
Schwartz, regulator 37
Schwarz, Joseph, cuckoo clock bird maker 455
Schweizer see Muller & Schweizer
Schweizer see Tschopp & Schweizer

Schweizer, Jacob, lathes 385-6
Schwörer, Martin, cuckoo clock retailer 457
Scott, George, longcase clock 150
Scott, Rev., J. G., classification of turret clock frames 18
Screw cutting machines 384-5
Seddon, John, bracket clock 130
Sellwood, William, lantern clock 587
Semaine, mantel clock 441
Seven Dials Monument 507
Seven Dials Pillar Dial by David Beida 614
Seyffert of Dresden, regulators 37
SG surmounted by a fish, punch mark 91
Sharpe see Brown & Sharpe

Sharpe, regulator 37
Shaw, John, bracket clock 532
Shaw, Thomas, longcase clock 152
Shearer, James, regulator 50
Shelf clocks 186, 372, 377
Shelley, Frederick, Aaron Dodd Crane, review 187
Shelton, John, regulators 37, 181
Shenton, Rita, Horological Books, lecture 40
Shepherd, Charles, marine chronometer No.503 113
Sheppard, Victor, Bells and Bellringing, lecture 374
Sherwood, N. B., Watch and Chronometer Jewelling review 504
Sherwood, William, longcase clock 8, 9
Sherwood, William, watchcase maker 443
Shields for cuckoo clocks 455
Ship's Chronometer by Marvin E. Whitney, review 502
Shuttleworth of Piccadilly, bracket clock 426
Shuttleworth, Francis, bracket clock, stolen 269
Sidereal indications

Bond & Sons regulators 143
Daniels, George, watch 1, 193
Frodsham, Charles, regulator No.1329 334
Green, James, watch No.5969 122
Margetts, George, watch 267
Quare & Horseman, longcase clock No.148 28
Williamson, Joseph, regulator 266

Siede, Klaus, Russlands Uhren, review 616
SI: IL punch mark 279, 569

Simms see Troughton & Simms

Sinclair, D., dial maker 45
Sinclair, Harding Ltd., AHS visit 470

Singing bird see automata

Skeleton clock, anonymous, glass plate type 218
anonymous, musical 210
anonymous, St. Paul's Cathedral 11
anonymous, year-going 510
Bennett, Charles 233
Lenoir of Paris 510
Millar, G. 264
Roskell, Robert, No.818 432

Skeleton Clocks, British, by Derek Roberts, review 502
Skipton-Craven Museum, windmills watch 570
Smarden, Kent, turret clock 159
Smith, Alan, Horological Trades of South West
Lancashire, lecture 271
Time, Timekeeping and Museums, lecture 270
Smith, Benjamin, apprenticed to Windmills 579
Smith, James, clockmaker 265
Smiths of Derby, AHS visit 5M
turret clocks 53, 86, 159, 373, 500, 591
Smith & Sons, turret clock 586
watch with tourbillon 154
wrist-watch advertisement 361
Snell, Michael, Salisbury Clocks and Clockmakers, lecture 268
Snellen, W., regulator 37
Snow, John, clockmaker 269
Snow, Nicholas, clockmaker 269
Snow, W., longcase clock No.21 155
Sung-I-Yong, regulator 37
Souscription watch 229
Speakman, William 582
Spencer, Christopher, lathe 383, 391
Spencer, Earl of Northampton, mantel clock 17
Sphinxwerke, lathe 388
Spiegelhalder, Georg, cuckoo clock retailer 459
Spratt, Jack, turret clock 593
Stackfied watches, British Museum Catalogue 298
Stafford, T., carriage clock stolen 410
Stancliffe, transit instrument 181
Stanley, Samuel, winding indicator 396
Staple, Kent, turret clock 160
Star m a p see celestial globe
Station-house dock see cuckoo clock
Steble of Dover, bracket clock, stolen 410
Steel, tempering and hardness chart 374-5
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Stehli, patent lathe V17
Stegerer & Reich, cuckoo clock painters V17
Stephens, Carlene, William Bond & Co., lecture V17
Stemberger Collection, Windmills watch V17
Stevenson, W. H. M., on a bracket clock V17
Stockuhren V17
Stolen clocks and watches V17
Stop watch see Doctor's watch V17
Stop-work, V17
Storer, W. P., clockmaker's advertisement V17
Street, Richard, regulator V17
Strigol of London, regulator V17
Strike/silent, Green, John, longcase clock V17
Striking Jacks, V17
Striking, Quarter, Cole, Thomas, mantel clock V17
Wilkins, George, bracket clock V17
Striking, Roman, Quare, Daniel, longcase clock No.111 V17
Stuart, Susan, Gillows of Lancaster, lecture V17
Labelled Furniture and Dated Clocks of the Lancaster Region, lecture V17
Stuart, William, V17
Irish Turret Clocks, lecture V17
One Hundred Best Slides, lecture V17
Stumbles, William, longcase clock V17
Sturry, Kent, turret clock V17
Sully, Henry, clockmaker V17
Sundial V17

Sundial in Galicia see Relojes de Piedra en Galicia V17
Sundial in Italy V17
Sundial in Spain V17
Sunrise sunset indication V17

Sussex Clockmakers, by B. J. Tyler, review V17
Sussex, Duke of, sale of collection V17
Su Sung, water clock V17
Sutton, Robert, longcase clock V17
Swansea, Glyn Vivian Art Gallery, V17
Swiss Official Testing Station for watches V17
Sydenhames of London, watch V17
Sympson, Mr., owner of Breguet watch V17
T
Table clock see bracket clock V17
Tait, Hugh & Coole, Philip Catalogue of Watches in' the British Museum Vol 1, review V17

V17
Talking clock, 116V17
Tanner, Anthony, inscribed on a lantern clock 577V17
Tarault of Paris, carriage clock, stolen 411V17
Tavan, escapement model 497V17
Tavern clock, Whitmore of Northampton No.390 123V17
Taylor see Roberts & Taylor V17
Taylor, John, Seth Thomas, lecture 152V17
Taylor, Snowden, The Clocks of Mark Leavenworth, review 186V17
Taylor, Thomas, astronomer 183V17
Taylor of Dumfries, bracket clock 265V17
Taylor's Bell Foundry, Loughborough, AHS visit 584V17
Techen see Mühe, Kahlert & Techen V17
Telescope, by Dollond of London 181V17
Parsonstown Leviathan 50-51V17
transit 483V17
Troughton & Simms 184V17
Telescopes, catalogue including 510V17
Temperature Compensation. 369V17
Earnshaw 'sugar tongs'
Graham's observations of pendulum 597V17
Tennant, Margaret, Interesting Faces, lecture 469V17
Painted Dials and their Restoration, lecture 45V17
Tenterden, Kent, turret clock 590V17
Terri, Eli, wooden clocks 186, 377V17
Thermometer, on a mantel clock 551V17
Mr. Hauksbee's 598V17
Thielicke & Co., lathe 391V17
Thomas, J. Blount, turret clock 52V17
Thomas, Seth, clockmaker 377V17
Thomas, Seth and his Factory, lecture by John Taylor 152V17
Thommen Watch Factory 385V17
Thompson, Francis, trade card 498V17
Thomson, Adam, watchpaper 195, 307, 409V17
Threlkeld, William, wall clock 276V17
Thuret, Isaac, regulator 37V17
Thwaites & Reed, carillon 590V17
drum clock, 1829 155V17	
turret clock 52, 90, 158V17
Thwaites, John, clockmaker 90-91V17
Tide of Berlin, regulator 37V17
Tide of Berlin, regulator 138V17
Time in History, by G. J. Whitrow, review 618V17
'Timekeeper' on case clock, stolen 201V17
'Time Museum see Rockford' V17
'Time Saving Wrist-Watch Protector 362V17
Time, Timekeeping and Museums, lecture by Alan Smith 270V17
Tinham, Samuel, clockmaker 269V17
Tolson, John, longcase clock 517V17
Tomlin, Robert, watch 267, 368V17
Tomlinson, William, watch No.809, stolen 92V17
Tompion, Thomas, bracket clock 331V17
bracket clock, (Harry Callowe) 196, 309V17
bracket clock, 'Medici' 292V17
bracket clock No.56 310V17
bracket clock No.77 275V17
bracket clock No.300 291, 292V17
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

bracket clock No. 467 223
bracket clock No. 479 26
longcase clock, Bath, Pump-Room 292
longcase clock, Iscoy Park 292
longcase clock No. 208 101
longcase clock, walnut, month-going 275
longcase clock, Royal crown cresting 242
regulators 37
residents in his house 69
watch No. 58 279
watch No. 0165 443
Tompion & Banger, bracket clock No. 286 275
Tookey, J., portrait of George Graham 597
Tookey, J., portrait of George Graham 47
Topsham Museum, clocks 154
Tornos automatic lathe 390
Tornos-Bechler SA 154
Tortoiseshell case 82
Fromanteel & Clarke, bracket clock 178
Hart, Aaron, bracket clock 118
Norton, Eardley, bracket clock 329
Tourbillon, escapement 154
anonymous pocket chronometer 320
Frodsham, Charles, watch 154
Potter, Albert, watch 229
Smith, S. & Son, watch 154
Tours, Musée des Beaux Arts La Dynastie Des Les Roy, review 83
Tovey, H., regulator 554
Townend House, lantern clocks, stolen 203
Trade cards 498
Transit instrument, Jones, Thomas 31
Stancliffe of? 181
Travelling clock, Cugnier of Paris 348
Tregent, James, bracket clock 279
Tregent, James, bracket clock, stolen 514
Triomphe Catalogue, 1914 359
Trietscheller, Georg, cuckoo clock retailer 457
Trietscheller, Paul, cuckoo clock retailer 457
Troke, John, clockmaker 269
Troughton & Simms, telescope 184
Trusted, Charles, re p eating mechanism 281
TS, conjoined, punch mark 574
Tschopp, G, lathes 385
Tschopp & Schweizer, lathes 358, 389
Tuck, Paul, AHS Tour to Wales 291
Tuck, Paul, AHS Tour to Wales 610
Tunn, James 73
Tupman of London, watch No. 1277 87
Tupman of London, watch No. 1634 196
Turnbull & Aitchison, wall clock 453
Turner A. J., Julien Le Roy's Improved Horizontal Sundial 463
Turner, William, watch repairer 478
Turner & Birch 1834-1920, by Alun C. Davies 478
Turner & Birch, watchpaper 478
Turret clock by 82
Baillie, Sir W. N. 373
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bassett, William</td>
<td>86</td>
</tr>
<tr>
<td>Benson, J. W.</td>
<td>590</td>
</tr>
<tr>
<td>Bradley, Langley</td>
<td>150</td>
</tr>
<tr>
<td>Brice, Symon</td>
<td>160</td>
</tr>
<tr>
<td>Buchanann</td>
<td>373</td>
</tr>
<tr>
<td>Burden of Salisbury</td>
<td>593</td>
</tr>
<tr>
<td>Chancellor, John</td>
<td>377</td>
</tr>
<tr>
<td>Clarke, George, No.502</td>
<td>159</td>
</tr>
<tr>
<td>Condliff, James</td>
<td>373</td>
</tr>
<tr>
<td>Condliff, Thomas</td>
<td>373</td>
</tr>
<tr>
<td>Cooke, Thomas</td>
<td>373</td>
</tr>
<tr>
<td>Cowan, James</td>
<td>46</td>
</tr>
<tr>
<td>Crosthwaite of Dublin</td>
<td>50</td>
</tr>
<tr>
<td>Dent of London</td>
<td>373, 592</td>
</tr>
<tr>
<td>Dent, F.</td>
<td>158</td>
</tr>
<tr>
<td>Earnshaw, Thomas</td>
<td>510</td>
</tr>
<tr>
<td>Frodsham of London</td>
<td>373</td>
</tr>
<tr>
<td>Gillett of Croydon</td>
<td>154</td>
</tr>
<tr>
<td>Gillett &amp; Bland</td>
<td>406</td>
</tr>
<tr>
<td>Gillett &amp; Co.</td>
<td>159</td>
</tr>
<tr>
<td>Gillett &amp; Johnson</td>
<td>159, 592</td>
</tr>
<tr>
<td>Gillett &amp; Johnson No.9440</td>
<td>160</td>
</tr>
<tr>
<td>Grimthorpe, Lord</td>
<td>48, 373</td>
</tr>
<tr>
<td>Hardeman, E. S.</td>
<td>160</td>
</tr>
<tr>
<td>Hartley of Silchester</td>
<td>592</td>
</tr>
<tr>
<td>Hoch, John</td>
<td>52</td>
</tr>
<tr>
<td>Hurst, Edward</td>
<td>160</td>
</tr>
<tr>
<td>Jones, T.</td>
<td>373</td>
</tr>
<tr>
<td>Joyce of Salop</td>
<td>587</td>
</tr>
<tr>
<td>Joyce of Whitchurch</td>
<td>373, 593</td>
</tr>
<tr>
<td>Loseby, Edward</td>
<td>47, 591</td>
</tr>
<tr>
<td>Lovelace, Jacob</td>
<td>154</td>
</tr>
<tr>
<td>Mempstead, John</td>
<td>160</td>
</tr>
<tr>
<td>Penton, Charles</td>
<td>52</td>
</tr>
<tr>
<td>Potts of Leeds</td>
<td>159, 161, 590</td>
</tr>
<tr>
<td>Potts, William</td>
<td>373</td>
</tr>
<tr>
<td>Punnett, Thomas</td>
<td>86</td>
</tr>
<tr>
<td>Roussel</td>
<td>308</td>
</tr>
<tr>
<td>Smith of Derby</td>
<td>53, 86, 159, 373, 500, 586, 591</td>
</tr>
<tr>
<td>Smith &amp; Sons</td>
<td>586</td>
</tr>
<tr>
<td>Spratt, Jack</td>
<td>593</td>
</tr>
<tr>
<td>Thomas, J. Blount</td>
<td>52</td>
</tr>
<tr>
<td>Thwaites &amp; Reed</td>
<td>52, 158</td>
</tr>
<tr>
<td>Vulliamy of London</td>
<td>158, 186</td>
</tr>
<tr>
<td>Walter of Dublin</td>
<td>376</td>
</tr>
<tr>
<td>Waugh, James</td>
<td>377</td>
</tr>
</tbody>
</table>

**Turret clock locations**

<table>
<thead>
<tr>
<th>Location</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alford</td>
<td>587</td>
</tr>
<tr>
<td>Antwerp, St. Jacobs</td>
<td>244</td>
</tr>
<tr>
<td>Ash</td>
<td>160</td>
</tr>
<tr>
<td>Avebury Museum</td>
<td>592</td>
</tr>
<tr>
<td>Avebury, Wilts.</td>
<td>592</td>
</tr>
<tr>
<td>Batchwood</td>
<td>373</td>
</tr>
<tr>
<td>Burbage, Wilts.</td>
<td>593</td>
</tr>
<tr>
<td>Calne, Wilts.</td>
<td>592</td>
</tr>
<tr>
<td>Charing, Kent</td>
<td>159, 590</td>
</tr>
<tr>
<td>Chartham, Kent</td>
<td>159</td>
</tr>
<tr>
<td>Location</td>
<td>Page Numbers</td>
</tr>
<tr>
<td>---------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Chilham</td>
<td>159^V17</td>
</tr>
<tr>
<td>Cranbrook, Kent</td>
<td>48, 158-9, 373^V17</td>
</tr>
<tr>
<td>Derby, cathedral</td>
<td>586^V17</td>
</tr>
<tr>
<td>Diseworth, Leics.</td>
<td>591^V17</td>
</tr>
<tr>
<td>Dublin, cathedral</td>
<td>376^V17</td>
</tr>
<tr>
<td>Eccleston</td>
<td>373^V17</td>
</tr>
<tr>
<td>Edinburgh, cathedral</td>
<td>150^V17</td>
</tr>
<tr>
<td>Egerton, Kent</td>
<td>590^V17</td>
</tr>
<tr>
<td>Exeter, cathedral</td>
<td>154, 155, 186^V17</td>
</tr>
<tr>
<td>Exeter, St. Mary's Steps</td>
<td>154^V17</td>
</tr>
<tr>
<td>Fordingbridge</td>
<td>52^V17</td>
</tr>
<tr>
<td>Goudhurst</td>
<td>48, 158^V17</td>
</tr>
<tr>
<td>Hackett, Kent</td>
<td>159^V17</td>
</tr>
<tr>
<td>Hallatne, Leics.</td>
<td>591^V17</td>
</tr>
<tr>
<td>Headcorn</td>
<td>158, 590^V17</td>
</tr>
<tr>
<td>Heddon, Wilts.</td>
<td>592^V17</td>
</tr>
<tr>
<td>Hever, Kent</td>
<td>158^V17</td>
</tr>
<tr>
<td>Husband's Bosworth, Leics.</td>
<td>591, 592^V17</td>
</tr>
<tr>
<td>Jumièges Abbey</td>
<td>268^V17</td>
</tr>
<tr>
<td>Keldmarsh, Leics.</td>
<td>592^V17</td>
</tr>
<tr>
<td>Kirby Muxloe</td>
<td>591^V17</td>
</tr>
<tr>
<td>Lamport, Leics.</td>
<td>592^V17</td>
</tr>
<tr>
<td>Lancaster, Priory church</td>
<td>152^V17</td>
</tr>
<tr>
<td>Leicester, Newarke Houses Museum</td>
<td>591^V17</td>
</tr>
<tr>
<td>Leicester, St. Mary de Castro</td>
<td>591^V17</td>
</tr>
<tr>
<td>Lincoln, cathedral</td>
<td>161^V17</td>
</tr>
<tr>
<td>Littlebourne</td>
<td>160^V17</td>
</tr>
<tr>
<td>Maidstone Museum</td>
<td>158, 590^V17</td>
</tr>
<tr>
<td>Marden, Kent</td>
<td>48^V17</td>
</tr>
<tr>
<td>Markbeech</td>
<td>158^V17</td>
</tr>
<tr>
<td>Marlborough, St. Mary</td>
<td>593^V17</td>
</tr>
<tr>
<td>Mayfield, Sussex</td>
<td>86, 306^V17</td>
</tr>
<tr>
<td>Meanwood</td>
<td>373^V17</td>
</tr>
<tr>
<td>Muncaster Castle</td>
<td>590^V17</td>
</tr>
<tr>
<td>Munster Castle</td>
<td>158^V17</td>
</tr>
<tr>
<td>Newbury, town hall</td>
<td>53^V17</td>
</tr>
<tr>
<td>Oxford, Wadham College</td>
<td>261^V17</td>
</tr>
<tr>
<td>Penicuik House</td>
<td>46^V17</td>
</tr>
<tr>
<td>Perpignan</td>
<td>379^V17</td>
</tr>
<tr>
<td>Quorn, Leics.</td>
<td>591^V17</td>
</tr>
<tr>
<td>Ramsbottom</td>
<td>373^V17</td>
</tr>
<tr>
<td>Ringwood</td>
<td>52, 199-200^V17</td>
</tr>
<tr>
<td>Rushworth's Organ Works</td>
<td>406^V17</td>
</tr>
<tr>
<td>Rusper</td>
<td>586^V17</td>
</tr>
<tr>
<td>St. David's, cathedral</td>
<td>584^V17</td>
</tr>
<tr>
<td>Salisbury, cathedral</td>
<td>268, 379^V17</td>
</tr>
<tr>
<td>Smarden, Kent</td>
<td>159^V17</td>
</tr>
<tr>
<td>Southwark</td>
<td>159^V17</td>
</tr>
<tr>
<td>Staple</td>
<td>160^V17</td>
</tr>
<tr>
<td>Sturry</td>
<td>160^V17</td>
</tr>
<tr>
<td>Tenterden, Kent</td>
<td>590^V17</td>
</tr>
<tr>
<td>Viscaya, Portugal</td>
<td>189^V17</td>
</tr>
<tr>
<td>Wells, cathedral</td>
<td>196^V17</td>
</tr>
<tr>
<td>West Overton, Wilts.</td>
<td>592^V17</td>
</tr>
<tr>
<td>Wingham</td>
<td>160^V17</td>
</tr>
<tr>
<td>Woolwich Arsenal</td>
<td>77, 91^V17</td>
</tr>
<tr>
<td>Wootton Rivers</td>
<td>593^V17</td>
</tr>
</tbody>
</table>
Turret Clocks, Irish, lecture by William Stuart 376
Turret Clocks, Their Maintenance and Repair, lecture by P. Irvine 469
Turret Clocks, 19th Century Developments, lecture by P. Irvine 373
TW, lantern clock 198
TW, punch mark 306
Tyler, E. J., The Clockmakers of Sussex, review 81
Tyler, George, clockmaker 623
watch No. 1181, stolen 92
Up-and-down indication see Winding indicator
Upjohn of Exeter, clockmaker 154, 186
Upjohn, Edward, longcase clock 154
Upton Hall, see Newark
Usher Gallery see Lincoln
Utzschneider & Liebherr, regulator 37
Vacheron & Constantin, wrist-chronograph 423
Vale & Howlet of Coventry 189
Vancouver, Captain George 472
Vauxhall plate 277
Venus, transit of, regulators used for observation 181
Verbiest, Ferdinand, celestial globe 167
Vertex watches 385
Vickery, J. C., wrist-watch advertisement 358, 363
Victoria, Princess 336
Vienna, Geymuller-Schlössel cuckoo clock 458
Vienna regulator
anonymous, year-going 326
Campbell, Gerard, collection 152
Fertbauer, Phillip 110
Klenner. Ferenz, stolen 92
Lehrner of Kachau 534
Muller, Franz 98
Rauschmann, Budan 444
Zuchy, Karl 2
Vin of London, watch No.456, stolen 91
watch 421
Vise, John, longcase clock 238
Vizcaya, public clocks 189
Vogel, C. F. Practischer Unterrict von Taschenuhren 67
Voisin, Henri, regulator 37
Vulliamy of London, regulators 37
turret clock 158, 186
Vulliamy, Benjamin, clockmaker 90-1
Vulliamy, Benjamin Lewis, regulator No.1126 31
Vulliamy, Justin, longcase clock 539
watch No. sis 12
Wade, F. ITR/IBM Supervised Time System, lecture 157
Wadsworth, Francis, biography 40
Wales & McCulloch, bracket clock, stolen 310
Walker, Allin, longcase clock 513
Walker, John, bracket clock 22
Walker lathe 389
Wall clock
anonymous, cartel 406
anonymous, English dial 49
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

anonymous, cuckoo clock 457
Beake, Jonathan 318
Beha, J. B., cuckoo clock 425
Briggs of London, stolen 515
Call, Jan van 274
Earnshaw, Thomas 510
Fowle of Redhill 88
Gould, Christopher 123
Harben, Thomas, stolen 92
Harley, George 126
Jagoe of London, stolen 515
Lee, James 374
Langford of Bristol, stolen 515
Nicholls, F., stolen 515
Pittuck, H., stolen 515
Rogers of Poole, stolen 515
Russell & Sax, electric 511
Threlkeld, William 276
Turnbull & Aitchison 453
Whitmore of Northampton No.390 123

Wall Clocks (English Dials), lecture by R. Rose 374
Walter, the Great Clock Maker 376
Waltham screw-making lathe 384
Waltham Watch Co., English Agents 360
Warrillow, John, advertisement 362
Washington, Smithsonian Institution, Bond workshop 498
Washington, US Navy Observatory 483

Watch see also Chronometer, pocket
Watch
anonymouse, automaton, stolen 409
anonymous, with black dial 295
anonymous, 'compteur militaire' 145
anonymous, double dial, stolen 91
anonymous, eight-day 196
anonymous, No.2004 510
anonymous, 'patent 31495' 90
anonymous, pedometer-wind 294
anonymous, singing bird 229
anonymous, stackfreed 229
Archambo, J., No. 733, stolen 92
Badollet of Geneva No.13711 306-7
Barraud of London No.2/1212 310
Barraud & Lund No.2/4137 90
Baulot & Moyner, stolen 92
Bautte & Co. No.64626 510
Benson, J. W., No. 2414 536
Berthoud of Paris, double mainspring 89
Birch, William No.1059 481
Bolton, H., No.305, stolen 515
Breguet of Paris (St. Fagans) 292
Breguet of Paris 479
Breguet of Paris No.1059, stolen 311

Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Breguet of Paris No.4989 550
Breguet of Paris No.19339, stolen 91
Breguet et Fils No.1696 537
Breguet et Fils No.3234 229
British Watch & Clock Making Co. 510
British Watch & Clock Making Co., No.53 510
Brockbank & Atkins No.8787 310
Bull, Edmund 279
Cartier 421
Chamberlain, Nathaniel 582
Chettle No.580 510
Clay, Charles No.946, stolen 625
Cummins, Thomas No.11-26 280
CW Invenit 612
Daniels, George 1, 193, 474
Duhamel, Isaac No.654, stolen 91
Duhamel, James, stolen 92
Earnshaw, Thomas, list of numbers 368-371
Ellicott of London No.7507 155
Ellicott of London No.8191 294
Ellicott, John, 'equation' 637
Emery, Josiah No.1128 267
European Watch & Clock Co. Inc., 8-day 635
Fairclough, Edward 473
Finer & Nowland No.3299/1220 310
Finer & Nowland No.4260 90
Fleetwood, P. No.8329 294
Flower, Frank, No.1029, stolen 91
Forbes, John, No.9045, stolen 515
Frodsham, Charles, AD fmsz 296
Frodsham, Charles, tourbillon 154
Frodsham & Baker No.7532, stolen 515
Gardner of Belfast 90
Garrard of London No. PRS, stolen 311
Gashe, stolen 92
Goode, Charles 610
Graham, George, No. 5101 296
Green, James, No.5969 122
Gregg, Richard, No.330, stolen 91
Gregg, Richard No.561 229
Grimaldi & Johnson, No.6653 310
Hare, Alex No.440, stolen 92
Harrison, William, No.33 589
Hawley of London No.2484 511
Hoogendyk of Rotterdam . 473
Howard, Edward, No.55 321
Huguenin of Paris, No.7948 510
Huguenin of Paris, No.32327 510
Jaeger Le Coultre CA1497 399
Johnson, Joseph, No.2377 306
Johnson, Joseph, No.2696 .306
Johnson, Joseph, No.2902 306
Johnson, Joseph, No.4461 306
Jones, Henry 617
Kent, Henry, No.3711 510
Lallemande of Paris 251
Lange & Söhne 421
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Leplastrier of Shadwell, No. 2801 195\textsuperscript{V17}
Le Roy of Paris 473\textsuperscript{V17}
Le Roy, Julien, No.3449 83\textsuperscript{V17}
Litherland, Peter & Co., No. 1075 280\textsuperscript{V17}
Litherland, Davies & Co., No. 8806 47\textsuperscript{V17}
Lovelace, Jacob 155\textsuperscript{V17}
Madderford, C., No.1841 310\textsuperscript{V17}
Marconi Wireless & Telegraph Co., 86\textsuperscript{V17}
Marwick, Markham & Perigal; stolen 56\textsuperscript{V17}
McCabe, James 453\textsuperscript{V17}
Melly, Frères, stolen 91\textsuperscript{V17}
Mermod, Frères, 511\textsuperscript{V17}
Mudge, Thomas, No.22 588\textsuperscript{V17}
Mudge, Thomas, No.260 589\textsuperscript{V17}
Mudge, Thomas, No.283 155\textsuperscript{V17}
Norton, Eardley 292\textsuperscript{V17}
Parks, John, No.648 280\textsuperscript{V17}
Patek Philippe 421\textsuperscript{V17}
Patek Philippe, 'Henry Graves' 454\textsuperscript{V17}
Patek Philippe, 'Packard' 562\textsuperscript{V17}
Pendleton, Richard, No. 957 267\textsuperscript{V17}
Phoenix Indestructible 473\textsuperscript{V17}
Prior, George, No.16352, stolen 91\textsuperscript{V17}
Pybus, William 107\textsuperscript{V17}
Quare, Daniel 473\textsuperscript{V17}
Quare, Daniel, No.4624 575\textsuperscript{V17}
Radford, William, No.5788 90\textsuperscript{V17}
Raymond, B. W. 397\textsuperscript{V17}
Revue 385\textsuperscript{V17}
Roskel, Robert, No.2696/34638 306\textsuperscript{V17}
Roze & Son, stolen 409\textsuperscript{V17}
Russell, Thomas & Son 395\textsuperscript{V17}
Samson 292\textsuperscript{V17}
Smith, S., & Son 154\textsuperscript{V17}
Street, Richard 612\textsuperscript{V17}
Sydenhames of London 473\textsuperscript{V17}
Tomlinson, William, stolen 92\textsuperscript{V17}
Tompson, Thomas, No.58 279\textsuperscript{V17}
Tompson, Thomas, No.0165 443\textsuperscript{V17}
Tupman of London, No.1277 87\textsuperscript{V17}
Tupman of London, No.1634 196\textsuperscript{V17}
Tyler, George, No. 1181, stolen 92\textsuperscript{V17}
Vertex 385\textsuperscript{V17}
Viner of London, No.456, stolen 91\textsuperscript{V17}
Viner & Söhne 421\textsuperscript{V17}
Vulliamy, Justin, No. sis 12\textsuperscript{V17}
Waltham 386\textsuperscript{V17}
Waterbury Watch Co. 281\textsuperscript{V17}
Webster of London, No.4133 90\textsuperscript{V17}
Wilders of London 292\textsuperscript{V17}
Windmills of London, No.3820 572\textsuperscript{V17}
Windmills, Joseph 571\textsuperscript{V17}
Windmills, Joseph & Thomas, various 564-5\textsuperscript{V17}
Windmills, Thomas, 573\textsuperscript{V17}
Windmills, Thomas, No.8169 279-80\textsuperscript{V17}
Watchcase maker, Jaques, Sarah 279\textsuperscript{V17}
Lee, John 279\textsuperscript{V17}
Wightman, John 582

Watchcase makers mark

B, coronet above 574
CP 569, 574
CW coronet above 570
EM 569
GH 608
Ia 569
ID bird below 574
IF 569
IP 569
IW 91
PD coronet above 568
SG fish above 91
SJ:IL 569
TW 306
WI 568
WI star below 574
WJ 90
WM 90
WS 443

Watch finisher 481

Watchmaking in England, lecture by David Penney 49, 50, 588

Watch movement maker 481, 570

Watchpaper
- anonymous 109
Birch, William 478
Ormsby, H. 409
Ray, Daniel 81
Rutherford, F. E. 195
Thomson, Adam 194, 307, 409
Turner & Birch 478

Watch, Wrist see Wrist-watch

Waterbury Watch Co., advertisement 281
Water clock, Su Sung model 266
Water-wheel clock, stolen 92
Watts see Burroughes & Watts
Watts, Inigo, longcase clock, stolen 311
Waugh, James, clockmaker 371
Wawne, John, lantern clock 344
Webb see Craighead & Webb
Webber, Mr., clockmaker 91
Webster of London, watch no.4133 90
Webster, Richard, bracket clock, stolen 626
Webster, William, bracket clock, stolen 625
Webster & Son, advertisement 68
Weeks of London, bracket clock 124
Wehle, Gustav, watch retailer 480
Wehrle, Peter, clock case maker 456
Weights, clock, inscribed KF 46
Wells Cathedral, turret clock 196
Welsh Clocks, lecture by Alun Davies 584
West End Watch Co., wrist-watch 365
Wenger, B. C., wrist-watch 321
Westworth, Thomas, clockmaker 269
Wenzel, Johann, The Doctor's Stop Watch 67
West Overton, Wilts., turret clock 592
Westminster clock see also Big Ben V17
Westminster clock, accuracy of lecture by M. Maltin 52, 379 V17
Weston, Samuel, longcase clock 21 V17
Wetherfield Collection 101 V17
WF, mantel clock 444 V17
Wheel-cutting engine 405 V17
  Bower, John 498 V17
  Lewis, F. 373 V17
Wheel-Cutting Engines, lecture by Ted Crom 377 V17
White, E., carriage clock 14 V17
Whitehurst of Congleton, longcase clock 586 V17
Whitehurst, John, clockmaker 586 V17
Whitehurst of Derby, bracket clock, stolen 203 V17
Whiteman, William, clockmaker 579 V17
Whitney, Marvin, The Ship's Chronometer, review 502 V17
Whittington of Gloucestershire, arms on a watch 279-80 V17
Whitmore of Northampton, wall clock No.390 123 V17
Whitrow, G. J., Time in History, review 618 V17
Whitworth, Joseph, lathe tool slide 383 V17
  planing machine 373 V17
WI watch case maker 568, 572, 574 V17
WI star below 574 V17
Wightman see Windmills & Wightman V17
Wightman, John, watch case maker 582 V17
Wilders of London, watch 292 V17
Wildi, Johann, clockmaker 455 V17
Wilkins, George, bracket clock 346 V17
Will, Windmills, Joseph 580 V17
Willard, Simon, junior, regulator 37 V17
William III 571 V17
Williams, bracket clock 525 V17
Williams of Monmouthshire, arms on a watch 279-80 V17
Williamson, John, longcase clock 278 V17
Williamson, Joseph, longcase clock 266, 470 V17
Willis, John, watch maker 471 V17
Wills, Edmund, longcase clock 269 V17
Willson see Nash & Willson V17
  Wilmshurst. Stephen. longcase clock 202 V17
  Wilsdorf, Hans, Rolex wrist-watches collection 474 V17
  Wilson, Geoffrey, The French Republican Calendar V17
  Wilson & Osborne, clock dial makers 45 V17
  Winding indicators, by A. M. Baldwin 395 V17
  Winding Indicators anonymous pedometer watch 294 V17
  Blockley, Herbert, pocket chronometer No.2/1215 297 V17
  Daniels, George 399 V17
  Donne 397, 398 V17
  Elgin Epicyclic 397 V17
  Francois, Edouard, carriage clock 546 V17
  Frodsham, Charles, mantel chronometer 3 V17
  Jaeger Le Coultre 399 V17
  Morgan, S. J. 398 V17
  Russell, Thomas & Son, watch 395 V17
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Stanley, Samuel, epicyclic 397

Windmills, More Tilling at, by J. A. Neale 563

Windmills, Mr., clockmaker 91

Windmills of London, addresses 577
  Bracket clock, V & A Museum 578
  longcase clock, burr walnut 220, 566
  lost watch advertisements 582
  quality of merchandise 577
  table of clocks and watches 563-4
  watch No.3820 572
  watch numbering 567-73
  work-places 577

Windmills, John 567
  Windmills, Joseph, apprentices 579
  bracket clock, lacquered case 563
  bracket clock, silver mounts 530, 640
  lantern clocks 577, 579
  longcase clock movement 567
  longcase clock, musical 577
  longcase clock, red lacquer 576
  longcase clock, walnut, 30-hour 473
  longcase clock, walnut and marquetry 99
  table of clocks and watches 564
  watch 571
  will 580

Windmills, Mary 579

Windmills, Thomas, captain in HAC 580
  coach-watch 573
  table of clocks and watches 564
  watch No.8169 279-80

Windmills, Tiger 567, 582

Windmills & Bennett, clocks and watches 564
  longcase clock 566

Windmills & Elkins, clocks and watches 564

Windmills & Partridge 567

Windmills & Wightman, clocks and watches 564

Wingham, Kent, turret clock 160

Wise, Luke, longcase clock, stolen 311

WJ, punch mark 90

WM, punch mark 90

Woerd, C. V., pinion making machine 384

Wolcott, Henry, Clock Conservation, lecture 53
  Restoration of Clocks in Museums, lecture 378

Wood, Christopher, The English Remontoire Escapement Regulator 483

Wooden clock, Sutton, Robert, longcase clock 214-5, 354

Wooden Clock Movement Manufacture, lecture by D. Hoke 156

Wooden clocks 187, 372, 377

Woolwich Arsenal, clocks, etc. 91

Wooton Rivers, Wills., turret clock 593

Wooton, W., watch finisher 481

World time indication Patek Philippe, wrist-watch 128

Worshipful Company of Clockmakers, British Clock & Watchmaking Today, review of catalogue 188
  celestial globe 165
  Clock & Watchmaking 1987, exhibition 1
  exhibition prizes 248

Wright, Thomas, watchmaker 309

Wright, Michael, biography 583
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Wright, Richard, watchmaker 612
Wright, Thomas, watch 368
Wright's patent watches 267
Wrist-chronograph, Vacheron & Constantin 423

anonymous, borgel type 325, 364
Ballock, O. R. & Co. 360
Bennett, Sir John 325, 358
Benson, J. W. 359
Cartier, 419, 635
Dennison Watch Co. 364
Elkan, John, 'colonial' 325
Errington Watch Co. No.4257 325
Ingersoll, R. H. 358
LeRoy et Fils 325
Longines 365, 421, 515, 527
Patek Philippe 24, 128, 423
Patek Philippe, chronograph 128, 523
Patek Philippe, moon-phase 523
Patek Philippe, perpetual calendar 322
Patek Philippe, rectangular 322
Patek Philippe, world time 128, 523
Potter, William 359
Pringle & Sons 360
Rolex 421
Rolex, Oyster, day-date 322
Rolex, Oyster perpetual 322
Rolex Prince 423
Smith, S. & Son 361
Vickery, J. C. 363
Wenger, B. C. 321

West End Watch Co. 365
Wrist-Watches, 1910-1920, by Dennis Harris 357
Wrist-watches, earliest 357
Wrist-watch protector, TS brand 362
WS punch mark 443

Yeager, Chuck, watch 474
Year-going see long duration
Young, William, bracket clock, stolen 625

Z
Zerella, turret clock 308
Zerella e Ycoaga, Manuel de, Tratado General Y Matematico de Reloxeria, review 81
Zipfel & Sons by Alan Zipfel, review 401
Zoffany, painter 507
Zog, King of Albania 545
Zuchy, Karl, regulator 2
Zurich, Beyer Museum, AHS visit 474
Zurich, Landesmuseum, AHS visit 474
ANTQUARIAN HOROLOGY

and the proceedings of the ANTIQUARIAN HOROLOGICAL SOCIETY

Issued Quarterly to Members designed by David Penney.

Editor: David Penney

VOLUME XVIII
Spring 1989 to Summer 1990

THE ANTIQUARIAN HOROLOGICAL SOCIETY LONDON MCMXCI
VOLUME EIGHTEEN

PAGINATION OF ISSUES

<table>
<thead>
<tr>
<th>Issue No.</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Spring 1989</td>
<td>1-108</td>
</tr>
<tr>
<td>2</td>
<td>Summer 1989</td>
<td>109-224</td>
</tr>
<tr>
<td>3</td>
<td>Autumn 1989</td>
<td>225-340</td>
</tr>
<tr>
<td>4</td>
<td>Winter 1989</td>
<td>341-456</td>
</tr>
<tr>
<td>5</td>
<td>Spring 1990</td>
<td>457-572</td>
</tr>
<tr>
<td>6</td>
<td>Summer 1990</td>
<td>573-688</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>689-719</td>
</tr>
</tbody>
</table>

THE ANTIQUARIAN HOROLOGICAL SOCIETY
Registered Charity No.260925

Chairman: Tom ROBINSON, President: Sir Nicholas GOODISON
Secretary: Mrs. M. COLLINS    Auditor: J. HASTINGS
Technical Enquiry Officer: J. H. F. WADSWORTH    Hon. Librarian: A. A. TREHERNE

Any correspondence should be addressed to the Secretary at New House, High Street, Ticehurst,
East Sussex, TN5 7AL. Tel.: (0580) 200155
<table>
<thead>
<tr>
<th>Volume</th>
<th>Article Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>V18</td>
<td>The Clocks of the London, Brighton and South Coast Railway By Dr. D. R. Parr</td>
<td>35</td>
</tr>
<tr>
<td>V18</td>
<td>A Documented Tompion Watch By Tom Robinson</td>
<td>67</td>
</tr>
<tr>
<td>V18</td>
<td>Hampton Court Palace Clock By Helge B. J. Karlsen</td>
<td>72</td>
</tr>
<tr>
<td>V18</td>
<td>Three Letters from George Graham (A Postscript) By Charles K. Aked</td>
<td>78</td>
</tr>
<tr>
<td>V18</td>
<td>An Unusual Grande Sonnerie Movement By John Winterton</td>
<td>79</td>
</tr>
<tr>
<td>V18</td>
<td>The Universal Sundials of Jacques Ozanam By René R. J. Rohr Translated by A. R. Somerville</td>
<td>171</td>
</tr>
<tr>
<td>V18</td>
<td>A Presentation Watch By Geoffrey C. Crabtree</td>
<td>178</td>
</tr>
<tr>
<td>V18</td>
<td>Fine Examples of Antiquarian Horology seen during the Scottish Tour, 1988 By Paul Tuck</td>
<td>181</td>
</tr>
<tr>
<td>V18</td>
<td>The Technology of John Harrison's Portable Timekeepers, Final Part By A. G. Randall</td>
<td>261</td>
</tr>
<tr>
<td>V18</td>
<td>Battle Church Clock By E.J. Tyler</td>
<td>287</td>
</tr>
<tr>
<td>V18</td>
<td>An Unusual Combination By Leonard Paller</td>
<td>296</td>
</tr>
<tr>
<td>V18</td>
<td>Joseph Preston and Sons By Charles K. Aked</td>
<td>299</td>
</tr>
<tr>
<td>V18</td>
<td>English Grande Sonnerie Clocks: An Inventory By John Winterton</td>
<td>307</td>
</tr>
<tr>
<td>V18</td>
<td>A Medieval Catalan Clepsydra and Carillon By Eduard Farré-Olivé</td>
<td>371</td>
</tr>
<tr>
<td>V18</td>
<td>The Shanghai Time Ball of 1884 By John H. Combridge</td>
<td>381</td>
</tr>
<tr>
<td>V18</td>
<td>Old and New Technology in Watchmaking in Coventry, 1850-1920 By Alun C. Davies</td>
<td>397</td>
</tr>
<tr>
<td>V18</td>
<td>The Graham Clock of Uppsala Observatory in Sweden By G. Pipping</td>
<td>411</td>
</tr>
<tr>
<td>V18</td>
<td>Petition of Edinburgh Watchmakers to Parliament, 1797-98 (A guid gangin' plea) By Donald Whyte</td>
<td>417</td>
</tr>
<tr>
<td>V18</td>
<td>Royal Geographical Society, No.5 By Don Levison</td>
<td>423</td>
</tr>
<tr>
<td>V18</td>
<td>Early Mechanical Horology in Italy By Giuseppe Brusa</td>
<td>485</td>
</tr>
<tr>
<td>V18</td>
<td>A Bentley &amp; Beck Dead-Beat Verge Watch By Major-General D. A. K. Redman -</td>
<td>526</td>
</tr>
<tr>
<td>V18</td>
<td>A Deacon Musical Clock By B. Corbishley</td>
<td>542</td>
</tr>
<tr>
<td>V18</td>
<td>William Hardy and His Spring-Pallet Regulators: Historical notes and list of known examples, with reference to how Hardy's Regulators inhibited sales of similar clocks by Thomas Reid By Charles Allix</td>
<td>601</td>
</tr>
<tr>
<td>V18</td>
<td>Observations of the Antikythera Mechanism By Allan G. Bromley</td>
<td>641</td>
</tr>
<tr>
<td>V18</td>
<td>The Earliest Photograph of a Wristwatch? By David J. Boullin</td>
<td>653</td>
</tr>
</tbody>
</table>
### INDEX TO VOLUME EIGHTEEN

Compiled by David Thompson

**Page numbers in bold type denote an illustration**

<table>
<thead>
<tr>
<th>A</th>
<th>18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbott, Henry, The American Watchmaker and Jeweller, reviewed</td>
<td>428</td>
</tr>
<tr>
<td>Abernethy, Philip, letter (C. Lange)</td>
<td>674</td>
</tr>
<tr>
<td>Acland, Mrs. Alfred</td>
<td>656</td>
</tr>
<tr>
<td>Acland, Mrs. Frank</td>
<td>653</td>
</tr>
<tr>
<td>Acland, Sarah Angelina, photographer</td>
<td>653</td>
</tr>
<tr>
<td>Acorn clock</td>
<td>164</td>
</tr>
<tr>
<td>Act of Parliament 1797</td>
<td>417-422</td>
</tr>
<tr>
<td>Act of Parliament clock see Tavern clock</td>
<td>18</td>
</tr>
<tr>
<td>Adams &amp; Son, railway clocks</td>
<td>37</td>
</tr>
<tr>
<td>Adams, C. letter (Yates of Preston)</td>
<td>556</td>
</tr>
<tr>
<td>Adams, Professor Phillip, Portrush sundial</td>
<td>638</td>
</tr>
<tr>
<td>Sundials, What's in Them?, lecture</td>
<td>59</td>
</tr>
<tr>
<td>Adingfleet, Lincs., parish church, turret clock</td>
<td>392</td>
</tr>
<tr>
<td>Adkins &amp; Son, watchmakers</td>
<td>401</td>
</tr>
<tr>
<td>Advertisement,</td>
<td>18</td>
</tr>
<tr>
<td>Benson, J. W., wrist-watches</td>
<td>656</td>
</tr>
<tr>
<td>Rotherham &amp; Sons</td>
<td>403</td>
</tr>
<tr>
<td>Williamson, H., Astral watch</td>
<td>407</td>
</tr>
<tr>
<td>Williamson, H., wrist-watches</td>
<td>655</td>
</tr>
<tr>
<td>AGM, inscribed on a stolen watch</td>
<td>95</td>
</tr>
<tr>
<td>Ainsley &amp; Co.</td>
<td>301</td>
</tr>
<tr>
<td>Aircraft clock, Waltham</td>
<td>196</td>
</tr>
<tr>
<td>Airy, G. B., Astronomer Royal</td>
<td>521</td>
</tr>
<tr>
<td>Transit circle</td>
<td>615</td>
</tr>
<tr>
<td>Airy's Law</td>
<td>270</td>
</tr>
<tr>
<td>Aked see also Drinkwater &amp; Aked</td>
<td>18</td>
</tr>
<tr>
<td>Aked, Charles</td>
<td>18</td>
</tr>
<tr>
<td>book reviews</td>
<td>312, 426-427</td>
</tr>
<tr>
<td>Joseph Preston &amp; Sons</td>
<td>298-306</td>
</tr>
<tr>
<td>letter (epitaphs)</td>
<td>324-325</td>
</tr>
<tr>
<td>letter (Koosen's patent)</td>
<td>319</td>
</tr>
<tr>
<td>letter (Oughtred)</td>
<td>325</td>
</tr>
<tr>
<td>letter (Preston, Joseph)</td>
<td>441-442</td>
</tr>
<tr>
<td>letter (Sundial Society)</td>
<td>88</td>
</tr>
<tr>
<td>letter (Vulliamy)</td>
<td>204</td>
</tr>
<tr>
<td>Patents, lecture</td>
<td>388</td>
</tr>
<tr>
<td>Three Letters from George Graham, postscript</td>
<td>78</td>
</tr>
<tr>
<td>Aken, W. A. van, watch case maker</td>
<td>550</td>
</tr>
<tr>
<td>Alarm,</td>
<td>18</td>
</tr>
<tr>
<td>anonymous, engraved on a seal</td>
<td>498</td>
</tr>
<tr>
<td>anonymous, hooded wall clock</td>
<td>130</td>
</tr>
<tr>
<td>anonymous, medieval wall clock</td>
<td>459</td>
</tr>
<tr>
<td>anonymous, 16th century wall clock</td>
<td>497</td>
</tr>
<tr>
<td>Capobianco, Giovanni, candlestick clock</td>
<td>511</td>
</tr>
<tr>
<td>clepsydra, reconstruction</td>
<td>379</td>
</tr>
<tr>
<td>Cockey, Edward, lantern clock, stolen</td>
<td>679</td>
</tr>
<tr>
<td>Compigné, David, lantern clock</td>
<td>20</td>
</tr>
<tr>
<td>Hill, Benjamin, watch</td>
<td>217</td>
</tr>
<tr>
<td>Ireland, Henry, lantern clock</td>
<td>350</td>
</tr>
<tr>
<td>Jones, Henry, bracket clock</td>
<td>461</td>
</tr>
<tr>
<td>Leroy of Paris, chaise watch</td>
<td>120</td>
</tr>
<tr>
<td>Meuron, Gugielmo, mantel clock</td>
<td>343</td>
</tr>
<tr>
<td>Patek Philippe&amp; Co., Calibre '89</td>
<td>239</td>
</tr>
<tr>
<td>Name</td>
<td>Reference</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Pinon Charles carriage clock</td>
<td>V18 244</td>
</tr>
<tr>
<td>Tompion, Thomas, bracket clock, olive-wood</td>
<td>V18 580</td>
</tr>
<tr>
<td>Tompion, Thomas, longcase clock</td>
<td>V18 143-144</td>
</tr>
<tr>
<td>Tompion &amp; Banger, watch No.114</td>
<td>V18 70</td>
</tr>
<tr>
<td>Alarm mechanism, Prior, John</td>
<td>V18 315</td>
</tr>
<tr>
<td>Albert VI of Habsburg</td>
<td>V18 498</td>
</tr>
<tr>
<td>Alexander, Robert, watchmaker</td>
<td>V18 422</td>
</tr>
<tr>
<td>Alkborough, parish church, turret clock</td>
<td>V18 394</td>
</tr>
<tr>
<td>Allan, Thomas, longcase clock, stolen</td>
<td>V18 445</td>
</tr>
<tr>
<td>Allen, W. H., painter</td>
<td>V18 281</td>
</tr>
<tr>
<td>Allix, Charles</td>
<td>V18 552</td>
</tr>
<tr>
<td>report</td>
<td>V18 278</td>
</tr>
<tr>
<td>William Hardy and his Spring-Pallet Regulators</td>
<td>V18 607-629</td>
</tr>
<tr>
<td>Almanus, Paulus</td>
<td>V18 501</td>
</tr>
<tr>
<td>Ambrogio delle Ancore</td>
<td>V18 507</td>
</tr>
<tr>
<td>Ambrotypes of early clocks</td>
<td>V18 92</td>
</tr>
<tr>
<td>American Clockmaker lecture by David Boles</td>
<td>V18 519</td>
</tr>
<tr>
<td>American Watches, lecture by Joe Ennis</td>
<td>V18 519</td>
</tr>
<tr>
<td>American Watchmaker &amp; Jeweller, The by Henry Abbott, reviewed</td>
<td>V18 428</td>
</tr>
<tr>
<td>American Watchmakers' Institute</td>
<td>V18 316</td>
</tr>
<tr>
<td>American Wrist Watches, by Faber, Unger &amp; Blauer, reviewed</td>
<td>V18 663</td>
</tr>
<tr>
<td>Amsterdam, Nieuwe Kerke, exhibition, Images of Time</td>
<td>V18 606</td>
</tr>
<tr>
<td>Anderson, John, Charles Alvah Smith, reviewed</td>
<td>V18 658</td>
</tr>
<tr>
<td>Anderson, Soren, Ole Romer, lecture</td>
<td>V18 370</td>
</tr>
<tr>
<td>Anderson, Svend</td>
<td>V18 368</td>
</tr>
<tr>
<td>Anderton, Dr. K., Restoration of a Clock by Pierre DuChesne, lecture</td>
<td>V18 516</td>
</tr>
<tr>
<td>Andrews, Will, book review</td>
<td>V18 311-312</td>
</tr>
<tr>
<td>The Early History of the Pendulum Clock, lecture</td>
<td>V18 30</td>
</tr>
<tr>
<td>Andrews of London, watch No.198, stolen</td>
<td>V18 677</td>
</tr>
<tr>
<td>Anita Dan, ship</td>
<td>V18 281</td>
</tr>
<tr>
<td>Anglo American Watch Company</td>
<td>V18 196</td>
</tr>
<tr>
<td>Annual General Meeting</td>
<td>V18 62</td>
</tr>
<tr>
<td>Electrical Horology Group, 1988</td>
<td>V18 521</td>
</tr>
<tr>
<td>Midlands Section, 1989</td>
<td>V18 517</td>
</tr>
<tr>
<td>Northern Section, 1990</td>
<td>V18 516</td>
</tr>
<tr>
<td>Scottish Section, 1989</td>
<td>V18 387</td>
</tr>
<tr>
<td>Southern Section, 1989</td>
<td>V18 390</td>
</tr>
<tr>
<td>Turret Clock Group, 1988</td>
<td>V18 61</td>
</tr>
<tr>
<td>Turret Clock Group, 1989</td>
<td>V18 522</td>
</tr>
<tr>
<td>Ulster Section, 1988</td>
<td>V18 59</td>
</tr>
<tr>
<td>Ulster Section, 1989</td>
<td>V18 390</td>
</tr>
<tr>
<td>Ansonia Clock Co., mantel clock</td>
<td>V18 281</td>
</tr>
<tr>
<td>Ansonia Clocks, by Trans Duy Ly, reviewed</td>
<td>V18 542</td>
</tr>
<tr>
<td>Antikythera Instrument</td>
<td>V18 487</td>
</tr>
<tr>
<td>Antikythera Mechanism, Observations of the, by Allan Bromley</td>
<td>V18 641-652</td>
</tr>
<tr>
<td>arrangement of the fragments</td>
<td>V18 643</td>
</tr>
<tr>
<td>dial, front fragment</td>
<td>V18 650</td>
</tr>
<tr>
<td>dial, front rings</td>
<td>V18 651</td>
</tr>
<tr>
<td>dials, lower back</td>
<td>V18 649</td>
</tr>
<tr>
<td>differential drive train</td>
<td>V18 645-646</td>
</tr>
<tr>
<td>four-year gear train</td>
<td>V18 648</td>
</tr>
<tr>
<td>gears, from</td>
<td>V18 650</td>
</tr>
<tr>
<td>materials used in construction</td>
<td>V18 645</td>
</tr>
<tr>
<td>metonic gear train</td>
<td>V18 647</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Antiquarian Horological Society, amalgamation with B.H.I. tour 1989 670-671

Antiquarian Horological Society, The Early History, lecture by Michael Hurst 278

Antonio da Cremona clockmaker 490

Antonio di Padova, clockmaker 490

Antrim, Joseph longcase clock, stolen 558

Appleby, Humberside, turret clock 393

Apprenticeship system, Coventry 397

Apps, Robert, clockmaker 291

Archimedes 554-555

Archytas of Tarentum 554-555

Aretino, Pietro 511

Armagh Observatory 638

Armagh Observatory Timepieces, lecture by William Stuart 519

Armillary sphere, by John Lynam 435

Armorial 197

Arnfield, J., Bergier Le Jeune, Mantel Clock, lecture 516

Arnold, John Roger, mantel clock 200

Arnold John clock maker 673

Arnold & Dent, bracket clock No.408 232

turret clock 392

Arthur, James, Memorial Lecture 30, 520

Arundel Castle, archives 67

Ashby-Sandwich, Kent, turret clock 390

Ashworth, Peter 624

Asmusson, Carl, watchmaker 318

Astral, watch 407

Astrarium, by Giovanni de Dondi 491, 495, 508

Astrolabe see also Dial, astrolabic 641-652

Astrolabe, mariner's, replica stolen 558

Astrolabe, Regiomontanus type, dated 1462 336

Astronomical Clocks, lecture by Dr. Allan Mills 633

Astronomical indications see also Astrarium 641-652

Astronomical indications see also Globes 336

Astronomical indications see also Planetarium 491, 495, 508

Astronomical indications, 253

Anonymous, French table clock 253

Antikythera machine 641-652

Baker, Thomas, clock 635

Caldiere, Giovanni de, turret clock 485

Castel, M., orrery clock 142

Copland & King, clock 688

Dent of London, chronometer watch No.32573 85, 686

Dondi, Novello, turret clock 492

Dovizioli, father and son, turret clock 513

Fanzo, Pietro, turret clock 513

Fulton, John, orrery 53-54

German, Paolino, turret clock 513

Hampton Court Palace clock 72-77

Klaauw, Christiana van der, table clock 368
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Leicester University Clock 257-259
Lorenzo della Volpaia, turret clock 502, 503
Lyon Cathedral 85
Mannfredi, Bartolomeo, turret clock 500
Mondino da Cremona, turret clock 489
Monumental clocks 550
Norton, Eardley, clock 573, 605
Padua, turret clock 492
Patek Philippe, Calibre '89 239
Player, J. & Son, watch 400
Prevost, Louys, watch 125
Rainieri, Giampaolo, turret clocks 505, 507
Robb, William, longcase clock 236
Venice, St. Mark's Square public clock 507

AT, watch case maker 320
Athenaeum Club, clock stolen from 445
Athens, National Archaeological Museum 641
Atkins, John, turret clock 281
Atmos, The Perpetual Clock 195
Atmos clock, stolen 558
ATO, electric clock 61
ATO, watch case maker's mark 260
Atwell, Henry, watch, AD 1806 91
Atwood, Seth, The History of Timekeeping, lecture 30
Aubert, Leon, chronometer watch 85, 680
Audemars, Louis, minute-repeating watch 217
Augustin of Presburg, Vienna regulator 458
Ault see Reid & Ault
Aurignac, turret clock 194
Automaton
anonymous, 'Adam and Eve' longcase clock 315
anonymous, 'Diana on a stag' 666
anonymous, 'drinking monkey' clock 137
anonymous, erotic watch, stolen 444
anonymous, Jacquemart watch 217
anonymous, musical watch 567
anonymous, singing bird mantel clock 591
anonymous, south German 549
anonymous, Viennese mantel clock 234
Capobianco, Giovanni, dancer 511
Capobianco, Giovanni, ship 511
Cox, James, bracket clock 307, 369
Dionisio di Cecco, clock 502
Marriott, John, bracket clock 466
Martineau, picture clock 183
Pistor, Edward, bracket clock 588
Rainieri, Giampaolo, turret clock 507
Robin of Paris, mantel clock 253
Wagstaff, Thomas, bracket clock 16

Azzopardi, Spiridion, report 637
B
Badollet of Geneva, watch No.13711 90
Bailey, F. A. 302
Bains Clarkson Fund 259
Baker see also Troll-Baker
Baker of Boughton-under-Blean, clockmaker 94
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baker, Paul, Horological Tools, lecture</td>
<td>56</td>
</tr>
<tr>
<td>Practical Hints or Clock Repairers, lecture</td>
<td>633</td>
</tr>
<tr>
<td>Baker, Thomas, Astronomical Clock, lecture by Clifford Bird</td>
<td>635</td>
</tr>
<tr>
<td>Balance V18</td>
<td></td>
</tr>
<tr>
<td>Arnold 'double-S'</td>
<td>339</td>
</tr>
<tr>
<td>Dent staple</td>
<td>122</td>
</tr>
<tr>
<td>Harrison, H1</td>
<td>148</td>
</tr>
<tr>
<td>Harrison, H3</td>
<td>155</td>
</tr>
<tr>
<td>Harrison isochronal corrector</td>
<td>159-160</td>
</tr>
<tr>
<td>Balance spring V18</td>
<td></td>
</tr>
<tr>
<td>double conical</td>
<td>211</td>
</tr>
<tr>
<td>Harrison, H3</td>
<td>155</td>
</tr>
<tr>
<td>Lossier's calculations</td>
<td>159</td>
</tr>
<tr>
<td>spherical</td>
<td>592</td>
</tr>
<tr>
<td>Baldewein, Eberhard, celestial globe</td>
<td>162</td>
</tr>
<tr>
<td>planetary clock</td>
<td>163</td>
</tr>
<tr>
<td>Baldwin, John, clockmaker</td>
<td>93</td>
</tr>
<tr>
<td>Ballantyne, William, clockmaker</td>
<td>422</td>
</tr>
<tr>
<td>Ballooning, shown on a clock dial</td>
<td>56</td>
</tr>
<tr>
<td>Banfield Edwin, barometer collection</td>
<td>637</td>
</tr>
<tr>
<td>Banger ;see Tompion &amp; Banger V18</td>
<td></td>
</tr>
<tr>
<td>Bannister, James, railway clock</td>
<td>38</td>
</tr>
<tr>
<td>Barber, W., longcase clock, stolen</td>
<td>679</td>
</tr>
<tr>
<td>Barcelona, Arxiv de la Corona d'Aragó</td>
<td>371</td>
</tr>
<tr>
<td>Barham, James, epitaph</td>
<td>206</td>
</tr>
<tr>
<td>Barnard Castle Museum</td>
<td>185</td>
</tr>
<tr>
<td>Barnett, John, bracket clock</td>
<td>108</td>
</tr>
<tr>
<td>bracket clock with mock pendulum</td>
<td>569</td>
</tr>
<tr>
<td>Barocci, Giovan, Maria, clockmaker</td>
<td>513</td>
</tr>
<tr>
<td>Barograph, anonymous</td>
<td>357</td>
</tr>
<tr>
<td>Barometer, V18</td>
<td></td>
</tr>
<tr>
<td>anonymous</td>
<td>357</td>
</tr>
<tr>
<td>anonymous, on a clock</td>
<td>213</td>
</tr>
<tr>
<td>Banfield, Edwin collection</td>
<td>637</td>
</tr>
<tr>
<td>Bryson, Alexander &amp; Robert, regulator</td>
<td>9</td>
</tr>
<tr>
<td>Dollond of London</td>
<td>22</td>
</tr>
<tr>
<td>Fitzroy, Admiral</td>
<td>86</td>
</tr>
<tr>
<td>Frodsham, Charles, in a watch</td>
<td>667</td>
</tr>
<tr>
<td>Negretti &amp; Zambra</td>
<td>636</td>
</tr>
<tr>
<td>Quare, Daniel, numbering system</td>
<td>207</td>
</tr>
<tr>
<td>Smith, Egerton</td>
<td>220</td>
</tr>
<tr>
<td>Somalvico</td>
<td>688</td>
</tr>
<tr>
<td>Barraud of London, watch No.7448</td>
<td>93</td>
</tr>
<tr>
<td>watch No.8905</td>
<td>93</td>
</tr>
<tr>
<td>Barraud &amp; Lund</td>
<td>306</td>
</tr>
<tr>
<td>Barthman, William</td>
<td>664</td>
</tr>
<tr>
<td>Bartlett, Samuel, watchmaker</td>
<td>292</td>
</tr>
<tr>
<td>Barton-on-Humber, turret clocks</td>
<td>394</td>
</tr>
<tr>
<td>Barton, Sir John</td>
<td>612-613</td>
</tr>
<tr>
<td>Barton, W. H.</td>
<td>613</td>
</tr>
<tr>
<td>Barwise, John, watch No.606, stolen</td>
<td>676</td>
</tr>
<tr>
<td>Barwise of London V18</td>
<td></td>
</tr>
<tr>
<td>bracket clock</td>
<td>385</td>
</tr>
<tr>
<td>longcase clock</td>
<td>237</td>
</tr>
<tr>
<td>Basingstoke Museum, AHS visit</td>
<td>280</td>
</tr>
<tr>
<td>town hall clock</td>
<td>281</td>
</tr>
<tr>
<td>Bateman, Douglas, letter (Cooke's Patent Suncl)</td>
<td>672</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Volume</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Batory, Stephen, University</td>
<td>V18</td>
<td>619</td>
</tr>
<tr>
<td>Battle Church Clock, by E.J. Tyler</td>
<td>V18</td>
<td>287-295</td>
</tr>
<tr>
<td>Battle church, churchwarden's accounts</td>
<td>V18</td>
<td>293-295</td>
</tr>
<tr>
<td>Batty, W. &amp; Sons Ltd., longcase clock, stolen</td>
<td>V18</td>
<td>95</td>
</tr>
<tr>
<td>Baumberger, Peter</td>
<td>V18</td>
<td>369</td>
</tr>
<tr>
<td>Baxter see Grimshaw &amp; Baxter</td>
<td>V18</td>
<td></td>
</tr>
<tr>
<td>Beake, Jonathan, wall clock</td>
<td>V18</td>
<td>331, 364</td>
</tr>
<tr>
<td>Beale, John</td>
<td>V18</td>
<td>288</td>
</tr>
<tr>
<td>Beaumont, Samuel, watch No.51707</td>
<td>V18</td>
<td>397</td>
</tr>
<tr>
<td>Beck see Bentley &amp; Beck</td>
<td>V18</td>
<td></td>
</tr>
<tr>
<td>Beck, James, chronometer maker</td>
<td>V18</td>
<td>526</td>
</tr>
<tr>
<td>Beckley, C., bracket clock, stolen</td>
<td>V18</td>
<td>95</td>
</tr>
<tr>
<td>Bedford, Duchess of</td>
<td>V18</td>
<td>204</td>
</tr>
<tr>
<td>Beeson, C. F., Collection</td>
<td>V18</td>
<td>633</td>
</tr>
<tr>
<td>Beta, J. B., cuckoo clock</td>
<td>V18</td>
<td>256</td>
</tr>
<tr>
<td>Belcher, Duncan, obituary</td>
<td>V18</td>
<td>602</td>
</tr>
<tr>
<td>Belfast</td>
<td>V18</td>
<td></td>
</tr>
<tr>
<td>Assembly building clock</td>
<td>V18</td>
<td>59</td>
</tr>
<tr>
<td>College of Technology, seminar</td>
<td>V18</td>
<td>283</td>
</tr>
<tr>
<td>Gas works clock</td>
<td>V18</td>
<td>59</td>
</tr>
<tr>
<td>Bell</td>
<td>V18</td>
<td></td>
</tr>
<tr>
<td>Sherbourne Abbey</td>
<td>V18</td>
<td>206</td>
</tr>
<tr>
<td>Wroxeter, St. Andrews</td>
<td>V18</td>
<td>515</td>
</tr>
<tr>
<td>Bellete of London</td>
<td>V18</td>
<td>687</td>
</tr>
<tr>
<td>Bellfounders</td>
<td>V18</td>
<td>389</td>
</tr>
<tr>
<td>Bellringer, Barham, James</td>
<td>V18</td>
<td>206</td>
</tr>
<tr>
<td>Belmont House, Kent</td>
<td>V18</td>
<td>437</td>
</tr>
<tr>
<td>Bebe, Reginald</td>
<td>V18</td>
<td>246</td>
</tr>
<tr>
<td>Bembo, Bernardo, letter</td>
<td>V18</td>
<td>510</td>
</tr>
<tr>
<td>Bennett of ? railway clocks</td>
<td>V18</td>
<td>37</td>
</tr>
<tr>
<td>Bennett, J. A., The Divided Circle, reviewed</td>
<td>V18</td>
<td>311</td>
</tr>
<tr>
<td>Bennett, Sir John, clockmaker</td>
<td>V18</td>
<td>55</td>
</tr>
<tr>
<td>Benson of London, turret clock chimes</td>
<td>V18</td>
<td>281</td>
</tr>
<tr>
<td>Benson, J. W., VI</td>
<td>V18</td>
<td></td>
</tr>
<tr>
<td>advertisement for wrist-watch</td>
<td>V18</td>
<td>656</td>
</tr>
<tr>
<td>carriage clock</td>
<td>V18</td>
<td>468</td>
</tr>
<tr>
<td>Bergier Le Jeune, mantel clock</td>
<td>V18</td>
<td>109, 255</td>
</tr>
<tr>
<td>Bergier Le Jeune, Mantel Clock, lecture by J. Arnfield</td>
<td>V18</td>
<td>516</td>
</tr>
<tr>
<td>Bergischen land, longcase clocks</td>
<td>V18</td>
<td>194</td>
</tr>
<tr>
<td>Berlin, Kunstgeverbemuseum, tarsia panel</td>
<td>V18</td>
<td>498</td>
</tr>
<tr>
<td>Berlinghieri, F., illuminated manuscript</td>
<td>V18</td>
<td>495</td>
</tr>
<tr>
<td>Berthoud, Ferdinand, regulator</td>
<td>V18</td>
<td>224</td>
</tr>
<tr>
<td>Besançon, Musée du Temps, Exhibition, Decimal Time</td>
<td>V18</td>
<td>368</td>
</tr>
<tr>
<td>Bessarion, Cardinal</td>
<td>V18</td>
<td>336</td>
</tr>
<tr>
<td>Betts, Jonathan, review</td>
<td>V18</td>
<td>194</td>
</tr>
<tr>
<td>John Harrison and his Timekeeper H1, lecture letter (Holmden spring regulator)</td>
<td>V18</td>
<td>370</td>
</tr>
<tr>
<td>Beuriot &amp; Sabrier, Les Horloges Lanternes Francaise, reviewed</td>
<td>V18</td>
<td>192</td>
</tr>
<tr>
<td>Bianca, Queen of Sicily</td>
<td>V18</td>
<td>497</td>
</tr>
<tr>
<td>Bidlake of London, clockmaker</td>
<td>V18</td>
<td>92</td>
</tr>
<tr>
<td>Bielefeld Museum</td>
<td>V18</td>
<td>434</td>
</tr>
<tr>
<td>Big Ben see also Westminster clock</td>
<td>V18</td>
<td></td>
</tr>
<tr>
<td>Big Ben lecture by John Darwin</td>
<td>V18</td>
<td>61</td>
</tr>
<tr>
<td>Billiards timer</td>
<td>V18</td>
<td>89</td>
</tr>
<tr>
<td>Billings of ? railway clocks</td>
<td>V18</td>
<td>37</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Binny, Daniel, clockmaker 422V

Biography, V

Bird, Clifford 52V
Bursa, Giuseppe 514V
Clutton, Cecil 514V
Dawson, Percy 384V
Healy, Charles 60V
Jagger, Cedric 161V
Miles, Robert 630V
Mitchell, Arthur 630V
Robinson, Tom 52V
Shenton, Rita 384V
Ward, Dr. Frank 161V

Bird, Clifford, biography 52V

Baker's Astronomical Clock, lecture 635V
Bird, John, quadrant 414V
Bird, William, clockmaker 93V
Birge & Ives, wall clock 315V
Bishop, James, clockmaker 422V
Blackwell, Dana, letter (Richard Oliver) 436V
Blair Atholl Castle, AHS visit 182V
Bland see Gillet & Bland
Blauer see Faber, Unger & Blauer
Body, Henry 291V
Body, Obadiah 290V
Body, Mrs. S. 291V
Boethius, Severinus 554-555V
Boite de Montre, Le Finissage de la, by E. Graupmann, reviewed 661V
Boles, David, American Clockmaking, lecture 519V
Bolton of? 301V
Bolton & Son 301V
Bolyne, Anne, clock 195, 605V
Bond, George 521V
Bond, Richard's Isodynamic Escapement, lecture by William D. Todd 521V
Bond, William Cranch, clockmaker 32, 314, 520, 521V
Bond William & Son, circuit-breaking device 615V
Bonelli, Antonio, clockmaker 494V
Bonnert, Peter Carriage Clocks, lecture 166, 632V
Bonniksen, Bahne watchmaker 401V
Borelli, Charles, clockmaker 619V
Bornholm, longcase clocks 369V
Boullin, David, The Earliest Photograph of a Wrist-Watch 653-656V
letter (electric timekeeper) 207V
letter (epitaphs) 206V
letter (photography) 92V
letter (radio controlled clocks) 323V
Bowen, inscribed on a stolen clock 326V
Bracebridge of London? 301V
Bracelet watch see wrist-watch
Bracket clock, V
anonymous, Austrian 18V
anonymous, brass inlaid, stolen 678V
anonymous, inscribed Rev. George Meek, stolen 445V
Arnold & Dent, No.408 232V
Barnett, John 108V
Barnett, John, with mock pendulum 569V
Barwise of London 385V
Beckley, C., stolen 95
Bull, John, lost 444
Buschmann, David, stolen 444
Bushman, John 679
Cabrier, Charles 451
Chater, Richard 473
Clarke, Alexander, stolen 678
Cowie, George, stolen 444
Cox, James 369
Dalousle, James, stolen 444
DeCharmes, Simon 460
Delander of London 580
Desbois & Wheeler, miniature pair 688
Desbois & Wheeler, stolen 445
Drabble, Joshua 228
Drew of London 386
Dunlop, Conyers 310
Dutton, Matthew 112
Dutton, Matthew & Thomas 450
East, Edward (Terry Collection) 184
East, Edward, stolen 326
Ellicott of London, musical 338
Ellicott, John, jnr., grande sonnerie 310
Ellicott, John, jnr., walnut 570
Fladgate, John 28
Frodsham, Charles 310
Fromanteel of London 309
Fromanteel & Clarke, grande sonnerie 310
Fromanteel & Clarke, stolen 208
Garon, Peter 310
Goldsmiths' & Silversmiths' Company, stolen 558
Gorham, James, stolen 326
Gould, Christopher 310
Gout, Ralph, No. 178 310
Graham, George, Nos. 488 & 721 310
Graham, George, No.618 579
Graham, George (Terry Collection) 184
Gregg, Richard 310
Gretton, Charles 580
Griffiths of London, stolen 444
Grimaldi & Johnson 13
Haley, Thomas, stolen 678
Hughes, Thomas 310
Jones, Henry, with alarm 461
Jones, Henry, ebony, basket top 349
Jones, Henry, Knibb type 134
Jones, Henry, grande sonnerie 309
Jullion of Brentford 467
King, William 335
Kirk, Jos(eph) 310
Knibb, John 134
Knibb, Joseph (ebonised) 132
Knibb, Joseph (ebony) 132
Knibb, Joseph (ebony veneered) 340
Knibb, Joseph (grande sonnerie) 84, 309
Knibb, Joseph, silver mounts 598
Knibb, Joseph, stolen 95
Lamborn, John, stolen 95^18
Lancaster, William 683^18
Lenzkirch 679^18
McCabe, James, No.1229 15^18
McCabe, James, stolen 678^18
Markwick, Markham of London 132^18
Marriott, John 466
Martineau, Joseph, snr. 310^18
Massy, Henry 196
Mislor, Edward 588^18
Millar, John, stolen 444^18
Moreau L'aisne' of Paris, stolen 444^18
Moss, Thomas, stolen 208^18
Mudge, Thomas 310^18
Murray, James, stolen 558^18
Norton, Eardley 310^18
Norton, Eardley, stolen 445^18
Payne, William, stolen 208^18
Perigal, Francis 238^18
Pyke, George 166^18
Quare, Daniel, (ebony veneer) 132^18
Quare, Daniel, (kingwood veneer) 132^18
Quare, Daniel, (Tompion style case) 366^18
Rickard, E. 679^18
Rowley, A. & H., stolen 558^18
Scafe, William 580^18
Shaw, John 28^18
Skinner, Benjamin 563^18
Smith, William, stolen 208^18
Stanton, Edward 132^18
Taylor, Thomas, grande sonnerie 84, 309^18
Tompion, Thomas, grande sonnerie, silver mounted 462^18
Tompion, Thomas, grande sonnerie, various 309-310^18
Tompion, Thomas, No.23 580^18
Tompion, Thomas, No.116 132^18
Tompion, Thomas, No.121 585^18
Tompion, Thomas, No.270 580^18
Tompion, Thomas, No.531 565^18
Tompion, Thomas, olive wood, turntable 580^18
Tompion, Thomas, tic-tac escapement 88^18
Tompion, Thomas, timepiece 233^18
Tompion & Banger, grande sonnerie Nos.436&443 310^18
Tompion & Banger, No.475 183^18
Tregent James, stolen 94^18
Turnbull, W. 132^18
Vulliamy of London, No.692 587^18
Vulliamy of London, No.767 586^18
Vulliamy, Justin 138^18
Wagstaff, Thomas 16^18
Wall, William, stolen 678^18
Watson, Samuel 241^18
Webster of London, stolen 444^18
Weeks of London 229^18
Wells, J., stolen 558^18
Windmills, Thomas 132^18
Wyche, D., stolen 557-558^18
Brackley of ? longcase clock, stolen 326
Bradford, parish church, turret clock 387
Bradley, Langley, clockmaker 74
Bradley, N. L., salesman 92
Bradley, Thomas, drawings of Harrison's H2 151-154
Brameld, Timothy, clockmaker 435
Brand, Basil, clockmaker 91
Brand, John, clockmaker 91
Bras-en-l'air anonymous, mantel clock 333
Gubelin of Lucerne, watch 567
Brand, Basil, clockmaker 91
Brasseur, Harry, letter 443
Breakenrige, James, clockmaker 422
Breakenrige, Robert, clockmaker 422
Breguet, Abraham Louis, regulator, double pendulum 85
watch 28
watch No.5/85, 125 215
watch No.753 667
watch No.942 527
watch No.2568 543
watch No.2751 21, 235
Breguet et Fils, carriage clock No.3358 7
mantel clock 116
watch No.1836 345
watch No.3248 21
watch No.3444 344
Brenner Howard S., Collecting Comic Character Clocks & Watches, reviewed 313
Brescia, turret clock 513
Bridge, Kent, St. Peter's, turret clock 389
Bridgenorth, Salop, St. Leonards, turret clock 515
Bright of? 301
Brighton, Royal Pavillion, mantel clock, stolen 94
Brisbane, Sir Thomas 618, 624
Bristol Brass & Clock Company 165
British Horological Institute, 1848-1914, lecture by Dr. Alun C. Davies 55
British Horological Institute, Exhibition 1989 amalgamation with AHS 670-671
British Museum see London
British Watch Company Ltd. 545
Brock, James, chronometer watches Nos. 1580 & 1618 425
regulator 223
Brockbank, John, watch 185
Brockbanks of London, marine chronometer 612
Brocot, Achille, lunar gear trains 91, 202 pendulum suspension 315
Brocot, Louis Gabriel, pendule de Paris 667
Bromley, Allan, Observations of the Antikythera Mechanism 641-652
Brown see also Clark, Gilbert & Brown
Brown see also Hills, Brown & Co.
Brown see also Welch, Brown & Pomeroy
Brown, Charles, turret clock 392
Brown, George, clock maker 422
Brown, Jonathan, Clark and the Forestville Manufacturing Co. lecture by Ken Roberts 163-165, 281
Brown Boots in Earlsdon, by Mary Montes, reviewed 657-658
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Browne, Sir Anthony 287
Brunel Clock Fair 142
Brunelleschi, Filippo, spring-driven clocks 496
Brusa, Giuseppe, 514

biography
Early Mechanical Horology in Italy 370, 485-513

Brussels, Bibliotheque Royale de Belgique 377, 508
Bryden, David, Sundials & Related Instruments, reviewed 190
Bryson, Alexander & Robert, regulator 9
Buchanan, Archibald, regulator 520
Buckingham, Joseph, longcase clock 576
Buckingham, Palace, exhibition, A Royal Miscellany 605
Buffet, E, 544
Bukinham of London, watch 687
Bull, John bracket clock, lost 444
Bullock of? 301
Bulova, Joseph 644

Bundock, M, J, letter (Kimpton of Malden) 93
reports
Turret Clocks in Kent, lecture 634

Burgess, Martin
Gurney clock 196
Harrison regulators 146
Harrison's Regulator and the Gurney Clock, lecture 631

Burghley House, exhibition 28
Burghley, Lord, sundial 436
Bürgi, Jost 33
armillary clock 163
globes 31, 162, 163
Vienna crystal clock 163

Burton, David, Philip Thornton, Clockmaker, lecture 56
Burwash, church clock 290

Bury St Edmunds, Gershon Parkington Memorial Collection,
De Dondi, planetarium replica 484
theft of clocks and watches 675-678
Bury St. Edmonds, Moyse Hall, exhibition, Stands The Church Clock 142, 284

Buschmann David bracket clock, stolen 444
Bushman of London, watch 687
Bushman, John, bracket clock 679
watches 162

Buscott Park, Oxon, AHS visit 388
Bussar, Sam, watch No.3924, stolen 676
Butler of Norwich, longcase clock 334
Butterfield, William, architect 292
Butterworth, Joseph, clockmaker 435
longcase clock 435

C
Cabrier, Charles, bracket clock 451
Cachard of Pans, mantel clock 352
Caffa see Feodosia
Calabrese, Vincent, wrist-watch 368
Calculating machines 195
Caldieri see Giovanni de
Calendar, 572
Chauvet, J. S., longcase clock 125

Prevost, Louys, watch

V18
Sarton of Liege, mantel clock 8
Weeks of London, bracket clock 229

Calendar, annual, 5
Berthoud, Ferdinand, regulator 224
Norton Eardley, four-dial clock 57
Reid, Thomas, longcase clock 182

Calendar, classical 555

Calendar, perpetual, 1
Audemars, Louis watch 217
Augustin of Presburg, Vienna regulator 458
Dent of London, chronometer watch No.32573 686
Frodsham, Charles, chronometer watch No.190119/09128 17
Lovelace, Jacob, clock 516
Ludlam's 550
Patek Philippe & Co., Calibre '89 239
Patek Philippe & Co., wrist-chronograph 19
Patek Philippe & Co., wrist-watch No.1119384 221
Patek Philippe & Co., wrist-watch 337
Robin of Paris, mantel clock 253
Spitznagel, Johannes, No.175 296-297

Calendar, Revolutionary 548, 667
Call, Jan van, wall clock 435
Callin, Andrea, watch 431
Callin, Gio. Pietro, clock 431
Calotypes of clocks 92

Cambridge, Fitzwilliam Museum, Tompion & Banger, bracket clock 57
Cambridge, Great St. Mary's church, turret clock 387
Cambridge, King's College, turret clock 168, 284
Cambridge, Maddingly Road Observatory 620, 628
Cambridge Whipple Museum, Exhibition 189
Hardy, William, regulator 620-622

Camerer Cuss and Co. 1788-1988, by T. Cuss, reviewed 85
Campanus, Petrus Thomas, night clock 246
Candle-stick watch/clock 511
Candoglia marble quarries 498
Canterbury Museum, New Zealand 318
Cap maker, 'T' 199
Cape Town Observatory 620
Capobianco, Giovanni, clockmaker 507
Candle-stick watch 511
ring-watch 511

Capt. & Co., watch 85
Cardano, Gerolamo, mathematician 512
De Rerum Varietate, drawing from 511-512

Cardinal, Catherine, La Revolution dans la Mesure du Temps, reviewed 547

Carillon
Belfast, Assembly Building 59
Habrecht, Isaac 20
medieval Catalan 371-380
Orvieto Cathedral, marble relief 487-488

Carlton Towers, portrait of Bernard 67
Carriage clock, 5
anonymous, English 596
anonymous, inscribed Christopher Hussey CBE, stolen 444
anonymous, No.7851, stolen 558
anonymous, No. 13943, stolen 445
Benson, J. W., retailer 468 V18
Breguet et Fils, No.3358 6 V18
Cole of London 310 V18
Cole, J. F., No.D 310 V18
Drocourt of Paris, No.16591 468 V18
Frodsham of London 310 V18
Frodsham of London, No.2294 & No.2297 310 V18
Margaine of Paris, No.2892, stolen 558 V18
Nicole Nielsen, Nos. 11553, 11554, 11556, 11558, 11559&12080 310 V18
Pinon, Charles 244 V18
Potts of Leeds 387 V18
Randall, Anthony 58 V18
Reymond, Frères 86 V18
Vulliamy of London, No.1608 310 V18
Vulliamy, B. L., No.1420 310 V18
Carriage Clocks, lecture by Peter Bonnert 166, 632 V18
Carruthers, Andrew, Rt. Rev. 179 V18
Carruthers, James 179 V18
Carter, John, railway clocks 37, 40, 41 V18
Carter, Thomas, longcase clock 674 V18
Cartier of Paris, watch, platinum case mantel clock 221 V18
wrist-chronograph No.30141 87A 219 V18
Casemaker, watch see Watch case maker V18
Cassiobury Park clock 287 V18
Castel, M., orrery clock 131, 142 V18
Catherwood, Thomas, regulator (Earnshaw) 280 V18
Cesare's Sky planetarium by Torriano 513 V18
Cecil family 28 V18
Celsius, Anders, astronomer 411 V18
Centre seconds, V18
Beaumont, Samuel, watch No.51707 397 V18
Butler of Norwich, longcase clock 334 V18
Frodsham, Charles, pocket chronometer No.08442 127 V18
Patek Philippe & Co., Calibre '89 239 V18
Weeks of London, bracket clock 229 V18
CH, watch case maker's mark 669 V18
Chaise watch, 196 V18
Goullons of Paris 185 V18
Leroy of Paris 120 V18
Pfab, Andreas 453, 548 V18
Chapelle, Kenneth, Clock Restoration, lecture 282, 632 V18
Scottish National Trust Clocks, lecture reports 54 V18
Chapiro, Dr. Adolph, The History of the French Watch, lecture 30 V18
Jean-Antoine Lepine, Horloger, 1720-1814, reviewed 427 V18
Chapman, William 55 V18
Chariot, Chinese South Facing 549 V18
Charles I of England 606 V18
Charles V, Emperor 512 V18
Charleston, St. Michael's church, turret clock 325 V18
Chatelaine, anonymous Turkish market watch 684 V18
Bussar, Sam, watch No.3924, stolen 677 V18
Gray & Constable, watch No.531 677 V18
Chater, Richard, bracket clock 473 V18
Chauvet, J. S., longcase clock 572 V18
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Cheapside Hoard, watches 162
Cheetham, Joseph, turret clock 86
Chiaravelle Abbey 508
Chichester, Clive Jones Museum, AHS visit 385
Chichester, Mechanical music and doll collection 57
Chimes on turret clocks 289
Chiming, quarter, anonymous, bracket clock 18
anonymous, Elizabethan lantern clock 430
Cabrini, Charles, bracket clock 451
Deacon/Lindley, longcase clock 529-541
Penlington & Hutton, skeleton clock 14
Perigal, Francis, bracket clock 238
Weeks of London, mantel clock 105
Chollet & Jequier, La Main et L'Outil, reviewed 663

Chronograph, wrist, Cartier of Paris, No.30141 87A 219
European Watch & Clock Co. Inc., No.30141 87A 219
Patek Philippe & Cie 19, 359, 360
Universal Tricompax 221
Chronometer, boxed, Lange, A. & S6hne 432
Foggio, James, No.18666 673-674

Chronometer, marine, Brockbanks of London 612
Dent of London, No.3105 122
Emery, Josiah 666
Haley, Charles, 612
Hardy, William, 608, 612
Harrison, John, timekeepers 145-160, 225, 261-275
Lange of Glashütte 195
McCabe, James, No.172 301
Thiébaut, W.J., No.1000 211

Chronometer, pocket (including precision watches), anonymous, government issue 278
anonymous, minute repeat, stolen 95
anonymous, Swiss tourbillon 130
anonymous, tourbillon half-hunter 217
Aubert, Léon 686
Brock of London, Nos. 1580&1618 425
Brockbanks of London 612
Dent, M. F., No.32573 686
Earnshaw, Thomas, No.665/9117 455
Earnshaw, Thomas, No.1031/3924 348
Ellicott & Company No.9001 472
Frodsham of London 281
Frodsham, Charles, No.08442 127
Frodsham, Charles, No.190119/09128 17
Grant of Fleet Street, No.1732 106
Haley, Charles 612
Jürgensen, Jules, No.64 592
Jürgensen, Urban 369
Leroy of Pans 103
Lund & Blockley, No.2/931 423-425
Lund & Blockley, Nos. 2/932 & 2/946 425
Patek Philippe & Co. 99
Patek Philippe & Co., Calibre `89 239.
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Smith, S. & Son, 'RGS' explorers 425 V18
Chuquet rule for gear ratios 76, 202 V18
Clark, Gene, watches 194 V18
Clark, Gilbert & Brown 165 V18
Clarke see Fromanteel & Clarke V18
Clarke, Alexander, bracket clock, stolen 678 V18
Clarke, Richard, regulator 454 V18
Cleland, John, clockmaker 422 V18
Clement, Joshua, illustration of Hardy regulator 608 V18
Clement, William, clockmaker 93 V18
Clement, William, turret clock 168 V18
Clepsydra and Carillon, Medieval Catalan by Eduard Farre-Olive 371-380 V18
Clepsydra, alarm, reconstruction 379 V18
Cambridge, John 278 V18
Cryer, Jonathan 315 V18
Hemispherical bowl type 376 V18
Korean, 15th century 668 V18
medieval illustration 341 V18
Sejong, King 549 V18
Clifford of? 301 V18
Clifford C F tuning-fork escapement 62 V18
Clock case makers 315-316 V18
Clock Case Making, lecture by Gurney Crane 635 V18
Clockmakers' Company see Worshipful Company of Clockmakers V18
Clockmaking in Britain and the Netherlands, lecture by John Leopold 60 V18
Clocks and Clock Repairing, by Eric Smith, reviewed 313 V18
Clocks of the London, Brighton & South Coast Railway by Dr. DR. Parr 35-51 V18
Clock-watch, Parkinson & Frodsham 101 V18
Cloisonné, turret clock 513 V18
Clutton, Cecil, biography 514 V18
letter (medieval clepsydra) 550 V18
Coach watch see Chaise watch V18
Coates, Giles supplier of railway clocks 37, 38, 41, 318, 438 V18
regulator 318 V18
Cockey, Edward, lantern clock, stolen 679 V18
Cogdon of? 301 V18
Colchester, 'Tymperlys' Museum 435 V18
Cole of London, carriage clock 310 V18
Cole, J. F., carriage clock No.D 310 V18
Cole, Thomas, desk clock No.1933 570 V18
Collection V18
Banfield, Edwin, barometers 637 V18
Beeson, C. F. 633 V18
Farrington 388 V18
Foulkes, Robert 196 V18
Gelis, Edouard 667 V18
Gershom Parkington 484, 675-678 V18
Harris, Lord 142, 437 V18
Iden, Walter 25 V18
Ilbert, Courtenay 106, 186 V18
Jones, Clive 385 V18
Landroock, Horst 86 V18
Lyme Hall 55 V18
Mahler, horological tools 548 V18
Maitzner 213 V18
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Mallet, J. Francis 168^V18
Miller, William E. 162^V18
Paget-Wade, Charles 386^V18
Prestige, Sir John 339^V18
Salomons, Sir David 252-253^V18
Sussex, Duke of 624^V18
Terry, Noel 184^V18
Usher, James 668^V18

Collection, (cont) ^V18
Verney 10^V18
Weatherfield 520^V18
Willis, George 280^V18
Worshipful Company of Clockmakers 185^V18

Collier's Friend, watch 400^V18
Columbia, NAWCC Museum 604, 667^V18
Combridge see Needham, Gwei-djen, ^V18
Combridge & Major ^V18
Combridge, John, ^V18
clespsydra 278^V18
The Shanghai Time Ball of 1884 381-383^V18

Comic Character Clocks & Watches, Collecting by Howard S. Brenner, reviewed 313^V18
Comino da Pontevico 509^V18
Competition 32, 141, 397^V18
Compigné, David, lantern clock 20^V18
Complete British Clocks, by B. Loomes, reviewed 659^V18
Comtoise clocks 86^V18
Concord, wrist-watch manufacturers 664^V18
Congreve, William, ^V18
extreme detached' escapement clock 605^V18
rolling-ball clock 438-439^V18
Coningsby, Lines, turret clock 391^V18
Connecticut 'marine clocks' 549^V18
Connolly, Brian, Portrush sundial 638^V18
Constable see Gray & Constable ^V18
Continental Clocks & Watches, exhibition 34, 254^V18
Cook, Captain James 147^V18
Cooke of York, turret clock 284^V18
Cooke, B. & Son 203^V18
Cooke's Patent Sunclock 557, 671-672^V18
Cooksey, Shugart & Engle, The Official Price Guide to Watches, reviewed 312^V18
Cope see Molyneux & Cope ^V18

Copernicus 369^V18
Copeland & King, astronomical clock 668^V18
Corbishley, B., A Deacon Musical Clock 529-541^V18
Corcoran, Susan, Clock Dial Repainting, lecture 517^V18
Corgny, Duc de 215^V18
Comford, John 291^V18
Cornier of Paris, mantel clock, stolen 94^V18
Cornish, Robert 289^V18
Corte San Gottardo turret clock 488^V18
Coulray, Julien, watchmaker 510^V18
Coulam-An-Brown, William, clock given by 393^V18
Courtrai, turret clock 485, 493. ^V18
Coventry Association of Watchmakers 403^V18
Coventry Watch & Tool Society 404^V18
Coventry Watch Movement Company 403-404^V18
Coventry watchmaking 657-658^V18
Cowan, James, clockmaker 422, 629
   tavern clock 421
Cowdray House, turret clock 287
Cowle, George, bracket clock, stolen 444
Cox, James, clockmaker 86
   bracket clock 307
   bracket clock with automata 369
   mantel clock 168
Crabtree, Geoffrey, A Presentation Watch 178-180
Crake, Edward 292
Cramber, R. B., watch No.300, stolen 676
Cranbrook church, turret clock 288
Crane, Gurney, Clock Case Making, lecture 635
Cremora, turret clock 513
Crisp of? 301
Cristalino, el planetary clock by Torriano 513
Crosthwaite, John, watch No.1047, stolen 676
Crow, Edward, clockmaker 93
Crowle, Linci, turret clock 392
Crowley, Finbarr, reports 60, 283, 391, 519-520, 638
Crosthwaite, of Dublin, regulator 520
   regulator, Armagh Observatory 638
Crouch, Edward, longcase clock 471
Cross, Francis, clockmaker 93
Crosthwaite, John, watch No.1047, stolen 676
Crysler, Jonathan, water clock 315
Cuckfield church, turret clock 290
Cuckoo clock, Beha, J. B. 256
Culford church, turret clock 284
Culzean Castle 515
Cumming, Alexander, watchmaker 186
Cummings, Charles, regulator 32
Cuss, Terence, Camerer, Camerer Cuss & Co., 1788-1988, reviewed 85
Cutmore, M., Watches 1850-1980, reviewed 545-547
CW, punch mark 297
CW, crown above, casemaker's mark 90
CWP, engraved on a lantern clock 321, 322
   monogram .197
Cyphers, by Col. William Parsons 197
Cyprus, King of 489
D
Dagger-watch 510
Daguerotypes of clocks 92
Dalbeatties, St. Peter's church 180
Daigleish, Lawrence, clockmaker 422
Dalglish, Lawrence, turret clock 515
Daloule, James, bracket clock, stolen 444
Dancer, automaton by Capobianco 511
Daniel, Christopher, letter (Sundial Society) 88
Daniels, George, watchmaker 369, 544
   The Freemen of the Worshipful Company of Clockmakers, 1631-1984, reviewed 192
Dante, Paradiso 487
Dareau, Dr. M., Origins of Clockmaking in Scotland, lecture 632
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Darker, Samuel 530\textsuperscript{V18}
Darlington, South Park Lodge, turret clock 387\textsuperscript{V18}
Darwin, John, Big Ben, lecture 61\textsuperscript{V18}
Davies see Litherland Davies & Co.\textsuperscript{V18}
Davies, Dr. Alun C.,\textsuperscript{V18}
book reviews 314, 657\textsuperscript{V18}
The British Horological Institute 1848-1914, lecture 55\textsuperscript{V18}
James Ritchie's Shop Records, lecture 518\textsuperscript{V18}
Old and New Technology in Watchmaking in Coventry 1850-1921, 397-410\textsuperscript{V18}
reports 281-283, 390-391, 638\textsuperscript{V18}
Davies, I. F., letter (AHS-BHI amalgamation) 670\textsuperscript{V18}
Da Vinci see Leonardo\textsuperscript{V18}
Davis, James, engraver 608\textsuperscript{V18}
Davis, John, lantern clock 281\textsuperscript{V18}
Davis, William, longcase clock 310\textsuperscript{V18}
Dawson, Percy G., biography 384\textsuperscript{V18}
Deacon, Samuel, longcase clocks 668\textsuperscript{V18}
Deacon, Musical Longcase Clock, by B. Corbishley 529-541\textsuperscript{V18}
Dean, Norman, letter (Windmills of London) 9\textsuperscript{V18}
Deharbes, Simon, bracket clock 460\textsuperscript{V18}
Decimal Time, exhibition 368\textsuperscript{V18}
Dehi, Sultan of 490\textsuperscript{V18}
De La Fons of London, regulator 515\textsuperscript{V18}
Delander, Daniel,\textsuperscript{V18}
bracket clock 580\textsuperscript{V18}
longcase clock, walnut case 11\textsuperscript{V18}
longcase clock, lacquer case 242-243\textsuperscript{V18}
Delong escapement 86\textsuperscript{V18}
Denière & Matelin, mantel clock No.340325, stolen 94\textsuperscript{V18}
Dennison, E. B. see also Grimthorpe, Lord\textsuperscript{V18}
Dennison, E. B. 55\textsuperscript{V18}
Great Exhibition clocks 168\textsuperscript{V18}
Westminster clock 388\textsuperscript{V18}
Dent see also Arnold & Dent\textsuperscript{V18}
Dent of London,\textsuperscript{V18}
chronometer, marine No.3105 122\textsuperscript{V18}
mantel clock No.1673, stolen 208\textsuperscript{V18}
longcase clock No.873 205\textsuperscript{V18}
railway clocks 37, 41, 44\textsuperscript{V18}
turret clock 168\textsuperscript{V18}
wall clock No.17796, stolen 95\textsuperscript{V18}
Dent, E.J., alterations to Hardy regulator 610, 614\textsuperscript{V18}
Dent, E. & Co., regulator 549\textsuperscript{V18}
Dent, Frederick, Westminster clock 388\textsuperscript{V18}
Dent, M. F., chronometer watch No.32573 85, 686\textsuperscript{V18}
Dereham, William, memorial 325\textsuperscript{V18}
Desbois & Wheeler, bracket clock, stolen 445\textsuperscript{V18}
bracket clock, miniature pair 688\textsuperscript{V18}
Desk clock, Cole, Thomas, No. 1933 570\textsuperscript{V18}
Detroit Historical Museum 667\textsuperscript{V18}
Dial,\textsuperscript{V18}
astrolabic 74, 253, 368\textsuperscript{V18}
astronomical see Astronomical Indications\textsuperscript{V18}
decimal 548\textsuperscript{V18}
differential 687\textsuperscript{V18}
double 103, 221, 400\textsuperscript{V18}
enamel, on a clock 112\textsuperscript{V18}
equation, see Equation of time indication

- fifteen minute: 184
- glass: 133
- hybrid: 74
- Italian hours: 74
- painted, ballooning scene: 56
- painted spandrels: 16
- quadruple: 573
- revolutionary: 548
- shutter: 687
- skeletonised chapter ring: 5, 133, 349, 354
- sun and moon: 687
- tachometer: 19, 359
- wandering hour: 687
- world time: 103

Dial maker:
- Walker & Hughes: 443
- Dial Repainting, lecture by Susan Corcoran: 517
- Evolution of English Watch, lecture by P. Tuck: 631

Diary of Martin Sanuto: 511
- Dicker of Silchester, longcase clock: 281
- Dicker, Benjamin, longcase clock stolen: 679
- Dickson of: 301
- Dijon, turret clock: 493
- Dingwall, Dr. Eric: 246
- Dionisio da Viterbo, clockmaker: 502
- Divided Circle, The, by J. A. Bennett, reviewed: 311
- Dodd of?, railway clocks: 3
- Dollond of London, barometer: 22
- Donaldson, J. & P., regulator: 435
- Dondi, Giovanni de, Astrarium: 495, 508, 512
- replica of Astrarium: 484
- Dondi, Jacopo, turret clock: 485, 490
- Dondi, Novello, clockmaker: 485
- turret clock: 492
- Donegan of?: 301
- Donne, Louis, watch No.800: 356
- Donne, Robert, longcase clock: 356
- Dou, Gerard, artist: 430
- Douglas, Sir James: 144
- Dover castle turret clock: 168, 287
- Doviziolis, father and son, turret clock: 513
- Dowler, Dr. Graham, obituary: 257
- Drabble, Joshua, bracket clock: 228

Drawings, Gould, Commander Rupert, Harrison's H4 263, 267
- Harrison, John, H4: 272
- Penney, David, various: 73, 106, 339, 375
- Dresden, Mathematisch-Physikalische Salon: 370, 505
- Drew of London bracket clock: 386
- Drinkwater & Aked, Oronce Finé's Book of Solar Horology, reviewed: 660
- Drocourt of Paris, carriage clock No.16591: 468
- Drysdale, William, clockmaker: 422
- Drysdale, William & Son, watch paper: 419
- Dublin, longcase clocks: 435
- Dubois Watch Case Company: 664
- Duchesne, Pierre, Clock Restored, lecture by Dr. K. Anderton: 516

Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Duley, A. I. reports 58, 167, 390, 518, 635
Dundas, Henry 418
Dundas, Sir Robert 628
Dunlap, Andrew, longcase clock 183, 515
Dunlop, Conyers, bracket clock 310
Dunning, William 288-289
Dunsink Observatory 520
Durand see Durandus
Durandus, Bishop Gulielmus, Rational Divinorum Officiorum 486
Duranti see Durandus
Dürer, Albrecht, portrait of Kratzer 73
Durham University, Hardy regulator 624
Durward, Joseph, clockmaker 422
Dutch clockmaking 60
Dutens, Peter watch No 336, stolen 676
Dutton, see also Mudge & Dutton
Dutton, Matthew, clockmaker 107
Dutton, Matthew & Thomas, bracket clock 450
Dutton, Thomas 107
Dutton, William 107
Dutton, William ‘Regulator’ 126
Duxford, Suffolk, turret clock 387
Dynadromic Free Pendulum, lecture by Peter Wills 62, 166
Dysart, The Earl of 616, 628
Dyson, John & Son, sale of shop 600-602
Dyson, Charles Frederick 600
Dyson, George 601
Dyson, Grace 601
Dyson, Harry 600-601
Dyson, John de Beau Percival 600
Dyson, Kenneth 600-601
Dyson, Lucy Anne 600
Dyson, Robert 600
Dziewulski, Professor 619

E
Earnshaw & Arnold
Explanations of Timekeepers, facsimile reviewed 661
Earnshaw, Thomas
    escapement model, illustrated 663
    pocket chronometer No.665/9117 455
    pocket chronometer No.1031/3924 348
    regulator, Armagh observatory 520, 638
    regulator signed Catherwood 222, 280
East see also Fromanteel & East
East, Edward, bracket clock (Terry Collection) 184
East, Edward, bracket clock, stolen 326
East, Edward, longcase clocks, grande sonnerie 309
East, Edward, watch 606
East Horsley church, turret clock 287
Ebauche maker see also watch movement maker
Ebauche maker, Wycherley 669
Ebsworth, John, longcase clock 5
<table>
<thead>
<tr>
<th>Term</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>watch</td>
<td>162</td>
</tr>
<tr>
<td>Edinburgh, Calton Hill Observatory</td>
<td>626</td>
</tr>
<tr>
<td>Edinburgh Castle, one-o'clock-gun</td>
<td>626</td>
</tr>
<tr>
<td>Royal Scottish Museum, Edinburgh, regulator</td>
<td>617</td>
</tr>
<tr>
<td>Edsbo Museum</td>
<td>667</td>
</tr>
<tr>
<td>Edwards, Evan, report</td>
<td>520</td>
</tr>
<tr>
<td>Edwards, Robert, report</td>
<td>520-521</td>
</tr>
<tr>
<td>Edy, P., watch</td>
<td>85</td>
</tr>
<tr>
<td>Ehrhardt, William</td>
<td>545</td>
</tr>
<tr>
<td>Eiffe, James Sweetman</td>
<td>203</td>
</tr>
<tr>
<td>Einstein, Albert, blackboard</td>
<td>167</td>
</tr>
<tr>
<td>Ekström, Daniel, instrument maker</td>
<td>412</td>
</tr>
<tr>
<td>Eldridge, Richard</td>
<td>290</td>
</tr>
<tr>
<td>Electric clocks, anonymous</td>
<td>207</td>
</tr>
<tr>
<td>ATO</td>
<td>61</td>
</tr>
<tr>
<td>Chronostat III</td>
<td>61</td>
</tr>
<tr>
<td>Clifford, C. F., tuning-fork escapement</td>
<td>62</td>
</tr>
<tr>
<td>Ever Ready mantel clock</td>
<td>28</td>
</tr>
<tr>
<td>Hatot, Leon, patent</td>
<td>61</td>
</tr>
<tr>
<td>JECO</td>
<td>62</td>
</tr>
<tr>
<td>Junghans</td>
<td>62</td>
</tr>
<tr>
<td>'Kennedy Company</td>
<td>195</td>
</tr>
<tr>
<td>Kienzle</td>
<td>62</td>
</tr>
<tr>
<td>Koosen &amp; Johnson.</td>
<td>319</td>
</tr>
<tr>
<td>Kundo</td>
<td>61</td>
</tr>
<tr>
<td>Kundo Spacetimer</td>
<td>324</td>
</tr>
<tr>
<td>Lavet, Marius</td>
<td>61</td>
</tr>
<tr>
<td>Murday, No.204</td>
<td>101</td>
</tr>
<tr>
<td>Orel-Micro Electric Ltd.</td>
<td>61</td>
</tr>
<tr>
<td>Radio controlled clocks</td>
<td>323</td>
</tr>
<tr>
<td>Railway station systems</td>
<td>521</td>
</tr>
<tr>
<td>Shepherd master clock</td>
<td>168</td>
</tr>
<tr>
<td>Smith's Sectronic</td>
<td>61, 62</td>
</tr>
<tr>
<td>Steuart, Alexander</td>
<td>319</td>
</tr>
<tr>
<td>Synchronome Master Clock</td>
<td>201</td>
</tr>
<tr>
<td>Telefonbauer &amp; Normalzeit</td>
<td>522</td>
</tr>
<tr>
<td>Electronic Timekeeping, The Development of lecture by David Munro</td>
<td>370</td>
</tr>
<tr>
<td>Ellicott, John</td>
<td>388</td>
</tr>
<tr>
<td>bracket clock</td>
<td>310, 570</td>
</tr>
<tr>
<td>bracket clock, musical</td>
<td>338</td>
</tr>
<tr>
<td>compensated pendulum</td>
<td>315</td>
</tr>
<tr>
<td>longcase clock, walnut</td>
<td>4</td>
</tr>
<tr>
<td>longcase clock</td>
<td>123</td>
</tr>
<tr>
<td>watches from Richard Wright</td>
<td>198</td>
</tr>
<tr>
<td>Ellicott &amp; Company, pocket chronometer No.9001</td>
<td>472</td>
</tr>
<tr>
<td>Elliott, James, materials dealer</td>
<td>46</td>
</tr>
<tr>
<td>Elliott Peter The Great Clock at the Palace of Westminster, lecture</td>
<td>378</td>
</tr>
<tr>
<td>Ellison, John, letter (Richardson of Howden)</td>
<td>443</td>
</tr>
<tr>
<td>Emanuel &amp; Sons, railway clocks</td>
<td>37</td>
</tr>
<tr>
<td>Emery, Josiah,</td>
<td>666</td>
</tr>
<tr>
<td>chronometer, Prague Observatory</td>
<td>339</td>
</tr>
<tr>
<td>lever escapement</td>
<td>339</td>
</tr>
<tr>
<td>watch No.777</td>
<td>185-186</td>
</tr>
<tr>
<td>watch No.947</td>
<td>339</td>
</tr>
<tr>
<td>watch No.1094</td>
<td>217, 339</td>
</tr>
<tr>
<td>Emmoser, Gerhard, globe</td>
<td>163</td>
</tr>
</tbody>
</table>
Enamel watch case, V18
anonymous, Blois 567\V{18}
Huaud, Les Frères 677\V{18}
Ilbery of London, watch No.6267 677\V{18}
Engle see also Cooksey, Shugart & Engle\V{18}
Engle, Stephen, monumental clocks 667\V{18}
English Clocks in the Fitzwilliam Museum, lecture by Tom Robinson 57\V{18}
English Dial Clock, The, by Ronald Rose, reviewed 188\V{18}
English Watchmaking, lecture by David Penney 58\V{18}
Ennis, Joe, American Watches, lecture 519\V{18}
Epitaphs 205, 324\V{18}
Equation of time indication,
Berthoud, Ferdinand, regulator 224\V{18}
Dent of London, chronometer watch 85, 686\V{18}
Dutton, William, regulator 183\V{18}
Lovelace, Jacob, clock 183\V{18}
Patek Philippe & Co., Calibre '89 239\V{18}
Robin of Paris, mantel regulator 459\V{18}
Street, Richard, watch- back engraving 185\V{18}
Williamson of London, longcase clock 361, 633\V{18}
Equatorial instrument, Troughton of London 520\V{18}
Erghum, Bishop of Wells 168\V{18}
Ernst, Peter, regulator No.434 414\V{18}
Eroica syphonium 385\V{18}
Erotic watch 444\V{18}
Erringtons of Coventry 404, 407\V{18}
Escapement see also Tourbillon\V{18}
Escapement,
Bond, isodynamic 521\V{18}
Breguet, A L dead-beat verge 667\V{18}
Congreve, William, 'extreme detached' 605\V{18}
cylinder 571\V{18}
cylinder, ruby 21\V{18}
cross-beat 1, 33\V{18}
Cummins, Charles 32\V{18}
Delong 86\V{18}
Emery, lever 339\V{18}
Fasoldt, Charles 521\V{18}
Foggo, James, lever 674\V{18}
Grant, lever 106\V{18}
grasshopper 150\V{18}
Grimthorpe, gravity 222\V{18}
half dead- beat 182\V{18}
Holmden's detached 437-438\V{18}
Lange, gravity 674\V{18}
Morton, G. patent lever 59\V{18}
Mudge, gravity 280\V{18}
Newey, pinwheel 284\V{18}
Escapement (cont)\V{18}
Reid, dead-beat 181\V{18}
Riefler 280\V{18}
Savage, two-pin lever 93, 549\V{18}
Thicthener W.J., detent 211\V{18}
tic-tac 133, 143-4, 581, 598\V{18}
verge, dead-beat 526-528\V{18}
verge, single-plane 516\V{18}
virgule 217\V{18}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Escapement, Clock and Watch, lecture by J. Arnfield 164\textsuperscript{V18}

Escapement maker, Hulme, John 657\textsuperscript{V18}

y, Prince of 113\textsuperscript{V18}

Esterle, John, clockmaker 555\textsuperscript{V18}

Ethics, a code for restorers 195\textsuperscript{V18}

European Watch & Clock Co., wrist-chronograph No.30141 87A 219\textsuperscript{V18}

Evans, Jeremy, letter (CWP monograms and cyphers) 197-198\textsuperscript{V18}

Ever Ready, mantel clock (electric) 28\textsuperscript{V18}

Exeter, Earl of 28\textsuperscript{V18}

Exhibition.\textsuperscript{V18}

Amsterdam Nieuwe Kerk, Images of Time 606\textsuperscript{V18}

Besançon, Decimal Time 368\textsuperscript{V18}

Buckingham Palace, A Royal Miscellany 605\textsuperscript{V18}

Burghley House, Historic Timepieces 28\textsuperscript{V18}

Bury St. Edmunds, Moyse Hall, Stands the Church Clock 142, 284\textsuperscript{V18}

Cambridge, Whipple, Museum Ivory Sundial of Nuremberg 1500-1700 189\textsuperscript{V18}

Harvard University, The Most Reliable Time 32, 520, 521\textsuperscript{V18}

La Chaux De Fonds, 1968 31\textsuperscript{V18}

London, Goldsmiths' Hall, Paul De Lamerie 484\textsuperscript{V18}

London, Great Exhibition, 1851 55\textsuperscript{V18}

London, Society of Arts, 1850 606\textsuperscript{V18}

Madrid, 1965 31\textsuperscript{V18}

Mindelheim, Turret Clocks 370\textsuperscript{V18}

Paris, 1889 403\textsuperscript{V18}

Paris, 1900 213\textsuperscript{V18}

Pforzheim, 1967 31\textsuperscript{V18}

Prescot Museum, Continental Clocks & Watches 34, 109, 124, 254\textsuperscript{V18}

Upton Hall, BHI National 1989 370\textsuperscript{V18}

Waltham Company, Inventions 1885 403\textsuperscript{V18}

York, 1889 387\textsuperscript{V18}

Explanations of Time-Keeper, facsimile, reviewed 661\textsuperscript{V18}

Explorers' watches 423-425\textsuperscript{V18}

Eye-glass watch 510-511\textsuperscript{V18}

F

Faber, Unger & Blauer, American Wrist-Watches, reviewed 663\textsuperscript{V18}

Fairer, Joseph, railway clocks 37, 38\textsuperscript{V18}

Fairfax, The Hon. B. 476\textsuperscript{V18}

Fairfax House, York 184\textsuperscript{V18}

Fanzago, Pietro, turret clock 513\textsuperscript{V18}

Farley, Thomas, clockmaker 93\textsuperscript{V18}

Farcom, John, clockmaker 287\textsuperscript{V18}

Farquharson, Alexander, clockmaker 422\textsuperscript{V18}

Farrington collection 388\textsuperscript{V18}

Fasoldt, Charles, Escapement, lecture by Ernest Martt 521\textsuperscript{V18}

Fasoldt, Charles regulator No.3 195\textsuperscript{V18}

Faversham, Kent, clock and watchmakers 93, 95\textsuperscript{V18}

Fenn of Boughton-under-Blean, clockmaker 94\textsuperscript{V18}

Fenn, Robert, longcase clock, stolen 558\textsuperscript{V18}

Feodosia turret clock 495\textsuperscript{V18}

Ferguson, James, astronomer 668\textsuperscript{V18}

Ferlite, G., watch 162\textsuperscript{V18}

Fermat, mathematician 171\textsuperscript{V18}

Ferrara, Marquis of 498\textsuperscript{V18}

Ferrers, John, longcase clock 549\textsuperscript{V18}

Fiamma, Galvano 488\textsuperscript{V18}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Filopono, Francesco 500

Finé, Oronce, First Book of Solar Horology 1532 translation by Peter Drinkwater & Charles Aked, reviewed 660

Finlaison, John, memorial 325

Firenze see Florence

Fish, Henry, longcase clock 351, 464

Fisher, John, clockmaker 555

Fitzroy, Admiral, barometer 86

Flaggate, John, bracket clock 28

watch 28

Flamenville, Mr. 528

Fletcher, D.W. drawings of Harrison's Hi 149

Flinn, John, watchmaker 657

Florence Cathedral, turret clock 496, 499

Florence, Palazzo di Vecchio, turret clock 503

Florence, Uffizi Gallery 509

Foggo, James, chronometer No.18666 673-674

Foote, Richard, clockmaker 93

Forbes, Tom, Horological Tools, lecture 637

Ford, Thomas, lantern clock, stolen 445

Forest, John, watches 434

Forestier, Leon, watchmaker 658

Forestville Hardware & Clock Co. 165

Forestville Manufacturing Co. 163, 165, 281

Forestville Manufacturing Company, The, lecture by Ken Roberts 281

Form watch, 281

harp 210

mandolin 210

shell 185

Foster, George, letter (Giles Coates) 318

letter (FS patent watches) 669-670

Foulkes, Robert, collection 196

Four-glass clock, Dent of London, No.1673 208

Four-hundred-day clock, anonymous, stolen 558

Francis I, of France 510

Freeport Watch Company 549

Freemersdorf obituary 31, 370

French Clock and Watchmakers lecture by Jean-Claude Sabrier30

French Clocks, lecture by Justice Shepro 30

French Clocks in the Getty Museum, lecture by Gillian Wilson 30

Fried, Henry, book reviews 428, 542, 663-666

Escapements I Have Known, lecture 521

The Watch Repairer’s Manual reviewed 193

Friedberg Museum 434

Friesland clock stolen 558

Friess, Peter, The Work of Philipp Matthaus Hahn, lecture 370

Frodsham see also Parkinson & Frodsham

Frodsham of London, 310

carriage clock 310

carriage clock No.2294 310

carriage clock No.2297 310

deck watch 281

rolling ball clock 438-439

tourbillons 544

Frodsham, Charles, 310

bracket clock 310

chronometer watch No.08442 127
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

chronometer watch No.190119/09128 17
mantel clock 281
watch 436
watch with barometer 667
Frodsham & Son, railway clocks 40, 41
Froissart, Jean, chronicler 485
Fromanteel & East, table clock 309
Fromanteel of London, bracket clock 309
Fromanteel, Abraham, bracket clock 355
Fromanteel, Ahasuerus, bracket clock 26
longcase clock (attributed) 26
longcase clock, Museum of History of Science Oxford 167
Fromanteel Johannes, longcase clock 347
Fromanteel & Clarke, bracket clock, grande sonnerie 310
Fromanteel & Clarke, bracket clock, stolen 208
FS patent No.420 669-670
Fulford church, turret clock 284
Fulton, John, orrery 53, 54
Furniture see Regional Furniture Society
Galle of Paris, mantel clock 227
Ganney, Henry 55
Garnier, Richard, Measuring Time, lecture 59
Garniture, anonymous French 121
Garon, Peter, bracket clock 310
Gartly of Aberdeen, pocket chronometer 106, 186
Gates, Thomas, clockmaker 93
Gayá, Rafael Soler Diseña y Construccion de Relojes de Sol, reviewed 312
Gelis, Edouard, collection 667
Gennari, Paolo, turret clock 513
Genoa, medieval timekeeping 314
Genoa, St. Lorenzo, turret clock 493
Gent's of Leicester, Pulsynetic master clocks 522
Gent, Eric, clockmaker 550
George III of England 520, 573
Gerds, Martin, watch, stolen 678
Gerrans, F.C., clockmaker 167
Geijer, J. Paul, Museum 30
Gibbons, M. R., reports 59, 634-635
Gilbert see Clarke, Gilbert & Brown
Gillanders Roddy Veneers & Marquetry, lecture 635
Gillet & Bland, railway clock 37
Gillet & Bland, turret clock 389
Gillet & Company, railway clocks 46
Gillet & Johnson, turret clock 390
Gilliszoon Willem clockmaker 508
Gillows of Lancaster 316
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Gilmore, Harry, Mainsprings, lecture 390V18 reports - 60, 281, 282, 390, 518-519V18
Gilpin, John 608V18
Giovanni de Caldiere, turret clock 485, 492V18
Giovanni degli Organi 493V18
Giraldi see GyraldusV18
Girard Perregaux 544V18
Gisboro, Thomas, longcase clock, stolen 445V18
Gitton, Bernard, clockmaker 315V18
Giuho, Leonardo da Vinci’s assistant 509V18
Glasgow, Garnet Hill Observatory 616-617V18
Glasgow, Transport Museum, Fulton orrery 53-54V18
Glasgow, D. 55V18
Glashütte Museum 667V18
GLL, inscribed on a stolen watch 95V18
Globe
   Burgi, Jost 31V18
   Emmoser, Gerhard 163V18
   Heiden, Christian 163V18
   Juvet, Louis 86V18
Globe, mechanical celestial 162V18
   Roll & Reinhold 163V18
   Tuttel, Thomas 197V18
Globes, Mechanical Celestial at Kassel4 by Baldwein and Burgi, lecture by John Leopold 386V18
Godier, Alan, report 385V18
Goffe, William watch No.799 675V18
Goldsmith, Thomas, watch No.3976 556V18
Goldsmiths see National Association of Goldsmiths' & Silversmiths' Company, V18
   bracket clock, stolen 558V18
   Gom, Daniel, clockmaker 85V18
   Gonzaga, Cardinal Francesco 501V18
   Gonzaga, Isabella 510V18
   Gooch, Horace 628V18
   Good, Richard, book reviews 661, 663V18
   Goode, Charles, clockmaker 88, 198V18
   letter 439V18
   Goodhart, Jacob, clockmaker 555V18
   Goodrich of Forestville Manufacturing Co. 165V18
   Gordon, Duchess of 204V18
   Gordon, William see Fyvie, Laird ofV18
   Gorham of London, clockmaker 624V18
   Gorham, James, bracket clock, stolen 326V18
   Gorla, A., astronomical clock reconstruction 500V18
   Gosling, Jos(eph), watch No.1311, stolen 676V18
   Goude, Robert, clockmaker 195V18
   Gout, Penelope, The Ivory Sundials of Nuremberg, 1500-1705, reviewed 189V18
   Gould, Christopher, 310V18
   bracket clockV18
   longcase clock, stolen 94V18
   longcase clock 119V18
   longcase clock, grande sonnerie 309-310V18
   Gould, Commander Rupert, drawings of Harrison H4 263, 267V18
   Goullons of Paris, chaise watch 185V18
   Gout, Ralph, bracket clock No.178 310V18
   Graham, George see also Tompion & GrahamV18
   Graham, George, V18
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

bracket clock ((1'erry collection) 184\textsuperscript{V18}  
bracket clocks Nos. 488 & 721 310\textsuperscript{V18}  
bracket clock No.618 579\textsuperscript{V18}  
exters 67-71, 78\textsuperscript{V18}  
longcase clock 668\textsuperscript{V18}  
longcase clock, Culzean Castle 515\textsuperscript{V18}  
longcase clock No.637 115\textsuperscript{V18}  
pendulum 279\textsuperscript{V18}  
regulator, Uppsala Observatory 411-416\textsuperscript{V18}  
table-timer 520\textsuperscript{V18}  
tavern clock No.575 57\textsuperscript{V18}  
watch, forgery, stolen 676\textsuperscript{V18}  
Grande Sonnerie, An Inventory of English Clocks, by John Winterton 307-310\textsuperscript{V18}  
Grande sonnerie, anonymous Viennese mantel clock 234\textsuperscript{V18}  
anonymous Vienna regulators 110, 234\textsuperscript{V18}  
Augustin of Presburg, Vienna regulator 458\textsuperscript{V18}  
Bergier Le Jeune, mantel clock 255\textsuperscript{V18}  
Dent, M. F. pocket chronometer 686\textsuperscript{V18}  
Holmberg, Anton, Vienna regulator 574\textsuperscript{V18}  
Knibb, Joseph, bracket clock 84\textsuperscript{V18}  
Knibb, Joseph, bracket clock (silver mounts) 598\textsuperscript{V18}  
Knibb, Joseph, clock 165\textsuperscript{V18}  
Knibb, Joseph, longcase clock 25, 84\textsuperscript{V18}  
Markwick, James ? longcase clock 79, 84\textsuperscript{V18}  
Parkinson & Frodsham watch 101\textsuperscript{V18}  
Patek Philippe & Co., Calibre 89 239\textsuperscript{V18}  
Tompion, Thomas, longcase clock 84\textsuperscript{V18}  
Tompion, Thomas, bracket clock (silver mounts) 462\textsuperscript{V18}  
Tompion & Banger, bracket clock 57\textsuperscript{V18}  
Grant, Fleet Street, chronometer watch No.1732 106\textsuperscript{V18}  
watch No.2982 186\textsuperscript{V18}  
Graupman, Emile, Le Finissage de la Boite de Montre, reviewed 661\textsuperscript{V18}  
Gravity calculations 78\textsuperscript{V18}  
Gray, John, watch No.1391, stolen 677\textsuperscript{V18}  
Gray, Lord of Kinfuans 626\textsuperscript{V18}  
Gray & Constable, watch No.531, stolen 677\textsuperscript{V18}  
Great Exhibition, London 1851 38\textsuperscript{V18}  
Green, Robert, clockmaker 422\textsuperscript{V18}  
Greenwich Royal Observatory 146-147\textsuperscript{V18}  
Hardy regulators 608, 610-611, 614\textsuperscript{V18}  
Greenwood & Son, railway clocks 37\textsuperscript{V18}  
Gregg, Francis, watch No.599, stolen 676\textsuperscript{V18}  
Gregg, Richard, bracket clock 310\textsuperscript{V18}  
Gregory, James, longcase clock 281\textsuperscript{V18}  
turret clock 281\textsuperscript{V18}  
Gretton, Charles, bracket clock with alarm 580\textsuperscript{V18}  
Grey, James, clockmaker 422\textsuperscript{V18}  
Gribelin, Abraham, watch 162\textsuperscript{V18}  
Gribelin, Simon, engraver/designer 197\textsuperscript{V18}  
Gridiron, see also pendulum 149\textsuperscript{V18}  
Gridiron, Harrison H1\textsuperscript{V18}  
Griffiths of London, bracket clock, stolen 444\textsuperscript{V18}  
Griffiths, R. John, book review 432\textsuperscript{V18}  
Grimaldi & Johnson, bracket clock 13\textsuperscript{V18}  
Grimshaw, Frederick, materials dealer 45\textsuperscript{V18}  
Grimshaw, James, materials dealer 45\textsuperscript{V18}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Grimshaw, W. & Son, materials dealer 45

Grimshaw, W. J., materials dealer 45

Grimshaw & Baxter, railway clock supplier 37, 45, 46

Grimthorpe, Lord see also Dennison, E. B.

Grimthorpe, Lord, gravity escapement 222

Grinkin, Robert jnr., watch 185

Grötzsch, Dr. Helmut, obituary 370

Gruen watches 86, 434

Gubelin of Lucerne, watch 567

Guido, Pietro, watchmaker 510

Guillaume, Charles 195

Guillaume, Louis Alexander 436

Guinand 664

Gurney clock, Norwich 196, 631-632

Guthart see Goodhart

Gwei-djen see Needham, Gwei-djen, Combridge & Major

Gyraldus text

H

Habrecht, Isaac, carillon clock 1589 28, 29

Hackett, lithograph 516

Hagans, Orville, R., obituary 140

Hahn Philipp Matthäus lecture by Peter Friess 370

Hahn; Philipp Matthäus, calculating machine 195

planetarium 86

Haley, Charles, marine chronometer 612

Haley, Thomas, bracket clock, stolen 678

Hall of Heavenly Records, by Needham, Gwei-djen, Combridge and Major, reviewed 187

Hall, Sir Benjamin 389

Haley, Thomas, longcase clock 183

Halfraufe, Carl 297

Ham House, Knibb longcase clocks 307

Hamilton, Dr. James, Astronomer 519

Hamilton, Duke of 182

Hamilton Electric Watch, The Watch of the Future by René Rondeau, reviewed 432

Hamilton, watch, model No. 2974B 196

Hammitt, James, watch, stolen 94

Hammond, John 289

Hammond, Samuel 289-290

Hampton Court Palace Clock, by Helge B.J. Karlsen 72-77

Hampton Court Palace, turret clock 492

Hands, Making and Piercing of; lecture by Miles 167

Hannah, J., reports 55, 165, 278-279, 387-388, 515-516, 632

Hanson, Edward, report 385-386

Hardeman, Edwin Samuel 389

Hardeman, Samuel, clockmaker 389

Hardeman & Nash 389

Hardy, William and his Spring-Pallet Regulators, by Charles Allix 607-629

Hardy, William, addresses 610

American Coastal Survey clocks 615-616

Harrison's brass or uses 616

inventions 612-613

letters to the board of longitude 608, 610

marine chronometer 608

marine chronometers for Hassler 612

regulator, Cambridge, Maddingly Road 620-621
regulator, The Cape Observatory 620^V18
regulator, Fyvie Castle Observatory 619^V18
regulator, Glasgow, Garnet Hill^V18 Observatory 616-617^V18
regulator, Greenwich Royal Observatory 1811 614^V18
regulator, Hussey's Observatory 624^V18
regulator, Jensen s 622-624^V18
regulator, Markestown Observatory 624^V18
regulator, month-going ca. 1813 616^V18
regulator, No.2 613^V18
regulator, Dr. Pearson's 1816 618^V18
regulator, RMA Sandhurst 618^V18
regulator, Seaton Observatory 615^V18
regulator, Sussex, Duke of 624^V18
regulator, Sydney, Paramatta Observatory 618^V18
regulator, ca.1814 (Time Museum) 617-618^V18
regulator, West Point 615^V18
regulator, Wilno Observatory 619^V18
regulator, Wrottesley's 624^V18
regulator, various 222, 316, 515^V18

Harpur, Henry, longcase clock 129^V18
watch 687^V18

Harris, Dennis, book reviews 313, 432^V18
Harris Lord collection 142, 437^V18
Harrison, Edward, watch No.490, stolen 678^V18
Harrison, James (IV), turret clock 394^V18
Harrison, John and his Timekeeper H1, lecture by Jonathan Betts 370^V18
Harrison, John, The Regulators of, lecture by Andrew King 635^V18
Harrison, John, The Technology of his Portable Timekeepers by A. G. Randall 145-160, 261-277^V18
Harrison, John, The Principles of Mr. Harrison's Timekeeper facsimile, reviewed 661^V18
Harrison, John, ^V18
brass from the Board of Longitude 616^V18
performance of marine timekeepers 146^V18
regulator (R.A.S.) 612^V18
regulator 631-632^V18
timekeeper H1 construction of 147^V18
timekeeper H1 copy by Len Salzer 369^V18
timekeeper H1 drawings of 148-9^V18
timekeeper H2 drawings of 151-4^V18
timekeeper H2 mechanism 150-4^V18
timekeeper H3 drawings of 156-9^V18
timekeeper H3 isochronism 155^V18
timekeeper H3 isochronal corrector 159-60^V18
timekeeper H3 mechanism 155, 225^V18
timekeeper H4 balance and spring 268^V18
timekeeper H4 copies 147^V18
timekeeper H4 escapement 269-273^V18
timekeeper H4 mechanism 262-274^V18
timekeeper H4 remontoire 196, 264^V18
timekeeper H4 sea trials 146-147^V18
timekeeper H4 temperature compensation 268^V18
timekeeper H5 147^V18
timekeeper H5 escapement 274-275^V18
Harrison, John, ^V18
timekeeper H6? illustration 636^V18
wooden regulators 145^V18
Harvard, Fogg Art Museum, clocks 521^V18
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006
lecture by David Penney 370, 635
Horsemans see Quare & Horsemans
Horwood, Charles, longcase clock 358
Hotchkis, John, inscribed on a stolen clock 558
Houghton of? 301
Houri, J. F. 543
Howard, Bernard, portrait 67
Howard, Edmund, turret clock 392
Howden, James, clockmaker 422
petition 418
Howden, James junior, clockmaker 422
Howden, William, 422
Huaud, Les Freres, watch case 675, 677
Huber, Martin, Die Uhren von A. Lange & Söhne Glashütte Sachsen, reviewed 432
Hubert, Estienne, watch, stolen 677
Hubert, James, watch No.640, stolen 676
Huckle, Mr. 551
Huggerford, Ignatius, lantern clock 281
Hughes see Walker & Hughes
Hughes, Henry & Son 544
Hughes, Thomas, bracket clock 310
Huguenin 664
Hulme, John, escapement maker 657
Hunter Peter clockmaker 422
Hupfield Helios orchestrion 385
Hurst, Edward, longcase clock dial 390
Hurst, Michael, The Early History of the AHS, lecture 278
book review 660
Hussey, private observatory 624
Hussey, Christopher CBE, inscribed on a stolen clock 444
Hutchinson, Beresford, book reviews 429-431
The History of British Public Timekeeping, lecture 520
The Palace of Westminster Clock, lecture 520
Hutton see Penlington & Hutton
IC, watch case maker's mark 320
Iden, Walter, collection 25
III, watch case maker's mark 669
Ilbert, Courtenay, collection 106, 186
Ilbery of London, watch No.6267, stolen 677
Ilkley, Yorks, church turret clock 387
Illustrated London News 606
IM punch mark 472
Images of Time, exhibition 606
Invar 195
Inventory of Niccolo III d'Este 498
IR, watch case maker's mark 320
Ireland, Henry, lantern clock 350
Irving Philip, Church Bells, Clocks & Weather vanes, lecture 515
The Work of a Steeplejack, lecture 522
Ismay, John, clockmaker 549
Isochronal corrector 159-160
Italian hours 488, 494
Italy, Early Mechanical Horology in, lecture by Giuseppe Brusa 246, 485-513
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Ives see Birge & Ives

IW, watch case maker

J

Jackson, William, longcase clock

Jacobsen, Eva, Urmakare I Mora Socken, reviewed

Jacopus da Novara, clockmaker

Jacquemart figures, on a watch

Jaeger Lecoultre, wrist-watch

Jagger, Cedric, biography

Janvier of Paris, mantel regulators

Japy Frères, mantel clock No.32702, stolen

Jarvis, William, watch, stolen

JD, watch case maker's mark

JECHO, electric clock

Jefferson see Mills & Jefferson

Jeffreys, John, watch by John Harrison

Jennens, J., railway clocks

Jenner, James, clockmaker

Jensen, N.M., Hardy regulator

Jequier see Chollet & Jequier

Jerusalem, L. A. Mayer Memorial Institute

Jessop Street clock

Jewelling, false endstones

J H, watchcase maker's mark

Johnson see also Gillet & Johnson

Johnson see also Grimaldi & Johnson

Johnson see also Koosen & Johnson

Johnson, of ? wall clock, stolen

Johnson, Jeremiah, longcase clock

Johnston, Keith, explorer

Jones of London ? mural circle

Jones jnr. of Pwllheli, longcase clock stolen

Jones, Clive, collection

Jones, Henry,

Jones, John

Jordanus, goldsmith

Journe & Royaux, pendule sympathique

Journeyman clock, Shelton, John

P of London

Jullion of Brentford, bracket clock

Junghans, electric clocks

Jurgensen, Jules,

Jurgensen, Urban, pocket chronometer No. IX

Jurgensen Urban & Sonner

Juvet, Louis, globes

K

Karlsen, Helge B. J., gear ratios

Hampton Court Palace Clock

letters (Brocot lunar gear train)

Kazes, Jean, clockmaker
<table>
<thead>
<tr>
<th>Entry</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keene</td>
<td>664</td>
</tr>
<tr>
<td>Kehlhoff, Frederick, watch</td>
<td>548</td>
</tr>
<tr>
<td>Kelly, S. J., longcase clock, stolen</td>
<td>208</td>
</tr>
<tr>
<td>Kelly, William, clock</td>
<td>435</td>
</tr>
<tr>
<td>Kevingrove Museum</td>
<td>185</td>
</tr>
<tr>
<td>Kempin, John, longcase clock</td>
<td>674</td>
</tr>
<tr>
<td>Kempshott House, turret clock</td>
<td>281</td>
</tr>
<tr>
<td>Kempston Museum</td>
<td>548</td>
</tr>
<tr>
<td>Kendall, Larcum, marine timekeepers K1 &amp; K2</td>
<td>145, 147, 196, 274</td>
</tr>
<tr>
<td>Kenney, George, letter (George Graham)</td>
<td>206</td>
</tr>
<tr>
<td>Kessels, Heinrich</td>
<td>414</td>
</tr>
<tr>
<td>Kew observatory</td>
<td>399, 403</td>
</tr>
<tr>
<td>Kienzle, electric clocks</td>
<td>62</td>
</tr>
<tr>
<td>Kilruddy clock</td>
<td>195</td>
</tr>
<tr>
<td>Kimpトン of Malden, longcase clock</td>
<td>93</td>
</tr>
<tr>
<td>Kinfams Castle, observatory</td>
<td>626</td>
</tr>
<tr>
<td>regulator by Thomas Reid</td>
<td>625</td>
</tr>
<tr>
<td>King see Copland &amp; King†</td>
<td></td>
</tr>
<tr>
<td>King, Andrew, 'Harrison' regulators</td>
<td>145</td>
</tr>
<tr>
<td>John Harrison's Regulators, lecture</td>
<td>635</td>
</tr>
<tr>
<td>King, William, bracket clock</td>
<td>335</td>
</tr>
<tr>
<td>Kings College see Cambridge</td>
<td></td>
</tr>
<tr>
<td>Kingston-on-Thames, turret clock</td>
<td>289</td>
</tr>
<tr>
<td>Kirk, Joseph, bracket clock</td>
<td>310</td>
</tr>
<tr>
<td>Kirkpatrick-Juxta</td>
<td>80</td>
</tr>
<tr>
<td>Kirkstall Abbey Museum</td>
<td>602</td>
</tr>
<tr>
<td>Kitz, Norman, letters (CWP Monogram)</td>
<td>89, 439</td>
</tr>
<tr>
<td>Klaauw, Christiaan van der, table clock</td>
<td>368</td>
</tr>
<tr>
<td>Kleyser, John &amp; Co., railway clocks</td>
<td>39</td>
</tr>
<tr>
<td>Knibb, John, bracket clock</td>
<td>134</td>
</tr>
<tr>
<td>gravestone</td>
<td>167</td>
</tr>
<tr>
<td>longcase clock, Ashmolean Museum</td>
<td>168</td>
</tr>
<tr>
<td>longcase clock, walnut case, month going</td>
<td>167</td>
</tr>
<tr>
<td>Knibb, Joseph, bracket clock, stolen</td>
<td>95</td>
</tr>
<tr>
<td>bracket clock, ebonised case</td>
<td>132</td>
</tr>
<tr>
<td>bracket clock, ebony case</td>
<td>132</td>
</tr>
<tr>
<td>bracket clock, ebony veneered</td>
<td>340</td>
</tr>
<tr>
<td>bracket clock, grande sonnerie, various</td>
<td>84, 309</td>
</tr>
<tr>
<td>bracket clock, silver mounts</td>
<td>598</td>
</tr>
<tr>
<td>grande sonnerie clock</td>
<td>165</td>
</tr>
<tr>
<td>longcase clock, grande sonnerie</td>
<td>25, 84, 309</td>
</tr>
<tr>
<td>longcase clock, quarter striking</td>
<td>575</td>
</tr>
<tr>
<td>longcase clock, walnut, crested</td>
<td>597</td>
</tr>
<tr>
<td>turret clock, Wadham College</td>
<td>168, 633</td>
</tr>
<tr>
<td>Knifton, Thomas lantern clock</td>
<td>429</td>
</tr>
<tr>
<td>Knowles, John, clock winder</td>
<td>287</td>
</tr>
<tr>
<td>Koosen &amp; Johnson, patent clock motor</td>
<td>319</td>
</tr>
<tr>
<td>Kortrijk see Courtrai†</td>
<td></td>
</tr>
<tr>
<td>Kraminer, Jan, letter (Prior's watch numbering) 319-320</td>
<td></td>
</tr>
<tr>
<td>Kratzer, Nicholas, Hampton Court Palace clock</td>
<td>72-77</td>
</tr>
<tr>
<td>Kullberg, Victor</td>
<td>203, 544</td>
</tr>
<tr>
<td>Kundo, electric clock</td>
<td>61</td>
</tr>
<tr>
<td>Kundo Spacetimer</td>
<td>324</td>
</tr>
<tr>
<td>Kunst &amp; Automaten Uhren, by Joachim Scharadin, reviewed</td>
<td>545</td>
</tr>
<tr>
<td>Kyeser, Konrad, Bellifortis</td>
<td>492</td>
</tr>
</tbody>
</table>
La Chaux De Fonds, Exhibition, 1968 31\textsuperscript{V18}  
Läckö Castle, exhibition 434\textsuperscript{V18}  
Lacquer Case, \textsuperscript{V18}  
  Cabrier, Charles bracket clock 451\textsuperscript{V18}  
  Delander, Darnel, longcase clock 242-243\textsuperscript{V18}  
  Halley, Thomas, longcase clock 183\textsuperscript{V18}  
  Manley, Cornelius, longcase clock 561\textsuperscript{V18}  
  Vise, John, longcase clock 128\textsuperscript{V18}  
Laing, David, clockmaker 422\textsuperscript{V18}  
Lambert's Circles 316\textsuperscript{V18}  
Lamborn, John, bracket clock, stolen 95\textsuperscript{V18}  
Lamerie, Paul de, Exhibition 484\textsuperscript{V18}  
Lancashire Watch Co. 301, 403\textsuperscript{V18}  
Lancaster, William, bracket clock 683\textsuperscript{V18}  
Lander, P. B. van der, letter (Henry Massy) 207\textsuperscript{V18}  
Landrock, Horst, collection 86\textsuperscript{V18}  
Lange of Glashütte 86, 544\textsuperscript{V18}  
  marine chronometer 195\textsuperscript{V18}  
Lange, A. & Söhne, box chronometer 432\textsuperscript{V18}  
Lange, A. & Söhne Die Uhren von, by Martin Huber, reviewed 432\textsuperscript{V18}  
Langer, Karl, review 434\textsuperscript{V18}  
Lantern clock, \textsuperscript{V18}  
  anonymous, Elizabethan 430\textsuperscript{V18}  
  Cockey, Edward, stolen 679\textsuperscript{V18}  
  Compigné, David 20\textsuperscript{V18}  
  CWP 198, 321-322\textsuperscript{V18}  
  Davis, John 281\textsuperscript{V18}  
  Ford, Thomas, stolen 445\textsuperscript{V18}  
  Huggerford, Ignatius 281\textsuperscript{V18}  
  Ireland, Henry 350\textsuperscript{V18}  
  Knifton, Thomas 429\textsuperscript{V18}  
  Scafe, William, stolen 558\textsuperscript{V18}  
  Thompson, Josiah 281\textsuperscript{V18}  
  Windmills of London 386\textsuperscript{V18}  
Lantern Clocks, English, by Sir George White, reviewed 429-431\textsuperscript{V18}  
Larkins, William, astronomer 280\textsuperscript{V18}  
Law, R.J., book review 545\textsuperscript{V18}  
  letter (Joseph Preston) 551\textsuperscript{V18}  
Lawrence, John 94\textsuperscript{V18}  
Lavet, Marius, Chronostat III 61\textsuperscript{V18}  
Leblond, Robert, longcase clock, stolen 558\textsuperscript{V18}  
Lechner of Pesten, wall regulator 113\textsuperscript{V18}  
Lecluse, Alphonse 623\textsuperscript{V18}  
Lecluse, Felix 623\textsuperscript{V18}  
Lecoultre see Jaeger Lecoultre\textsuperscript{V18}  
Lecture, \textsuperscript{V18}  
  Adams, Professor, Sundials, What's in Them 59\textsuperscript{V18}  
  Aked, Charles, Patents 388\textsuperscript{V18}  
  Anderson, Søren, Ole Rømer 370\textsuperscript{V18}  
  Anderton, Dr. K., Restoring a Clock by Pierre DuChesne 516\textsuperscript{V18}  
  Andrewes, Will, The Early History of the Pendulum Clock 30\textsuperscript{V18}  
  Arnfield, J., Clock and Watch Escapements 164\textsuperscript{V18}  
  Restoring a Clock by L. Bergier Lejeune 516\textsuperscript{V18}  
  Arthur, James, Memorial 520\textsuperscript{V18}  
  Atwood, Seth, The History of Timekeeping 30\textsuperscript{V18}
Baker, Paul, Horological Tools 56^18
Practical Hints for Clock Repairers 633^18
Bett, Jonathan, John Harrison and his Timekeeper H1 370^18
Bird, Clifford, Thomas Raker's Astronomical Clock 635^18
Boles, David, American Clockmaking 519^18
Bonnett, Peter, Carriage Clocks 166, 632^18
Bursa, Giuseppe, Early Mechanical Horology in Italy 246, 485-513^18
Bundock, Michael, Turret Clocks in Kent 634^18
Burgess, Martin, Harrison's Regulator and the Gurney Clock 631^18
Burton, David, Philip Thornton, Clockmaker 56^18
Chapelle, Kenneth, Clock Restoration 282^18
Restoration, Detection, Decisions & Ethics 632^18
Scottish National Trust Clocks 515^18
Chapiro, Dr. A., The History of the French Watch 30^18
Corcoran, Susan, Clock Dial Restoration 517^18
Crane, Gurney, Clock Case Making 635^18
Dareau, Dr. Michael, Origins of Clockmaking in Scotland 632^18
Darwin, John, Big Ben 61^18
Davies, Dr. Alun, C ., James Ritchie's Shop Records 519^18
The British Horological Institute, 1848-1914 55^18
Dingwall - Beloe, 1989 246^18
Elliott, Peter, The Great Clock at the Palace of Westminster 388^18
Ennis, Joe, American Watches 519^18
Forbes, Tom, Horological Tools 637^18
Friess, Peter, The Work of Philipp Matthaus Hahn 370^18
Garnier, Richard, Measuring Time 59^18
Thomas Tompion's Clock Cases and Dials 516^18
Gillanders, Roddy, Veneers & Marquetry 635^18
Gilmore, Harry, Ma 390^18
Haward, Peter, The Richard of Wallingford Clock 370^18
Heslip, Robert, Horological Photography 59^18
Hewitt, Patrick, A History of Leicestershire Clockmaking 142^18
Leicestershire & Rutland Turret Clocks 638^18
Hurst, Michael, The Eay Years of the AHS 278^18
Hutchinson, Beresford, The History of British Public Timekeeping 520^18
The Palace of Westminster Clock 520^18
Church Bells, Clocks and Weather Vanes 515^18
The Work of a Steeplejack 522^18
King, Andrew, John Harrison's Regulators 635^18
Leopold, John, Clockmaking in Britain and The Netherlands 60^18
Mechanical Celestial Globes at Kassel 162, 386^18
McBrierty, Gerard, The Restoration Game 59, 283^18
McClure, Bertie, Metalwork Methods in Horology 391^18
Macintyre Hugh Fulton's Orreries 54^18
McKay, Christopher, English Turret Clocks 638^18
Maltin, Michael, The Rates of the Westminster &Salisbury Clocks 635^18
Marcoyn, Henry, Another Free Pendulum 283^18
Martin, John, The History of Regulators 279^18
Marritt, Ernest, The Charles Fasoldt Escapement 521^18
Meecham, Peter, A Longcase Clock by Pattison of Halifax 56^18
Miles, Tommy, The Making and Piercing of Clock Hands 167^18
Mills, Dr. Alan, Astronomical Clocks 633^18
Water Clocks 55^18
Munro, David, The Development of Electronic Timekeeping 370^18
Newell, Dr. John, Striking Mechanisms 165^18
Penney, David, English Watchmaking 58^18
Horological Illustrations 370, 635^18
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Pippard, Sir Brian, The Foucault Pendulum 63\textsuperscript{V18}
Plaister, John, Turret Clocks 518\textsuperscript{V18}
Potts, M., The Potts Family of Turret Clock Makers 387\textsuperscript{V18}
Randall, Anthony, Twenty-five Years with the Horological Virus 279\textsuperscript{V18}
Read, William, Negretti & Zambra, Barometer Makers 636\textsuperscript{V18}
Rigby, Tony, Starting A Clock Business 637\textsuperscript{V18}
Roberts, Kenneth, Jonathan Clark Brown and the Forestville Manufacturing Company 163, 165\textsuperscript{V18}
Robinson, Tom, English Clocks in the Fitzwilliam Museum 57\textsuperscript{V18}
Rubie, L., Railway Electric Clock Systems 521\textsuperscript{V18}
Ruddock, Martin, The Bostonian Influence on Precision Horology 521\textsuperscript{V18}
Sabrier, Jean Claude, French Clock and Watchmakers 30\textsuperscript{V18}
Shepro, Justice, French Clocks 30\textsuperscript{V18}
Smith, Prof. Alan, The Jacob Lovelace Clock 516\textsuperscript{V18}
Treherne, Alan, Sources of Information 516\textsuperscript{V18}
Tuck, Paul, The Evolution of English Watch Dials 631\textsuperscript{V18}
Vaughan, Denys, Turret Clocks in the Science Museum 168\textsuperscript{V18}
Wills, Peter, The Dynadromic Free Pendulum 62\textsuperscript{V18}
Wilson, Gillian, French Clocks in the Getty Museum 30\textsuperscript{V18}

Leicester University, turret clock 257-259\textsuperscript{V18}
Leicestershire Clockmaking, A History, lecture by Peter Hewitt 142\textsuperscript{V18}
Leith Hall 515\textsuperscript{V18}
Lemmon, Orange, clockmaker 291\textsuperscript{V18}
LeNepvue of Paris, mantel clock, stolen 445\textsuperscript{V18}
Lenzkirch, bracket clock 679\textsuperscript{V18}
Leo X, Pope 509, 510\textsuperscript{V18}
Leonardo da Vinci, drawings 504-508\textsuperscript{V18}
Leopold, John, Clockmaking in Britain and The Netherlands, lecture 60\textsuperscript{V18}
letter (Gyraldus text) 554\textsuperscript{V18}
Mechanical Celestial Globes at Kassel lecture 162, 387\textsuperscript{V18}
Lepine, Jean-Antoine, Horologer 1720-1814, by Adolphe Chapiro, reviewed 427\textsuperscript{V18}
Lepine, Jean-Antoine watch 315\textsuperscript{V18}
Leroy, Charles 352\textsuperscript{V18}
Leroux, John, watch, stolen 675, 677\textsuperscript{V18}
Leroy of Paris, chaise watch 120\textsuperscript{V18}
chronometer watch 103\textsuperscript{V18}
Leroy, Julien 528\textsuperscript{V18}
mantel clock, stolen 326\textsuperscript{V18}
Lettering on Clocks, lecture by Prof. Alan Smith 515\textsuperscript{V18}
Levison, Don, Royal Geographical Society No.5 423-425\textsuperscript{V18}
Liddan, Dennis 601\textsuperscript{V18}
Lilly & Reynolds, watch repairs 424\textsuperscript{V18}
Lincoln Cathedral, turret clock 387\textsuperscript{V18}
Lincoln, Usher Gallery 668\textsuperscript{V18}
Lindley, Thomas, longcase clock 529-541\textsuperscript{V18}
Litherland, Davies & Co., watch 199\textsuperscript{V18}
Littlebourne, Kent, St. Vincent's, turret clock 389\textsuperscript{V18}
Liverpool Museum, East Horsley Church turret clock 287\textsuperscript{V18}
<table>
<thead>
<tr>
<th>Category</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lovelace clock</td>
<td>516</td>
</tr>
<tr>
<td>Preston workshop</td>
<td>302</td>
</tr>
<tr>
<td>Liverpool, University College ? turret clock</td>
<td>387</td>
</tr>
<tr>
<td>Lübner, F. L.</td>
<td>667</td>
</tr>
<tr>
<td>London, Brighton &amp; South Coast Railway Clocks, by Dr. D. Parr</td>
<td>35-51</td>
</tr>
<tr>
<td>London, Brighton &amp; South Coast Railway Clocks, dial writing</td>
<td>48</td>
</tr>
<tr>
<td>London, Brighton &amp; South Coast Railway Clocks, earliest clocks</td>
<td>36-39</td>
</tr>
<tr>
<td>London, Brighton &amp; South Coast Railway Clocks, Grimshaw &amp; Baxter</td>
<td>45</td>
</tr>
<tr>
<td>London, Brighton &amp; South Coast Railway Clocks, longcase clock by Dent No.873</td>
<td>205</td>
</tr>
<tr>
<td>London, Brighton &amp; South Coast Railway Clocks, numbering</td>
<td>46-50</td>
</tr>
<tr>
<td>London, Brighton &amp; South Coast Railway Clocks, Prices paid for clocks</td>
<td>49</td>
</tr>
<tr>
<td>London, Brighton &amp; South Coast Railway Clocks, records of clocks</td>
<td>48</td>
</tr>
<tr>
<td>London, Brighton &amp; South Coast Railway Clocks, pliers of clocks</td>
<td>37</td>
</tr>
<tr>
<td>London, Brighton &amp; South Coast Railway Clocks, Webster, Richard</td>
<td>44</td>
</tr>
<tr>
<td>Wright, William</td>
<td>41</td>
</tr>
<tr>
<td>London, British Museum, anonymous table clock with vertical stackfreed</td>
<td>509, 513</td>
</tr>
<tr>
<td>London, British Museum, Baldewine globe</td>
<td>163</td>
</tr>
<tr>
<td>London, British Museum, Brock, James, regulator</td>
<td>222</td>
</tr>
<tr>
<td>London, British Museum, Cassiobury Park turret clock</td>
<td>287</td>
</tr>
<tr>
<td>London, British Museum, Dingwall-Beloe lecture</td>
<td>246, 370, 485-513</td>
</tr>
<tr>
<td>London, British Museum, Earnshaw, Thomas, regulator</td>
<td>280</td>
</tr>
<tr>
<td>London, British Museum, Forestville 'Acorn' clock</td>
<td>164</td>
</tr>
<tr>
<td>London, British Museum, lecture, Octavius Morgan, by David Thompson</td>
<td>29</td>
</tr>
<tr>
<td>London, Goldsmith's Hall Exhibition, Paul De Lamerie</td>
<td>484</td>
</tr>
<tr>
<td>London, Guildhall Library, WCC collection, Jeffreys, John, watch</td>
<td>262</td>
</tr>
<tr>
<td>London, Guildhall Museum</td>
<td>162</td>
</tr>
<tr>
<td>London, Kensington Palace</td>
<td>166</td>
</tr>
<tr>
<td>London, King's Cross station</td>
<td>168</td>
</tr>
<tr>
<td>London Museum</td>
<td>162</td>
</tr>
<tr>
<td>London, Museum of London, watch collection</td>
<td>162</td>
</tr>
<tr>
<td>London, Museum of London, Pyke organ clock</td>
<td>166</td>
</tr>
<tr>
<td>London, National Maritime Museum, AHS visit</td>
<td>58</td>
</tr>
<tr>
<td>London, National Maritime Museum, AHS visit, Hardy regulator</td>
<td>622-624</td>
</tr>
<tr>
<td>London, National Maritime Museum, AHS visit, Vulliamy, Justin, observatory timer</td>
<td>520</td>
</tr>
<tr>
<td>London, Patents Museum</td>
<td>168</td>
</tr>
<tr>
<td>London, Royal Exchange clock</td>
<td>325</td>
</tr>
<tr>
<td>London, Science Museum, AHS visit</td>
<td>388</td>
</tr>
<tr>
<td>London, Science Museum, Dover Castle turret clock</td>
<td>287</td>
</tr>
<tr>
<td>London, Science Museum, Foucault pendulum</td>
<td>63</td>
</tr>
<tr>
<td>London, Science Museum, planing machine</td>
<td>165</td>
</tr>
<tr>
<td>London, Society of Arts, Exhibition 1850</td>
<td>606</td>
</tr>
<tr>
<td>London, Victoria &amp; Albert Museum, Bushman of London, watch</td>
<td>687</td>
</tr>
<tr>
<td>Longcase clock, Allan, Thomas, stolen</td>
<td>445</td>
</tr>
<tr>
<td>Longcase clock, anonymous, month going</td>
<td>354</td>
</tr>
<tr>
<td>Longcase clock, anonymous, Scottish</td>
<td>22</td>
</tr>
<tr>
<td>Longcase clock, Antrim, Joseph, stolen</td>
<td>558</td>
</tr>
<tr>
<td>Longcase clock, Barber, W., stolen</td>
<td>679</td>
</tr>
<tr>
<td>Longcase clock, Barwise of London</td>
<td>237</td>
</tr>
<tr>
<td>Longcase clock, Batty, W.&amp; Sons Ltd., stolen</td>
<td>95</td>
</tr>
<tr>
<td>Longcase clock, Bergischen land type</td>
<td>194</td>
</tr>
<tr>
<td>Longcase clock, Bornholm type</td>
<td>369</td>
</tr>
<tr>
<td>Longcase clock, Buckingham, Joseph</td>
<td>576</td>
</tr>
<tr>
<td>Name</td>
<td>Page(s)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Butler of Norwich</td>
<td>334</td>
</tr>
<tr>
<td>Butterworth, Joseph</td>
<td>435</td>
</tr>
<tr>
<td>Carter, Thomas</td>
<td>674</td>
</tr>
<tr>
<td>Chauvet, J.S.</td>
<td>572</td>
</tr>
<tr>
<td>Crouch, Edward</td>
<td>471</td>
</tr>
<tr>
<td>Davis, William</td>
<td>310</td>
</tr>
<tr>
<td>Deacon, Samuel</td>
<td>529-541, 668</td>
</tr>
<tr>
<td>Delander, Daniel (walnut case)</td>
<td>11</td>
</tr>
<tr>
<td>Delander, Daniel (lacquer case)</td>
<td>242-243</td>
</tr>
<tr>
<td>Dent of London No.873</td>
<td>205</td>
</tr>
<tr>
<td>Dicker of Silchester</td>
<td>281</td>
</tr>
<tr>
<td>Dicker, Benjamin, stolen</td>
<td>679</td>
</tr>
<tr>
<td>Donne, Robert</td>
<td>356</td>
</tr>
<tr>
<td>Dublin made</td>
<td>435</td>
</tr>
<tr>
<td>Dunlop, Andrew</td>
<td>183, 515</td>
</tr>
<tr>
<td>East, Edward</td>
<td>309</td>
</tr>
<tr>
<td>Ebsworth, John</td>
<td>5</td>
</tr>
<tr>
<td>Ellicott, John, walnut case</td>
<td>4</td>
</tr>
<tr>
<td>Ellicott, John, mahogany case</td>
<td>123</td>
</tr>
<tr>
<td>Ellicott, John</td>
<td>315</td>
</tr>
<tr>
<td>Fairer, Joseph</td>
<td>38</td>
</tr>
<tr>
<td>Fenn, Robert, stolen</td>
<td>558</td>
</tr>
<tr>
<td>Ferrers, John</td>
<td>549</td>
</tr>
<tr>
<td>Fish, Henry</td>
<td>351, 464</td>
</tr>
<tr>
<td>Fromanteel, Ahasuerus (attrib)</td>
<td>26</td>
</tr>
<tr>
<td>Fromanteel, Ahasuerus, Oxford, History of Science Museum</td>
<td>167</td>
</tr>
<tr>
<td>Fromanteel Johannes</td>
<td>347</td>
</tr>
<tr>
<td>Gisboro, Thomas, stolen</td>
<td>445</td>
</tr>
<tr>
<td>Gould, Christopher</td>
<td>119</td>
</tr>
<tr>
<td>Gould, Christopher, grande sonnerie</td>
<td>309-310</td>
</tr>
<tr>
<td>Gould, Christopher, stolen</td>
<td>94</td>
</tr>
<tr>
<td>Graham, George</td>
<td>668</td>
</tr>
<tr>
<td>Graham, George, Culzean Castle</td>
<td>515</td>
</tr>
<tr>
<td>Graham, George, No.637</td>
<td>115</td>
</tr>
<tr>
<td>Gregory, James</td>
<td>281</td>
</tr>
<tr>
<td>Hally, Thomas</td>
<td>183</td>
</tr>
<tr>
<td>Harpur, Henry</td>
<td>129</td>
</tr>
<tr>
<td>Hawkins, Ambrose</td>
<td>310</td>
</tr>
<tr>
<td>Hawting, John</td>
<td>167</td>
</tr>
<tr>
<td>Hewitt, Alexander</td>
<td>10</td>
</tr>
<tr>
<td>Hill, William, stolen</td>
<td>326</td>
</tr>
<tr>
<td>Holmes, John</td>
<td>474</td>
</tr>
<tr>
<td>Horwood, Charles</td>
<td>358</td>
</tr>
<tr>
<td>Hurst, Edward, dial only</td>
<td>390</td>
</tr>
<tr>
<td>Jackson, William</td>
<td>310</td>
</tr>
<tr>
<td>Irish examples</td>
<td>86</td>
</tr>
<tr>
<td>Johnson, Jeremiah</td>
<td>515</td>
</tr>
<tr>
<td>Jones, jnr., of Pwellheli, stolen</td>
<td>679-841</td>
</tr>
<tr>
<td>Kelly, S. J., stolen</td>
<td>208</td>
</tr>
<tr>
<td>Kempin, John</td>
<td>674</td>
</tr>
<tr>
<td>Kimpton of Malden</td>
<td>93</td>
</tr>
<tr>
<td>Knibb, John, Ashmolean Museum</td>
<td>168</td>
</tr>
<tr>
<td>Knibb, John, walnut case, month going</td>
<td>167</td>
</tr>
<tr>
<td>Knibb, Joseph, grande sonnerie</td>
<td>25, 84, 309</td>
</tr>
<tr>
<td>Knibb, Joseph, quarter striking</td>
<td>575</td>
</tr>
<tr>
<td>Knibb, Joseph, walnut, crested hood</td>
<td>579</td>
</tr>
<tr>
<td>Leblond, Robert, stolen</td>
<td>558</td>
</tr>
</tbody>
</table>
Lindley, Thomas 529-541 V18
Ludlam, W. 529-541 V18
Lumpkin, Robert, stolen 557 V18
Manley, Cornelius 561 V18
Markwick, James ? 79-84 V18
Mauchlin in Scotland 435 V18
Mudge & Dutton 570 V18
Norris, Joseph 195 V18
Osmond, Richard, stolen 678 V18
Pace, Henry 549 V18
Pattison of Halifax 56 V18
Poulley, A. & H., stolen 445 V18
Pringle of Edinburgh 515 V18
Quare, Daniel, 6-month 481 V18
Quare, Daniel No.145 310 V18
Rawlins, John 195 V18
Reid, Thomas 182 V18
Reynolds, W. M. 668 V18
Richardson, John 443 V18
Robb, William 236 V18
Robins, Fabian, stolen 95 V18
Scafe, William 218, 476-477 V18
Scott, James 281 V18
Seddon, Daniel, V18
un-numbered and No.11 310 V18
Shanks, Edward, stolen 95 V18
Smith, John 590 V18
Snow, Will, stolen 326 V18
Symphonium Eroica 604 V18
Thomas, Seth 195, 604 V18
Thompson, Josiah 281 V18
Tight of Dartford 1822, stolen 678 V18
Tompson, Thomas, grande sonnerie, various 84, 309-310 V18
Tompson, Thomas, night clock 133, 143-144 V18
Tompson, Thomas, No.239 456 V18
Tompson & Banger, No.387 310 V18
Tompson & Banger, No.502 688 V18
Trattle, Joseph, stolen 558 V18
Tribe of Petworth 518 V18
Urquhart of Forfar 632 V18
Vans, Patrick 580 V18
Vaughan, G. 12 V18
Vise, John 128 V18
Vowell of London 593 V18
Watson, J., stolen 208 V18
Watts, S. & J, stolen 208 V18
Wheeler, Thomas 478 V18
Williamson of London 361 V18
Williamson, Joseph 633 V18
Williamshurst, Stephen, stolen 558 V18
Wills, John 583 V18
Wilmhurst 281 V18
Windmills, Joseph 589 V18
Wintworth, Thomas, stolen 326 V18
Wyke, John 549 V18
Longcase clock cases, stolen 558 V18
Long duration, eight day, V18
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumulative Index for Antiquarian Horology Volumes 10 to 19</td>
<td></td>
</tr>
<tr>
<td>Compiled by Edward Powell</td>
<td></td>
</tr>
<tr>
<td>FS patent watch</td>
<td>669</td>
</tr>
<tr>
<td>Long duration, month, anonymous (Fromanteel) longcase clock</td>
<td>354</td>
</tr>
<tr>
<td>anonymous Vienna regulator</td>
<td>226</td>
</tr>
<tr>
<td>Dutton, William, regulator</td>
<td>126</td>
</tr>
<tr>
<td>Dutton, William (Pennyquick)</td>
<td>183</td>
</tr>
<tr>
<td>Harpur, Henry, longcase clock</td>
<td>129</td>
</tr>
<tr>
<td>Knibb, John, longcase clock</td>
<td>167</td>
</tr>
<tr>
<td>Lechner of Pesten, wall regulator</td>
<td>113</td>
</tr>
<tr>
<td>Marenzeller, Ignaz, Vienna regulator</td>
<td>2</td>
</tr>
<tr>
<td>Reid &amp; Auld, regulator</td>
<td>628</td>
</tr>
<tr>
<td>Tompion, Thomas, longcase clock No.239</td>
<td>456</td>
</tr>
<tr>
<td>Long duration, nine months, Berthoud, Ferdinand, regulator</td>
<td>224</td>
</tr>
<tr>
<td>Long duration, six months, Quare, Daniel, longcase clock</td>
<td>481</td>
</tr>
<tr>
<td>Long duration, three months, Hewitt, Alexander, longcase clock</td>
<td>10</td>
</tr>
<tr>
<td>Long duration year, Dent, E. &amp; Co., regulator</td>
<td>549</td>
</tr>
<tr>
<td>Dunlop, Andrew, longcase clock</td>
<td>515</td>
</tr>
<tr>
<td>Smith, John, longcase clock</td>
<td>590</td>
</tr>
<tr>
<td>Wibral, Mathias, Vienna regulator</td>
<td>342</td>
</tr>
<tr>
<td>Longines, rectangular wrist-watch</td>
<td>445</td>
</tr>
<tr>
<td>Longitude, Board of</td>
<td></td>
</tr>
<tr>
<td>Long Pour, signature on a watch case</td>
<td>676</td>
</tr>
<tr>
<td>Loomes, Brian,</td>
<td></td>
</tr>
<tr>
<td>Complete British Clocks, reviewed</td>
<td>659</td>
</tr>
<tr>
<td>Watchmakers &amp; Clockmakers of the World Vol. 2, reviewed</td>
<td>545</td>
</tr>
<tr>
<td>Lorenzo della Volpiaia, clockmaker</td>
<td>503</td>
</tr>
<tr>
<td>astronomical clock</td>
<td>502</td>
</tr>
<tr>
<td>Loseby, E. T., turret clock</td>
<td>668</td>
</tr>
<tr>
<td>Lossier, Louis</td>
<td>155</td>
</tr>
<tr>
<td>Lovelace Clock, lecture by Prof. Alan Smith</td>
<td>516</td>
</tr>
<tr>
<td>Lowe, Thomas, watch</td>
<td>207</td>
</tr>
<tr>
<td>Lowman, Simon, reports</td>
<td>632</td>
</tr>
<tr>
<td>Lubricants</td>
<td>86</td>
</tr>
<tr>
<td>Ludlum, W., longcase clock</td>
<td>529</td>
</tr>
<tr>
<td>Ludlum pendulum</td>
<td>454</td>
</tr>
<tr>
<td>Lumpkin, Robert, longcase clock, stolen</td>
<td>557</td>
</tr>
<tr>
<td>Lunar gear ratios, Antikythera machine</td>
<td>641</td>
</tr>
<tr>
<td>letter from Helge B. J. Karlsen</td>
<td>553</td>
</tr>
<tr>
<td>Lunar indications,</td>
<td></td>
</tr>
<tr>
<td>anonymous, French table clock</td>
<td>253</td>
</tr>
<tr>
<td>anonymous, Scottish longcase clock</td>
<td>22</td>
</tr>
<tr>
<td>Brocot, Achille, gear train</td>
<td>91</td>
</tr>
<tr>
<td>Butler of Norwich</td>
<td>334</td>
</tr>
<tr>
<td>Chauvet, J. S., longcase clock</td>
<td>572</td>
</tr>
<tr>
<td>Dent of London, pocket chronometer</td>
<td></td>
</tr>
<tr>
<td>No.32573</td>
<td>85</td>
</tr>
<tr>
<td>Dutton, William, regulator</td>
<td>183</td>
</tr>
<tr>
<td>Kratzer, Nicholas, Hampton Court Palace</td>
<td></td>
</tr>
<tr>
<td>Clock</td>
<td>73-74</td>
</tr>
<tr>
<td>Leicester University clock</td>
<td>257</td>
</tr>
<tr>
<td>Leroy of Paris, pocket chronometer</td>
<td>103</td>
</tr>
<tr>
<td>Markwick, James, longcase clock</td>
<td>83</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Patek Philippe & Co., pocket chronometer 99V18
Patek Philippe & Co., Calibre '89 239V18
Patek Philippe & Cie., wrist chronograph 19V18
Patek Philippe, wrist-watch 337V18
Prevost, Louys, watch 125V18
Rainieri, Giampaolo, turret clock 507V18
Sarton of Liege, mantel clock 8V18
Weeks of London, bracket clock 229V18
Williamson of London, longcase clock 361V18
Lunardi, Italian balloonist 56V18
Lund see Barraud & LundV18
Lund & Blockley, chronometer watchV18
    No.2/931 423-425V18
    chronometer watches Nos. 2/932 & 2/946 425V18
Ly, Trans Duy, Ansonia Clocks, reviewed 542V18
    Waterbury Clock, reviewed 542V18
Lyme Hall, clock collection 55V18
Lynam, John, armillary sphere 435V18
Lyon, St. Jean's Cathedral, turret clock 85V18
McBrierty, Gerald, Clock Case Restoration, lecture 59, 283V18
McCabe, James, letter concerning 552V18
    bracket clock, stolen 678V18
    bracket clock No.1229 15V18
    marine chronometer No.172 ? 301V18
    watch No.7968, stolen 677V18
McCabe, Robert, Jeremy 552V18
McCabe, Thomas 552V18
McCabe, William 552V18
McCabe, William, Putnam 552V18
McClure, Bertie, Metalwork Methods in Horology, lecture 391V18
McCowan, W. O., missionary 424V18
MacIntyre, Hugh, Fulton's Orrery, lecture 54V18
McIntyre of ? watch 315V18
MacKay, Christopher, English Turret Clocks, lecture 638V18
    report 391-394V18
MacLiam, Ernest, letter concerning McCabe 552V18
Macmuldrou of? 301V18
Madrid Codex 504-508V18
Madrid, exhibition, 1965 31V18
Mahler Collection 548V18
Main et L'Outil La, exhibition catalogue, reviewed 663V18
Mainspring, Leonardo da Vinci's drawings 504V18
Mainsprings, lecture by Harry Gilmore 390V18
Maintaining power, bolt and shutter 454, 456, 478V18
Maitzner, Francis, collection 213V18
Major see Needham, Gwei-djen, Cambridge & MajorV18
Malibu, J. Paul Getty Museum 30V18
Mallat, J. B. 544V18
Mallet, J. Francis, collection 168V18
Maltin, Michael, The Rates of the Westminster and Salisbury Clocks, lecture 635V18
Manfredi, Bartolomeo, astronomical clock 499, 500V18
Manley, Cornelius, longcase clock 561V18
Mansell, William, watchmaker 348V18
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anonymous, automaton</td>
<td>234</td>
</tr>
<tr>
<td>Anonymous, ball clock</td>
<td>213</td>
</tr>
<tr>
<td>Anonymous, bird automata</td>
<td>591</td>
</tr>
<tr>
<td>Anonymous, 'Bras-en-l'air</td>
<td>333</td>
</tr>
<tr>
<td>Anonymous, early photograph of</td>
<td>92</td>
</tr>
<tr>
<td>Anonymous, French</td>
<td>121</td>
</tr>
<tr>
<td>Anonymous, mystery</td>
<td>248</td>
</tr>
<tr>
<td>Anonymous, 'Presented to Sgt. Charles Kendall' stolen</td>
<td>445</td>
</tr>
<tr>
<td>Anonymous, stolen</td>
<td>326</td>
</tr>
<tr>
<td>Anonymous, three-train 'gothic', stolen</td>
<td>326</td>
</tr>
<tr>
<td>Anonymous, Viennese</td>
<td>234</td>
</tr>
<tr>
<td>Ansonia Clock Co.</td>
<td>281</td>
</tr>
<tr>
<td>Arnold, John Roger</td>
<td>200</td>
</tr>
<tr>
<td>Arnold, John Roger, No.552</td>
<td>200</td>
</tr>
<tr>
<td>Atmos clock, stolen</td>
<td>558</td>
</tr>
<tr>
<td>Bergier Lejeune</td>
<td>109</td>
</tr>
<tr>
<td>Breguet et Fils</td>
<td>116</td>
</tr>
<tr>
<td>Cachard of Paris</td>
<td>352</td>
</tr>
<tr>
<td>Cartier of Paris</td>
<td>221</td>
</tr>
<tr>
<td>Cornier of Paris, stolen</td>
<td>94</td>
</tr>
<tr>
<td>Cox, James</td>
<td>168</td>
</tr>
<tr>
<td>Deniere &amp; Matelin No.340325, stolen</td>
<td>94</td>
</tr>
<tr>
<td>Dent of London No.1673, stolen</td>
<td>208</td>
</tr>
<tr>
<td>Ever Ready, electric</td>
<td>28</td>
</tr>
<tr>
<td>Forestville 'Acorn' clock</td>
<td>164</td>
</tr>
<tr>
<td>Frodsham, Charles</td>
<td>281</td>
</tr>
<tr>
<td>Galle of Paris</td>
<td>227</td>
</tr>
<tr>
<td>Japy Frères No.32702, stolen</td>
<td>208</td>
</tr>
<tr>
<td>Journe &amp; Royaux</td>
<td>604</td>
</tr>
<tr>
<td>LeNepvue of Paris</td>
<td>445</td>
</tr>
<tr>
<td>LeRoy, Julien, stolen</td>
<td>326</td>
</tr>
<tr>
<td>Meuron, Gugielmo</td>
<td>343</td>
</tr>
<tr>
<td>Mougin, A. D., stolen</td>
<td>558</td>
</tr>
<tr>
<td>Murday No.204, electric</td>
<td>101</td>
</tr>
<tr>
<td>Pierret, Victor Athanase</td>
<td>255</td>
</tr>
<tr>
<td>Richmond of Paris, stolen</td>
<td>444</td>
</tr>
<tr>
<td>Robin of Paris</td>
<td>253</td>
</tr>
<tr>
<td>Sarton of Liege</td>
<td>8</td>
</tr>
<tr>
<td>Tregent, James No.2627</td>
<td>482</td>
</tr>
<tr>
<td>Vieyres of London</td>
<td>469</td>
</tr>
<tr>
<td>Vulliamy of London, enamelled case</td>
<td>111</td>
</tr>
<tr>
<td>Vulliamy of London, Urn with figure</td>
<td>3</td>
</tr>
<tr>
<td>Vulliamy of London No.777</td>
<td>470</td>
</tr>
<tr>
<td>Weeks of London</td>
<td>105</td>
</tr>
<tr>
<td>Mantua, Marquis of, letter</td>
<td>511</td>
</tr>
<tr>
<td>Mantua, turret clock</td>
<td>500</td>
</tr>
<tr>
<td>Marcoolyn, Henry, Another Free Pendulum, lecture</td>
<td>283</td>
</tr>
<tr>
<td>Marenzeller Ignaz, Vienna regulator</td>
<td>2</td>
</tr>
<tr>
<td>Margaine o Paris, carriage clock No.2892, stolen</td>
<td>558</td>
</tr>
<tr>
<td>Marine chronometer see Chronometer, marine</td>
<td>549</td>
</tr>
<tr>
<td>Marine clocks of Connecticut</td>
<td>549</td>
</tr>
<tr>
<td>Markstown Observatory</td>
<td>624</td>
</tr>
<tr>
<td>Markwick, James?, longcase clock</td>
<td>79-84</td>
</tr>
<tr>
<td>Markwick, Markham of London, musical bracket clock</td>
<td>132</td>
</tr>
</tbody>
</table>
Marot, Daniel 517

Marquetry case V18

Buckingham, Joseph, longcase clock 576
Gould, Christopher, longcase clock 119
Harpur, Henry, longcase clock 129
Hewitt, Alexander, longcase clock 10
Knibb, Joseph, longcase clock 25
Quare, Daniel, longcase clock 481
Wheeler, Thomas, on case clock 478
Wills, John, longcase clock 583
Windmills, Joseph, longcase clock 589

Marriott, John, bracket clock 466
Marsden, A. J., letter (Young's patent) 317
Martin, John, clockmaker 93
Martin, John, The History of Regulators, lecture 279
Martin, John, book review 313
Martin, Nicola, report 284
Martineau of Paris? picture clock 183
Martineau, Harriet 398
Martineau, Joseph, senior, bracket clock 310
Marrt, Ernest, The Charles Fasoldt Escapement, lecture 521
Maskelyne, Nevil, account of Harrison H4 147, 276
rate of Hardy regulator 609, 610
Massy, Henry, clockmaker 207
bracket clock 196
Masters, J. & Son, watchmakers 401
Matelin see Danière & Matelin

Materials dealer, V18
Elliott, J.J. 46
Grimshaw & Baxter 45
Williamson, H. W. 26
Mathey Brothers 664
Mathias, Corvinus, King of Hungary 505
Mathis, Emma 292
Mathis, Joshua 292
Mauchlin, Scotland, longcase clocks of 435
Maudsley, George, watch No. 500, stolen 677
Maupertius, Pierre-Louis de 412
Maurizio, striking jack 494
Maximilion, Emperor 163
Maxwell-Irving, Alastair, letter (watches in Kirkpatrick-Juxta) 89
Mayfield church, turret clock 287-288
Measuring Time, lecture by Richard Garnier 50

Mechanical music V18
Chichester collection of instruments 58
Clive Jones Museum 385
Columbia, NAWCC Museum, exhibition 604
Orchestron, Hupfield Helios 385

Medhurst, Anne 673
Medhurst, George 673
Medhurst, Thomas, plasterer 289
Medieval spring-driven clock 493
Medieval timekeeping 314
Meecham, P. A Longcase Clock by Pattison of Halifax, lecture 56
Meek, Rev. George, on a stolen clock 445
Meier, monumental clock 667
Meis, Reinhardt, Das Tourbillon, reviewed 543V18
Melville, Viscount, see Dundas, Henry V18
Mercer, F. A., letter (marine chronometer makers and suppliers) 202-203V18
Mercer, Thomas, chronometer makers 203V18
    AHS visit to 386V18
Metalwork Methods in Horology, lecture by Bertie McClure 391V18
Meuron, Gugielmo, mantel clock 343V18
Meyber, Helfried 544V18
Meyer Joseph 516V18
Micheli, Pietro, 1474 booklet 499, 500V18
Microcosmon, planetary clock by Torriano 513V18
Midhurst church, turret clock 287V18
Miklosch, Richard 544V18
Milan, Duke of, 508V18
    Milan, Museo Nazionale della Scienza Technica exhibition catalogue reviewed 431V18
Milan, St. Eustorgio, turret clock 488V18
Miles, R. H., report 57V18
Miles Robert biography 630V18
Miles: Tommy, Making and Piercing of Clock Hands, lecture 167V18
Millar, John, bracket clock stolen 444V18
Miller, William Edwards, collection 162V18
Milligan, Andrew, clockmaker 422V18
Mills, Dr. Alan, Astronomical Clocks, lecture 633V18
    Water Clocks, lecture 55-56V18
Mills & Jefferson, Leicester University clock 257-259V18
Mindelheim Museum, turret clock exhibition 195, 370V18
Miniature, 15th century 508V18
Minn, Henry 656V18
Mitchell, Arthur, biography 630V18
    reports 61-63, 283-284, 521-522V18
Mitford, Robert 626, 629V18
Mitford, W. Townley 606V18
Modena Cathedral, turret clock 493V18
Moderno da Cremona, clockmaker 489V18
Moglia, see Trinchero, Moglia & PavanelloV18
Molyneux &Cope, regulator 414V18
Monro, George, clockmaker 422V18
Montes, Mary, Brown Boots in Earlsdon, reviewed 657-658V18
Montegomerie of? 301V18
Month going see Long durationV18
Monumental astronomical clocks 667V18
Monza, Campanile, turret clock 493V18
Moon see Lunar indicationsV18
Moore of Clerkenwell, turret clock 284V18
Moore, F. M., watchpaper 281V18
Moors, The striking jacks 507V18
Morbier see ComtoiseV18
Moreau L’aisine of Paris, bracket clock, stolen 444V18
Morgan, J. Pierpont 401V18
Morgan, Octavius, collector 429V18
Morgan, Octavius, lecture by David Thompson 28V18
Morgan, Thomas, clockmaker 422V18
Morgan, Trevor, letter (hare & snail regulator) 203V18
Morteaup Museum 194V18
Morton, G., patent lever escapement 59V18
Moscow, Polytechnic Museum 667V18
Mosely, Maurice, railway clocks 37-38V18
<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moss, Thomas</td>
<td>Bracket clock</td>
<td>208</td>
</tr>
<tr>
<td>Mougin, A. D.</td>
<td>Mantel clock, stolen</td>
<td>558</td>
</tr>
<tr>
<td>Movement maker 'W'</td>
<td></td>
<td>669</td>
</tr>
<tr>
<td>Wycherly</td>
<td></td>
<td>669</td>
</tr>
<tr>
<td>Moxon, John</td>
<td>Clock for William Congreve</td>
<td>606</td>
</tr>
<tr>
<td>Moyse Hall</td>
<td>Bury St. Edmunds</td>
<td></td>
</tr>
<tr>
<td>Mudge, Thomas</td>
<td>Brackets</td>
<td>310</td>
</tr>
<tr>
<td></td>
<td>Gravity escapement</td>
<td>280</td>
</tr>
<tr>
<td></td>
<td>Watch with lever escapement</td>
<td>606</td>
</tr>
<tr>
<td>Mud e &amp; Dutton</td>
<td>Longcase clock</td>
<td>570</td>
</tr>
<tr>
<td></td>
<td>Regulator</td>
<td>520</td>
</tr>
<tr>
<td></td>
<td>Wall clock</td>
<td>107</td>
</tr>
<tr>
<td></td>
<td>Watch No. 1130</td>
<td>571</td>
</tr>
<tr>
<td>Mühe, Professor R.</td>
<td></td>
<td>434</td>
</tr>
<tr>
<td>Mulford, J. H.</td>
<td></td>
<td>528</td>
</tr>
<tr>
<td>Muller &amp; Joseph</td>
<td>Sale catalogues</td>
<td>141</td>
</tr>
<tr>
<td>Munich</td>
<td>Clock and watch makers</td>
<td>434, 548</td>
</tr>
<tr>
<td>Munro, David</td>
<td>The Development of Electronic Timekeeping, lecture</td>
<td>370</td>
</tr>
<tr>
<td>Mural circle, Jones of London</td>
<td></td>
<td>520</td>
</tr>
<tr>
<td>Murray, David</td>
<td>Clockmaker</td>
<td>422</td>
</tr>
<tr>
<td>Murray, James</td>
<td>Bracket clock, stolen</td>
<td>558</td>
</tr>
<tr>
<td>Museum</td>
<td>See under location of</td>
<td></td>
</tr>
<tr>
<td>Music for a medieval carillon</td>
<td></td>
<td>373-374</td>
</tr>
<tr>
<td>Musical boxes</td>
<td></td>
<td>604</td>
</tr>
<tr>
<td>Musical clocks</td>
<td>See also Mechanical music</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Musical clocks</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Anonymous, harp clock</td>
<td>195</td>
</tr>
<tr>
<td></td>
<td>Anonymous, skeleton clock</td>
<td>364</td>
</tr>
<tr>
<td></td>
<td>Anonymous, turret clock</td>
<td>167</td>
</tr>
<tr>
<td>Deacon, Samuel</td>
<td>Longcase clock</td>
<td>529-541</td>
</tr>
<tr>
<td>Ellicott of London</td>
<td>Bracket clock</td>
<td>338</td>
</tr>
<tr>
<td>Lindley, Thomas</td>
<td>Longcase clock</td>
<td>529-541</td>
</tr>
<tr>
<td>Lovelace, Jacob</td>
<td>Clock</td>
<td>516</td>
</tr>
<tr>
<td>Ludlam, W.</td>
<td>Longcase clock</td>
<td>529-541</td>
</tr>
<tr>
<td>Markwick, Markham of London</td>
<td>Bracket clock</td>
<td>132</td>
</tr>
<tr>
<td>Marriott, John</td>
<td>Longcase clock</td>
<td>466</td>
</tr>
<tr>
<td>Pistor, Edward</td>
<td>Bracket clock</td>
<td>588</td>
</tr>
<tr>
<td>Pringle of Edinburgh</td>
<td></td>
<td>282</td>
</tr>
<tr>
<td>Pyke, George</td>
<td></td>
<td>166</td>
</tr>
<tr>
<td>Robin of Paris</td>
<td></td>
<td>253</td>
</tr>
<tr>
<td>Symphonium Eroica</td>
<td></td>
<td>604</td>
</tr>
<tr>
<td>Thomas, Seth</td>
<td>Longcase clock</td>
<td>604</td>
</tr>
<tr>
<td>Wagstaff, Thomas</td>
<td>Bracket clock</td>
<td>16</td>
</tr>
<tr>
<td>Wehrle, Em &amp; Cie</td>
<td></td>
<td>332</td>
</tr>
<tr>
<td>Musical watch</td>
<td>Anonymous, with automata</td>
<td>567</td>
</tr>
<tr>
<td>Mycko &amp; Ehrhardts</td>
<td>Vintage American &amp; European Character Wrist Watch Price Guide, reviewed</td>
<td>542</td>
</tr>
<tr>
<td>Mystery clock</td>
<td>Anonymous, American</td>
<td>549</td>
</tr>
<tr>
<td></td>
<td>Anonymous, oscillating figure</td>
<td>248</td>
</tr>
<tr>
<td>Nairn, Thomas</td>
<td></td>
<td>291</td>
</tr>
<tr>
<td>Nairne, Edward</td>
<td>Universal equinoctial sundial</td>
<td>136</td>
</tr>
<tr>
<td>Nash</td>
<td>Hardeman &amp; Nash</td>
<td></td>
</tr>
<tr>
<td>National Association of Goldsmiths</td>
<td></td>
<td>600</td>
</tr>
</tbody>
</table>
Neale, J. A., reports 162, 164, 278, 631

Needham, Gwei-djen, Combridge & Major, The Hall Of Heavenly Records, reviewed 187

Nef see Ship

Negretti & Zambra, Barometer Makers, lecture by William Read 636

Netherlands, clockmaking in the 434

Newcastle Cathedral, turret clock 387

Newell, Dr. John, Striking Mechanisms, lecture 165

Newey, Geoffrey, turret clock 284

Newsome & Co., watch No.124774 workshop 399

Niccolo III d'Este, inventory 498

Nicole Nielsen, carriage clocks, Nos. 11553, 11554, 11556, 11558, 11559, 12080 310

Nielsen see also Nicole Nielsen

Nielsen, Emile, watch for Frodsham 127

Nielson of? 301

Night clock

Campanus, Petrus Thomas 246

Tompion, Thomas 133, 143-144

Noctuary, Smith, John & Sons 315

Norrie, David, clockmaker 422

Norris, Joseph, longcase clock 195

Norton, Eardley, astronomical clock 573, 605

bracket clock 310

bracket clock, stolen 445

watch, Swiss made 435

Nourisson, Guillaume 85

Novara see Jacopus da Novara

Nutting, William 197

Nylander, Gustaf 415

O

Oakes, William, letter (Cooke's Patent Sunclock) 557

Obituary

Belcher, Duncan 602

Dowler, Dr. Graham 257

Fremersdorf, Joseph 31, 370

Grötzsch, Dr. Helmut 370

Hagans, Orville R. 140

Oliver, Richard 259, 436

Paller, Leonard 257

Trundell, Edward 259

Ward, Dr. Frank 602-603

Whatmoor, Philip 484

Wilson, Paul 31

Observatory

Armagh 519, 638

Brisbane's, Sir Thomas 618

Cambridge, Maddingly Road 620, 628

Cape Town 620

Dunsink 520

Edinburgh, Calton Hill 626

Fyvie Castle 619

Glasgow, Garnet Hill 616

Greenwich Royal, 147, 614

Harvard University 32, 526
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Hussey’s at Hayes 624\textsuperscript{V18}
Kinfauns Castle 626\textsuperscript{V18}
Markestown 624\textsuperscript{V18}
Prague 666\textsuperscript{V18}
Richmond, George Ill’s 147\textsuperscript{V18}
Sydney, Paramatta 618\textsuperscript{V18}
Uppsala, Sweden 411\textsuperscript{V18}
Washington, Seaton 611, 615\textsuperscript{V18}
West Point 615\textsuperscript{V18}
Wilno University 619\textsuperscript{V18}
Wrottesley’s at Blackheath 624\textsuperscript{V18}
Zi-Ka-Wei 381\textsuperscript{V18}

Odlanicki, Marcin Poczobut 619\textsuperscript{V18}
Oechsle, Russ, book review 658\textsuperscript{V18}
Oils see lubricants\textsuperscript{V18}
Olibrius 555\textsuperscript{V18}
Olivé, Eduard Farré A Medieval Catalan Clepsydra and Carillon 371-380\textsuperscript{V18}
Oliver, Richard, obituary 259, 436\textsuperscript{V18}
Ombre e il Tempo by Trinchero, Moglia & Pavanello, reviewed 426\textsuperscript{V18}
Omega, wrist-watches 654, 664\textsuperscript{V18}
Omniamery, Admiral 455\textsuperscript{V18}
Optician, nautical 202\textsuperscript{V18}
Orchestron, Hopfield Helios 385\textsuperscript{V18}
Orel-Micro Electric Ltd., clock 61\textsuperscript{V18}
Orr, William 552\textsuperscript{V18}
Orrery clock, Castel, M 131, 142\textsuperscript{V18}
Tompion & Graham 53-54\textsuperscript{V18}
Orvieto Cathedral 487\textsuperscript{V18}
strike clock 490\textsuperscript{V18}
turret clock 493-494\textsuperscript{V18}
Orvieto, Convent of San Domenico, turret clock 487\textsuperscript{V18}
Osmond, Richard, longcase clock, stolen 678\textsuperscript{V18}
Oughtred, William 325\textsuperscript{V18}
Oxford, Ashmolean Museum, AHS visit 168, 633\textsuperscript{V18}
Oxford, Bodleian Library 377\textsuperscript{V18}
manuscript 341\textsuperscript{V18}
Oxford, Museum of the History of Science,\textsuperscript{V18} Acland, Sarah, photographs 653\textsuperscript{V18}
AHS Visit 167, 633\textsuperscript{V18}
Parsons, Col. William, protractors 197\textsuperscript{V18}
Oxford, New College, turret clock 167\textsuperscript{V18}
Oxford, St. Cross Church 167\textsuperscript{V18}
Oxford, Wadham College, turret clock 168, 633\textsuperscript{V18}
Oxlin, Herman, 1923, inscribed on a stolen clock 444\textsuperscript{V18}
Ozanam, Jacques, universal sundials 171-177\textsuperscript{V18}

P
Pace, Henry, longcase clock 549\textsuperscript{V18}
Padua see Antonio di Padova\textsuperscript{V18}
Padua, Municipal tower, turret clock 490\textsuperscript{V18}
Padua, Palazzo del Capitano, turret clock 492\textsuperscript{V18}
Page, John, watch No.1688, stolen 677\textsuperscript{V18}
Paget-Wade, Charles, collection 386\textsuperscript{V18}
Pain, John Terril, watchcase maker 571\textsuperscript{V18}
Paller, Leonard, An Unusual Combination obituary 296-297\textsuperscript{V18}
<table>
<thead>
<tr>
<th>Name</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pallet-cutting engine, Rotherham's</td>
<td>403^V18</td>
</tr>
<tr>
<td>Paris, 1889 exhibition</td>
<td>403^V18</td>
</tr>
<tr>
<td>Parkes, Daniel, retirement</td>
<td>88^V18</td>
</tr>
<tr>
<td>Parkin of Lancaster</td>
<td>315^V18</td>
</tr>
<tr>
<td>Parkinson of London ? railway clocks</td>
<td>36, 37^V18</td>
</tr>
<tr>
<td>Parkinson &amp; Frodsham, railway clock</td>
<td>37^V18</td>
</tr>
<tr>
<td>regulators</td>
<td>385, 577^V18</td>
</tr>
<tr>
<td>wall clock No.3605</td>
<td>278^V18</td>
</tr>
<tr>
<td>watch</td>
<td>101^V18</td>
</tr>
<tr>
<td>Parquetry case,</td>
<td>^V18</td>
</tr>
<tr>
<td>Fromanteel, John (attrib)</td>
<td>354^V18</td>
</tr>
<tr>
<td>Tompion, Thomas, longcase clock</td>
<td>133, 143-144^V18</td>
</tr>
<tr>
<td>Parr, Dr. D. R.,</td>
<td>^V18</td>
</tr>
<tr>
<td>Clocks of the London, Brighton and South Coast Railway</td>
<td>35-51^V18</td>
</tr>
<tr>
<td>letter (Giles Coates)</td>
<td>438^V18</td>
</tr>
<tr>
<td>Parr’s Banking Co. Ltd.</td>
<td>300^V18</td>
</tr>
<tr>
<td>Parsons, Colonel William</td>
<td>197, 321^V18</td>
</tr>
<tr>
<td>Pascal lamb, on a watch dial</td>
<td>178^V18</td>
</tr>
<tr>
<td>Patek, Antoine Norbert de, portrait</td>
<td>99^V18</td>
</tr>
<tr>
<td>Patek Philippe &amp; Co,</td>
<td>^V18</td>
</tr>
<tr>
<td>Calibre '89 chronometer watch</td>
<td>239^V18</td>
</tr>
<tr>
<td>chronometer watch</td>
<td>99^V18</td>
</tr>
<tr>
<td>sale catalogue</td>
<td>141^V18</td>
</tr>
<tr>
<td>wrist-chronographs</td>
<td>19, 360^V18</td>
</tr>
<tr>
<td>wrist-chronograph/tachometer</td>
<td>359^V18</td>
</tr>
<tr>
<td>wrist-watches</td>
<td>214, 337, 449^V18</td>
</tr>
<tr>
<td>wrist-watch No.9240053</td>
<td>221^V18</td>
</tr>
<tr>
<td>wrist-watch No.1119384</td>
<td>221^V18</td>
</tr>
<tr>
<td>Patent,</td>
<td>^V18</td>
</tr>
<tr>
<td>Brocot, various</td>
<td>667^V18</td>
</tr>
<tr>
<td>Cooke's Sun clock</td>
<td>557, 671-672^V18</td>
</tr>
<tr>
<td>Cummins, Charles, escapement</td>
<td>32^V18</td>
</tr>
<tr>
<td>Dent, 'staple' balance</td>
<td>122^V18</td>
</tr>
<tr>
<td>Hatot, Leon, pendulum clock</td>
<td>61, 62^V18</td>
</tr>
<tr>
<td>Koosen &amp; Johnson, motor</td>
<td>319^V18</td>
</tr>
<tr>
<td>Morton, G., lever escapement</td>
<td>59^V18</td>
</tr>
<tr>
<td>Murday, balance</td>
<td>101^V18</td>
</tr>
<tr>
<td>Silverston, F. watch</td>
<td>669-670^V18</td>
</tr>
<tr>
<td>Steuart, Alexander, clock</td>
<td>319^V18</td>
</tr>
<tr>
<td>Thicthener, W. J., escapement</td>
<td>211^V18</td>
</tr>
<tr>
<td>Yates, Thomas, watch</td>
<td>199, 556^V18</td>
</tr>
<tr>
<td>Young, James, winding mechanism &amp; escapement</td>
<td>317-318^V18</td>
</tr>
<tr>
<td>Patent Agent</td>
<td>388^V18</td>
</tr>
<tr>
<td>Patents, marine Chronograph</td>
<td>397^V18</td>
</tr>
<tr>
<td>Patents, lecture by Charles Aked</td>
<td>388^V18</td>
</tr>
<tr>
<td>Paton, Leslie, letter (AHS-BHI amalgamation)</td>
<td>670^V18</td>
</tr>
<tr>
<td>letter, (Synchronome master clocks)</td>
<td>200-201^V18</td>
</tr>
<tr>
<td>Pattison of Halifax, longcase clock</td>
<td>56^V18</td>
</tr>
<tr>
<td>Pavanello see Halifax, Moglia &amp; Pavanello</td>
<td>^V18</td>
</tr>
<tr>
<td>Payne of Oxford</td>
<td>656^V18</td>
</tr>
<tr>
<td>Payne, William, bracket clock, stolen</td>
<td>208</td>
</tr>
<tr>
<td>Pearson, Dr. William</td>
<td>611, 618, 628^V18</td>
</tr>
<tr>
<td>Pearson-Page of Birmingham, water clocks</td>
<td>56^V18</td>
</tr>
<tr>
<td>Pedestal clock, Wehrle, Em. &amp; Cie.</td>
<td>332^V18</td>
</tr>
<tr>
<td>Pegler, Martin</td>
<td>618^V18</td>
</tr>
<tr>
<td>Pembroke, George, watch No.4324, stolen</td>
<td>677^V18</td>
</tr>
</tbody>
</table>

Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Pendulum Clock, The Early History of lecture by Will Andrewes</th>
<th>30 (^{V18})</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pendulum The Free, lecture by Henry Marcoolyn</td>
<td>283 (^{V18})</td>
</tr>
<tr>
<td>Pennycuik clock</td>
<td>183 (^{V18})</td>
</tr>
<tr>
<td>Penlington &amp; Hutton, skeleton clock</td>
<td>14 (^{V18})</td>
</tr>
<tr>
<td>Penney, David</td>
<td>book reviews etc. 85, 190-193, 196, 312-316, 427, 431, 434-436, 545, 547, 661, 663 (^{V18})</td>
</tr>
<tr>
<td></td>
<td>drawings 73, 106, 339, 375 (^{V18})</td>
</tr>
<tr>
<td></td>
<td>English Watchmaking, lecture 58 (^{V18})</td>
</tr>
<tr>
<td></td>
<td>Horological Illustrations, Old and New, lecture 370, 635 (^{V18})</td>
</tr>
<tr>
<td></td>
<td>report 515 (^{V18})</td>
</tr>
<tr>
<td>Pennington, Robert, chronometer maker</td>
<td>472, 629 (^{V18})</td>
</tr>
<tr>
<td>Percival, Arthur, letter (Faversham clock and watch makers)</td>
<td>94-95 (^{V18})</td>
</tr>
<tr>
<td>Perigal, Francis, bracket clock</td>
<td>238 (^{V18})</td>
</tr>
<tr>
<td></td>
<td>watch 440 (^{V18})</td>
</tr>
<tr>
<td>Perpignan, turret clock</td>
<td>494 (^{V18})</td>
</tr>
<tr>
<td>Petite sonnerie, (^{V18})</td>
<td>anonymous, carriage clock No. 7851 558 (^{V18})</td>
</tr>
<tr>
<td></td>
<td>Dent of London, chronometer watch 686 (^{V18})</td>
</tr>
<tr>
<td></td>
<td>Jones, Henry, long case clock 83 (^{V18})</td>
</tr>
<tr>
<td></td>
<td>Patek Philippe &amp; Co., Calibre '89 watch 239 (^{V18})</td>
</tr>
<tr>
<td>Petition of the Edinburgh Watchmakers to Parliament 1797-98 by Donald Whyte</td>
<td>417-422 (^{V18})</td>
</tr>
<tr>
<td>Petrarch, Francesco, poet</td>
<td>492, 495 (^{V18})</td>
</tr>
<tr>
<td>Pfaff, Andreas, chaise watch</td>
<td>453, 548 (^{V18})</td>
</tr>
<tr>
<td>Pforzheim, exhibition, 1967</td>
<td>31 (^{V18})</td>
</tr>
<tr>
<td>Philip of?</td>
<td>301 (^{V18})</td>
</tr>
<tr>
<td>Philippe, Jean Antoine, portrait</td>
<td>99 (^{V18})</td>
</tr>
<tr>
<td>Philippe Le Bel of France</td>
<td>489 (^{V18})</td>
</tr>
<tr>
<td>Philipson, Henry, regulator No.1381?</td>
<td>659 (^{V18})</td>
</tr>
<tr>
<td>Phillips, Edouard</td>
<td>155, 550 (^{V18})</td>
</tr>
<tr>
<td>Photograph, early examples</td>
<td>92 (^{V18})</td>
</tr>
<tr>
<td></td>
<td>early wrist-watch 653 (^{V18})</td>
</tr>
<tr>
<td>Photography, Horological, lecture by Robert Heslip</td>
<td>59 (^{V18})</td>
</tr>
<tr>
<td>Picture-frame clock, (^{V18})</td>
<td>anonymous, stolen 94 (^{V18})</td>
</tr>
<tr>
<td></td>
<td>Martineau of Paris ? 183 (^{V18})</td>
</tr>
<tr>
<td>Pierce, Thomas, epitaph</td>
<td>206 (^{V18})</td>
</tr>
<tr>
<td>Pierret, Victor Athanase, mantel clock</td>
<td>255 (^{V18})</td>
</tr>
<tr>
<td>Pinon, Charles Athanase carriage clock</td>
<td>244 (^{V18})</td>
</tr>
<tr>
<td>Pipelart, Pierre, clockmaker</td>
<td>489 (^{V18})</td>
</tr>
<tr>
<td>Pippard, Sir Brian, The Foucault Pendulum, lecture</td>
<td>63 (^{V18})</td>
</tr>
<tr>
<td>Pipping, G., The Graham Clock of Uppsala Observatory in Sweden</td>
<td>411416 (^{V18})</td>
</tr>
</tbody>
</table>
Pistor, Edward, bracket clock \(588^{\text{V18}}\)
Pius V, Pope \(513^{\text{V18}}\)
Plaister, John, Turret Clocks, lecture \(518^{\text{V18}}\)
Planetarium, anonymous, 13th century \(486^{\text{V18}}\)
Hahn, Philipp Matthaus \(86^{\text{V18}}\)
Romer, Ole \(369^{\text{V18}}\)
Torriano, Gianello, Microcosmon \(513^{\text{V18}}\)
Planman, Prof. Anders \(414^{\text{V18}}\)
Player, J. & Son, astronomical watch \(400^{\text{V18}}\)
watchmakers \(401^{\text{V18}}\)
Poliziano, poet \(503^{\text{V18}}\)
Pomeroy, L., clockmaker \(165^{\text{V18}}\)
Pond, John, Astronomer Royal \(316, 610, 614^{\text{V18}}\)
Pondeto see Stefano da Pondeto \(614^{\text{V18}}\)
Ponsford, Clive \(168^{\text{V18}}\)
report \(280-281^{\text{V18}}\)
Pontevico see Comino da Pontevico \(614^{\text{V18}}\)
Porthouse of Penrith, clockmaker \(668^{\text{V18}}\)
Portrait see also Biography \(614^{\text{V18}}\)
portrait
Acland, Mrs. Frank \(653^{\text{V18}}\)
Howard, Bernard \(67^{\text{V18}}\)
Kratzer, Nicholas \(73^{\text{V18}}\)
Leo X, Pope \(509^{\text{V18}}\)
Patek, Antoine Norbert De \(90^{\text{V18}}\)
Philippe, Jean Adrien \(90^{\text{V18}}\)
Rotherham, Hugh \(408^{\text{V18}}\)
Portrush, sundial \(638^{\text{V18}}\)
Potter, Albert H., watchmaker \(544^{\text{V18}}\)
Potter, Harry, watch No.151, stolen \(677^{\text{V18}}\)
Potts of Leeds, carriage clock \(387^{\text{V18}}\)
turret clock \(392^{\text{V18}}\)
Potts Family of Turret Clock Makers, lecture by M. Potts \(387^{\text{V18}}\)
Potts, James, clockmaker \(387^{\text{V18}}\)
Potts, Joseph, clockmaker \(387^{\text{V18}}\)
Potts, Robert, clockmaker \(387^{\text{V18}}\)
Potts, Robert, junior, clockmaker \(387^{\text{V18}}\)
Potts, William, clockmaker \(387^{\text{V18}}\)
Poulley, A. & H., longcase clock, stolen \(445^{\text{V18}}\)
Roy, Godfrie, watch No.337, stolen \(677^{\text{V18}}\)
Prague, National collection of scientific instruments \(667^{\text{V18}}\)
Prague Observatory \(666^{\text{V18}}\)
Pratt, Derek, watchmaker \(667^{\text{V18}}\)
tourbillon escapement \(369^{\text{V18}}\)
Prendel, R., Walter \(544^{\text{V18}}\)
Prescot of? \(301^{\text{V18}}\)
Prescot Mechanism Company \(551^{\text{V18}}\)
Prescot Museum, Bergier Le Jeune, mantel clock \(109^{\text{V18}}\)
Exhibition, Continental Clocks and Watches, 1989 \(34, 124, 254^{\text{V18}}\)
Library purchase \(29^{\text{V18}}\)
Presentation watch, by Geoffrey Crabtree \(178-180^{\text{V18}}\)
Prestige, Sir John, collection \(339^{\text{V18}}\)
Preston, Lancs., Town hall turret clock \(387^{\text{V18}}\)
Preston, Jonathan, watchmaker \(299, 301^{\text{V18}}\)
Preston, Joseph & Sons, by Charles Aked \(298-306^{\text{V18}}\)
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

letters concerning 440-442
R. J. Law 551
Prevost, Louys, calendar watch 125
Price Guide to Watches, Official, by Cooksey, Shugart & Engle, review 312
Pride, Walter 206
Principles of Mr. Harrison's Time-Keeper, by John Harrison, facsimile reprint, reviewed 661
Pringles of Edinburgh,
  longcase clock 515
  organ clock 282
Prior, Edward, watch No.54188, stolen 677
Prior, George & Edward, watch numbering series 319-321
Prior, John, alarm mechanism 315
Programme 1989 64, 169, 285
Programme 1990 395, 523, 639
Prontonius Apostolicus see Gyraldus
Protractors, Parsons, Col., William 197
Pryor of? 301
Public clocks see turret clocks
Pudsey, Yorks., parish church, turret clock 387
Punch mark see also watch case maker
Punch-mark, ATO 260
  CWMC 404
  PW 510
  RJO 260
  TB 278
  WM 348
Punnett, John 288
Punnett, Thomas 287, 288
Purdue, Thomas, epitaph 206
PW 510
Pybus, Harry, obituary 302-303, 440-442, 551
Pyke, George, organ clock 166
Q
Quadrant, anonymous, 15th century, illustrated 508
  Bird, John 414
Quaife, Thomas, clockmaker 292
  watch 207
Quare, Daniel
  bracket clock, ebony veneered case 132
  bracket clock, kingwood veneered case 132
  bracket clock, Tompion style 366
  longcase clock, six-month 481
  longcase clock No.145 310
  miniature travelling clock - 606
  numbering system for clocks 206
  watch No.3287 667
Quare & Horsemann, watches from Richard Wright 198
Quarter repeat see Repeat, quarter
Quilliam, S., watch 199
R
Racine, Jules 664
Radio controlled clocks 323, 436
Railroad watch 195
Railway
  London, Brighton & South Coast 35
  Oxford, Worcester & Wolverhampton 38
Railway Electric Clock Systems, lecture by L. Rubie 521
Railway timekeeping 195, 549
Raino, Manuel del 202
Rainieri, Giampaulo, clockmaker 505
Rainieri, Gian Carlo, clockmaker 507
Raithby, Lincs., turret clock 392
Ramage, James 422
Ramsay, David, watchmaker 435
Randall, Anthony, clockmaker 441, 617
book reviews 85-86, 194, 544, 549, 667
Carriage clock 58
The Technology of John Harrison's Portable Timekeepers 145-160, 261-277
Twenty-five Years with the Horological Virus, lecture 279
Ranger, Carl, inscribed on a stolen clock 588
Raphael, portrait of Pope Leo X 509
Rawlins, John, longcase clock 195
Ray, Daniel, clockmaker 292
Ray, William, clockmaker 292
Raymond of London, regulator (Hardy No.2) 613
Read, Jonathan, collection 26
Read, William, Negretti & Zambra, Barometer Makers, lecture 636
Recordon, Louis, regulator 520
Reddyhoff, George, report 636
Redfern, John 617
letter (William Hardy) 316-317
reports 54, 386-387
Redman, Professor R. O. 620
Redstall, Francis, clockmaker 315
Reed see Thwaites & Reed
Reeves, Benjamin, clockmaker 291
Reggio, Emilia, turret clock 507
Regina bell-chime, movement 604
Regina mechanical music machine 58, 385
Regiomontanus (attrib), astrolabe dated 1462 336
Regional Furniture Society 322
Regulation, rise-and-fall 460, 462
Regulator see also Vienna regulator
Regulator, anonymous, French 117
Berthoud, Ferdinand 224
Breguet, A. L., double pendulum 85
Brock, James 223
Bryson, Alexander & Robert 9
Buchanan, Archibald 520
Catherwood, Thomas (Earnshaw) 280
Clarke, Richard, 454
Coates, Giles 318
Crosthwaite of Dublin 520, 638
Cummins, Charles 32
De La Fons of London 515
Dent & Co., year going 549
Donaldson, J. & P. 435
Dutton, William 126
Dutton, William (Pencuik) 183
Earnshaw, Thomas 222, 280
Earnshaw, Thomas, Armagh, Observatory 520, 638
Ernst, Peter No.434 414
Fasoldt, Charles No.3 521
Graham, George, Uppsala Observatory 411-416
Hardy, William 222, 316, 515
Hardy William, known examples, article by Charles Allix 607-629
Harrison, John (RAS) 612
Holmden, John 437
Holmes, John 475
Janvier of Paris 431
Lange, Christian 674
Mansfield, Thomas 594
Molyneux & Cope 414
Mudge & Dutton 520
Parkinson & Frodsham 385, 577
Philipson, Henry, No.1381? 659
Raymond of London 613
Recordon, Louis 520
Reid & Auld, various 181-182, 370, 617, 625-628
Reid, Thomas 181, 182, 370, 624
Reid, Thomas, Kinfauns Castle 624, 625
Riefler 280
Sharp of Dublin 520
Shelton, John 520
Shelton, John (Armagh) 638
Thwaites, John, No.388 353
Tompion, Thomas (Greenwich Observatory) 279
Walker, John 38
Waugh, Alexander 520
Wright, Thomas, No.13? 245
Regulator, mantel, 1
Robin of Paris 459
Wright, William 38
Regulator, wall, Lechner of Pesten 113
Regulators, The History of, lecture by John Martin 279
Reid & Auld, regulators 181-182, 370, 617, 625-628
Reid Thomas 422, 617
letters to B. L. Vulliamy 627-629
longcase clock 182, 182, 370, 624
reight, Thomas, 245
Regulators, mantel, 1
Robin of Paris 459
Wright, William 38
Regulator, wall, Lechner of Pesten 113
Regulators, The History of, lecture by John Martin 279
Reid & Auld, regulators 181-182, 370, 617, 625-628
Reid Thomas 422, 617
letters to B. L. Vulliamy 627-629
longcase clock 182, 182, 370, 624
Reid, William 628
Relojes de Sol Diseño y Construcciones de, by Rafael Soler Gaya, review 312
Remand, Admiral 455
Remontoire, 1
anonymous table clock 1
Harrison, John, Timekeeper H2 150
Harrison, John, Timekeeper H3 159
Robin of Paris, mantel regulator 459
Rentsch, Sigismund, watchmaker 318
Repeat, dumb Breguet, Abraham Louis, watch No.5/85 125
Repeat, half-quarter, 1
Breguet et Fils watch No.3444 344
Lepine, Jean Antoine, watch 28
Vulliamy, Justin watch No. xcc 677
Repeat, minute, 1
Audemars, Louis, watch 217
<table>
<thead>
<tr>
<th>Item</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dent of London, chronometer watch No.32573</td>
<td>85, 686</td>
</tr>
<tr>
<td>Frodsham, Charles, chronometer watch No.08442</td>
<td>127</td>
</tr>
<tr>
<td>Leroy of Paris, chronometer watch</td>
<td>103</td>
</tr>
<tr>
<td>Patek Philippe &amp; Co., Calibre '89 watch</td>
<td>239</td>
</tr>
<tr>
<td>Pfab, Abdreas, chaise watch</td>
<td>453</td>
</tr>
<tr>
<td>Reymond Frères, carriage clock</td>
<td>86</td>
</tr>
<tr>
<td>Repeat, quarter</td>
<td></td>
</tr>
<tr>
<td>anonymous, Austrian bracket clock</td>
<td>18</td>
</tr>
<tr>
<td>Barnett, John, bracket clock</td>
<td>108, 569</td>
</tr>
<tr>
<td>Breguet et fils, watch No.3248</td>
<td>21</td>
</tr>
<tr>
<td>Chater, Richard, bracket clock</td>
<td>473</td>
</tr>
<tr>
<td>Descharmes, Simon, bracket clock</td>
<td>460</td>
</tr>
<tr>
<td>Drabble, Joshua, bracket clock</td>
<td>228</td>
</tr>
<tr>
<td>Fromanteel, Abraham, bracket clock</td>
<td>355</td>
</tr>
<tr>
<td>Graham, George, No.618</td>
<td>579</td>
</tr>
<tr>
<td>Jones, Henry, bracket clock</td>
<td>461</td>
</tr>
<tr>
<td>Jullion of Brentford, bracket clock</td>
<td>467</td>
</tr>
<tr>
<td>King, William, bracket clock</td>
<td>335</td>
</tr>
<tr>
<td>Knibb, Joseph, bracket clock</td>
<td>340</td>
</tr>
<tr>
<td>Le Roy of Paris, chaise watch</td>
<td>120</td>
</tr>
<tr>
<td>McCabe, James, watch No.7968</td>
<td>677</td>
</tr>
<tr>
<td>Meuron, Gugielmo, mantel clock</td>
<td>343</td>
</tr>
<tr>
<td>Perigal, Francis, bracket clock</td>
<td>238</td>
</tr>
<tr>
<td>Perigal, Francis, watch</td>
<td>440</td>
</tr>
<tr>
<td>Quare, Daniel, bracket clock</td>
<td>366</td>
</tr>
<tr>
<td>Tompion, Thomas, bracket clock</td>
<td>233</td>
</tr>
<tr>
<td>Tompion, Thomas, bracket clock No.121</td>
<td>585</td>
</tr>
<tr>
<td>Tompion, Thomas, bracket clock No.531</td>
<td>565</td>
</tr>
<tr>
<td>Toulmin, Samuel, wall clock</td>
<td>362</td>
</tr>
<tr>
<td>Watson, Samuel, bracket clock</td>
<td>241</td>
</tr>
<tr>
<td>Restoration, Detection, Decisions &amp; Ethics, lecture by Ken Chapelle</td>
<td>632</td>
</tr>
<tr>
<td>Restoration Game, The, lecture by Gerard McBrierty</td>
<td>59</td>
</tr>
<tr>
<td>Restoration of Clock Cases, The, lecture by Gerard McBrierty</td>
<td>283</td>
</tr>
<tr>
<td>Restoration of Clocks, lecture Kenneth Chapelle</td>
<td>282</td>
</tr>
<tr>
<td>Restoration, Some Practical Aspects, lecture by Michael Smith</td>
<td>632</td>
</tr>
<tr>
<td>Revolutionary dial see Dial, Revolutionary</td>
<td></td>
</tr>
<tr>
<td>Revolutionary calendar see Calendar, revolutionary</td>
<td></td>
</tr>
<tr>
<td>Reymond Frères, carriage clock</td>
<td>86</td>
</tr>
<tr>
<td>Reynolds see also Lilly &amp; Reynolds</td>
<td></td>
</tr>
<tr>
<td>Reynolds, W. M., longcase clock</td>
<td>668</td>
</tr>
<tr>
<td>Rhodes Memorial Lecture</td>
<td>151</td>
</tr>
<tr>
<td>Richard of Wallingford's Clock, lecture by Peter Haward</td>
<td>370</td>
</tr>
<tr>
<td>Richards of ? railway clocks</td>
<td>37</td>
</tr>
<tr>
<td>Richards, Charles, watch No.1091</td>
<td>203</td>
</tr>
<tr>
<td>Richardson, E., clockmaker</td>
<td>422</td>
</tr>
<tr>
<td>Richardson, George, clockmaker has a chime</td>
<td>472</td>
</tr>
<tr>
<td>Richardsonson, John, longcase clock</td>
<td>443</td>
</tr>
<tr>
<td>Richer, Jean, astronomer</td>
<td>412</td>
</tr>
<tr>
<td>Richmond, George III's Observatory</td>
<td>147</td>
</tr>
<tr>
<td>Richmond of Paris, mantel clock, stolen</td>
<td>444</td>
</tr>
<tr>
<td>Rickard, E., bracket clock</td>
<td>679</td>
</tr>
<tr>
<td>Riefler, regulators</td>
<td>280</td>
</tr>
<tr>
<td>Rigby, Lt. Col. T., letter (AHS-BHI amalgamation)</td>
<td>555</td>
</tr>
<tr>
<td>Starting a Clock Business, lecture</td>
<td>637</td>
</tr>
<tr>
<td>Rimler, Max, report</td>
<td>61</td>
</tr>
<tr>
<td>Ring watch</td>
<td></td>
</tr>
<tr>
<td>anonymous, belonging to Emperor Charles V</td>
<td>512</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Capobianco, Giovanni</td>
<td>511</td>
</tr>
<tr>
<td>Woeiriot, Pierre</td>
<td>510</td>
</tr>
<tr>
<td>Ripoll Monastery</td>
<td>379</td>
</tr>
<tr>
<td>Rise and fall see Regulation</td>
<td>V18</td>
</tr>
<tr>
<td>Ritchie of Edinburgh, up-and-down indicator</td>
<td>624-625</td>
</tr>
<tr>
<td>Ritchie, F. J., sympathetic pendulum</td>
<td>435</td>
</tr>
<tr>
<td>Ritchie, James &amp; Son, clockmakers</td>
<td>422</td>
</tr>
<tr>
<td>Ritchie, James, Shop Records, lecture by Alun Davies</td>
<td>518</td>
</tr>
<tr>
<td>Robb, William, longcase clock</td>
<td>236</td>
</tr>
<tr>
<td>Robert, Anglicus</td>
<td>372</td>
</tr>
<tr>
<td>Roberts, John, clockmaker</td>
<td>291</td>
</tr>
<tr>
<td>Roberts, Kenneth</td>
<td>V18</td>
</tr>
<tr>
<td>Joseph Ives and His Contribution to Connecticut Clock Technology, review</td>
<td>192</td>
</tr>
<tr>
<td>Jonathan Clark Brown and the Forestville Manufacturing Company, lecture</td>
<td>163, 165, 281</td>
</tr>
<tr>
<td>Roberts, R. E., turret clock</td>
<td>389</td>
</tr>
<tr>
<td>Robertson, William, clockmaker</td>
<td>422</td>
</tr>
<tr>
<td>Robin of Paris, mantel clock</td>
<td>253</td>
</tr>
<tr>
<td>mantel regulator</td>
<td>459</td>
</tr>
<tr>
<td>Robins, Fabian, longcase clock, stolen</td>
<td>95</td>
</tr>
<tr>
<td>Robinson, of?</td>
<td>301</td>
</tr>
<tr>
<td>Robinson, Archbishop</td>
<td>519</td>
</tr>
<tr>
<td>Robinson, Tom, biography</td>
<td>52</td>
</tr>
<tr>
<td>English Clocks in the Fitzwilliam Museum, lecture</td>
<td>57</td>
</tr>
<tr>
<td>letter (Tompion watch)</td>
<td>324</td>
</tr>
<tr>
<td>Tompion, A Documented Watch</td>
<td>67-71</td>
</tr>
<tr>
<td>Robinson, Professor John, letter (Bidlake of London)</td>
<td>92</td>
</tr>
<tr>
<td>Rockenhausen Museum</td>
<td>434</td>
</tr>
<tr>
<td>Rockford, Time Museum</td>
<td>V18</td>
</tr>
<tr>
<td>Hardy regulator</td>
<td>617</td>
</tr>
<tr>
<td>sale of clocks</td>
<td>32</td>
</tr>
<tr>
<td>Rogers, Paul, letter (Brand, Job n, longcase clock)</td>
<td>669</td>
</tr>
<tr>
<td>Rohr, Rene R.J., The Universal Sundials of Jacques Ozanam</td>
<td>171477</td>
</tr>
<tr>
<td>Rolex, Oyster chronograph</td>
<td>359</td>
</tr>
<tr>
<td>Prince wrist-watch</td>
<td>214, 449</td>
</tr>
<tr>
<td>wrist-watch, centre seconds</td>
<td>221</td>
</tr>
<tr>
<td>wrist-watches</td>
<td>196</td>
</tr>
<tr>
<td>Rolling-ball clock, anonymous</td>
<td>465</td>
</tr>
<tr>
<td>Frodsham of London</td>
<td>438-439</td>
</tr>
<tr>
<td>Romer, Ole, lecture by Soren Anderson</td>
<td>370</td>
</tr>
<tr>
<td>Romer, Ole, planetarium</td>
<td>369</td>
</tr>
<tr>
<td>Rondeau, Rene, The Watch of the future, reviewed</td>
<td>432</td>
</tr>
<tr>
<td>Rose, Ron, The English Dial Clock, reviewed</td>
<td>188</td>
</tr>
<tr>
<td>Roskell (Robert?)</td>
<td>203</td>
</tr>
<tr>
<td>Rotherham of Coventry</td>
<td>397-398, 401-403</td>
</tr>
<tr>
<td>Rotherham of London, wrist-watch, No.258340</td>
<td>409</td>
</tr>
<tr>
<td>Rotherham, Hugh, portrait</td>
<td>408</td>
</tr>
<tr>
<td>Rotherham &amp; Sons, movement machine room</td>
<td>402</td>
</tr>
<tr>
<td>pallet-cutting machine</td>
<td>403</td>
</tr>
<tr>
<td>Routleigh, George, epitaph</td>
<td>205, 324</td>
</tr>
<tr>
<td>Rowley, A. &amp; H., bracket clock stolen</td>
<td>558</td>
</tr>
<tr>
<td>Royal Air Force, operations room wall clock</td>
<td>189</td>
</tr>
</tbody>
</table>

**Notes:**
- V18 indicates the volume number.
<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Royal Astronomical Society</td>
<td>611⁷¹⁸</td>
</tr>
<tr>
<td>Royal Geographical Society, chronometer watch No 5 by Don Levison</td>
<td>423-425⁷¹⁸</td>
</tr>
<tr>
<td>Royal Miscellany, A, exhibition</td>
<td>605⁷¹⁸</td>
</tr>
<tr>
<td>Royal Society</td>
<td>610⁷¹⁸</td>
</tr>
<tr>
<td>Royal Swedish Academy of Sciences</td>
<td>414⁷¹⁸</td>
</tr>
<tr>
<td>Royaumont see Journe &amp; Royaux⁷¹⁸</td>
<td></td>
</tr>
<tr>
<td>Rubie, L., Railway Electric Clock Systems, lecture</td>
<td>521⁷¹⁸</td>
</tr>
<tr>
<td>Ruddock, Martin, The Bostonian Influence on Precision Horology, lecture</td>
<td>521⁷¹⁸</td>
</tr>
<tr>
<td>Rudolph II, Emperor</td>
<td>163⁷¹⁸</td>
</tr>
<tr>
<td>Russell, Thomas, wrist-watch</td>
<td>409⁷¹⁸</td>
</tr>
<tr>
<td>Rye church, turret clock</td>
<td>288-289⁷¹⁸</td>
</tr>
<tr>
<td><strong>S</strong></td>
<td></td>
</tr>
<tr>
<td>S within a star, trade mark</td>
<td>406⁷¹⁸</td>
</tr>
<tr>
<td>Sabrier see also Beuriot &amp; Sabrier⁷¹⁸</td>
<td></td>
</tr>
<tr>
<td>Sabrier, Jean Claude, French Clock &amp; Watchmakers, lecture</td>
<td>30⁷¹⁸</td>
</tr>
<tr>
<td>Safford, Thomas, clockmaker</td>
<td>168⁷¹⁸</td>
</tr>
<tr>
<td>Saggerson, wheel -cutting engine</td>
<td>551⁷¹⁸</td>
</tr>
<tr>
<td>Sainsbury of? railway clocks</td>
<td>37⁷¹⁸</td>
</tr>
<tr>
<td>Saint Alban's cathedral, Richard of Wallingford clock</td>
<td>34⁷¹⁸</td>
</tr>
<tr>
<td>Saint-Aubin, Gabriel de, clock illustration</td>
<td>131⁷¹⁸</td>
</tr>
<tr>
<td>Salede, Jacob, clockmaker</td>
<td>555⁷¹⁸</td>
</tr>
<tr>
<td>Salisbury Cathedral, turret clock</td>
<td>635⁷¹⁸</td>
</tr>
<tr>
<td>Salomons, Sir David, collection</td>
<td>253⁷¹⁸</td>
</tr>
<tr>
<td>Salzer, Len, copy of Harrison Hi</td>
<td>369⁷¹⁸</td>
</tr>
<tr>
<td>Sanderson, John, clockmaker</td>
<td>315, 668⁷¹⁸</td>
</tr>
<tr>
<td>Sandhurst, Royal Military Academy</td>
<td>611, 618⁷¹⁸</td>
</tr>
<tr>
<td>Sanuto, Martin, Venetian Ambassador</td>
<td>511⁷¹⁸</td>
</tr>
<tr>
<td>Sapience, L'Horloge de</td>
<td>377-378⁷¹⁸</td>
</tr>
<tr>
<td>Sarton of Liège, mantel clock</td>
<td>8⁷¹⁸</td>
</tr>
<tr>
<td>clock</td>
<td>85⁷¹⁸</td>
</tr>
<tr>
<td>Sax, William van, journeyman to Arnold</td>
<td>673⁷¹⁸</td>
</tr>
<tr>
<td>Savage, Robert, escapement</td>
<td>549⁷¹⁸</td>
</tr>
<tr>
<td>Savings Bank Clock</td>
<td>281⁷¹⁸</td>
</tr>
<tr>
<td>Savonarola, Michele</td>
<td>498⁷¹⁸</td>
</tr>
<tr>
<td>Savoy of London ? railway clocks</td>
<td>37⁷¹⁸</td>
</tr>
<tr>
<td>Sax J., billiards timer</td>
<td>89⁷¹⁸</td>
</tr>
<tr>
<td>Saxony, Elector of</td>
<td>163⁷¹⁸</td>
</tr>
<tr>
<td>Saxton, Joseph, instrument maker</td>
<td>615⁷¹⁸</td>
</tr>
<tr>
<td>Scafe, William, bracket clock</td>
<td>580⁷¹⁸</td>
</tr>
<tr>
<td>lantern clock, stolen</td>
<td>558⁷¹⁸</td>
</tr>
<tr>
<td>longcase clock</td>
<td>218, 476-477⁷¹⁸</td>
</tr>
<tr>
<td>Schardin, Joachim, Kunst &amp; Automaten Uhren, reviewed</td>
<td>545⁷¹⁸</td>
</tr>
<tr>
<td>Schick of?</td>
<td>301⁷¹⁸</td>
</tr>
<tr>
<td>Schnack, Peter</td>
<td>415⁷¹⁸</td>
</tr>
<tr>
<td>Schwäbisch Hall, turret clock</td>
<td>195⁷¹⁸</td>
</tr>
<tr>
<td>Scotland, Origins of Clockmaking in, lecture by Dr. M. Dareaux</td>
<td>632⁷¹⁸</td>
</tr>
<tr>
<td>Seaton see Washington⁷¹⁸</td>
<td></td>
</tr>
<tr>
<td>Scotney Castle, Kent, clocks stolen from</td>
<td>444⁷¹⁸</td>
</tr>
<tr>
<td>Scott, James, clockmaker</td>
<td>422⁷¹⁸</td>
</tr>
<tr>
<td>longcase clock</td>
<td>281⁷¹⁸</td>
</tr>
<tr>
<td>Scottish National Trust</td>
<td>282⁷¹⁸</td>
</tr>
<tr>
<td>Seddon, Daniel, longcase clocks No.11 &amp; no number</td>
<td>310⁷¹⁸</td>
</tr>
<tr>
<td>Sessions Clock Co.</td>
<td>164-165⁷¹⁸</td>
</tr>
<tr>
<td>Sewell, Frank</td>
<td>203⁷¹⁸</td>
</tr>
<tr>
<td>Sewell, John</td>
<td>203⁷¹⁸</td>
</tr>
<tr>
<td>Sewell, Joseph, nautical optician</td>
<td>202⁷¹⁸</td>
</tr>
</tbody>
</table>
Sforzani, Cherub mo, eye-glass watch 510-511V18
Shanghai Time Ball, The, by John H. Combridge 381-383V18
Shanks Edward longcase clock, stolen 94V18
Shanks; Ken, letter (watches by Badollet and Atwell) 90V18
    letter (Benjamin Taylor) 671V18
    letter (Yates of Preston) 199-200V18
Sharp of Dublin, regulator 520V18
Sharpe, John, Bunyer, clockmaker 93V18
Shaw, John, bracket clock 28V18
Shaw, Richard, collector 429V18
Shelton, John,
    journeyman clockV18
    regulator 520V18
    regulator, Armagh 638V18
    regulator, Upsala Observatory 411-416V18
    table timer 520V18
Shenton, F. G. A., book reviews 542V18
    letter (electric billiards recorder) 90V18
Shenton, Rita, biography 384V18
Shepherd, Charles, electric master clock 168V18
    Hornbilton church clock 168V18
Shepro, Justice, French Clocks, lecture 30V18
Sherbourne Abbey 206V18
Sherwood, John, clockmaker 93V18
Ship automaton 511V18
Shipton, Michael, explorer 424V18
Shrivell, Richard, railway clocks 37, 38V18
Shugart see Cooksey, Shugart & EngleV18
Shugborough, mantel clock stolen 326, 445V18
Sidereal time indications,
    Leicester University clock 257-259V18
    Patek Philippe & Co., Calibre '89 watch 239V18
Sienna, turret clock 502V18
Silver marks 162V18
Silverston, F., patent watch 669-670V18
Simm of? 301V18
Simms, Terry, report 634V18
    AutomataV18
    anonymous, musical 364V18
    anonymous, stolen 558V18
    Penlington & Hutton 14V18
Skelton, George, clockmaker 422V18
    watchpaper 419V18
Skinner, Benjamin, bracket clock 563V18
Smith of? 301V18
Smith of North Britain 86V18
Smith, Professor Alan, V18
    book review 545-547V18
    The Jacob Lovelace Clock, lecture 516V18
    letter (Charles Goode) 198-199V18
    Lettering on Clocks, lecture 515V18
Smith, Charles Alva, by J. M. Anderson, reviewed 658V18
Smith, Edward 288V18
Smith, Egerton, barometer 220V18
Smith, Eric, Clocks & Clock Repairing, reviewed 313V18
Smith, James, clockmaker 422V18
Smith, John of Battle 287V18
<table>
<thead>
<tr>
<th>Name</th>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smith, John of Edinburgh</td>
<td></td>
<td>422</td>
</tr>
<tr>
<td>Smith, John of York, longcase clock</td>
<td></td>
<td>590</td>
</tr>
<tr>
<td>Smith, John &amp; Sons, noctuary</td>
<td></td>
<td>315</td>
</tr>
<tr>
<td>Smith, Michael, Some Practical Aspects of Restoration, lecture</td>
<td></td>
<td>632</td>
</tr>
<tr>
<td>Smith, M. M., book reviews</td>
<td></td>
<td>667-668</td>
</tr>
<tr>
<td>Smith, S. &amp; Son, Clerkenwell, V18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smith, S. &amp; Son Strand V18</td>
<td>Railway clocks</td>
<td>37, 46</td>
</tr>
<tr>
<td>Smith, Samuel, B., clockmaker</td>
<td>Chronometer watch advertisement</td>
<td>425</td>
</tr>
<tr>
<td>Smith, Thomas</td>
<td>Tourbillon watches</td>
<td>544</td>
</tr>
<tr>
<td>Smith, William, bracket clock, stolen</td>
<td></td>
<td>208</td>
</tr>
<tr>
<td>Smiths of Derby, turret clock makers</td>
<td></td>
<td>387</td>
</tr>
<tr>
<td>Smiths Industries, Sectronic clocks</td>
<td></td>
<td>61, 62</td>
</tr>
<tr>
<td>Smiths, wall clock inscribed NAAFL stolen</td>
<td></td>
<td>558</td>
</tr>
<tr>
<td>Snow, Will, longcase clock, stolen</td>
<td></td>
<td>326</td>
</tr>
<tr>
<td>Snowshill Manor, AHS visit</td>
<td></td>
<td>386</td>
</tr>
<tr>
<td>Somalvico, barometer</td>
<td></td>
<td>688</td>
</tr>
<tr>
<td>Somerville, A. R., book reviews</td>
<td>Letter (Sundial Society)</td>
<td>189-190, 660</td>
</tr>
<tr>
<td></td>
<td>Translation</td>
<td>88</td>
</tr>
<tr>
<td>Souscription watch, V18</td>
<td>Breguet, A. L., No.2751</td>
<td>21, 235</td>
</tr>
<tr>
<td></td>
<td>Breguet et Fils No.1836</td>
<td>345</td>
</tr>
<tr>
<td>Spanish Antiquarian Horological Society</td>
<td></td>
<td>256</td>
</tr>
<tr>
<td>Sparks, Brian, reports</td>
<td></td>
<td>56, 166, 168, 279, 280, 388, V18</td>
</tr>
<tr>
<td></td>
<td>516-517, 633 V18</td>
<td></td>
</tr>
<tr>
<td>Speaking clock</td>
<td></td>
<td>315, 370</td>
</tr>
<tr>
<td>Speaking watch</td>
<td></td>
<td>315</td>
</tr>
<tr>
<td>Spears, Charles, watch No.1844</td>
<td></td>
<td>178-80</td>
</tr>
<tr>
<td>Spender, Michael, surveyor</td>
<td></td>
<td>424</td>
</tr>
<tr>
<td>Spitznagel, Johannes, watch No.175</td>
<td></td>
<td>296-297</td>
</tr>
<tr>
<td>d clocks, early examples</td>
<td></td>
<td>496</td>
</tr>
<tr>
<td>Stackfreed, vertical</td>
<td></td>
<td>505, 509, 512, 513 V18</td>
</tr>
<tr>
<td>Staeger, Hans, letter (J. R. Arnold)</td>
<td></td>
<td>200</td>
</tr>
<tr>
<td>Staffordshire clockmakers</td>
<td></td>
<td>195</td>
</tr>
<tr>
<td>Stanford, R., watch No.431</td>
<td></td>
<td>669</td>
</tr>
<tr>
<td>Stanley of?</td>
<td></td>
<td>301</td>
</tr>
<tr>
<td>Stanton, Edward, bracket clock</td>
<td></td>
<td>132</td>
</tr>
<tr>
<td>Staple, Kent, turret clock</td>
<td></td>
<td>390</td>
</tr>
<tr>
<td>Stefano da Pondeto, clockmaker</td>
<td></td>
<td>494</td>
</tr>
<tr>
<td>Stephens, Carlene, Astronomy as a Public Utility, V18</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecture</td>
<td>520</td>
</tr>
<tr>
<td>Steuart, Alexander, patent clock</td>
<td></td>
<td>319</td>
</tr>
<tr>
<td>Stewart, James, missionary</td>
<td></td>
<td>424</td>
</tr>
<tr>
<td>Stockbridge Town Hall, turret clock</td>
<td></td>
<td>281</td>
</tr>
<tr>
<td>Stockholm, Livtust Kammaren Museum</td>
<td></td>
<td>687</td>
</tr>
<tr>
<td>Stockholm, Nordiske Museum</td>
<td></td>
<td>667</td>
</tr>
<tr>
<td>Stoddart, George, clockmaker</td>
<td></td>
<td>422</td>
</tr>
<tr>
<td>Stolen clocks and watches</td>
<td></td>
<td>94, 208, 326, 444, 557, 675 V18</td>
</tr>
<tr>
<td>Storr's, Jack, donation</td>
<td></td>
<td>519</td>
</tr>
<tr>
<td>Strasbourg Cathedral clock</td>
<td></td>
<td>28</td>
</tr>
<tr>
<td>Street, Richard, watch No.234</td>
<td></td>
<td>184</td>
</tr>
<tr>
<td></td>
<td>Watch No.408</td>
<td>185</td>
</tr>
<tr>
<td>Streeter, E. W., catalogue</td>
<td></td>
<td>195</td>
</tr>
</tbody>
</table>
Stretton, John, letter (Frodsham rolling-ball clock) 439
Strickland Lady, 394
Strike-a-light alarm 434
Strike One Ltd., 614
Striking, Dutch 165
Striking jack, Orvieto 490
St. Mark's, Venice, The Moors 507
Striking mechanisms, 15th century 494
Striking Mechanisms, lecture by Dr. John Newell 165
Striking, quarter
  anonymous, Augsburg table clock 33
  Drabble, Joshua, bracket clock 228
  Fish, Henry, longcase clock 351
  Knibb, Joseph, bracket clock, silver mounts 598
  Knibb, Joseph, longcase clock 575
  Tompion, Thomas, longcase clock 133, 143-144
  Vulliamy of London, bracket clock No.767 586
  Weeks of London, bracket clock 229

Strode Park, turret clock 196
Stuart, Alexander 629
Stuart, Susan, letter (Regional Furniture Society) 322-323
Stuart, William, The Timepieces of Armagh Observatory, lecture 519
Stukeley, William, diaries 436
Stuttgart, Wurttemburgisches Landesmuseum 31
Suleyman the Magnificent 511
Sully, Henry 434
Sun & moon see Dial, sun & moon
Sundial see also Gaya', Rafael Soler
Sundial see also L'Ombre e il Tempo
Sundial Society, British 88, 252
Sundials and Related Instruments, by David Bryden, reviewed 190
Sundials of Jacques Ozanam, by Rene R.J. Rohr 171-177
Sundials of Nuremberg, 1500-1700, by Penelope Gouk, reviewed 189
Sundials, What's in Them, lecture by Professor Adams 50
Sunrise - sunset indications Patek Philippe & Co., Calibre '89 239
Südsee striking 86
Sussex, The Duke of, collection 624
Sutton, Robert, clockmaker 668
Swedish, see Royal Swedish Academy
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Swedish clockmakers see Urmakare

Sydney, Paramatta Observatory 618

Symphathique clock by Journe & Royaux 604, 667

Symphonium Eroica clock 385

Synchronome Co., master clock 200, 201

Synchronous motor 86

T

T, dust-cap punch mark 199

Table clock

anonymous, Augsburg 33
anonymous, French 253
anonymous, English? 250
anonymous, 15th century 508
anonymous, South German 1
anonymous, vertical stackfreed 513

Congreve, William 605

Fromanteel, Ahasuerus 33
Fromanteel & East 307, 309

Klaauw, Christiaan van der 368

Tachometer see dial

Taghalree of London, thermometer maker 636

Talbotypes of clocks 92

T & R see Thwaites & Reed

Tanuel, M., designer of armorials 197

Taqi-al-Din 512

Tarsia panel 459, 498, 499

Tattersall, Lincs., turret clock 391

Tavannes 664

Tavern clock, Graham, George No.575 57

Cowan, James 421

Vulliamy, Justin 281

Worgan, Matthew, stolen 326

Taylor, Benjamin, watch No.1594 671

Taylor, Dr. Snowden 281

Taylor, Thomas, bracket clock 84, 309

TB, watch case maker’s mark 278

Telefonbau und Normalzeit, electric clock system 522

Temperature compensation, Earnshaw ‘sugar tongs’ 455

Harrison 149-150

Terry, John, turret clock 284

Terry, Noel, collection 184

Thatcher, George 290

Thielmann collection 21

Thermometer

anonymous 357

anonymous, mantel clock 213

Breguet et Fils, mantel clock 116

Bryson, Alexander & Robert, regulator 9

Patek Philippe & Co., Calibre ‘89 239

Taghalree of London 636

Thicthener, J., marine chronometer No.1000 211

Thomas, Seth, clockmaker 664

longcase clocks 195

Thompson, David, Octavius Morgan, lecture 28

Watches in the Museum of London, lecture 162

Thompson, Joseph, explorer 424
Thompson, Josiah, longcase clock 281
Thompson, H., clockmaker 318
Thoms, Frederick, watch case maker 260
Thomson, Archibald, clockmaker 422
Thomson, John, clockmaker 422
Thorne, Yorks. turret clock 387
Thornton, Philip, Clockmaker lecture by David Burton 56
Thornton, P. P. Ltd., AHS visit 386
Thuret, Isaac 370
Thwaites of London, Hardy regulator movement 613
Thwaites, Ainsworth, turret clock 325
Thwaites, John, regulator No.388 353
Thwaites & Reed , railway clocks 37, 39, 41
Westminster Clock, maintenance 389
Tight of Dartford, longcase clock 1822 678
Tills of Battle 289
TIM see Speaking clock
Time Ball, 381-383
Shanghai 1884, by John H. Combridge 626
Time ball, Edinburgh, Nelson monument 600
Dyson's shop 642
Time in History, by G. J. Whitlow, reviewed 547
Timekeeping, The History of lecture by Seth Atwood 30
Time Museum see Rockford
Time, The Most Reliable, exhibition 32
Todd, William, The Isodynamic Escapement of Richard F Bond, lecture 521
Tolpuddle Museum, James Hummert's watch, stolen 94
Tomlinson, Elizabeth 394
Tompion, Thomas, clockmaker 434
bracket clock 88
bracket clock No.23 580
bracket clock No.116 132
bracket clock No.121 585
bracket clock No.270 580
bracket clock No.531 565
bracket clock, olive wood, turntable 580
bracket clock, silver mounted grande sonnerie 462
bracket clocks, grande sonnerie, various 309-310
bracket timepiece 233
longcase clocks, grande sonnerie 84, 309-310
longcase night clock 133, 143-144
longcase clock No.239 456
regulators at Greenwich Observatory 279
travelling clock 310
watch 324
watch No.53, stolen 677
Tompion, Thomas, Clock Cases and Dials, lecture by Richard Gamier 516
Tompion Watch, Documented, by Tom Robinson 67-71
Tompion & Banger, bracket clock, Fitzwilliam 57
bracket clock No.475 183
bracket clocks Nos. 436 & 443 310
longcase clock No.387 310
longcase clock No.502 688
watch No.114 67-71
Tompion & Graham, orrery 167
Tools, Horological lecture by Paul Baker 56
Tools, Horological, lecture by Tom Forbes 637
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Tools, horological,  
  Mahler collection 186V18

Torrens, Professor David S. 
  letters 303-305V18
  library of 552, 637V18

Torriano, Gianello, clockmaker 440-442V18
  planetary clocks 512V18

Tortoiseshell cases 513V18
  Marriott John bracket clock 548V18
  Weeks of London, bracket clock 619V18

Toulmin, Samuel, wall clock 303-305V18

Toulouse, Musée Paul Dupuy 667V18

Tourbillon, Das, by Reinhardt Meis, reviewed 543V18
  anonymous, half-hunter watch 217V18
  anonymous Swiss watch 20, 130, 566V18
  Breguet, A-L, watch? No.2568 543V18
  Calabrese, Vincent, wrist-watch 368V18
  Clark, Gene 194V18
  Frodsham, Charles, chronometer watch No.190119/09128 17V18
  Patek Philippe, Calibre ‘89 239V18
  Pratt, Derek 369V18

Trade card 298V18
  Preston, Joseph & Sons 668V18
  Waterbury Watch Co. 195V18

Trade Catalogue, Street E. W. 406V18
  Swithin a star 545V18

Tram chronograph 668V18

Transit Circle 615V18

Trattle, Joseph, longcase clock, stolen 558V18
  Tomsion, Thomas No.23 580V18
  Trumion 310V18

Trebizond, turret clock 495V18

Tregent, James, bracket clock, stolen 94V18
  mantel clock No.2627 482V18

Treherne, Alan, Sources of Information, lecture 516V18

Tribe of Petworth, longcase clock 518V18

Trichero, Moglia & Pavanello, L’Ombre e Il Tempo, reviewed 426V18

Troll-Baker musical box 604V18

Troughton of London, equatorial instrument 520V18
  mural circle 614V18

Trundell, Edward, obituary 259, 278V18

Tuck, Paul 298V18
  The Evolution of English Watch Dials, lecture 631V18
  Fine Examples of Antiquarian Horology Seen During the Scottish Tour, 1988 181-186V18
  letter (Charles Goode/CWP monogram) 321-322V18
  letter (Savage escapement) 93V18

Turkish market, anonymous watch 684V18
  Prior, Edward, watch No.54188 677V18

Turnbull, W., bracket clock 132V18

Turner, Anthony, book review 547V18
Turret clock, by maker

Antonio di Padova 490
Arnold & Dent 392
Atkins, John 281
Brown, Charles 392
Cheetham, Joseph 86
Clement, William 168
Cooke of York 284
Dalgleish, Lawrence 515
Dent of London 168
Denti, Jacopo 490
Dondi, Novello 492
Doviziolis 513
Fanzago, Pietro 513
Gasparo degli Ubaldini 494
Gennari, Paolo 513
Gillet & Bland 389
Gillet & Johnson 390
Giovanni de Caldiere 485
Gregory, James 281
Habrecht, Isaac 28
Hardeman, Edwin 389
Harrison, James 394
Hindley, Henry 284
Howard, Edmund 392
Knibb, Joseph 168, 633
Loseby, E. T. 668
Manfredi, Bartholomeo 500
Mondini da Cremona 489
Moore of Clerkenwell 284
Newey, Geoffrey 284
Potts of Leeds 392
Potts, William 387
Punnett, Thomas 287-288
Rainieri, Giampaulo 506-507
Richard of Wallingford 50347
Roberus, R. E. 389
Terry, John 284
Thwaites, Ainsworth 325
Vulliamy of London, No. 1899 166

Turret clock, by place

Adingfleet, Lincs. 392
Alkborough, Humberside 394
Appleby, Humberside 393
Ash-By-Sandwich 390
Aurignac 194
Barton-on-Humber 394
Basingstoke Town Hall 281
Battle, Sussex 287-295
Bradford, Yorks. 387
Brescia 513
Bridge, Kent 389
Bridgenorth, St. Leonard's 515
Burwash, Sussex 290
Cambridge, Great St. Mary's 387
<table>
<thead>
<tr>
<th>Location</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cambridge, King's College</td>
<td>168, 287&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Cassiobury Park</td>
<td>287&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Charleston, St. Michael's</td>
<td>325&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Clusone</td>
<td>513&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Coningsby, Lincs.</td>
<td>391&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Corte, San Gottardo</td>
<td>488&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Courtrai</td>
<td>485&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Cowdray House</td>
<td>287&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Cranbrook, Kent</td>
<td>288, 290&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Cremona</td>
<td>513&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Crowle, Lincs.</td>
<td>392&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Cuckfield, Sussex</td>
<td>290&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Culford, Suffolk</td>
<td>284&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Darlington, South Park Lodge</td>
<td>387&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Dijon</td>
<td>493&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Dover Castle</td>
<td>168, 287&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Duxford, Cambs</td>
<td>387&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>East Horsley, Suffolk</td>
<td>287&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Feodosia</td>
<td>495&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Florence Cathedral</td>
<td>496&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Fulford, Yorks.</td>
<td>284&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Fussen Monastery</td>
<td>195&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Genoa, St. Lorenzo</td>
<td>493&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hampton Court Palace</td>
<td>492&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hemingby, Lincs.</td>
<td>392&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Hornbolton, Somerset</td>
<td>168&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Ilkley, Yorks.</td>
<td>387&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Kempshott House</td>
<td>281&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Kingston-on-Thames</td>
<td>289&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Leicester University</td>
<td>257-259&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lincoln Cathedral</td>
<td>387&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Littlebourne, Kent</td>
<td>389&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Liverpool University College</td>
<td>387&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Lincoln Cathedral</td>
<td>85&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Mantua</td>
<td>500&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Mayfield, Sussex</td>
<td>287-288&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Midhurst, Sussex</td>
<td>287&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Milan, St. Eustorgio</td>
<td>488&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Modena Cathedral</td>
<td>493&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Monza, Campanile</td>
<td>493&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Newcastle Cathedral</td>
<td>387&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Orvieto Cathedral</td>
<td>493, 494&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Orvieto, Convent of San Domenico</td>
<td>487&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Oxford, New College</td>
<td>167&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Oxford, Wadham College</td>
<td>168&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Padua, Municipal Tower</td>
<td>490&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Padua, Palazzo del Capitano</td>
<td>492&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Perpignan</td>
<td>494&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Preston Town Hall</td>
<td>387&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Pudsey, Yorks. parish church</td>
<td>387&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Raithby, Lincs.</td>
<td>392&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Rotherwick, Hants.</td>
<td>281&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Rye, Sussex</td>
<td>288-289&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Russian</td>
<td>435&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Schwäbisch Hall</td>
<td>195&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Sienna</td>
<td>502&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Stockbridge Town Hall</td>
<td>281&lt;sup&gt;V18&lt;/sup&gt;</td>
</tr>
<tr>
<td>Location/Event</td>
<td>Page</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Staple, Kent</td>
<td>390</td>
</tr>
<tr>
<td>Strasbourg Cathedral</td>
<td>28</td>
</tr>
<tr>
<td>Strode Park</td>
<td>196</td>
</tr>
<tr>
<td>Tattershall, Lincs.</td>
<td>391</td>
</tr>
<tr>
<td>Thorne, Yorks.</td>
<td>387</td>
</tr>
<tr>
<td>Trebizond</td>
<td>495</td>
</tr>
<tr>
<td>Venice, St. Mark's</td>
<td>503, 507</td>
</tr>
<tr>
<td>Wells Cathedral</td>
<td>168</td>
</tr>
<tr>
<td>Whitgift, Lincs.</td>
<td>392, 393</td>
</tr>
<tr>
<td>Windsor, Berks., Holy Trinity Church</td>
<td>387</td>
</tr>
<tr>
<td>Windsor Castle</td>
<td>494</td>
</tr>
<tr>
<td>Wingham, Kent</td>
<td>389</td>
</tr>
<tr>
<td>Winkel in Holland</td>
<td>194</td>
</tr>
<tr>
<td>York Minster</td>
<td>284, 285</td>
</tr>
<tr>
<td>York, St. Martins</td>
<td>284</td>
</tr>
<tr>
<td>Turret Clocks, exhibition, Mindelheim Museum</td>
<td>370</td>
</tr>
<tr>
<td>Turret Clocks, exhibition, Moyse Hall</td>
<td>142</td>
</tr>
<tr>
<td>Turret Clocks, exhibition, Rocksheunhausen Museum</td>
<td>434</td>
</tr>
<tr>
<td>Turret Clocks, lecture by John Piaister</td>
<td>518</td>
</tr>
<tr>
<td>Turret Clocks in Kent, lecture by Michael Bundock</td>
<td>634</td>
</tr>
<tr>
<td>Turret Clocks in the Science Museum lecture by Denys Vaughan</td>
<td>168</td>
</tr>
<tr>
<td>Turret Clocks of England, lecture by Christopher McKay</td>
<td>638</td>
</tr>
<tr>
<td>Turret Clocks of Leicestershire and Rutland, lecture by P. Hewitt</td>
<td>638</td>
</tr>
<tr>
<td>Tuttle, Thomas, instrument maker</td>
<td>197</td>
</tr>
<tr>
<td>Tyler, E.J., Battle Church Clock</td>
<td>287-295</td>
</tr>
<tr>
<td>book reviews</td>
<td>86, 434, 548, 666-667</td>
</tr>
<tr>
<td>letter (Scottish wooden clocks)</td>
<td>207</td>
</tr>
<tr>
<td>reports</td>
<td>194-195</td>
</tr>
</tbody>
</table>

**U**

- Ubaldini see Gasparo degli Ubaldini
- Uccello, Paolo, clock dial
- Unger see Faber, Unger & Blauer
- Universal Tricompax, wrist-watch
- Unwin, D.J. planetarium replica
- Up-and-Down indicator
  - Dent of London, marine chronometer No.3105
  - Lund & Blockley chronometer watch No.2/931
  - Hardy, William, regulator
  - Thicthener, W.J., marine chronometer No.1000
- Upjohn of London
- Uppsala observatory
- Urbino, Duchess of
- Urbino, Duke of
- Urmakare I Mora Socken, by Eva Jacobssen, reviewed
- Urn clock
- anonymous
  - Tregent, James, No.2627
  - Vulliamy of London
- Urquhart of Forfar, longcase clock
- Urquhart, Angus watchmaker
- Usher, James, collection
- Vaughan of Fleurier, watch No.1285, stolen
- Vaughan, Denys book review

**V**

- Vacheron-Constantin, watchmakers
- Vans Patrick longcase clock
- Vaugher of Fleurier, watch No.1285, stolen
- Vaughan, Denys book review
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Turret Clocks in the Science Museum, lecture 168
Vaughan, G., longcase clock 12
Veneers & Marquetry, lecture by Roddy Gillanders 635
Veneis see Johannes de Venetiis
Venice, St. Mark's Square, turret clock 503, 507
Verney, Arthur, collection 10
Vidion, John, clockmaker 93
Vienna regulator, anonymous, grande sonnerie 110, 234
anonymous, month going 226
Augustin of Presburg 458
Holmberg, Anton 574
Marenzeller, Ignaz 2
Wibral, Mathias 342
Vieyres of London, mantel clock 469
Villers-le-Lac Museum 194
Vincent see Leonardo
Viner, Charles, railway clocks 37, 38
Visconti, Gaspare, poet 509
Vise, John, longcase clock 128
Viterbo see Dionisio
Volpaia see Lorenzo della Volpaia
Vowel of London, longcase dock 593
Vulliamy of London, bracket clock No.692 587
bracket clock No.767 586
carriage clock No. 1608 310
mantel clock, enamelled case 111
mantel clock, No.777 470
mantel clock, urn and figure 3
turret clock No.1899 166
Vulliamy, Benjamin, letter 204
Vulliamy, Benjamin, Lewis, clockmaker carriage clock No. 1420 310
letters from Thomas Reid 627-629
Vulliamy, Justin, bracket clock observatory timer 520
tavern clock 281
watch No. xcc, stolen 676

Wagner Carl watch case maker 297
Wagstaffe, Thomas, bracket clock 16
Wainwright of Nottingham 315
Wakefield of railway clocks 37
 Waklin, John, clockmaker 435
Wale, E. F., letter (William Goffe) 675
Walker, James watch case maker 657
Walker, John, railway clocks 38, 42, 46
Walker & Hughes, dial 443
Wall, William, bracket clock, stolen 678
Wall clock see also cuckoo clock
Wall clock see also Tavern clock
Wall clock see also Vienna regulator
Wall clock, anonymous, Friesland, stolen 558
anonymous, got hic 278
anonymous, hooded 130

Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

anonymous, medieval, various
459, 495, 497

anonymous, RAF operations room
189

Beake, Jonathan
331, 364

Birge & Ives
315

Bolyne, Anne
605

Call, Jan van
435

Dent of London, No.17796, stolen
95

Johnson of?, stolen
678

Kennedy, Electric
195

London, Brighton & South Coast Railway
35-51

Mudge & Dutton
107

Pakinson of London
36

Pakinson & Frodsham No.3605
278

Smiths, inscribed NAAFI, stolen
558

Toulmin, Samuel
362

Walker, John
42

Walker, John, railway No. 574B
46

Webster, Richard, railway No.49
42

Webster, Richard, railway No.368
43

Webster, Richard, railway No.391
43

Webster, Richard, railway No.447
44

Wright, William, railway No.26
36

Wright, William, railway No.74
35

Wallingford, Richard of, clock replica
34

Walpole, Horace, collector
429

Waltham, aircraft clock
196, 436

Waltham Company Inventions, exhibition, 1885
403

Waltham Watch Co.
195

Walton, Joseph & Co., watch case makers
260

Waltz, George, clockmaker
555

Wandering hour, see Dial

Ward, Dr. Frank, biography
161

obituary
602-603

Wardlow of?
301

Wargentin, Pehr, astronomer
414

Warman, F., engraver
436

Warner & sons, bellfounders
389

Warren, Godhead
288

Warren, Lemuell, clock repairer
287

Warren, Thomas
289

Washington Seaton Observatory
611

Watch see also Chaise watch

Watch see also Chronograph

Watch see also Chronometer, pocket

Watch see also Clock-watch

Watch

Andrews of London No.198, stolen
677

Anglo-American Watch Company
196

anonymous, double dial
221

anonymous, emerald case
162

anonymous, erotic automata
444

anonymous, harp
210

anonymous, with Jacquemart figures
217

anonymous, mandolin
210

anonymous, musical
567

anonymous, Swiss tourbillon
20, 566

anonymous, Turkish market, with chatelaine
684
<table>
<thead>
<tr>
<th>Name</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atwell, Henry</td>
<td>AD 1806</td>
</tr>
<tr>
<td>Audemars, Louis</td>
<td>minute repeat</td>
</tr>
<tr>
<td>Badollet of Geneva No 13711</td>
<td>91</td>
</tr>
<tr>
<td>Barocci Giovan, Maria</td>
<td></td>
</tr>
<tr>
<td>Barraud of London No 7448</td>
<td>93</td>
</tr>
<tr>
<td>Barraud of London No 8905</td>
<td>93</td>
</tr>
<tr>
<td>Barwise, John No 606, stolen</td>
<td>676</td>
</tr>
<tr>
<td>Beaumant, Samuel No 51707</td>
<td>397</td>
</tr>
<tr>
<td>Belle of London</td>
<td></td>
</tr>
<tr>
<td>Bentley &amp; Beck</td>
<td>No.1519</td>
</tr>
<tr>
<td>Breguet, Abraham Louis</td>
<td>28</td>
</tr>
<tr>
<td>Breguet, Abraham Louis No.5/85 125</td>
<td>215</td>
</tr>
<tr>
<td>Breguet, Abraham Louis No.753</td>
<td>667</td>
</tr>
<tr>
<td>Breguet, Abraham Louis No.2568</td>
<td>543</td>
</tr>
<tr>
<td>Breguet, Abraham Louis No.2751</td>
<td>21, 235</td>
</tr>
<tr>
<td>Breguet et Fils No.1836</td>
<td>345</td>
</tr>
<tr>
<td>Breguet et Fils No.3248</td>
<td>21</td>
</tr>
<tr>
<td>Breguet et Fils No.3444</td>
<td>344</td>
</tr>
<tr>
<td>Brockbank, John</td>
<td></td>
</tr>
<tr>
<td>Bukinham of London</td>
<td></td>
</tr>
<tr>
<td>Bushman of London</td>
<td></td>
</tr>
<tr>
<td>Bussar, Sam. No.3924, stolen</td>
<td>676</td>
</tr>
<tr>
<td>Callin, Andrea</td>
<td></td>
</tr>
<tr>
<td>Capobianco, Giovanni</td>
<td></td>
</tr>
<tr>
<td>Capt. &amp; Company</td>
<td>85</td>
</tr>
<tr>
<td>Cartier of Paris, platinum case</td>
<td>221</td>
</tr>
<tr>
<td>Clark, Gene</td>
<td></td>
</tr>
<tr>
<td>Collier's Friend</td>
<td></td>
</tr>
<tr>
<td>Couldray, Julien</td>
<td></td>
</tr>
<tr>
<td>Cramber, R. B., No.300, stolen</td>
<td>676</td>
</tr>
<tr>
<td>Crosthwaite, John No.1047, stolen</td>
<td>676</td>
</tr>
<tr>
<td>Dent, M. F. No.32573</td>
<td></td>
</tr>
<tr>
<td>Donne, Louis No.800</td>
<td></td>
</tr>
<tr>
<td>Dutens, Peter No.336, stolen</td>
<td>676</td>
</tr>
<tr>
<td>East, Edward</td>
<td></td>
</tr>
<tr>
<td>Ebsworth, John</td>
<td></td>
</tr>
<tr>
<td>Edy, P.</td>
<td></td>
</tr>
<tr>
<td>Emery, Josiah No.777</td>
<td></td>
</tr>
<tr>
<td>Emery, Josiah No.947</td>
<td></td>
</tr>
<tr>
<td>Emery, Josiah No.1094</td>
<td></td>
</tr>
<tr>
<td>Ferlite, G.</td>
<td></td>
</tr>
<tr>
<td>Fladgate, John</td>
<td></td>
</tr>
<tr>
<td>Forest, John</td>
<td></td>
</tr>
<tr>
<td>Frodsham, Charles, with barometer</td>
<td>667</td>
</tr>
<tr>
<td>FS patent No.420</td>
<td></td>
</tr>
<tr>
<td>FS patent No.489</td>
<td></td>
</tr>
<tr>
<td>Gartley of Aberdeen</td>
<td></td>
</tr>
<tr>
<td>Gerbds, Martin</td>
<td>stolen</td>
</tr>
<tr>
<td>Goffe, William No.799</td>
<td></td>
</tr>
<tr>
<td>Goldsmith, Thomas No.3976</td>
<td>556</td>
</tr>
<tr>
<td>Gosling, Jos. No.1311, stolen</td>
<td>676</td>
</tr>
<tr>
<td>Graham George, continental forgery, stolen</td>
<td>676</td>
</tr>
<tr>
<td>Grant of Fleet Street No.2982</td>
<td>186</td>
</tr>
<tr>
<td>Gray &amp; Constable No.531, stolen</td>
<td>677</td>
</tr>
<tr>
<td>Gray, John No.1391, stolen</td>
<td>677</td>
</tr>
<tr>
<td>Greg, Francis No.599, stolen</td>
<td>676</td>
</tr>
<tr>
<td>Gribelin, Abraham</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Grinkin, Robert jnr.</td>
<td>185</td>
</tr>
<tr>
<td>Gruen</td>
<td>434</td>
</tr>
<tr>
<td>Gubelin of Lucerne, 'Bras-en-l'air'</td>
<td>567</td>
</tr>
<tr>
<td>Guido, Pietro</td>
<td>510</td>
</tr>
<tr>
<td>Hamilton model No. 2974B</td>
<td>196</td>
</tr>
<tr>
<td>Harpur, Henry</td>
<td>687</td>
</tr>
<tr>
<td>Harrison, Edward No.490, stolen</td>
<td>678</td>
</tr>
<tr>
<td>Harrison, John, H6?</td>
<td>636</td>
</tr>
<tr>
<td>Hawley, J. &amp; Son, Collier's Friend</td>
<td>400</td>
</tr>
<tr>
<td>Hill, Benjamin</td>
<td>217</td>
</tr>
<tr>
<td>Hubert, Estienne, stolen</td>
<td>677</td>
</tr>
<tr>
<td>Hubert, James No.640, stolen</td>
<td>676</td>
</tr>
<tr>
<td>Ilbery of London No.6267, stolen</td>
<td>677</td>
</tr>
<tr>
<td>Jarvis, William, stolen</td>
<td>677</td>
</tr>
<tr>
<td>Jeffrey’s John</td>
<td>261-262</td>
</tr>
<tr>
<td>Kehlholf, Frederick</td>
<td>548</td>
</tr>
<tr>
<td>Lepine, Jean Antoine</td>
<td>28</td>
</tr>
<tr>
<td>Lowe, Thomas</td>
<td>207</td>
</tr>
<tr>
<td>McCabe, James No.7968, stolen</td>
<td>677</td>
</tr>
<tr>
<td>McIntyre</td>
<td>315</td>
</tr>
<tr>
<td>Maudsley, George No.500, stolen</td>
<td>677</td>
</tr>
<tr>
<td>Mudge, Thomas, lever</td>
<td>606</td>
</tr>
<tr>
<td>Mudge &amp; Dutton, No.1130</td>
<td>571</td>
</tr>
<tr>
<td>Newsom &amp; Co., No.124774</td>
<td>399</td>
</tr>
<tr>
<td>Norton, Eardley (Swiss made)</td>
<td>435</td>
</tr>
<tr>
<td>Page, John No.1688, stolen</td>
<td>677</td>
</tr>
<tr>
<td>Parkinson &amp; Frodsham</td>
<td>101</td>
</tr>
<tr>
<td>Pembroke, George No.4324, stolen</td>
<td>677</td>
</tr>
<tr>
<td>Perigal, Francis</td>
<td>440</td>
</tr>
<tr>
<td>Player, J. &amp; Son</td>
<td>400</td>
</tr>
<tr>
<td>Potter, Harry No.151, stolen</td>
<td>677</td>
</tr>
<tr>
<td>Poy, Godfrie No.337</td>
<td>677</td>
</tr>
<tr>
<td>Prevost, Louys</td>
<td>125</td>
</tr>
<tr>
<td>Quaife, Thomas</td>
<td>207</td>
</tr>
<tr>
<td>Quare, Daniel No.3287</td>
<td>667</td>
</tr>
<tr>
<td>Quilliam, S.</td>
<td>199</td>
</tr>
<tr>
<td>Richards, Charles No.1091</td>
<td>203</td>
</tr>
<tr>
<td>Rodhouse &amp; Son No.226</td>
<td>669</td>
</tr>
<tr>
<td>Rotherham &amp; Sons</td>
<td>397-410</td>
</tr>
<tr>
<td>Sforzani, Cherubino</td>
<td>510-511</td>
</tr>
<tr>
<td>Spears, Charles No.1844</td>
<td>178-180</td>
</tr>
<tr>
<td>Spears, Charles No.1844</td>
<td>178-180</td>
</tr>
<tr>
<td>Spitznagel, Johannes No.175</td>
<td>296-297</td>
</tr>
<tr>
<td>Stamford, R. No.431</td>
<td>669</td>
</tr>
<tr>
<td>Street, Richard No.234</td>
<td>184</td>
</tr>
<tr>
<td>Street, Richard No.408</td>
<td>185</td>
</tr>
<tr>
<td>Taylor, Benjamin No.1594</td>
<td>671</td>
</tr>
<tr>
<td>Tompion Thomas No.53, stolen</td>
<td>677</td>
</tr>
<tr>
<td>Tompion &amp; Banger No.114</td>
<td>67-7</td>
</tr>
<tr>
<td>Vaucher of Fleurier No.1285, stolen</td>
<td>676</td>
</tr>
<tr>
<td>Vuilliamy, Justin No. xcc, stolen</td>
<td>676</td>
</tr>
<tr>
<td>Waltham Watch Company</td>
<td>195</td>
</tr>
<tr>
<td>Williamson, H. Ltd., No.182468</td>
<td>406</td>
</tr>
<tr>
<td>Williamson, H. Ltd., No.54444F</td>
<td>406</td>
</tr>
<tr>
<td>Williamson, Robert</td>
<td>278</td>
</tr>
<tr>
<td>Windmills of London No.5685, stolen</td>
<td>677</td>
</tr>
<tr>
<td>Windmills, Joseph</td>
<td>90</td>
</tr>
</tbody>
</table>
Woeiriot, Pierre II 510
Yates, Thomas, No.19 199
Yates, Thomas, No.283 199
Yates, Thomas, No.910 556
Yates, Thomas, No.1089 199
Young, James, No.4205 317
Young, Thomas 687
Watch Advertisement 407
Watch, History of The French, lecture by Dr. A. Shapiro 30
Watch case, anonymous, Blois enamel 567
art deco 195
Watch case maker, V18
Aken, W. A. van 550
AT 320
CH 669
CW, crown above 90
Ehrhardt, William 545
Helsby, John 179
HG 526
IC 320
IH 669
IM 472
IR 320
ITP (John Terrill Pain) 571
IW 320
IW (John Willoughby) 162
JD 320
JH (John Helsby) 179
Mansell, William 348
Oliver, Albert 259
Oliver, Richard 259, 440
Pain, John Terrill 571
TB 278
Thoms, Frederick 260
Walker, James 657
Walton, Joseph & Co. 260
WE 545
Wi (John Willoughby) 162
WM 348
Watches 1850-1980 by M. Cutmore, reviewed 545-547
Watches in Kirkpatrick-Juxta 89
Watches in the Museum of London, lecture by David Thompson 162
Watchmakers & Clockmakers of the World Vol. II by Brian Loomes, reviewed 545
Watchmaker's workshop 299
Watchman’s clock see Noctuary
Watch movement maker, V18
Preston, Joseph & Sons 298-306
W. 669
WB 199, 556
Watchpaper of V18
Drysdale, William & Son 419
Moore, F.M. 281
Skelton, George 419
Vulliamy of London 676
Watch stand, stolen 678
Watch, talking 315
Waterbury Clocks by Trans Duy Ly, reviewed 542
Waterbury Watch Company, trade cards 668
Water Clock see also Clepsydra 315
Water Clock, Cryer, Jonathan 55-56
Waterlow & Sons Ltd., printers 45
Waters, of Forestville Manufacturing Co. 165
Watson, Henry, clockmaker 549
Watson, J., longcase clock 208
Watson, Vice Admiral Philip, inscribed on an astrolabe box 558
Watson, Samuel, bracket clock 241
Watson, James 527
Watts, S. &J., longcase clock, stolen 208
Waugh, Alexander, regulator 520
WB, watch movement maker 199, 556
WE, watch case maker's mark 545
Weather centre, anonymous 357
Weatherfield collection 520
Weaving, Alan, reports 167, 388-389, 517-518
Webster of London, bracket clock stolen 444
Webster, Malcolm R. 622
Webster, Sir Whistler 291
Weeks of London, bracket clock 229
mantel clock 105
Wehrle, Em. & Cie., musical clock 322
Welch, Brown & Pomeroy, clockmakers 165
Welch, E. N., clockmaker 164-165
Wells Cathedral, turret clock 168
Wells, J., bracket clock, stolen 558
West Dean College, AHS visit 385
West, H., sundials 668
Westminster, The Great Clock of, lecture by Peter Elliott 388
Westminster Clock 222
Westminster & Salisbury Clocks, The Rates of, lecture by Michael Maltin 635
West Point Military Academy 611, 615
Whatmore, Philip, obituary 484
Wheel-cutting engine 304
Wheeler see Desbois & Wheeler
Wheeler, Thomas, longcase clock 478
White, Sir George, English Lantern Clocks, reviewed 429-431
White, Joseph, watchmaker 657
Whitechapel Foundry 389
White dial clocks 435
Whitehouse, W. E., inscribed on a stolen clock 558
Whitgift, Lincs., turret clock 392-393
Whitrow, G.J., Time in History, reviewed 547
Whyte, Donald, The Petition of Edinburgh Watchmakers to Parliament 417-422
letter (Edinburgh watchmakers) 555
WI watchcase maker's mark 162
Wibrall, Mathias, Vienna regulator 342
Wilding, John, How To Make An English Regulator Clock, reviewed 192
Wilhelm IV, Landgrave of Hesse-Kassel 162
Willard House Museum, AHS visit 521
Cumulative Index for Antiquarian Horology Volumes 10 to 19
Compiled by Edward Powell @ AHS 2006

Williams, George, letter (chimes) 325

Williams, Kit, Wishing Fish Clock 556

Williamson of London, equation longcase clock 361

Williamson, H. Ltd., watchmakers
  advertisement 655
  watch No. 182468 406
  watch No. 54444F 406

Williamson, H. W., materials dealer 46

Williamson, Joseph, equation longcase clock 633

Williamson, Robert, watch 278

Willis, George, collection 280

Willmshurst, Stephen, longcase clock, stolen 558

Willoughby, John, watchcase maker 162

Wills, John, longcase clock 583

Wills, Peter, The Dynadromic Free Pendulum, lecture 62

Wilnou, Mrs. L., Sundridge parish church register 672-673

Windsor Castle 619

exhibits A Royal Miscellany 605

turret clock 494

Windsor, Holy Trinity Church, turret clock 387

Wingham, Kent, turret clock 389

Winkel, Holland, turret clock 194

Winterton, John, An Unusual Grande Sonnerie Movement 79-94

Sonnerie Clocks, An Inventory report 307-310

Wintworth, Thomas, longcase clock, stolen 326

Wishing Fish Clock, Cheltenham 386, 556

Wisserkerke see Gilliszoon

WM, watchcase maker ' 348

Woeiriott, Pierre II, ring watch 510

Wood, Stacy Jnr., letter (striking mechanism) 555

Woodcroft, Bennet, patent agent 388

Wooden clocks, 388

  Harrison, John, regulator 145
  King, Andrew, 'Harrison' regulators 145
  Scottish 2Q7

Wood-Heath, D., report 58

Woolf's tooth gearing 427

Woolrich of Prescot 305

Worgan, Matthew, tavern clock, stolen 326

World time see Dial

Worshipful Company of Clockmakers, collection 185

  Dingwall -Bebe Lecture 246

  Jeffrey's watch 262
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Worshipful Company of Clockmakers, The Freemen of 1631-1984 by George Daniels, reviewed 192

Woszczynk, Professor Andrzej 619
WP ? engraved on a lantern clock 322
Wright, Mrs. Mary Ann, chronometer and watchmaker 44
Wright, Richard, notebook 198, 439
Wright, Thomas, regulator No. 13 ? 245
Wright William, railway clocks 35-41
railway clock No. 26 36
railway clock No.74 35
Wrist-watch see also Chronograph, wrist

Wrist-watch, Benson, J. W., advertisement 656
Calabrese, Vincent 368
Jaeger Lecoultre 214
Longines, rectangular 449
Patek Philippe & Co. 214, 449
Patek Philippe & Co., No.924053 221
Patek Philippe & Co., No.119384 221
Patek Philippe & Co., perpetual calendar 337
Rolex 196
Rolex centre seconds 221
Rolex Oyster 359
Rolex Prince 214, 449
Rotherham of London No.258340 409
Russell, Thomas 409
Universal Tricompax 221
Williamson H Ltd advertisement 655

Wrist-Watch, The Earliest Photograph of, by David Boullin 653-656
Wrist-Watch, Vintage Character American and European Price Guide, by Mycko & Ehrhardts, reviewed 542

Wrottesley's private observatory, Blackheath 624
Wuppertal, Abeler Museum 369
Wyche, D., bracket clock, stolen 557-558
Wycherly, ebauche maker 55
Wyke, John, clockmaker 440
longcase clock 549

X
X-L Watch Company 664

Y
Yates, Thomas, patent watch 556
watch No.19 199
watch No.283 199
watch No.910 556
watch No.1089 199
watches Nos. 14Q6, 1674, 2034, 2839, 6549, 6767 200
York, Little Admiral clock 668
turret clocks of 284
York, Bar Convent Museum 284
York, Cardinal 168
York, Castle Museum 284
York, Great Exhibition 1889 387
York, Minster, turret clocks 284
Youell of?, railway clocks 37, 38
Young, David, letter (Sundial Society) 88
Young, James, patent winding mechanism and
<table>
<thead>
<tr>
<th>Term</th>
<th>Page</th>
</tr>
</thead>
</table>
| escapement                  | 317-318
| watch No.4205               | 317  |
| Young, Thomas, watch        | 687  |
| Z                           |      |
| Zambra see Negretti & Zambra|      |
| Zenardus see Gilliszoom     |      |
| Zenith, watchmakers         | 664  |
| Zilin, Tian, artist         | 381  |
| Zodiac indications          | 75   |
| Dent, M. F., chronometer watch No.32573 | 85  |
| Padua, turret clock         | 492  |
| Patek Philippe & Co. Calibre '89 | 239 |
| Prevost, Louys, watch       | 125  |
| Venice, St. Marks Square, turret clock | 503 |
| Watson, Samuel, bracket clock | 241 |
| Zürich, Schweizerisches Landesmuseum |      |
| Burgi, Jost, globe          | 31   |
Members of Council and Officers as at Summer 1990

President: SIR NICHOLAS GOODISON, Kt., F.S.A.

Vice-Presidents: C. CLUTTON, C.B.E.; P. G. DAWSON; C. B. DROVER, T.D.

Members of Council: C. K. AKED; C. R. P. ALLIX; C. BIRD; M. G. HURST; C. J. HURRION (co-opted); A. E. RIPPINGTON; Mrs. R. SHENTON; M. M. SMITH; A. A. TREHERNE; J. H. F. WADSWORTH; M. T. WRIGHT.

Secretary Mrs. M. R. JANES.

Editor Antiquarian Horology: D. M. PENNEY.

Publications Committee: R. J. LAW; Mrs. R. SHENTON; D. M. PENNEY.

Technical Enquiries Officer: J. H. F. WADSWORTH.

Advertising Agents: A. & P. LAW.

Solicitors: STUART, HURRION and Co, 112 Powis Street, Woolwich, London SE1 6LU.

Auditors: JOHN L. HASTINGS, Suite 1, Ivyholme, Station Road, Heathfield, East Sussex TN21 8LB.

Hon. Librarian: A. A. TREHERNE.

SCOTTISH SECTION
Chairman: Dr. M. DAREAU. Hon. Secretary: S. LOWMAN. Hon. Treasurer: I. W. LEMMON.

NORTHERN SECTION
Chairman: A. SMITH. Hon. Secretary: E. CROSS. Hon. Treasurer: J. SWINDLEY.

MIDLANDS SECTION
Chairman: P. FALKLAND. Hon. Secretary: T. SIMMS. Hon. Treasurer: D. E. JONES.

EAST ANGLIAN SECTION
Chairman: RH. A. MILES. Hon. Secretary: VISCOUNT MIDLETON. Hon. Treasurer: S. W. WATKINSON.

SOUTH EASTERN SECTION
Chairman: A. WEAVING. Hon. Secretary: V. MORRIS. Hon. Treasurer: D. L. WOOD-HEATH.

SOUTHERN SECTION
Chairman: J. BARTLAM. Hon. Secretary: A. J. DULEY. Hon. Treasurer: D. A. SMITH.

WEST COUNTRY SECTION
Chairman: D. HARRIES. Hon. Secretary: C. P. BRANDRAM JONES. Hon. Treasurer: G. REDDYHOFF.

WALES AND MARCHES SECTION
Chairman: T. ALUN DAVIES. Hon. Secretary: S. AZZOPARDI. Hon. Treasurer: G. SHARPE.

ULSTER SECTION
Chairman: D. H. DUNLOP. Hon. Secretary & Hon. Treasurer: H. GILMORE.

IRISH SECTION
Chairman: W. G. STUART. Hon. Secretary: D. BOLES.

AMERICAN SECTION
President: G. C. KENNEY. Secretary: E. EVANS. Treasurer: M. RIMLER. London Liaison Officer: N. LANGMAID.

TURRET CLOCK GROUP
Chairman: C. A. HARTRIDGE. Hon. Secretary: M. BUNDOCK. Hon. Treasurer: C. G. McKAY.

ELECTRICAL HOROLOGY GROUP
Chairman: M. A. MALTIN. Hon. Secretary: A. MITCHELL. Hon. Treasurer: Dr. D. VAUGHAN.

Printed for the A.H.S. by Thanet Printing Works, 81 High Street, Ramsgate Kent.
ANTIQUARIAN
HOROLOGY

AND THE PROCEEDINGS OF
THE ANTIQUARIAN HOROLOGICAL SOCIETY

VOLUME XIX
Autumn 1990 to Winter 1991
THE ANTIQUARIAN HOROLOGICAL SOCIETY

(A company limited by guarantee)

Members of Council and Officers as at Winter 1991

President: SIR NICHOLAS GOODISON, Kt., F.S.A.

Vice-Presidents: P. G. DAWSON; C. B. DROVER, T.D.; T. O. ROBINSON.

Members of Council: C. K. AKED; C. R. P. ALLIX; C. BIRD; M. G. HURST; C. J. HURRION (co-opted); R. J. LAW; A. E. RIPPINGTON; Mrs. R. SHENTON; M. M. SMITH; A. A. TREHERNE; J. H. F. WADSWORTH; M. T. WRIGHT.

Secretary: Mrs. M. COLLINS.

Editor Antiquarian Horology: D. M. PENNEY.

Publications Committee: R. J. LAW; Mrs. R. SHENTON; D. M. PENNEY.

Technical Enquiries Officer: J. H. F. WADSWORTH.

Advertising Agents: A., & P. LAW.

Solicitors: STUART, HURRION and Co, 112 Powis Street, Woolwich, London SE18 6LU.

Auditors: JOHN L. HASTINGS, Suite 1, Ivyholme, Station Road, Heathfield, East Sussex TN21 8LB.

Hon. Librarian: A. A. TREHERNE.

SCOTTISH SECTION

Chairman: Dr. M. DAREAU. Hon. Secretary: S. LOWMAN. Hon. Treasurer: I. W. LEMMON.

NORTHERN SECTION

Chairman: J. ARNFIELD. Hon. Secretary: B. PERCIVAL. Hon. Treasurer: P. G. TORRY.

MIDLANDS SECTION

Chairman: P. FALKLAND. Hon. Secretary: T. SIMMS. Hon. Treasurer: D. F. JONES.

EAST ANGLIAN SECTION

Chairman: C. BIRD. Hon. Secretary: R. H. A. MILES. Hon. Treasurer: S. W. WATKINSON.

SOUTH EASTERN SECTION

Chairman: A. WEAVING. Hon. Secretary: D. L. WOOD-HEATH. Hon. Treasurer: V. MORRIS.

SOUTHERN SECTION

Chairman: T. O. ROBINSON. Hon. Secretary: A. J. DULFY. Hon. Treasurer: D. A. SMITH.

WEST COUNTRY SECTION

Chairman: T. TAYLOR. Hon. Secretary: C. P. BRANDRAM JONES. Hon. Treasurer: G. REDDYHOFF.

WALES AND MARCHES SECTION

Chairman: T. ALUN DAVIES. Hon. Secretary: S. AZZOPARDI. Hon. Treasurer: G. SHARP.

ULSTER SECTION

Chairman: D. H. DUNLOP. Hon. Secretary & Hon. Treasurer: H. W. M. GILMORE.

IRISH SECTION

Chairman: W. G. STUART. Hon. Secretary: D. BOLES.

AMERICAN SECTION

President: G. C. KENNEY. Secretary: E. EDWARDS. Treasurer: M. RIMLER.

DUTCH SECTION

Chairman: C. HOFLAND. Hon. Secretary: N. PAAP.

CANADIAN SECTION

Chairman: P. ABERNETHY. Hon. Secretary: R. WILSON. Hon. Treasurer: P. BUCKLEY.

TURRET CLOCK GROUP

Chairman: C. A. HARTRIDGE. Hon. Secretary: M. BUNDOCK. Hon. Treasurer: C. G. McKAY.

ELECTRICAL HOROLOGY GROUP

Chairman: M. A. MALTIN. Hon. Secretary: A. MITCHELL. Hon. Treasurer: Dr. D. VAUGHAN.

Printed for the A.H.S. by Thanet Printing Works, 8 High Street, Ramsgate, Kent CT1 1UD.
VOLUME NINETEEN

PAGINATION OF ISSUES

<table>
<thead>
<tr>
<th>Issue No.</th>
<th>Year</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.1</td>
<td>Autumn 1990</td>
<td>116</td>
</tr>
<tr>
<td>No.2</td>
<td>Winter 1990</td>
<td>117-232</td>
</tr>
<tr>
<td>No.3</td>
<td>Spring 1991</td>
<td>233-340</td>
</tr>
<tr>
<td>No.4</td>
<td>Summer 1991</td>
<td>341-456</td>
</tr>
<tr>
<td>No.5</td>
<td>Autumn 1991</td>
<td>457-564</td>
</tr>
<tr>
<td>No.6</td>
<td>Winter 1991</td>
<td>565-664</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>665-691</td>
</tr>
</tbody>
</table>
LIST OF ARTICLES

The Deal Time Ball By Charles F. C. Beresford and John H. Combridge 33
The British Watch and Clockmaking Company (Some further notes) By R. F. Carrington 44
Richard Hornby: Watch and Chronometer Manufacturer of Liverpool By A. C. Purcell 57
Chronological Equilibrium (A 'mysterious' clock made by J. & A. McNab of Perth, No.102) By Felix Hudson 68
More on Robert Gardner By Charles Aked 71
Seasonal-Hour Sundials By Allan A. Mills 147
An Early Quarter Chiming Thirty Hour Clock By Tom Robinson 188
Robert Gardner: An Addendum By Charles K. Aked 190
Design Analysis of a William Hardy Regulator Spring Detent By Leslie Paton 193
Samuel Carpenter Watch Escapement By Henry B. Fried 202
Hamilton Marine Chronometer, No.503 By A. G. Randall 261
The Oldest 'Zaanse Klok' By E. H. Glasins 271
The 13th Century 'King Hezekiah' Water Clock: Further Addenda By John H. Combridge 290
A Short Epistle to the Longitudinarians By Charles K. Aked 292
English Grande Sonnerie Clocks: A Classification By John Winterton 301
Inland Longcase Clocks with Moon and Tidal Dials: An Investigation By P. A. Hewitt 309
Clocks for the Emperor By Allen H. Weaving 367
Some Early 19th Century Workmen By Francis Wadsworth 401
The Painted Dial in Ireland By M. F. Tennant 413
A Few Eighteenth Century Liverpool/Prescot Area Toolmakers By Ted Crom 419
History of the Horological Collections in Dresden By J. Schardin 493
A Half-hour Repeating Carriage Clock By M. P. Fernandez & P. C. Fernandez 522
A Pre-1750 Minute Repeating Watch By Arndt Simon 525
An Epicyclic Equation Gear Dated 1711 By G. White 531
A Musical Longcase by John Bicknill, Cirencester By George Hornby 539
E. T. Cottingham, F.R.A.S. By Dennis Jones 593
The Clocks of St. Andrew's Church, Hornchurch, Essex By E. J. Tyler 617
Vulliamy Clock Numbering: A Dated Series By Roger Smith 620
Bradeley's Primary and Secondary Patent Electric Clocks 626
Researching Turret Clock History: A Review By Alun C. Davies 628
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

INDEX TO VOLUME NINETEEN

Compiled by David Thompson Page numbers in bold type denote an illustration

A
Abdsy, Mr., movement maker 403
Abdy, Mr., hand maker 403
Abdy, J., movement maker 403
Abinger, Time Department 262
Abington, Mr., carver 403
Ackerman & Co., view of Liverpool, 1847 57
Act of Parliament see Tavern clock
Adams, J., Musical clock 369
Advertisement,
Gardner, Robert 76
Waltham Watch Co. 635
Airy, Sir George, auxiliary compensator 85
correspondence with British Watch and Clockmaking Co. 44-46, 547
Airy, G. B. and the Density of the Earth, lecture by Dr. A. Chapman 393
Aiyhes, Mr., mounter 403
Aked, Charles,
A Short Epistle to the Longitudinarians 292-300
book reviews 82, 86
letter, [AHS-BHI amalgamation] 212-213
letter [Robert Gardner] 315
Robert Gardner, An Addendum 190-192
Robert Gardner, More on 71-80
reports 28-29, 30, 259, 277-278, 366
tour of Oxford sundials 50
Alarm,
Duville of Boulogne, carriage clock 337
Ebsworth, John, lantern clock 351
Lefrand of Paris, carriage clock 137
monastic, shown in a painting 100, 217
Sellwood, William, lantern clock 351
Speakman, William, longcase clock 348
Almario, Dorothea, mathematician 294
American Clock Case Design, The Greek Revival Influence, by Lee H. Davis, reviewed 543
American clocks
American Clocks & Clockmakers by R. & H. Swedberg, reviewed 639
American Watch Co.
American Watchmakers’ Institute, conference 146
Amitie, mantel clock, [stolen] 222
Amsterdam, Nieuwe Kerk, Exhibition, Images of Time 144, 260
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anderson, Mr., wood carver.</td>
<td>403</td>
</tr>
<tr>
<td>Anderton, James, watchmaker</td>
<td>58</td>
</tr>
<tr>
<td>Anness, Mr., glass painter</td>
<td>403</td>
</tr>
<tr>
<td>Antikythera machine</td>
<td>95-97</td>
</tr>
<tr>
<td>Antiquarian Horological Society,</td>
<td>V19</td>
</tr>
<tr>
<td>AHS Tours Abroad, lecture by R. Miles</td>
<td>51</td>
</tr>
<tr>
<td>amalgamation with British Horological Institute</td>
<td>93, 94, 211-213</td>
</tr>
<tr>
<td>Annual General Meeting, 1991</td>
<td>390-391</td>
</tr>
<tr>
<td>Dutch Section</td>
<td>285</td>
</tr>
<tr>
<td>Electrical Horology Group, 1990</td>
<td>286</td>
</tr>
<tr>
<td>Midlands Section, 1991</td>
<td>280</td>
</tr>
<tr>
<td>National, 1990</td>
<td>171</td>
</tr>
<tr>
<td>National, 1991</td>
<td>511</td>
</tr>
<tr>
<td>Northern Section, 1991</td>
<td>279</td>
</tr>
<tr>
<td>South East Section, 1990</td>
<td>179</td>
</tr>
<tr>
<td>Southern Section, 1990</td>
<td>179</td>
</tr>
<tr>
<td>Southern Section, 1991</td>
<td>612</td>
</tr>
<tr>
<td>Turret Clock Group, 1990</td>
<td>285</td>
</tr>
<tr>
<td>Ulster Section, 1990</td>
<td>181</td>
</tr>
<tr>
<td>Ulster Section, 1991</td>
<td>613</td>
</tr>
<tr>
<td>Wales &amp; Marches Section, 1990</td>
<td>517-518</td>
</tr>
<tr>
<td>Canadian Section, Inaugural meeting</td>
<td>614</td>
</tr>
<tr>
<td>Midlands Section Conference 1991</td>
<td>609</td>
</tr>
<tr>
<td>publishing policy, letter</td>
<td>322-323</td>
</tr>
<tr>
<td>Annual Register, 1766, clocks for the Emperor of China</td>
<td>174</td>
</tr>
<tr>
<td>Applebee, Michael, letter [turret clock directory]</td>
<td>217</td>
</tr>
<tr>
<td>Apps of Battle, longcase clock, [stolen]</td>
<td>103, 223</td>
</tr>
<tr>
<td>Arago</td>
<td>45</td>
</tr>
<tr>
<td>Archer, Samuel, watch maker</td>
<td>403</td>
</tr>
<tr>
<td>Archon Gabriel, The [ship]</td>
<td>506</td>
</tr>
<tr>
<td>Aris, William, longcase clock</td>
<td>310</td>
</tr>
<tr>
<td>Armagh, Observatory, lecture by William Stuart</td>
<td>283, 613</td>
</tr>
<tr>
<td>Armstrong of Saffron Walden, turret clock</td>
<td>182, 183</td>
</tr>
<tr>
<td>Escapements, lecture</td>
<td>279</td>
</tr>
<tr>
<td>Arnold &amp; Dent,</td>
<td></td>
</tr>
<tr>
<td>address</td>
<td>172</td>
</tr>
<tr>
<td>Arnold &amp; Frodsham, watch no.9377</td>
<td>506</td>
</tr>
<tr>
<td>Arnold, John,</td>
<td></td>
</tr>
<tr>
<td>marine chronometer no.2143</td>
<td>610</td>
</tr>
<tr>
<td>pocket chronometer no.11</td>
<td>478</td>
</tr>
<tr>
<td>pocket chronometer no.3509</td>
<td>506</td>
</tr>
<tr>
<td>Arnold, John, Roger,</td>
<td></td>
</tr>
<tr>
<td>pocket chronometer no.1956</td>
<td>346</td>
</tr>
<tr>
<td>pocket chronometer no.2016</td>
<td>242</td>
</tr>
<tr>
<td>Arndt, Simon, letter [Henri Jacot]</td>
<td>651</td>
</tr>
<tr>
<td>Arszenius, G., astrolabe</td>
<td>634, 636</td>
</tr>
<tr>
<td>Arthur, Mr., chaser</td>
<td>403</td>
</tr>
<tr>
<td>Ashen, Edward, clock repairer</td>
<td>617</td>
</tr>
<tr>
<td>Ashwell, Josiah, clockmaker</td>
<td>31</td>
</tr>
<tr>
<td>Aspinall, Edward</td>
<td>421</td>
</tr>
<tr>
<td>Aspinall, Thomas</td>
<td>421</td>
</tr>
<tr>
<td>Aspinwall of Toxteth</td>
<td>50</td>
</tr>
<tr>
<td>Asselin of London</td>
<td>220</td>
</tr>
<tr>
<td>bracket clock, [stolen]</td>
<td>223</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aston Cantlow, turret clock</td>
<td>V19</td>
</tr>
<tr>
<td>Astrolabe, Hartmann, Georg, 1632</td>
<td>V19</td>
</tr>
<tr>
<td>Astronomical clock,</td>
<td></td>
</tr>
<tr>
<td>Anonymous, French</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, German</td>
<td>V19</td>
</tr>
<tr>
<td>Atkinson, R.’d E</td>
<td>V19</td>
</tr>
<tr>
<td>Baldwin and Bucher</td>
<td>V19</td>
</tr>
<tr>
<td>Brameld, Tim</td>
<td>V19</td>
</tr>
<tr>
<td>Jarvis, Roland</td>
<td>V19</td>
</tr>
<tr>
<td>Jenkins, Henry</td>
<td>V19</td>
</tr>
<tr>
<td>Klein, Father Johannes</td>
<td>V19</td>
</tr>
<tr>
<td>Metzker, Jeremias, tabernacle clock</td>
<td>V19</td>
</tr>
<tr>
<td>Ottery St. Mary, turret clock</td>
<td>V19</td>
</tr>
<tr>
<td>Su Sung, Emperor</td>
<td>V19</td>
</tr>
<tr>
<td>Tompion, Thomas, astrolabic longcase clock</td>
<td>V19</td>
</tr>
<tr>
<td>Ullmeyer, C., table clock</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, Chinese bracket clock</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, Chinese market</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, Diana on a Hart</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, Drumming Bear</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, elephant clock</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, elephant and chariot</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, mantel clock with industrial waterwheel</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, Pasha on Horse-back</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, Resting Dog</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, singing birds, [stolen]</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, smoking man</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, Triumph of Amphion</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, Triumphant Chariot of Bacchus</td>
<td>V19</td>
</tr>
<tr>
<td>Anonymous, vase with lotus flowers</td>
<td>V19</td>
</tr>
<tr>
<td>Brunn, Erasmus, Bear-Leader</td>
<td>V19</td>
</tr>
<tr>
<td>Carpenter, William, musical clock</td>
<td>V19</td>
</tr>
<tr>
<td>Coleman of London, bracket clock</td>
<td>V19</td>
</tr>
<tr>
<td>Cox, James, singing bird</td>
<td>V19</td>
</tr>
<tr>
<td>Fleury, L’aîné, watch</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, John, longcase clock</td>
<td>V19</td>
</tr>
<tr>
<td>Johnson, Edward, longcase clock</td>
<td>V19</td>
</tr>
<tr>
<td>Marriott, J., table clock</td>
<td>V19</td>
</tr>
<tr>
<td>Reichel, Tobias, various</td>
<td>V19</td>
</tr>
<tr>
<td>Rungel, Matthias, The Dance of the Hottentots</td>
<td>V19</td>
</tr>
<tr>
<td>Schloththaim, Hans, various</td>
<td>V19</td>
</tr>
<tr>
<td>Schuster, Paulus, masterpiece clock</td>
<td>V19</td>
</tr>
<tr>
<td>Su Sung, Emperor, clock</td>
<td>V19</td>
</tr>
<tr>
<td>Auction House, The Workings of a London, lecture by David Harries</td>
<td>282</td>
</tr>
<tr>
<td>August I, Elector of Saxony</td>
<td>V19</td>
</tr>
<tr>
<td>August III, Elector of Saxony</td>
<td>V19</td>
</tr>
<tr>
<td>Auld see Reid &amp; Auld</td>
<td>V19</td>
</tr>
<tr>
<td>Aureng-Zeb’s Birthday, by Andreas Fichtner</td>
<td>V19</td>
</tr>
<tr>
<td>Atwood, Seth, biography</td>
<td>V19</td>
</tr>
</tbody>
</table>
Williamson of London, clock 52\textsuperscript{V19}
Williamson, T., bracket clocks 367, 378-379\textsuperscript{V19}
Azzopardi, S., report 518\textsuperscript{V19}
Babbage, Charles 45-46\textsuperscript{V19}
Badcliffe, Mr., watch-cap maker 403\textsuperscript{V19}
Baddesley Clinton House, turret clock 611\textsuperscript{V19}
Badische Uhrenfabrik 178\textsuperscript{V19}
Bagnold, Lieutenant R. E., 36\textsuperscript{V19}
Baillie, John, clock 612\textsuperscript{V19}
Bain, Alexander, electric regulator 390\textsuperscript{V19}
Bainbridge of Stirling, longcase clock 414\textsuperscript{V19}
Baker, Henry, longcase clock 509\textsuperscript{V19}
Baker, Richard, longcase clock 110\textsuperscript{V19}
Balance, compensated\textsuperscript{V19}
Airy's bar 85\textsuperscript{V19}
Arnold, Z' type 346\textsuperscript{V19}
Barraud of London, auxiliary weight 85\textsuperscript{V19}
Gardner, Robert 76, 190\textsuperscript{V19}
Guillaume, Charles 191\textsuperscript{V19}
Hamilton 'ovalising' 267\textsuperscript{V19}
Hartnup 554\textsuperscript{V19}
integrated 85\textsuperscript{V19}
LeRoy of Paris 575\textsuperscript{V19}
Loseby, Edward 76-77, 85\textsuperscript{V19}
Pennington 5\textsuperscript{V19}
Poole, John 344\textsuperscript{V19}
Balance wheel engine 428\textsuperscript{V19}
Baldwein & Bucher, planetary clock 495, 496\textsuperscript{V19}
Baley, Thomas, longcase clock 484\textsuperscript{V19}
Ball, Sir Robert 601\textsuperscript{V19}
Balmain, W. H., patent 318\textsuperscript{V19}
Balthazar, clock 509\textsuperscript{V19}
Banfield, Edwin, The History of the Barometer, lecture 51\textsuperscript{V19}
Bannister, James, bracket clock, [stolen] 655\textsuperscript{V19}
Bannister, Joseph, regulator 182\textsuperscript{V19}
turret clock 182\textsuperscript{V19}
Bannister, William, fusee chain maker 403\textsuperscript{V19}
Barber, Benjamin, bracket clock 237\textsuperscript{V19}
Barbezat of Paris, dial 468\textsuperscript{V19}
Barbor, Mr., coachmaker 403\textsuperscript{V19}
Barbot, Paul 388\textsuperscript{V19}
Barclay, Richard, letter [Francis Marshall] 328\textsuperscript{V19}
Barker, Mr., chaser 403\textsuperscript{V19}
Barkley & Colley, longcase clock 252\textsuperscript{V19}
Barlow, Mr., file maker 403\textsuperscript{V19}
Barnard, D see Allen & Barnard\textsuperscript{V19}
Barnett, John, longcase clock 32, 259\textsuperscript{V19}
Barometer The History of lecture by Edwin Banfield 51\textsuperscript{V19}
Barometer, anonymous, with striking clock 245\textsuperscript{V19}
anonymous mantel clock 111\textsuperscript{V19}
Barometers, lecture by J. M. W. Foster 395\textsuperscript{V19}
Barometers, Care & Restoration of, by Philip Collins, reviewed 312\textsuperscript{V19}
Barraud & Lund, pocket chronometer? no.3/2555 506\textsuperscript{V19}
Barraud of London, auxiliary compensation weight 85\textsuperscript{V19}
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>marine chronometer no.2/611</td>
<td>445</td>
</tr>
<tr>
<td>[stolen]</td>
<td></td>
</tr>
<tr>
<td>marine chronometer no.2810</td>
<td>506</td>
</tr>
<tr>
<td>skeleton clock, spherical</td>
<td>227</td>
</tr>
<tr>
<td>Barrel, twin</td>
<td>4</td>
</tr>
<tr>
<td>Barrow, John</td>
<td>388</td>
</tr>
<tr>
<td>Bartlam, John, <em>The Mystery Clocks of A. R. Guilmet</em>, lecture</td>
<td>612</td>
</tr>
<tr>
<td>Bartram, Simon, bracket clock</td>
<td>B49, 486</td>
</tr>
<tr>
<td>Barwise, John, watch no.8184</td>
<td>506</td>
</tr>
<tr>
<td>Bassermann-Jordan, Ernst von</td>
<td>B05</td>
</tr>
<tr>
<td>Bateman, D., <em>A New Controller for the Time Ball and Shepherd Gate Clock, at Greenwich</em>, lecture</td>
<td>B614</td>
</tr>
<tr>
<td>Baton, Mr., gold polisher</td>
<td>403</td>
</tr>
<tr>
<td>Battery, earth</td>
<td>390</td>
</tr>
<tr>
<td>Baxter see Grimshaw &amp; Baxter</td>
<td>B19</td>
</tr>
<tr>
<td>Bayly, Joseph, watch</td>
<td>B482</td>
</tr>
<tr>
<td>Beale see Cox &amp; Beale</td>
<td>B19</td>
</tr>
<tr>
<td>Bearblock, Rev. James</td>
<td>B619</td>
</tr>
<tr>
<td><em>Beauty &amp; Justness</em>, lecture by Dr. R. Edgcumbe</td>
<td>B258</td>
</tr>
<tr>
<td>Becker, Gustav</td>
<td>B178</td>
</tr>
<tr>
<td><em>Bedfordshire Clocks</em>, lecture by C. Pickford</td>
<td>B180</td>
</tr>
<tr>
<td>Beeson, C. F. C., Clockmaking in Oxfordshire, reviewed</td>
<td>B207</td>
</tr>
<tr>
<td>Beeson Collection</td>
<td>B50</td>
</tr>
<tr>
<td>Beijing, <em>Clocks in the Forbidden City</em>, lecture by Alan Weaving</td>
<td>B51</td>
</tr>
<tr>
<td>Bell, inscribed B. W. W. 1824, [stolen]</td>
<td>B222</td>
</tr>
<tr>
<td>Bell, Dawson, longcase clock</td>
<td>B418</td>
</tr>
<tr>
<td>Bellot, Jaques, carriage clock</td>
<td>B563</td>
</tr>
<tr>
<td>Belmont House, Kent, AHS visit</td>
<td>B515</td>
</tr>
<tr>
<td>Beloe, Reginald</td>
<td>B24</td>
</tr>
<tr>
<td>Bennett, H., secret springer &amp;c.</td>
<td>B403</td>
</tr>
<tr>
<td>Bennett, James</td>
<td>B619</td>
</tr>
<tr>
<td>Bennett, Sir John, turret clock</td>
<td>B53</td>
</tr>
<tr>
<td>Benson, J. W., <em>V19</em></td>
<td></td>
</tr>
<tr>
<td>early wrist-watch</td>
<td>B100</td>
</tr>
<tr>
<td>turret clock</td>
<td>B183</td>
</tr>
<tr>
<td>turret clock, 1862 exhibition</td>
<td>B628</td>
</tr>
<tr>
<td>Beresford C. F. C and Combridge J. H., <em>The Deal Time Ball</em></td>
<td>B33-43</td>
</tr>
<tr>
<td>Berguer, F., repeating motion maker</td>
<td>B403</td>
</tr>
<tr>
<td>Berington, Samuel</td>
<td>B618</td>
</tr>
<tr>
<td>Berosus, Hemispherum of</td>
<td>B156</td>
</tr>
<tr>
<td>Berridge, Mr., escapement maker</td>
<td>B403</td>
</tr>
<tr>
<td>Berthoud, Ferdinand, mantel clock</td>
<td>B343</td>
</tr>
<tr>
<td>Berthoud, Louis, <em>Entretiens sur L'Horlogerie</em>, stolen</td>
<td>B554</td>
</tr>
<tr>
<td>Best, Mr., escapement maker</td>
<td>B403</td>
</tr>
<tr>
<td>Better, Sidney</td>
<td>B101</td>
</tr>
<tr>
<td>tourbillon</td>
<td>B113</td>
</tr>
<tr>
<td>Betteshanger, shutter telegraph station</td>
<td>B34</td>
</tr>
<tr>
<td>Betts, Jonathan, book review</td>
<td>B632-634</td>
</tr>
<tr>
<td>Bewcastle Cross, Cumberland, sundial</td>
<td>B153</td>
</tr>
<tr>
<td>Bicknill, John, longcase clock</td>
<td>B539-541</td>
</tr>
<tr>
<td>Bilfinger, Gustav</td>
<td>B90</td>
</tr>
<tr>
<td>Billingshurst, West Sussex, turret clock</td>
<td>B53</td>
</tr>
<tr>
<td>Bingham, Mr., watch-key maker</td>
<td>B403</td>
</tr>
<tr>
<td>Biography, <em>V19</em></td>
<td></td>
</tr>
<tr>
<td>Atwood, Seth</td>
<td>B171</td>
</tr>
<tr>
<td>Drover, C. B.</td>
<td>B606</td>
</tr>
<tr>
<td>McKay, Chris</td>
<td>B47</td>
</tr>
<tr>
<td>Randall, Anthony</td>
<td>B275</td>
</tr>
<tr>
<td>Rippington, Alan</td>
<td>B606</td>
</tr>
<tr>
<td>Entry</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006</td>
<td></td>
</tr>
<tr>
<td>Bird, Clifford, letter [membership]</td>
<td>607V</td>
</tr>
<tr>
<td>Bird, John, transit instrument</td>
<td>501V</td>
</tr>
<tr>
<td><strong>Black Forest Clockmakers and the Cuckoo Clock</strong>, by Karl Kochmann, reviewed</td>
<td>542V</td>
</tr>
<tr>
<td><strong>Black Forest Cuckoo &amp; Trumpeter Clocks</strong>, lecture by R. Foord</td>
<td>281V</td>
</tr>
<tr>
<td><strong>Black Forest Music Clocks</strong>, lecture by Karl Kochmann</td>
<td>516V</td>
</tr>
<tr>
<td>Blair Castle, AHS visit</td>
<td>512V</td>
</tr>
<tr>
<td>Blakes of South Moulton, longcase clock, [stolen]</td>
<td>445V</td>
</tr>
<tr>
<td>Blaylock, John</td>
<td>366V</td>
</tr>
<tr>
<td>Blockley see Lund &amp; Blockley</td>
<td>5V</td>
</tr>
<tr>
<td>Blunt, Mr., finisher</td>
<td>403V</td>
</tr>
<tr>
<td>Blythburgh, striking jack</td>
<td>630V</td>
</tr>
<tr>
<td>Board of Trade</td>
<td>45V</td>
</tr>
<tr>
<td>Boh, Johann, watch</td>
<td>506V</td>
</tr>
<tr>
<td>Bond, William Cranch, marine chronometer</td>
<td>543V</td>
</tr>
<tr>
<td><strong>Bond, William, Gravity Escapement</strong>, lecture by R. J. Griffiths</td>
<td>279V</td>
</tr>
<tr>
<td>Borovicus Station, sundial</td>
<td>160V</td>
</tr>
<tr>
<td>Borenger, Mr., cap-maker</td>
<td>403V</td>
</tr>
<tr>
<td>Borrell, G. H., bracket clock</td>
<td>336V</td>
</tr>
<tr>
<td>Borrell, Henry</td>
<td>388V</td>
</tr>
<tr>
<td>Bothamley, William, longcase clock</td>
<td>309V</td>
</tr>
<tr>
<td>Bouchet, mantel clock, [stolen]</td>
<td>223V</td>
</tr>
<tr>
<td>Boullin, Dr. D. J., letter [John Forrest watches]</td>
<td>317V</td>
</tr>
<tr>
<td>Boulton &amp; Watt</td>
<td>219V</td>
</tr>
<tr>
<td>Bourasseau, Jean-Francois, <em>La Mesure du Temps et Charles-Louis Largeteau</em>, reviewed</td>
<td>542V</td>
</tr>
<tr>
<td>Bourquin, Mr., watch repairer</td>
<td>403V</td>
</tr>
<tr>
<td>Bowen, Mr., watch jobber</td>
<td>403V</td>
</tr>
<tr>
<td>Bowker, Anne</td>
<td>58V</td>
</tr>
<tr>
<td>Boy, J., gold engraver and dial maker</td>
<td>403V</td>
</tr>
<tr>
<td>Bracket clock,</td>
<td></td>
</tr>
<tr>
<td>Adams, J., musical clock</td>
<td>369V</td>
</tr>
<tr>
<td>anonymous, Chinese</td>
<td>384V</td>
</tr>
<tr>
<td>anonymous, with winged cherub's head, [stolen]</td>
<td>445V</td>
</tr>
<tr>
<td>anonymous, Regency</td>
<td>560V</td>
</tr>
<tr>
<td>anonymous, Turkish market, [stolen]</td>
<td>222V</td>
</tr>
<tr>
<td>Asselin of London, [stolen]</td>
<td>223V</td>
</tr>
<tr>
<td>Atfield, James, [stolen]</td>
<td>445V</td>
</tr>
<tr>
<td>Bannister, James, [stolen]</td>
<td>655V</td>
</tr>
<tr>
<td>Barber, Benjamin</td>
<td>237V</td>
</tr>
<tr>
<td>Bartram, Simon</td>
<td>249V</td>
</tr>
<tr>
<td>Borrell, G. H.</td>
<td>336V</td>
</tr>
<tr>
<td>Brockbank &amp; Atkins, no.2025</td>
<td>17V</td>
</tr>
<tr>
<td>Cox, James [Ashmolean Museum]</td>
<td>50V</td>
</tr>
<tr>
<td>Coleman of London</td>
<td>341V</td>
</tr>
<tr>
<td>Constantine, John</td>
<td>465V</td>
</tr>
<tr>
<td>Creak, William</td>
<td>460V</td>
</tr>
<tr>
<td>Cross, John., [stolen]</td>
<td>654V</td>
</tr>
<tr>
<td>Drew, John, [stolen]</td>
<td>554V</td>
</tr>
<tr>
<td>East, Edward</td>
<td>569V</td>
</tr>
<tr>
<td>Ellicott of London</td>
<td>142V</td>
</tr>
<tr>
<td>Ellicott, John, Musical, [stolen]</td>
<td>654V</td>
</tr>
<tr>
<td>Ellicott, John, junior</td>
<td>353V</td>
</tr>
<tr>
<td>Favre, Henry</td>
<td>580V</td>
</tr>
<tr>
<td>Fromanteel &amp; Clarke</td>
<td>306V</td>
</tr>
<tr>
<td>Garon of London, [stolen]</td>
<td>223V</td>
</tr>
<tr>
<td>Garrett, William, [stolen]</td>
<td>223V</td>
</tr>
<tr>
<td>Gaze of London, [stolen]</td>
<td>654V</td>
</tr>
<tr>
<td>Graham, George, no.488</td>
<td>305V</td>
</tr>
<tr>
<td>Name</td>
<td>Reference</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Graham, George, no.637</td>
<td>232 V19</td>
</tr>
<tr>
<td>Graham, George, no.690</td>
<td>347 V19</td>
</tr>
<tr>
<td>Graham, George, no.719</td>
<td>26 V19</td>
</tr>
<tr>
<td>Gray, Benjamin, [stolen]</td>
<td>655 V19</td>
</tr>
<tr>
<td>Grey, Benjamin, [stolen]</td>
<td>655 V19</td>
</tr>
<tr>
<td>Grey, John</td>
<td>222 V19</td>
</tr>
<tr>
<td>Hall of Dover, [stolen]</td>
<td>445 V19</td>
</tr>
<tr>
<td>Hallam of Nottingham, [stolen]</td>
<td>553 V19</td>
</tr>
<tr>
<td>Hampton, Prince &amp; Cattle, [stolen]</td>
<td>329 V19</td>
</tr>
<tr>
<td>Hill, Thomas, [stolen]</td>
<td>445 V19</td>
</tr>
<tr>
<td>Hughes, Thomas, [stolen]</td>
<td>654 V19</td>
</tr>
<tr>
<td>Hunter, William</td>
<td>452 V19</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>564 V19</td>
</tr>
<tr>
<td>Knibb, Joseph, ebony veneered</td>
<td>19 V19</td>
</tr>
<tr>
<td>Knibb, Joseph, Dutch striking</td>
<td>249 V19</td>
</tr>
<tr>
<td>Knibb, Joseph, grande-sonnerie</td>
<td>301, 304 V19</td>
</tr>
<tr>
<td>Markwick, Markham of London</td>
<td>472 V19</td>
</tr>
<tr>
<td>Massey, Henry, [stolen]</td>
<td>329, 554 V19</td>
</tr>
<tr>
<td>Mew of Blandford, [stolen]</td>
<td>103 V19</td>
</tr>
<tr>
<td>Mitchell &amp; Russel, [stolen]</td>
<td>554 V19</td>
</tr>
<tr>
<td>Newman, Robert, [stolen]</td>
<td>554 V19</td>
</tr>
<tr>
<td>Norton, Eardley, [stolen]</td>
<td>655 V19</td>
</tr>
<tr>
<td>Pain, David, [stolen]</td>
<td>554 V19</td>
</tr>
<tr>
<td>Payne of London, [stolen]</td>
<td>554 V19</td>
</tr>
<tr>
<td>Payne, Robert</td>
<td>247 V19</td>
</tr>
<tr>
<td>Pepys, John, [stolen]</td>
<td>445 V19</td>
</tr>
<tr>
<td>Prior, George</td>
<td>567 V19</td>
</tr>
<tr>
<td>Pryor, Joseph</td>
<td>347 V19</td>
</tr>
<tr>
<td>Puller, Jonathan</td>
<td>360 V19</td>
</tr>
<tr>
<td>Purvis, Alexander</td>
<td>135 V19</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>664 V19</td>
</tr>
<tr>
<td>Quare, Daniel, no.62</td>
<td>347 V19</td>
</tr>
<tr>
<td>Quare &amp; Horseman no.288</td>
<td>248 V19</td>
</tr>
<tr>
<td>Rabby of Paris, [stolen]</td>
<td>329 V19</td>
</tr>
<tr>
<td>Rae, Joseph</td>
<td>132 V19</td>
</tr>
<tr>
<td>Rimbault, Stephen</td>
<td>50 V19</td>
</tr>
<tr>
<td>Roberts, James, [stolen]</td>
<td>655 V19</td>
</tr>
<tr>
<td>Senior, Allen, grande-sonnerie</td>
<td>302 V19</td>
</tr>
<tr>
<td>Shaw, John</td>
<td>456 V19</td>
</tr>
<tr>
<td>Shelton, John</td>
<td>26, 347 V19</td>
</tr>
<tr>
<td>Smith of Bartholmy</td>
<td>613 V19</td>
</tr>
<tr>
<td>Smith of London, [stolen]</td>
<td>655 V19</td>
</tr>
<tr>
<td>Smith, Jes.</td>
<td>284 V19</td>
</tr>
<tr>
<td>Smith, William, [stolen]</td>
<td>655 V19</td>
</tr>
<tr>
<td>Story, William, [stolen]</td>
<td>655 V19</td>
</tr>
<tr>
<td>Stryp, Bernardus van</td>
<td>119 V19</td>
</tr>
<tr>
<td>Style, Nathaniel, [stolen]</td>
<td>103 V19</td>
</tr>
<tr>
<td>Thwaites, John</td>
<td>142 V19</td>
</tr>
<tr>
<td>Thwaites of London, [stolen]</td>
<td>329 V19</td>
</tr>
<tr>
<td>Tomlin of London</td>
<td>16 V19</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>127 V19</td>
</tr>
<tr>
<td>Tompion, Thomas, ‘The Sussex’</td>
<td>304 V19</td>
</tr>
<tr>
<td>Tompion, Thomas, no.15</td>
<td>177 V19</td>
</tr>
<tr>
<td>Tompion, Thomas, no.21</td>
<td>177 V19</td>
</tr>
<tr>
<td>Tompion, Thomas, no.42</td>
<td>573 V19</td>
</tr>
<tr>
<td>Tompion, Thomas, no.181, [stolen]</td>
<td>654 V19</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Tompion, Thomas, no.184, [stolen] 654\textsuperscript{V19}
Tompion, Thomas, no.225 19\textsuperscript{V19}
Tompion, Thomas, 252 465\textsuperscript{V19}
Tompion, Thomas, no.367 348\textsuperscript{V19}
Tompion, Thomas, nos.217, 278, 300, 436, 443, 477 305\textsuperscript{V19}
Tompion & Banger no.286 347\textsuperscript{V19}
Tregent, James 352\textsuperscript{V19}
Viner of London 121\textsuperscript{V19}
Vulliamy, Justin 620\textsuperscript{V19}
Wade, Bartholomew, [stolen] 329, 445\textsuperscript{V19}
Walker, Thomas 358\textsuperscript{V19}
Webster & Son, [stolen] 223\textsuperscript{V19}
Whichcote, Samuel 568\textsuperscript{V19}
Williamson, T., 367\textsuperscript{V19}
Windmills, Joseph 583\textsuperscript{V19}
Wood, James, [stolen] 655\textsuperscript{V19}
Wood, R., [stolen] 655\textsuperscript{V19}
Bradford-on-Avon, chronometer workshops 262, 264\textsuperscript{V19}
Bradley, James, meridian 488\textsuperscript{V19}
Bradley's Primary and Secondary Patent Electric Clocks 626-627\textsuperscript{V19}
Brameld, T., Astronomical Regulator 181\textsuperscript{V19}
Brandon of Monflugen, mantel clock 554\textsuperscript{V19}
Brandt & Frère, wrist-watch 646-647\textsuperscript{V19}
Brant, Mr., chaser 404\textsuperscript{V19}
Bras-en-l'air clock 335\textsuperscript{V19}
Breguet of Paris, watch 239\textsuperscript{V19}
sale of watches 258\textsuperscript{V19}
wrist-watch 258\textsuperscript{V19}
Breguet, Abraham Louis, 502\textsuperscript{V19}
Arnold pocket chronometer no.11 478\textsuperscript{V19}
marine chronometer no.4859 4\textsuperscript{V19}
monstre à tact no.1489 506\textsuperscript{V19}
souscription watch no.834 506\textsuperscript{V19}
sympathique no.1 258\textsuperscript{V19}
watch 133\textsuperscript{V19}
watch no.3292 506\textsuperscript{V19}
British Horological Institute, amalgamation with Antiquarian Horological Society 93, 94\textsuperscript{V19}
Wyke & Green wheel-cutting engine 419\textsuperscript{V19}
British Railway Clocks, lecture by Dr. David Parr 175-176\textsuperscript{V19}
British Sundial Society, conference 28, 366\textsuperscript{V19}
British Watch & Clockmaking Company,\textsuperscript{V19} by R. F. Carrington letters 547, 644\textsuperscript{V19}
Britley, John 388\textsuperscript{V19}
Britten, keyless mechanism 85\textsuperscript{V19}
Brockbank, John 388\textsuperscript{V19}
Brockbank & Atkins, bracket clock no.2025 17\textsuperscript{V19}
Brockwell Park, Brixton, turret clock 565\textsuperscript{V19}
Broderick, Alan, letter [regulating village clocks] 648\textsuperscript{V19}
Brodie, J., repeating motion maker 404\textsuperscript{V19}
Bromley, Allan, letter [Antikythera machine] 96\textsuperscript{V19}
Bronnikov, M. C., watch 506\textsuperscript{V19}
Brooks, Grahame, letter [earliest wrist-watch] 221\textsuperscript{V19}
Broome, Thomas 388\textsuperscript{V19}
Brown, Mr., escapement maker 75\textsuperscript{V19}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Brown, Hepheish, mounter 404
Brown, Michael, Carriage Clocks, lecture 284
Brown, Thomas, engraver 404
Brown, William, watchmaker 328
Browne, Robert, astronomer 294
Brühl, Count Heinrich von 500
Brühl, Count Moritz von 502
Brunn, Erasmus, 'Bear-Leader' automaton 497, 503, 506
Brunn, Lucas 496, 510
Brunner & Pfeiffer-Belli, *Schweizer Armbanduhren*, reviewed 544
Brunton see Ford, Whitmore & Brunton
Brusa, G, letter [Filippino Lippi painting] 217
Bruton, Eric, letter 100
Bryer, dial maker 619
Buchsee see Baldwin & Buchsee
Bull, Edmund, watch 582
Bumpstead, turret clock 183
Bundock, Mike, letter [turret clock gazetteer] 322
Bunhill, Mr., watchmaker 404
Bunyon, William, watch club 218
Burchall, Adrian, letters [noctuary] 219, 324-325 651-653
Bureau clock 376
Bures, Suffolk, turret clock 182
Bürgi, Jobst, observatory clock 457
Burgundian clock 505
Burnett, J. E. 180
Buschmann, C., astronomical compendium 634
Buschmann, Caspar, III, clock 504
Butler, J. & J., Buhl worker 404
Beutel, Tobias, elder and younger 510
Buerm, J. E. noctuary 519
Burgess Battery Co., electric watch 635
B.W.W. 1824, inscribed on stolen bell 222
C
Cabrier, Charles 388
Caesium beam frequency standard 286
Cahaios, C., cabinet inlayer 404
Calendar 56
Bellot, Jaques, carriage clock 563
Bouchet of Paris, table regulator 468
Breguet, A. L., sympathique no.1 258
Delunsey of Paris, regulator 467
Dunlop, Andrew, longcase clock 323-324
Duville of Boulogne, carriage clock 337
Emden, Henou, watch 136
Fernbauer of Vienna, regulator 2
Hardley, Jeremy, longcase clock 590
Jumpt of London, carriage clock 473
Lefranc of Paris, carriage clock 137
Lepone of Paris, table regulator 574
LeRoy of Paris, table regulator no.112 469
Lory of Paris, table regulator 471
Quare & Horseman, bracket clock no.288 248
Ogden, John, longcase clock 188-189
Poole, David, regulator 592
Robin of Paris, table regulator 571
Walder, Thomas, bracket clock 358V19
Willmore, Jac., bracket clock 351-358V19
Calendar, Perpetual, V19
Barkley & Colley, longcase clock 252V19
Cattier wrist-watch 346V19
Cole, Thomas, wall regulator 128V19
Detouche, C., four-glass clock 570V19
Jarvis, Roland 490V19
Jump of London, carriage clock 254V19
Lund & Blockley, pocket chronometer no.2/705 20V19
Patek Philippe & Co 109, 113V19
Poole, D. J., 490V19
Reeve, C. B., longcase clock, [stolen] 103V19
Rolex, wrist-watch 346V19
Taylor, George, wall clock 653V19
Turnbull. Charles, on a sundial 50V19
Calipers 426V19
Cambridge, Fitzwilliam Museum 177, 513V19
Cambridge Observatory 601V19
Cambridge Scientific Instrument Co. 597V19
Campani, G., night-clock 508V19
Campbell & Orr 417V19
Campbell of London, regulator, [stolen] 103V19
Caney, Ash, chaser 404V19
Capellades see Olive' & Capellades V19
Capper, Mr., mounter 404V19
Cardiff, National Museum of Wales, clocks stolen 103V19
Carey, William, transit instrument 502V19
Carpenter, Henry, watchmaker 206V19
Carpenter, Samuel, Watch Escapement, by Henry B. Fried 202-206V19
Carpenter, William, 388V19
musical clock 377V19
Carriage clock, V19
Bellot, Jaques 563V19
Cole, James Ferguson 347V19
Duville of Boulogne 337V19
Jacot, Henri no.334/453 651V19
Jacot, Henri, no.17107, [stolen] 103V19
Jacot, Henri, carriage clock, [stolen] 554V19
Jump of London 254, 473V19
Lafrand of Paris 137V19
Leroy of Paris 588V19
Margaine of Paris, no.8320 522-524V19
Margaine of Paris, [stolen] 554V19
Nicole Nielsen no.11558 306, 308V19
Poole, John 344V19
Scherer, Frederic 462V19
Thornhill, W., no.20801, [stolen] 445V19
Vulliamy of London 306V19
Carriage Clocks, lecture by Michael Brown 284V19
Carrickfergus, turret clock 181, 613V19
Carrington & Co., tourbillon watch 339V19
Carrington, R. F., The British Watch & Clockmaking Company letter 547-548V19
Carter, John, chaser 404V19
Carter, John, Marmeter 298V19
Cartier, perpetual calendar wrist-watch 346V19
Cartwright, Thomas, watch
Case maker see also occupations
Case maker, clock
Gillows of Lancaster
Hill, William
Jacob, Henri
Oliver of Spalding
Smithe of Spalding
Sowerby, Jeremiah
Thalot, Andreas
Cashard, Gaspard, watch jobber
Castelli, pendule d'officier, [stolen]
Cay, Robert
Cederberg, Mr., hinge maker
Centre-seconds see also chronograph-wrist
Centre-seconds
Bellot, Jaques, carriage clock
Bouchet of Paris, table regulator
Detouche, C., four-glass clock
Gavelle le jeune, of Paris, mantel clock
Janvier of Paris, table regulator
Jarossay, Louis Antoine, wall regulator
Leroy of Paris, table regulator no.112
Lory of Paris, table regulator
Mudge & Dutton watch
Semaine of London, mantel clock
Walder, Thomas, bracket clock
Chalier, Father Valentin
Chalklen of Canterbury, longcase clock
Champion, John
Chanor, Mr., engraver and enameller
Chapelle, Ken, letter, [William Hardy]
Chapman, Mr., repeating motion maker
Chapman, Dr. A., *The Pit and the Pendulum: G. B. Airy and the Density of the Earth*, lecture
Chao En-Lai, President
Chaoh-Ching, turret clock
Chapiro, Meslin-Perrier & Turner, *Catalogue de L'horlogerie &c*, reviewed
Charles II, royal warrant
Charlton, Mr., mason
Charon, Mr., watchcase engraver
Chartham, Kent, turret clock
Che-Tsung, Emperor
Chesters Museum, Northumberland, Roman Sundial
Chevalier de Bethune, escapement
Chien Lung, Emperor
Child, Henry, longcase clock
Chilham Castle, Kent, clocks stolen
turret clock
Chiming, quarter,
Creak, William, bracket clock
Ogden, John, longcase clock
Thwaites of London, bracket clock
China, clocks exported to
Chinez, T., metal turner
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Chipenden, Mr., plater 404

Christian I, Elector of Saxony 495

Christian II, Elector of Saxony 495

Chronograph see also chronograph-wrist

Chronograph pocket

Nicole Nielsen & Co. 481

Patek Philippe 113

Smith, S. & Son, no.159-1895 339

Chronograph-wrist, Patek Philippe & Co. 109, 113, 480

Chronological Equilibrium, J. & A. McNab no.102, 68-70

Chronometer Comparator, Gardner’s 72

Chronometer, box

Gutkaes, J. Fr. nos. 43 & 49 502

Mathison of Leith, [stolen] 655

Mercer, Thomas 262

Mudge, Thomas, junior, no.18 502

Pennington & Pendleton no.18 502

Seyffert, J. H., nos.7 & 8 502

Chronometer Makers of the World, by Tony Mercer, reviewed 632-634

Chronometer, marine

Arnold, John no.2143 610

Arnold & Dent no.1012 33

Barraud of London no.2/611, [stolen] 455

Barraud of London no.2810 506

Bond, William Cranch 543

Breguet, A.L. no.4859 4

Crisp, W.B., no.3253, [stolen] 554

Gardner, Robert 190-192

Gardner, Robert, no.5/4162 71

Hamilton Watch Co. no.503 261-270

Hornby, Richard, no.134, description 66-67

Hornby, Richard, list of examples 65

Hornby, Richard & Son, nos.1300 & 1309 216

Hornby, Richard & Son, no.1421 319

Mudge, Thomas, 'Blue' 506

Mudge, Thomas, 'Green' 610

Chronometer, pocket

Arnold, John no.11 478

Arnold, John no.3509 506

Arnold, John, Roger no.1956 346

Arnold, John, Roger no.2016 242

Barraud & Lund, no.3/2555 506

Earnshaw, Thomas, pocket chronometers no.570 and 939 506

Emery, Josiah no.957 610

Hardy, William no.278 319-320

Kessels of Altona 661

Lund & Blockley no.2/705 20

Robinson, Owen 360

Watkins, Alexander 610

Chronometer-watch

anonymous, tourbillon 108

Nicole Nielsen of London 339

Piguet & Seidel, grand complication 509

Seidel, Martin 507

Smith, S. & Son, no.188-250 339

Chronometers & Marine Navigation, lecture by D. Harries 514
Chronopher 36
Città Lavinia, hemicylium 158
Clare, Essex? turret clocks 182
Clarke see Fromanteel & Clarke
Clarke, George, musical clock 381
Clarke, George & Josiah, turret clock no.502 281
Clay, Charles, organ clock 373
Clement, Robert, longcase clock 240
Clepsydra see also water clock
Clepsydra Society in Korea 260
Cley, Charles, longcase clock, [stolen] 655
Clock & Watch Clubs 218, 315-317
Clock case Making, lecture by Gurney Crane 282
Clock Cases, Wooden, The Restoration and Polishing of; lecture by Olivia McClure 396
Clock Guide by Robert Miller, reviewed 638-639
Clocks For The Emperor, by Allen Weaving 367-389
Clocks for the Emperor, lecture by Allen Weaving 173
Clocks in the Forbidden City, Beijing, lecture by Allen Weaving 51
Clock-watch 1920-1930, lecture by J. Arnfield 279
Clowes, John, longcase clock 116
Clutton, Cecil (Sam), obituary 257, 491
Clyno Engineering Co. 598
Cock, Mr., engine turner 404
Cockran of Lurgan, longcase clock, [stolen] 329
Combridge see Beresford & Combridge
Colchester, Tymperley's Museum, AHS visit 181
Cole, James Ferguson, carriage clock, 1823 347
Cole Thomas, lecture by Ron Rose 612
Cole, Thomas, strut clock, no.553 477
Coleman of London, bracket clock 341
Colhoun, James & Son, longcase clock 417
Collection
Beeson 50
Gershom-Parkington, Frederic 393
Harris, Lord 515
Mallet 231
Mason, Bernard 181
Plaut, Hans, Georg 432
Sargisson, Roy 32, 259
Smith & Smith 65
Terry, Noel 514
Usher, James Ward 32
Colley see Barkley & Colley
Collier, Mr., watch jeweller 404
Collins, Mr., seal maker 404
Collins, Mr., pendulum wire drawer 404
Collins, M., report 390-391
Collins, Philip, Care & Restoration of Barometers, reviewed 312
Colonial Society, The, 263
Columbia, Pennsylvania, NAWCC Museum 174
Combridge, John, *The 13th Century 'King Hezekiah' Water Clock: Further Addenda* 290-291

Compendium, astronomical 634

Competition 257, 280, 490

Complete British Clocks, by B. Loomes, letter 97

Comtesse see also Derausellis & Comtesse

Comtesse & Humbert, watch case makers 404

Comtesse, Madelainer, watch case maker 404

Conning, Mr., mounter 404

Connecticut Clockmaking, The Technical Evolution of lecture by Ken Roberts 396

Connecticut Clocks of Wrought Brass, lecture by Ken Roberts 393, 613

Conneer, Mr., watch finisher 404

Connel of Cheapside, mantel clock, [stolen] 103

Conradi, Conradeus 510

Conservation and restoration course 29

Constantine, John, bracket clock 465

Cook, William, inscribed on a watch 655

Cooke of York, turret clock 613

Cooke, Thomas, turret clock 180

Cooper, Mr., clock maker 404

Cooper, John, turret clock 182

Cooper, Lewis, letter 97

Cope, Joseph, file and saw maker 404

Cork, Clockmaking in, lecture by William Stuart 284

Coteau of Paris, dial 467

Cottingham, E.T., 257

Cottingham, E. T., by Dennis Jones 593-605

business papers 597

Edinburgh Observatory 597

house 597

Royal Astronomical Society 594

shop 595

Cottingham, Leslie 602

Coulning, Mr., mounter 404

Covel, Mr., chaser 404

Coventry, Edward 58

Cowfold, West Sussex, turret clock 53

Cox, James, advertisement 52

bracket clock [Ashmolean Museum] 50

singing bird 383

Cox, John Henry 377

Cox & Beale 378

Cox & Laurent 378

Craft, Mr., painter in enamel 404

Cramphorn & Son, modeller 404

Crane, Aaron, clock 175

torsion pendulum clock 178

Crane, Gurney, Clock Case Making, lecture 282

Crawford, James, metal worker 404

Creak, William, bracket clock 460

Crisford, Andrew 256

Crisp, W. B., marine chronometer no.5253, [stolen] 554

Crom, Theodore, *A Few 18th Century Liverpool/Prescot Toolmakers* 419-430

18th Century Tool Makers, lecture 50

Trade Catalogues 1542-1842, reviewed 81
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Crondall, Hampshire, turret clock 53V19
Crook, Mr., turner 404V19
Cross, Mr. 594V19
Cross, John, bracket clock, [stolen] 654V19
Cross-beat escapement 457V19
Crossley, Edward, mounter 405V19
Crostwaite & Hodges, longcase clock 415V19
Crostwaite, John, regulator 283V19
Crowley, Finbarr, reports 284-285, 396V19
Cuckoo clocks 281, 647-648V19
Cuendet, Edward, repeating motion maker 405V19
Cuendet, Samuel, repeating motion maker 405V19
Culmore, D., silver piercer 405V19
Culver, Mr., watch engraver 405V19
Cundle, S., gilder 405V19
Curzon, Mr., letters from Thomas Scotchford 74-75V19
Cusin, Mr., watch dealer 405V19
Cuthbert, John 388V19

D
Daggett, Rev. M. W., American Clocks, lecture 513V19
Danby, Mr., stone engraver 405V19
Dance of the Hottentots, automaton clock 497V19
Daniel of Sandbach, longcase clock, [stolen] 655V19
Daniel, Christopher, Stained-Glass Window Sundials, lecture 28V19
Dareau, M., book review 83-84V19
Darreau, Dr. Michael, Scottish Clockmaking 180V19
D'Artois La Veuve 405V19
Darwen, Horace 597V19
Darwin, Erasmus, noctuary 219, 325, 652V19
Dastenat, Mr., watch finisher 405V19
Davenport, James 388V19
Davies, Alun, The History of Clockmaking in Wales, lecture 518V19
Davies, Roger, [letter John May] 654V19
Davies, William, inscribed on a watch 655V19
Davis, see Dennison, Howard & DavisV19
Davis, see Litherland, Davis & CoV19
Davis, Lee H., The Greek Revival Influence on American Clock Case Design, reviewed 543V19
Davis, Mark, Tymperley's Museum 181V19
Dawson, Percy 177V19
Day, Admiral 262V19
Day., Mr., sculptor 405V19
Day, Samuel, patent noctuary 651V19
Deal, Old Semaphore Tower 33V19
Royal Signal Tower 34V19
Deal Time Ball, The, by C. Beresford & J. Cambridge 33-43V19
Deal Time Ball mechanism 35-41V19
Deal & Ramsgate Railway 36V19
Debarry, Henry 388V19
DeChamps, J., engine turner 405V19
De La Fontaine, Mr., chaser 405V19
Delunsey of Paris, regulator 467V19
Demsey see Erhardt & DemseyV19
Dennison, Aaron 636V19
Dennison, Howard & Davis, watch no.2954 172V19
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Dent see also Arnold & Dent\textsuperscript{V19}

Dent, Mr., escapement maker 405\textsuperscript{V19}
Dent of London 45\textsuperscript{V19}
Derausellis & Comtesse, case makers 405\textsuperscript{V19}
Dereham, William 298\textsuperscript{V19}
De Rijp, Holland, turret clock 272\textsuperscript{V19}
Desperrois, Mr. 405\textsuperscript{V19}
Detouche, C., four-glass clock 570\textsuperscript{V19}

Dial,\textsuperscript{V19}

astrolabic 177\textsuperscript{V19}
decimal 50\textsuperscript{V19}
double 113\textsuperscript{V19}
luminous-painted 318\textsuperscript{V19}
painted 49, 413-418\textsuperscript{V19}
skeletonised 347\textsuperscript{V19}
tidal 1, 102\textsuperscript{V19}
wandering-hour 136\textsuperscript{V19}
world-time 113\textsuperscript{V19}

Dial maker,\textsuperscript{V19}

Francis, William 417\textsuperscript{V19}
Osborne, of Birmingham 414-417\textsuperscript{V19}
Owen, Edward 417\textsuperscript{V19}
Wilson, Francis 417\textsuperscript{V19}

Diep, Herrmann, goldsmith 495\textsuperscript{V19}

Digital clock by Ludwig Teubner 508\textsuperscript{V19}
Dinglinger, Johann Melchoir 509\textsuperscript{V19}
Dingwall-Beloe lecture 24, 478, 493\textsuperscript{V19}
Diopter-altitude meter, by Christoff Trechsler 497\textsuperscript{V19}
Ditton, Mr., mathematician 294\textsuperscript{V19}
Division plate 429\textsuperscript{V19}
Dixon of York, wall clock 553\textsuperscript{V19}
Dobbsie, Thomas, regulator 22\textsuperscript{V19}
Dolland & Co [Dollond?] 600\textsuperscript{V19}
Donisthorpe, Jo., longcase clock, [stolen] 655\textsuperscript{V19}
Dorell, Mr., imitative enameller 405\textsuperscript{V19}
Dover Railway see London Bridge & Dover\textsuperscript{V19}

Doxez, Mr., well digger 405\textsuperscript{V19}
Doyle, Mr., watch glass maker 405\textsuperscript{V19}
Draper, Mr., clock maker 405\textsuperscript{V19}
Drayton House, clock by Tompion 513\textsuperscript{V19}

Dresden, The History of the Horological Collections, by J. Schardin \textsuperscript{493-510V19}

Dresden,\textsuperscript{V19}

Grünes Gewölbe 508\textsuperscript{V19}
Mathematisch-Physikalische Salon 501, 507\textsuperscript{V19}
observatory 501\textsuperscript{V19}
Zwinger 493\textsuperscript{V19}

Drew, John, bracket clock, [stolen] 554\textsuperscript{V19}
Drinkwater, Peter, letter 97\textsuperscript{V19}
Drover, C.B., biography 606\textsuperscript{V19}
Drury, Mr., bell founder 405\textsuperscript{V19}
Drury, John, 30-hour clock 608\textsuperscript{V19}
Dubois, Mr., mounter 405\textsuperscript{V19}
Duck, G., 388\textsuperscript{V19}
Duff, Mr., gut-line maker 405\textsuperscript{V19}
Dukewitz, Gotfried Heinrich 510\textsuperscript{V19}
Duley, A.J., reports 179, 282, 395, 517\textsuperscript{V19}
Duncombe, Mr., water gilder 405\textsuperscript{V19}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Dundee, City Museum, AHS visit 512\textsuperscript{V19}

Dünebier, Johann Christian 509\textsuperscript{V19}

Dunlop, Andrew, longcase clock 323-324\textsuperscript{V19}

Dunsink observatory 283\textsuperscript{V19}

Durand, Mr., dealer in copper 405\textsuperscript{V19}

Durgerdam, Holland, turret clock 272\textsuperscript{V19}

Durham & Co., paper makers 425\textsuperscript{V19}

Dunker, Mr., finisher 405\textsuperscript{V19}

Duschesne, clock 509\textsuperscript{V19}

Dutton see also Mudge & Dutton\textsuperscript{V19}

Dutton, William, regulator 513\textsuperscript{V19}

Duville of Boulogne, carriage clock 337\textsuperscript{V19}

Dyar, John 617\textsuperscript{V19}

*Dynadromic Free Pendulum, The*, lecture by Peter Wills 395\textsuperscript{V19}

Dyson, Sir Frank 602\textsuperscript{V19}

E

Earl of Sandwich, The, [ship] 377\textsuperscript{V19}

Earnshaw; Thomas,\textsuperscript{V19}

- inventory 44\textsuperscript{V19}
- pocket chronometers no.570 and 939 506\textsuperscript{V19}
- regulator no.1 283\textsuperscript{V19}
- Wright's patent watch 610\textsuperscript{V19}

East, Edward,\textsuperscript{V19}

- bracket clock 569\textsuperscript{V19}
- watch, [stolen] 655\textsuperscript{V19}

East India Company 52, 173, 174, 324, 374, 368\textsuperscript{V19}

Eaton, Mr. 36\textsuperscript{V19}

Eckstein & Hayward, turners 405\textsuperscript{V19}

Eclipse Committee 602\textsuperscript{V19}

Ecouen, Chateau d', catalogue, reviewed 634\textsuperscript{V19}

Eddington, Sir Arthur 602\textsuperscript{V19}

Edgumbe, Dr. Richard, *Beauty & Justness*, lecture 258\textsuperscript{V19}

*The Embossed Watch Case in 18th Century London*, 512\textsuperscript{V19}

Edidin, Michael, *The Tobias Family*, lecture 608\textsuperscript{V19}

Edinburgh, Calton Hill Observatory 131, 597\textsuperscript{V19}

Edison & Swann Ltd 598\textsuperscript{V19}

Edmonds of Liverpool, watch no.736, [stolen] 223\textsuperscript{V19}

Edwards, Mr., clock case maker 405\textsuperscript{V19}

Edwards, Mr., cap maker\textsuperscript{V19}

Edwards of London, longcase clock 122\textsuperscript{V19}

Edwards, William 388\textsuperscript{V19}

Edwards, William, clock repairer 617\textsuperscript{V19}

Edwards, William, fusee chain maker 405\textsuperscript{V19}

Eilenburg, Christian Heinrich 510\textsuperscript{V19}

Elco Clocks & Watches 221\textsuperscript{V19}

Eldridge, W., motion work maker 405\textsuperscript{V19}

Electric & International Telegraph Company 36\textsuperscript{V19}

Electric Clocks,\textsuperscript{V19}

- Bain, Alexander, regulator 390\textsuperscript{V19}
- Exhibition, Newbury Parish Church Hall 54\textsuperscript{V19}

Electric Watch 635\textsuperscript{V19}

Electrical Horology Group, AGM, 1990 286\textsuperscript{V19}

- visit to private collection 519\textsuperscript{V19}

Electrical Power Storage Co 598\textsuperscript{V19}

Electrically wound clock, by Perret 396\textsuperscript{V19}

Elephant and chariot automaton 371\textsuperscript{V19}

Elephant clock 368, 372\textsuperscript{V19}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Elizabeth I 258 V19
Elgin, Lord 382 V19
Elinvar 191 V19
Ellicott of London, bracket clock 142 V19
bracket clock, musical, [stolen] 654 V19
chaise watch 526 V19
longcase clock 236 V19
watch no.2844 525-530 V19
watch no.3119 527 V19
watch no.5515 549-550 V19
Ellicott, Edward, watches to China 52, 380 V19
Ellicott, John, junior, bracket clock 353, 577 V19
watch no.4793 506 V19
Elliott, R.W., F. W. Elliott Ltd., lecture 517 V19
Ellison, T., watchcase maker 64 V19
Emden, Henou, watch 136 V19
Emberson, Thomas, longcase clock 101 V19
Emery, Josiah, pocket chronometer no.957 610 V19
watch for Louis XVI 550 V19
watches to China 52, 380 V19
watch 644 V19
Enamel watch cases, various 11 V19
Enamelling, The History & Techniques of, lecture by R. J. Griffiths 608 V19
Encyclopedia Londiniensis 1829 1 V19
Endless screw see worm V19
Engelmann, Max 505 V19
English Clock, The Evolution of, lecture by Brigadier Neilson 47 V19
English Grande-Sonnerie Clocks, by John Winterton 301-308 V19
English Thirty-Hour Clocks, lecture by Tom Robinson 607 V19
English Watch making, A Ramble Through, lecture by D. Penney 51 V19
Epicyclic clock, Wigston & Strutt skeleton clock 124 V19
Equation of time indication, V19
Bouchet of Paris, table regulator 468 V19
Breguet, A.L., sympathique no.1 258 V19
Delunsey of Paris, regulator 467 V19
Dutton, William, regulator 513 V19
LeRoy of Paris, table regulator no.112 469 V19
Lory of Paris, table regulator 471 V19
Poole, David, regulator 592 V19
Robin of Paris, table regulator 571 V19
Tompion, Thomas, Drayton House clock 513 V19
Williamson, Joseph, longcase clock 50 V19
Willmore, Jac., bracket clock 531-538 V19
Ericson, finder of Mudge 'Blue' 506 V19
Escapement, V19
anchor, earliest? 50 V19
Arnfield gravity 280 V19
Bond, William, gravity 279 V19
Brocot, Achile 570, 584 V19
Carpenter, Samuel 202-206 V19
Chevalier de Bethune 279 V19
cross-beat 457 V19
Hardy, spring detent 193-201, 320-322 V19
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Hornby, Richard
Massey lever
May, Mr.
Peto cross-detent
rack-lever
ratchet-tooth [English] lever
Richard, Louis
Savage two-pin
spring-pallet
Theurillat, X. constant-force
tic-tac
Winnerl, Tadeus

Escapement maker,
Brown, Mr.
Curzon, Mr.
Scotchford, Thomas.

Escapements, lecture by Jim Arnfield
Evans of Birmingham, wall clock
Evans, W. F. & Sons, bill-head
Evans, David
Everleigh, George, longcase clock, stolen
Exeter, Marquis of

Exhibition, Amsterdam, Nieuwe Kerk, Images of Time
Lincoln, Usher Gallery, The Sargisson Collection
London 1862
Newbury Baptist Church Hall, Slave Clocks
Oxford, Museum of the History of Science, John Forrest
Saffron Walden Museum, Time Passed

F
Fabergé of Paris, mystery clock, [stolen]
Facio, Nicholas
Fallet, G., letter [wrist-watch]
Falling-ball clock by Martin Hillius
Farmer, Mr., mounter
Father Time
Fauch see Gibson & Fauch
Favre, Henry, bracket clock
Feed, R., jeweller
Fenton, James, Lowe, inscribed on a watch
Ferdinand, Archduke of Tyrol
Ferdinand VI of Spain
Ferguson, James, tidal dial
Fernandez, M. & Fernandez, P., A Half-Hour Repeating Carriage Clock
Ferrier, E, four-glass clock
Fertbauer of Vienna, regulator
Fichtner, Andreas, Aureng-Zeb Birthday clock
Field, John
Filing, Grinding & Polishing Tools, lecture by Bertie McClure
Filing, The History and Technique of lecture by McClure & Stuart
Fine Antique Clocks of the 17-19th Centuries, Klaus Maurice, reviewed
Finé, First Book of Solar Horology,
Finney, Joseph, clockmaker
Fischer, Johann Benjamin, ring-watch
Fischer, R.,
Fishwick, Henry, watchcase maker
Fitzir. see Summers & Fitzir
Flack, Thomas, carpenter 405
Flaggate, John, longcase clock 134
Fleetwood, Robert 388
Fleming, Sir Sandford 113
Fleury, L’ainé, automaton watch 113
Flockhart, Andrew, watch maker 405
Foden of Congleton, longcase clock, [stolen] 655
Fogg, vibrating balance spring 637
Foggo, George, watch jeweller 405
Foggo, James 213
Foord, Ron, Black Forest Cuckoo & Trumpeter Clocks, lecture 281
book review 638-639
report 516
Ford, W. J. 42
Ford, Whitmore & Brunton, tool makers 50
Form watch, crucifix 509
mandolin 346
skull 258, 506
various, in Dresden 506
Forrest, John, exhibition of watches 317
Fortunaul Co. 178
Foster, J. M. W., Barometers, lecture 395
Foster, T., jeweller 405
Four-glass clock, Connel of Cheapside, [stolen] 103
Detouche, C. 570
Ferrier, C. 584
Pons, David' 584
Roblin & Fils Frères, [stolen] 103
Searle & Co., [stolen] 655
Whitelaw, James 334
Fox & Sons 388
Francis, William, dial maker 417
Frankland, Peter, report 178
Frauenpreis, Johan, watch 506
Fray, Mr., tin-plate worker 405
Frederic August I, Elector of Saxony 498
Frederic August II, Elector of Saxony 500
Frederic IV of Denmark 661
Free, John, turner and filer 406
French, Edward, watch manufacturer 406
Freunde Alte Uhren, activities report 260
Fried, Henry, reviews 90, 312-313
Samuel Carpenter Watch Escapement 202-206
Frisius, Gemma see Arsenius
Frodsham see also Arnold & Frodsham
Frodsham of London, mantel clock 559
pocket chronograph 481
watch no.6109 44
Frodsham, W. J., escapement maker 406
Fromanteel & Clarke, bracket clock 306
Fromanteel of London?, longcase clock 50
Frost, W. & J., engine turners 406
### Cumulative Index for Antiquarian Horology Volumes 10 to 19

Compiled by Edward Powell @ AHS 2006

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuerstenfelder, Benedict, table clock</td>
<td>526V19</td>
</tr>
<tr>
<td>Furze, William, secret spring maker</td>
<td>406V19</td>
</tr>
<tr>
<td>Galt &amp; Company, early wrist-watch</td>
<td>100V19</td>
</tr>
<tr>
<td>Galvanomagnetic regulator, Shepherd 1854</td>
<td>38V19</td>
</tr>
<tr>
<td>Gambey</td>
<td>45V19</td>
</tr>
<tr>
<td>Gamester, C., letter [pivot friction]</td>
<td>651V19</td>
</tr>
<tr>
<td>Garcia-Diego &amp; González Aboin, <em>Juanelo Turriano</em>, reviewed</td>
<td>82V19</td>
</tr>
<tr>
<td>Gardner, John</td>
<td>78, 190V19</td>
</tr>
<tr>
<td>Gardner, Robert, More on, by Charles Aked</td>
<td>71-80V19</td>
</tr>
<tr>
<td>Gardner, Robert, An Addendum, by Charles Aked</td>
<td>190-192V19</td>
</tr>
<tr>
<td>Garwood of Guildford, turret clock</td>
<td>54V19</td>
</tr>
<tr>
<td>Gaskell, Elizabeth, <em>Wives and Daughters</em></td>
<td>648V19</td>
</tr>
<tr>
<td>Gaumont Watch Co.</td>
<td>490V19</td>
</tr>
<tr>
<td>Gaville le jeune of Paris, mantel clock</td>
<td>581V19</td>
</tr>
<tr>
<td>Gillett &amp; Johnson, turret clocks</td>
<td>654V19</td>
</tr>
<tr>
<td>Gerald &amp; Pryse, carvers and gilders</td>
<td>406V19</td>
</tr>
<tr>
<td>Geneva turn bench</td>
<td>426V19</td>
</tr>
<tr>
<td>Gent &amp; Co</td>
<td>600V19</td>
</tr>
<tr>
<td>Gernegross, Johann Gottlob</td>
<td>510V19</td>
</tr>
<tr>
<td>Gershom-Parkington Collection, The, lecture by Viscount Midleton</td>
<td>393V19</td>
</tr>
<tr>
<td>Gibbons, Michael, reports</td>
<td>179, 281-282, 516, 612V19</td>
</tr>
<tr>
<td>Gibson &amp; Fauch, jewellers</td>
<td>406V19</td>
</tr>
<tr>
<td>Gillett &amp; Johnson, turret clocks</td>
<td>53, 54, 281, 619V19</td>
</tr>
<tr>
<td>Gillet, E.</td>
<td>406V19</td>
</tr>
<tr>
<td>Gillow see Waring &amp; Gillow</td>
<td>49V19</td>
</tr>
<tr>
<td>Gillows, Robert, clock cases</td>
<td>49V19</td>
</tr>
<tr>
<td>Gilmore, Harry, reports</td>
<td>181, 613V19</td>
</tr>
<tr>
<td>Gipfel, Gabriel, clock</td>
<td>508V19</td>
</tr>
<tr>
<td>Girard, John</td>
<td>388V19</td>
</tr>
<tr>
<td>Girard Perregaux, early wrist watch</td>
<td>100, 317-318V19</td>
</tr>
<tr>
<td>Glasgow, Garnet Hill observatory</td>
<td>276V19</td>
</tr>
<tr>
<td>Glasius, E.H., The Oldest Zaanse Clock</td>
<td>271-274V19</td>
</tr>
<tr>
<td>Glashütte, watches and clocks, sale of Globe,</td>
<td>259V19</td>
</tr>
<tr>
<td>Hahn &amp; Schuster, clock</td>
<td>505V19</td>
</tr>
<tr>
<td>Lenker</td>
<td>508V19</td>
</tr>
<tr>
<td>Roll &amp; Reinhold</td>
<td>495V19</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Göbe, Hans, clockmaker 495, 510
Goner, Mr., enameller 406
Good, Richard, The Development of the Watch in the 18th Century, lecture 52
Goodall, Mr., picture frame maker 406
Goode, Charles, watch 551
González Abion see García-Diego & González Abion
Gordon, Mr., watch finisher 406
Gould, Christopher, longcase clock 306, longcase clock, musical 474
Gould, Rupert J., The Marine Chronometer, reprint reviewed 84
Grace see Smith & Grace
Graham, George,
  bracket clock no.488 305
  bracket clock no.637 232
  bracket clock no.690 347
  bracket clock no.719 26
  longcase clock no.670 513
  longcase clock no.681 7
  longcase clock no.711 12
  watch no.424 244, 561
Grand complication watch 509
Grande sonnerie see striking
Grant, Mr., watch finisher 406
Graupner, Johann Gottlieb, clockmaker 500, 509
Gray, Benjamin, bracket clock, [stolen] 655
Gray, Lord 131
Green see also Wyke & Green
Green, Mr., mathematician 294
Green, Elizabeth 420
Green, Jane 50
Green, Thomas, tool maker 50, 420, 426
Green, Thomas & Son 598
Green, William 421
Greenberg, Efroim, obituary 256
Greenwich Royal Observatory,
  AHS visit 279
  electricity for Deal Time Ball 33
  sidereal free pendulum 597
  time ball at Shepherd Gate clock controller 614
Greenwich Time Service, The, lecture by A.R. Seabrook 286
Grey, Mr., bullion merchant 406
Grey, Benjamin, bracket clock, [stolen] 655
Grey, John, bracket clock, [stolen] 222
Gribelin, Simon, engraving 551
Griffiths, R.J., The History and Techniques of Enamelling, lecture 608
William Bond's Gravity Escapement, lecture 279
Grimshaw & Baxter Ltd 599
Grötzsch, Helmuth 506
Grosvenor, Mr., watch finisher 406
Guenther, Francis, chaser 406
Guildford, Town Hall turret clock 629
Guillaume, Mr., watch finisher 406
Guillaume, Dr. Charles 72, 191
agreement with Gardner 192
Guilmet, A.R. The Mystery Clocks of, lecture by J. Bartlam 612\textsuperscript{V19}
Gutkaes, Friedrich,\textsuperscript{V19}
   chronometer nos. 43 & 49 502\textsuperscript{V19}
   observatory clock no.24 502\textsuperscript{V19}
   watch 506\textsuperscript{V19}
   watch no.59 229\textsuperscript{V19}
Gwynne see Thursfield & Gwynne\textsuperscript{V19}
Gyeong-ho, Ha, water clock, illustration 117\textsuperscript{V19}
H
Habrecht, Daniel 505\textsuperscript{V19}
Hackett, Richard, longcase clock 311\textsuperscript{V19}
Hackman, Dr. Willem 50\textsuperscript{V19}
Hackington, Kent, turret clock 281\textsuperscript{V19}
Hadfield, Jill, Books for Horologists, lecture 180\textsuperscript{V19}
Hahn & Schuster, double-globe clock 505\textsuperscript{V19}
Hahlquist, Mr., 406\textsuperscript{V19}
Hainhofer, Phillip 497\textsuperscript{V19}
Hales, Sir Edward 281\textsuperscript{V19}
Haley, Mr., watch finisher 406\textsuperscript{V19}
Hall of Dover, bracket clock, [stolen] 445\textsuperscript{V19}
Hallam of Nottingham, bracket clock, [stolen] 553\textsuperscript{V19}
Halley, Thomas 512\textsuperscript{V19}
Halifax, John 388\textsuperscript{V19}
Halstead, John 388\textsuperscript{V19}
Ham House 608\textsuperscript{V19}
Hamilton Watch Co.,
   Marine chronometer no.503 261-270\textsuperscript{V19}
Hamley junior of London, bracket clock [stolen] 223\textsuperscript{V19}
Hammer, Armand 256\textsuperscript{V19}
Hampton, Mr., clock jobber 406\textsuperscript{V19}
Hampsons of Wrexham, lecture by Nicholas Moore 180\textsuperscript{V19}
Hampton, Prince & Cattle, bracket clock, [stolen] 329\textsuperscript{V19}
Hannah, J., reports 51, 176-177, 278-279, 394, 609\textsuperscript{V19}
Hanwell, Oxon, turret clock 618\textsuperscript{V19}
Harder, Anton 178\textsuperscript{V19}
Harding, Mr., seal maker 406\textsuperscript{V19}
Harding, Keith,\textsuperscript{V19}
   Marvellous Musical Machines, lecture 514\textsuperscript{V19}
   World of Mechanical Music, AHS visit 179\textsuperscript{V19}
Hardy, William, Design Analysis of Regulator Spring Detent, by Leslie Paton 193-201, 548\textsuperscript{V19}
Hardy, William, Timekeepers of lecture by John Redfern 275-276, 512, 513\textsuperscript{V19}
Hardy, William,\textsuperscript{V19}
   Directions for Fitting Up The Clock 215\textsuperscript{V19}
   escapement 320-322\textsuperscript{V19}
   obituary 92\textsuperscript{V19}
   pocket chronometer no.278 319-320\textsuperscript{V19}
   regulator, 'Sandhurst' 115\textsuperscript{V19}
   regulators (letters) 92, 214\textsuperscript{V19}
Harmon, E.B., letter [early wrist-watches] 646-647\textsuperscript{V19}
Harnill, Mr., chaser 406\textsuperscript{V19}
Harpur, Henry, watch 223, 231\textsuperscript{V19}
Harries, David, The Workings of a London Auction House 282\textsuperscript{V19}
Harris, A.D., The Development of the Wrist-watch, lecture 278, 609\textsuperscript{V19}
Harris, Dennis, letter 99\textsuperscript{V19}
   letter [wrist-watch by Girard Perregaux] 317-318\textsuperscript{V19}
Harris, Lord, collection 515\textsuperscript{V19}
Harris, Richard 618\textsuperscript{V19}
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harris, William</td>
<td>Longcase clock</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, Mr.</td>
<td>Chaser</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, Mr.</td>
<td>Enameller</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, Mr.</td>
<td>Turner</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, Mr.</td>
<td>Watch mender</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, James</td>
<td>Turret clock</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, John,</td>
<td>Chaser</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, John, and the Problem of Longitude, by H. &amp; M. Hobden</td>
<td>Reviewed</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, John</td>
<td>Longcase clock, Nostell Priory</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, John</td>
<td>Royal Astronomical Society clock</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, John,</td>
<td>[Liverpool], watch no.13683</td>
<td>V19</td>
</tr>
<tr>
<td>Harrison, Joseph &amp; Anne</td>
<td>Clock inscription</td>
<td>V19</td>
</tr>
<tr>
<td>Hartley, Jeremy</td>
<td>Longcase clock</td>
<td>V19</td>
</tr>
<tr>
<td>Hartmann, Georg</td>
<td>Astrolabe, 1632</td>
<td>V19</td>
</tr>
<tr>
<td>Hartmann, Georg</td>
<td>Sundial</td>
<td>V19</td>
</tr>
<tr>
<td>Harvey, Theophilus</td>
<td>Longcase clock</td>
<td>V19</td>
</tr>
<tr>
<td>Harvock, J. U.</td>
<td>Equinoctial sundial</td>
<td>V19</td>
</tr>
<tr>
<td>Hässel, Theodosius</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Haslane, Mr.</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Haslewwood, Mr.</td>
<td>Tallow Chandler</td>
<td>V19</td>
</tr>
<tr>
<td>Hasse, Nicolas</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Hat, William</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Haubold, Georg,</td>
<td>Gottlieb</td>
<td>V19</td>
</tr>
<tr>
<td>Hausgewerhe zur Uhrenfahrik, Vom, by Kahlert &amp; Herz</td>
<td>Reviewed</td>
<td>V19</td>
</tr>
<tr>
<td>Hawkins, Ambrose</td>
<td>Longcase clock</td>
<td>V19</td>
</tr>
<tr>
<td>Hawkins, Thomas</td>
<td>Watch no.498</td>
<td>V19</td>
</tr>
<tr>
<td>Hay of London</td>
<td>Turret clock</td>
<td>V19</td>
</tr>
<tr>
<td>Hay, Mr.</td>
<td>Seal engraver</td>
<td>V19</td>
</tr>
<tr>
<td>Hayward, H.</td>
<td>Piercer</td>
<td>V19</td>
</tr>
<tr>
<td>Hazel, John</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Hedge of Colchester</td>
<td>Turret clock</td>
<td>V19</td>
</tr>
<tr>
<td>Hedges, Mr.</td>
<td>Silver chaser</td>
<td>V19</td>
</tr>
<tr>
<td>Hellam, John</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Helps, Mike, letter</td>
<td>[Emery watch]</td>
<td>V19</td>
</tr>
<tr>
<td>Helsby &amp; Co.</td>
<td>Watch no.5210</td>
<td>V19</td>
</tr>
<tr>
<td>Hemispherum of Berosus</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Henderson of Dublin</td>
<td>Longcase clock</td>
<td>V19</td>
</tr>
<tr>
<td>Henderson, Robert</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Henley in Arden</td>
<td>Turret clock</td>
<td>V19</td>
</tr>
<tr>
<td>Herschel, telescope</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Herstmonceux Castle</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Herz &amp; Kahlert,</td>
<td><em>Vom Hausgewerhe zur Uhrenfahrik,</em> reviewed</td>
<td>V19</td>
</tr>
<tr>
<td>Hesse, Mr.</td>
<td>Carver</td>
<td>V19</td>
</tr>
<tr>
<td>Heucher, Dr. Johann Heinrich von</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Hewinson, Charles</td>
<td>Watch no.38659</td>
<td>V19</td>
</tr>
<tr>
<td>Hewitt, P.A.</td>
<td><em>Inland Longcase Clock with Moon and Tidal Dials: An Investigation</em></td>
<td>V19</td>
</tr>
<tr>
<td>Heyde, Gustav</td>
<td>Transit instrument</td>
<td>V19</td>
</tr>
<tr>
<td>Hezekiah, King</td>
<td>Water clock</td>
<td>V19</td>
</tr>
<tr>
<td>Higginson, George</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Hill Matthew,</td>
<td>Clockmaker</td>
<td>V19</td>
</tr>
<tr>
<td>Hill: Thomas</td>
<td>Bracket clock, [stolen]</td>
<td>V19</td>
</tr>
<tr>
<td>Hill, William</td>
<td>Clock-case maker</td>
<td>V19</td>
</tr>
<tr>
<td>Hillius, Martin</td>
<td></td>
<td>V19</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

falling-ball clock  
watch  
Himlis, Mr., watch jobber  
Hindley, Henry, clocks  
Hindostan, The, [ship]  
Hinks, Arthur, letter to Cottingham  
Hobbs, William  
Hobden, Heather & Mervyn, John Harrison and the Problem of Longitude, reviewed  
Hobden, M  
Hodges see Crosthwaite & Hodges  
Hoendschrer of Dresden, watch  
Hoff, George, longcase clock  
Hofland and Wolz, report  
Hogan, Mr., watch finisher  
Hoke, Donald, The Time Museum Historical Catalogue of American Pocket Watches, reviewed  
Holland, A. S., letter  
Hollier, William, gold and silver refiner  
Holmden, J. G., balance wheel and fusee cutter  
Holmes, John, longcase clock  
Holt, William, turret clock  
Hömberger, Hans Ernst  
Hooke, Dr. Robert, King's warrant for watches and springs  
Hoole, Arthur,  
Hope-Jones, Frank  
Hopkins, Mr., chair maker  
Hornby, Anne  
Hornby, George,  
A Musical Longcase By John Bicknill  
Cirencester  
Hornby, George & Son,  
watch no.4147  
watchpaper  
Hornby, Gerard, senior  
Hornby, Gerard, junior  
Hornby, Hannah  
Hornby, Henry  
Hornby, Mary  
Hornby, Richard, Watch and Chronometer Maker of Liverpool, by A. C. Pyrcell  
Hornby, Richard  
business addresses  
chronometer no.134, description  
chronometers, list of examples  
escapement  
examples  
will  
Hornby, Richard & Son,  
marine chronometers no.1300 & 1309  
marine chronometer no.1431  
Hornby, William  
Hornchurch, Essex, The Clocks of St Andrew's Church by E.J.Tyler  
Horrocks, James  
Horrocks, Jeremiah  
Horsemann see Quare & Horseman  
Horwell, Mr., miniature glass maker  
Ho-Shen  
Howard see also Dennison, Howard & Davis
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Howard, E., 636
Howard, George, toolmaker 419
Howells & Pennington (for Thomas Mudge) 5
Howells, Mr junior, ruby cylinder maker 406
Howes, William 388
Hsien Feng, Emperor 382
Huaid, painted enamel watch case 481
Huaid, Pierre & Ami, enamel watch case 506
Hubert, David, longcase clock 509
Hubertus clock by Johann Graupner 509
Hübner, Fr., watch 509
Hudson, Felix
Chronological Equilibrium no.102 by J. & A. McNab 68-70
Hughes, Thomas, bracket clock, [stolen] 654
Hughes, William 388
Humbold, Alexander von 502, 661
Hunter, Thomas 388
Hunter, William, bracket clock 452
Hurst, M. G., letter 100
Hurstmonceux, Observatory, sundial 28
Hutchinson, Beresford 491
reviews 431-432, 639-640, 634
Hux, James, watch no.20612 506
Huygens, Christiaan 489
Hydrographer of the Navy, 1
Ilbert, Courtenay 191
Images of Time, Exhibition 144
Inclined-plane clock, Wisthoff, Johann 497
Ingersoll, Robert, H 509
Ingold, M. 44-45
Inkpen of Horsham, longcase clock 515
Insuring Fine Arts and Antiques, lecture by Clare Pardy 47
Invar 191
Inventory
Dresden, Kunstkammer 494
Earnshaw, Thomas 44
Ippenfield, Mr., clock maker 407
Ippersiel, Mr., watch repairer 407
I. W. C. International Watch Company Schaffhausen, by Tolke & King, reviewed 87
Inwood, James 388
J
Jackson, Mr., clock maker 407
Jackson, Brian, report 391
Jacob, Aimé, regulator 18
Jacob, Henri, clock case maker 18
Jacot, Henri, carriage clock no.334/453 651
Jacot, Henri, carriage clock no.17107, [stolen] 103
Jacot, Henri, carriage clock no.10516, [stolen] 554
Jagger, Cedric, letters 93, 99
Jabresuhrenfabrik 178
James, J., painter 407
James, John, clockmaker 183V19
Jämmütt, Wenzel, clock 508V19
Japanese Timekeeping & Clocks, by John Reid 179V19
Jaeger Le Coultre, wrist watch 228V19
Janvier of Paris, table regulator no.385 470V19
Japanese clock, V19
  pillar clock 663V19
table clock 663V19
Jaquet-Droz & Lechot 378V19
Jarrossay, Louis Antione, wall regulator 455V19
Jarvis, Roland, astronomical clock 490V19
J.B watch case maker 526V19
Jehlen, Lorenz, patent 178V19
Jenkins, Henry, astronomical clock 492V19
Jeppson, skeleton clock 250V19
Jessop, 'Wright's Patent' watch 610V19
Jewelling 298V19
Johnson see Gillett & JohnsonV19
Johnson, Mr., gilder and chaser 407V19
Johnson, Thomas, longcase clock 416V19
Johnston, Mrs., gold hand maker &c. 407V19
Johnston, Peter, gilder and chaser 407V19
Johnston, William 65V19
Joly, Jaques, skull-watch 506V19
Jones & Co., coal merchants 407V19
Jones, Dennis 257, 280V19
  F. T Cottingham 593-605V19
Jones, Edward, watchcase maker 64V19
Jones, Eleanor 59V19
Jones, Florentine Ariosto 87V19
Jones, Sir Harold, Astronomer Royal 262-265V19
Jones, Henry, V19
  longcase clocks, marquetry case 14, 463V19
  longcase clock, month-going, marquetry case 120V19
Jones, J., motion work maker 407V19
Jones, James, mounter 407V19
Jones, J. A., finisher and jobber 407V19
Jones, Martyn, letter [Yates of Preston] 328V19
Jones, R., garden sundial, [stolen] 103V19
Jordan, Peter, letter [Clock & Watch Clubs] 315-317V19
Joselowitz, Louis, letter [Hardy pocket chronometer no.278] 319-320V19
Josephson, John 388V19
Joyce, J. B. & Co 600V19
Jump of London, carriage clock 254V19
Jump, Mr., finisher 407V19
Jürgensen, Urban & Sönner, wrist-watch 231V19
K
Kahlert see Hertz & KahlertV19
Kahlert see Mühe, Kahlert & TechenV19
Kaiser globe clock 178V19
Kalish, Charles 256V19
Kang Hsi, Emperor 51, 371V19
Karrusel, Russell, Thomas & Co., watch no.35452, [stolen] 445V19
  Smith, S. & Son, watch no.188-250 339V19
Katra, Joseph, jnr., Clockmakers & Clockmaking in Southern Maine, reviewed 543V19
Kaufman, Johann Gottfried, zither clock 506V19
Keable, J., letter, [AHS-BHI amalgamation] 211-212V19
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Keepfer, Mr., machinery maker 407\textsuperscript{V19}
Keeper of Denbigh, longcase clock 103\textsuperscript{V19}
Keith, Mr., astronomer 294\textsuperscript{V19}
Kelley, C. Stuart, letter 552\textsuperscript{V19}
Kessels of Altona, pocket chronometer 662\textsuperscript{V19}
Keyless mechanism, Britten 85\textsuperscript{V19}
Keyless winding, Massey pump-wind 172\textsuperscript{V19}
Keynon, James, longcase clock, [stolen] 654\textsuperscript{V19}
Kidder, C.L. 88\textsuperscript{V19}
Kienzing & Roentgen, longcase clock 509\textsuperscript{V19}
King see Tolke & King\textsuperscript{V19}
Kingham, Mr., dial painter 407\textsuperscript{V19}
King's Lynne, Social History Museum, clocks stolen 329\textsuperscript{V19}
Kirby see also Valentine & Kirby\textsuperscript{V19}
Kirby, Mr., chaser 407\textsuperscript{V19}
Kirchel, Bruno 510\textsuperscript{V19}
Kirk, Mr., piercer 407\textsuperscript{V19}
Kirkdale, Yorkshire, St. Gregory's Minster, sundial 154\textsuperscript{V19}
KJAG wrist-strap adaptor 549\textsuperscript{V19}
Klein, Father Johannes, astronomical clock 500\textsuperscript{V19}
Klieber, Ulrich 505\textsuperscript{V19}
Knibb, John, bracket clock 564\textsuperscript{V19}
clock with tic-tac escapement 50\textsuperscript{V19}
lantern clock 50\textsuperscript{V19}
Knibb, Joseph, bracket clock, Dutch striking 249\textsuperscript{V19}
bracket clock, ebony veneered 19\textsuperscript{V19}
bracket clock, grande-sonnerie 301, 304\textsuperscript{V19}
clocks by 50\textsuperscript{V19}
longcase clock, grande-sonnerie 303\textsuperscript{V19}
longcase clock, Ham House 607\textsuperscript{V19}
Roman striking 177\textsuperscript{V19}
Knottesford, William, longcase clock 235\textsuperscript{V19}
Kochmann, Karl, \textit{Black Forest Clockmakers and the Cuckoo Clock}, reviewed 542\textsuperscript{V19}
Black Forest Music Clocks, lecture 516\textsuperscript{V19}
Köhler, Johann Christoff, jeweller 509\textsuperscript{V19}
Köhler, Johann Gottfried, observatory clocks 501, 502\textsuperscript{V19}
Korean Society for the Striking Clepsydra 260\textsuperscript{V19}
Kramer, Stephen, letter 94\textsuperscript{V19}
Krening, Michael, letter [spring-detent jig] 220\textsuperscript{V19}
Kullberg, Victor, supplies R. Gardner 190\textsuperscript{V19}
Kunzler, R. 602\textsuperscript{V19}
Kurzrock, Hans, clocks 495\textsuperscript{V19}
Kyd, Mr., mathematician 407\textsuperscript{V19}
L
Labourer's regulator \textit{see Noctuary}\textsuperscript{V19}
Lacey, J., chaser &C 407\textsuperscript{V19}
Lacour, Mr., watch case engraver 407\textsuperscript{V19}
Lacquer case, bracket clock 450\textsuperscript{V19}
Grey, Benjamin, bracket clock, [stolen] 655\textsuperscript{V19}
Hartley, Jeremy, longcase clock 590\textsuperscript{V19}
Manley of Norwich, longcase clock 249\textsuperscript{V19}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Snell, Martin 509
Lady, Hughes, The, [ship] 380
Lake, Bentall 619
Lancashire Watch Company 67
Lancaster Clock Cases, lecture by Susan Stuart 49, 518
Landes, Prof. David, The Brain and Hand in the Development of the Technology of Time Measurement 511
Langley, Mr., chaser 407
Langley, Mr., watch glass maker 407
Langlois, Mr., chaser 407
Lantern clock, Ebsworth, John 351
Hampson of Wrexham 180
Knibb, John [Ashmolean Museum] 50
Milles, Thomas 180
Sellwood, William 351
Tue, Thomas, [stolen] 329
Wheeler, Thomas 32
Lantern Clocks, English, lecture by Sir George White 391
Lara, Mr., watch dealer 407
Large, T., 407
Larrouet, Charles-Louis, et le Mesure du Temps, by J.-F. Bourasseau, reviewed 542
Larrymore, Thomas 388
Laurent, see Cox & Laurent
Lassell see Mather & Lassell
Lassell, Ann 427
Lassell, Thurston, clockmaker 50, 422, 424
Lassell, Thurston II, tool maker 427
Lassell, William 424, 426
Lassell, Park, longcase clock, [stolen] 103
Lathan, John clockmaker 511
Law, Rodney, report 512
Lawson of Brighton, mantel clock, [stolen] 329
Lecount, Mr., watch maker 407
Lecture, Allen S., Sea Clocks 179
Arnfield, J., A Clock-watch 1920-1930 279
Escapements, 279
Banfield, Edwin, The History of the Barometer 51
Bateman, D., A New Controller for the Time Ball And Shepherd Gate Clock at the Old Royal Observatory, Greenwich 614
Brameld, Tim, Astronomical Regulator 181
Brown, Michael, Carriage Clocks 284
Chapman, Dr. A., The Pit and the Pendulum: G.B. Airy and the Density of the Earth 393
Crane, Gurney, Clock Case Making 282
Crom, T., 18th Century Tool Makers 50
Daggett, Rev. M. W., American Clocks 513
Daniel, Christopher, Stained-Glass Window Sundials 28
Darreau, Dr. Michael, Scottish Clockmaking 180
Davies, Alun, The History of Clockmaking in Wales 518
Davies, Mark, Tymperley's Museum 181
Dingwall-Beloe 24, 493
Edgecumbe, Dr. Richard, Beauty & Justness 258
The Embossed Watch Case in 18th Century London 512
Edidin, Michael, The Tobias Family 608
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Elliott, R. W., F W. Elliott Ltd. 517 V19
Foord, R., Black Forest Cuckoo & Trumpeter Clocks 281 V19
Foster, J. M. W., Barometers 395 V19
Good, Richard, The Development of the Watch in the 18th Century 52 V19
Griffiths, R. J.,
  History & Techniques of Enamelling 608 V19
  William Bond’s Gravity Escapement 279 V19
Harries, David, The Workings of a London Auction House 282 V19
Hadfield, Jill, Books for Horologists 180 V19
Harding, Keith, Marvellous Musical Machines 514 V19
Harris, A.D., The Development of the Wrist-watch 278, 609 V19
Kochmann, Karl, Black Forest Music Clocks 516 V19
Landes, Prof. David, The Brain and Hand in the Development of the Technology of Time Measurement 511 V19
Leopold, John,
  Medieval & Renaissance Clocks 177 V19
  The Wholesale Trade of Watches in the 18th Century 392 V19
McClure, Bertie, Filing, Grinding & Polishing Tools 613 V19
McClure, Olivia, The Restoration and Polishing of Wooden Clock Cases 396 V19
McClure & Stuart, The History & Technique of Filing 284-285 V19
Mercer, Tony, Marine Chronometers 175 V19
Metcalfé, John, The Collection of the National Association of Watch & Clock Collectors 174-175 V19
Midleton, Viscount, The Gershom-Parkington Collection 393 V19
Miles, R., AHS Tours Abroad 51 V19
Mills, Dr. Allan,
  Astronomical Clocks 277 V19
  The Evolution of Sundials 28 V19
  A Newtonian Sundial 394 V19
Moore, Nicholas, The Hampsons of Wrexham 180 V19
Morrison-Low, Allison, Irish Scientific Instrument Makers 180 V19
Neilson, Brigadier, The Evolution of the English Clock 47 V19
Pardy, Clare, Insuring Fine Arts and Antiques 47 V19
Parr, Dr. David, British Railway Clocks 175-176 V19
  A Ramble Through English Watchmaking 51 V19
  The Name on a Watch 611 V19
Pickford, Christopher, Early Bedfordshire Clocks 180 V19
Randall, Anthony,
  Chronometers at the Time Museum, Rockford 609 V19
  Twenty-Five Years of the Horological Virus 176 V19
Redfern, John, William Hardy’s Timekeepers 275-276, 512, 513 V19
Reid, John, Japanese Timekeeping and Clocks 179 V19
Roberts, Derek, Skeleton Clocks 276 V19
Roberts, Ken,
  Connecticut Clocks of Wrought Brass 393, 613 V19
  The Technical Evolution of Clockmaking in Connecticut 396 V19
Robinson, Tom,
  Connecticut Shelf Clocks 513 V19
  Clocks in the Fitzwilliam Museum 177, 513 V19
  English Thirty-Hour Clocks 515, 607 V19
Rose, Ron, Thomas Cole 612 V19
Seabrook, A. R., The Greenwich Time Service 286 V19
Scharadin, J. The History of the Horological Collections in Dresden 493-510 V19
Simcock, Anthony, Early Knibb Clocks 50 V19
Simpson, Alan, The Sundials of Richard Melville 180 V19
Smith, Prof. A., Rockford Time Museum 279 V19
### Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Stuart & McClure, *The History and Technique of Filing* 284-285

<table>
<thead>
<tr>
<th>Name</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stuart, Susan</td>
<td>V19</td>
</tr>
<tr>
<td><em>Lancaster Clock Cases</em></td>
<td>49, 516</td>
</tr>
<tr>
<td><em>Who Actually Made Your Longcase Clock?</em></td>
<td>511</td>
</tr>
<tr>
<td>Stuart, William</td>
<td>V19</td>
</tr>
<tr>
<td><em>Armagh Observatory</em></td>
<td>283</td>
</tr>
<tr>
<td><em>Clockmaking in Cork</em></td>
<td>284</td>
</tr>
<tr>
<td>Taylor, Gerald, <em>Watches in the Ashmolean Museum</em></td>
<td>49</td>
</tr>
<tr>
<td>Treherne, Prof. Alan</td>
<td>V19</td>
</tr>
<tr>
<td><em>Edward Massey and the Lever Escapement</em></td>
<td>171</td>
</tr>
<tr>
<td><em>Methods and Resources for Researching Local Clockmakers</em></td>
<td>180</td>
</tr>
<tr>
<td><em>Provincial Clockmakers</em></td>
<td>610</td>
</tr>
<tr>
<td>Wadge, C., <em>Torsion Pendulum Clocks</em></td>
<td>177</td>
</tr>
<tr>
<td>Weaver, Alan</td>
<td>V19</td>
</tr>
<tr>
<td><em>Clocks in the Forbidden City, Beijing</em></td>
<td>51</td>
</tr>
<tr>
<td><em>Clocks for the Emperor</em></td>
<td>172-174</td>
</tr>
<tr>
<td>White, Sir George, <em>English Lantern Clocks</em></td>
<td>391</td>
</tr>
<tr>
<td>White, John, <em>Restoration of a Bracket Clock 284</em></td>
<td>613</td>
</tr>
<tr>
<td>Wills, Peter, <em>The Dynadromic Free Pendulum</em></td>
<td>395</td>
</tr>
<tr>
<td>Wright, Michael, <em>A Conjectural View of Turret Clock Making</em></td>
<td>285</td>
</tr>
</tbody>
</table>

Lee, Roger, clockmaker 31

Leech, W., watch no.1362 44

Leeds Castle, Kent, watches stolen 655

Lefevre, of the Board of Trade 45

Lefrand of Paris, carriage clock 137

Leger, L. Fr., watch 506

Leicester, Newarkes Houses Museum 30

Leighton, George, book binder 407

Leith Hall 323

Lenge, Ferdinand Adolphe 503

Lenker, two globes 508

Lenney, Mr., motion work maker 407

Leopold, John, (letter) 92

Medieval & Renaissance Clocks, lecture 177

The Wholesale Trade of Watches in the 18th Century, lecture 392

Lepine of Paris, table regulator 574

Leroux, John, watch 360

watch repairs 549-550

LeRoy of Paris, carriage clock 588

table regulator no.112 469

watch 506

watch no.4757 [letter] 547

Levant Company 374

Liebnitz, G. Wilhelm von, mathematician 294

Lincoln, Usher Gallery, Exhibition 32

Liner tool 426

Lippi, Filippino, painting with clock 100, 217

Litherland, Davis & Co., watch no.17449 216

Liverpool Museum, regulator by William Bond 279

Liverpool ‘windows’ 61

Lleweline, Mr., gilder 407

Lloyds Datum 488

Lobenigk, Egidius, pillar-clock 508
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Lohrmann, Wilhelm Gotthelf 502 V19
London Bridge & Dover Railway 36 V19
London Bridge Railway Station 36 V19
London, British Museum, V19
  Arnold/Breguet pocket chronometer no.11 478 V19
  Dingwall-Beloe Lecture 24, 493 V19
  Hemiyclicum of Città Lavinia 158 V19
  McNab, J. & A., Chronological Equilibrium 69 V19
  Nicole Nielsen carriage clock no.11558 308 V19
London, Greenwich Hospital, turret clock 286 V19
London, Science Museum, Cottingham/Mercer regulator 605 V19
London, Scotland Yard, turret clock 286 V19
London, University of, Institute of Historical Research 144 V19

Longcase clock, V19
  Alcock of Kilkenny 415 V19
  Apps of Battle, [stolen] 103, 223 V19
  Aris, William 310 V19
  Atkinson, James, [stolen] 223 V19
  Bambridge & Stirling 416 V19
  Baker, Henry 509 V19
  Baker, Richard 110 V19
  Bale, Thomas 484 V19
  Barkley & Colley 252 V19
  Barnett, John 32, 259 V19
  Bambridge of Stirling 414 V19
  Bell, Dawson 418 V19
  Bicknill, John 539-541 V19
  Blakes of South Moulton, [stolen] 445 V19
  Bothamley, William, 309 V19
  Chalklen of Canterbury 21 V19
  Child, Henry 450 V19
  Clement, Robert 240 V19
  Cley, Charles, [stolen] 655 V19
  Clowes, John 116 V19
  Cockran of Lurgan, [stolen] 329 V19
  Colhoun, James & Son 417 V19
  Crosthwaite & Hodges 415 V19
  Daniel of Sandbach, [stolen] 655 V19
  Donisthorpe, Jo., [stolen] 655 V19
  Drury, John 608 V19
  Dunlop, Andrew 323-324 V19
  Edwards of London 122 V19
  Ellicott of London 236 V19
  Emerson, Thomas 101 V19
  Everleigh, George, [stolen] 554 V19
  Fladgate, John 134 V19
  Foden of Congleton, [stolen] 655 V19
  Fromanteel of London 50 V19
  Gould, Christopher 306 V19
  Gould, Christopher, musical 474 V19
  Graham, George, no.681 7 V19
  Graham, George, no.670 513 V19
  Graham, John, no.711 12 V19
  Hackett, Richard 311 V19
  Harris, William 179 V19
<table>
<thead>
<tr>
<th>Name</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harrison, John</td>
<td>10</td>
</tr>
<tr>
<td>Harrison, John, Nostell Priory</td>
<td>19</td>
</tr>
<tr>
<td>Hartley, Jeremy</td>
<td>19</td>
</tr>
<tr>
<td>Harvey, Theophilus</td>
<td>19</td>
</tr>
<tr>
<td>Hawkins Am rose</td>
<td>19</td>
</tr>
<tr>
<td>Henderson of Dublin</td>
<td>19</td>
</tr>
<tr>
<td>Hoff, George</td>
<td>19</td>
</tr>
<tr>
<td>Holmes, John</td>
<td>19</td>
</tr>
<tr>
<td>Hubert, David</td>
<td>19</td>
</tr>
<tr>
<td>Inkpen of Horsham</td>
<td>19</td>
</tr>
<tr>
<td>Johnson, Edward</td>
<td>19</td>
</tr>
<tr>
<td>Johnson, Thomas</td>
<td>19</td>
</tr>
<tr>
<td>Jones, Henry, marquetry case</td>
<td>19</td>
</tr>
<tr>
<td>keeper of Denbigh, [stolen]</td>
<td>19</td>
</tr>
<tr>
<td>Kenyon, James, [stolen]</td>
<td>19</td>
</tr>
<tr>
<td>Kientzing &amp; Roentgen</td>
<td>19</td>
</tr>
<tr>
<td>Kibb, Joseph, grande-sonnerie</td>
<td>19</td>
</tr>
<tr>
<td>Knibb, Joseph, Ham House</td>
<td>19</td>
</tr>
<tr>
<td>Knottford, William</td>
<td>19</td>
</tr>
<tr>
<td>Lassell, Park, [stolen]</td>
<td>19</td>
</tr>
<tr>
<td>McGee, Patrick</td>
<td>19</td>
</tr>
<tr>
<td>Manley of Norwich</td>
<td>19</td>
</tr>
<tr>
<td>Maple &amp; Co.</td>
<td>19</td>
</tr>
<tr>
<td>Martin, John</td>
<td>19</td>
</tr>
<tr>
<td>Middleton of Drumcondra</td>
<td>19</td>
</tr>
<tr>
<td>Mudge &amp; Dutton</td>
<td>19</td>
</tr>
<tr>
<td>Neilson of Glasgow, [stolen]</td>
<td>19</td>
</tr>
<tr>
<td>Newton, William</td>
<td>19</td>
</tr>
<tr>
<td>Ogden, John</td>
<td>19</td>
</tr>
<tr>
<td>Ogden, Thomas</td>
<td>19</td>
</tr>
<tr>
<td>Philipson, H., [stolen]</td>
<td>19</td>
</tr>
<tr>
<td>Pilkington, Thomas</td>
<td>19</td>
</tr>
<tr>
<td>Quarman, Joseph</td>
<td>19</td>
</tr>
<tr>
<td>Quarman, Samuell, [stolen]</td>
<td>19</td>
</tr>
<tr>
<td>Redpath, H.</td>
<td>19</td>
</tr>
<tr>
<td>Reeve, C.B., [stolen]</td>
<td>19</td>
</tr>
<tr>
<td>Richmond of York</td>
<td>19</td>
</tr>
<tr>
<td>Rickard, H., [stolen]</td>
<td>19</td>
</tr>
<tr>
<td>Rivas, Henry</td>
<td>19</td>
</tr>
<tr>
<td>Roper, of Shepton Mallet</td>
<td>19</td>
</tr>
<tr>
<td>Russell, Thomas</td>
<td>19</td>
</tr>
<tr>
<td>Russell, William</td>
<td>19</td>
</tr>
<tr>
<td>Scott of Dundee, [stolen]</td>
<td>19</td>
</tr>
<tr>
<td>Seddon of London?</td>
<td>19</td>
</tr>
<tr>
<td>Seddon, Daniel, no.11</td>
<td>19</td>
</tr>
<tr>
<td>Sidwell, Edward</td>
<td>19</td>
</tr>
<tr>
<td>Smith, Edward</td>
<td>19</td>
</tr>
<tr>
<td>Smith, Robert</td>
<td>19</td>
</tr>
<tr>
<td>Snow, Richard</td>
<td>19</td>
</tr>
<tr>
<td>Speakman, William</td>
<td>19</td>
</tr>
<tr>
<td>Stanton, Edward</td>
<td>19</td>
</tr>
<tr>
<td>Steven, D., [stolen]</td>
<td>19</td>
</tr>
<tr>
<td>Storr, B.</td>
<td>19</td>
</tr>
<tr>
<td>Storr, Marmaduke</td>
<td>19</td>
</tr>
<tr>
<td>Swartz, Peter</td>
<td>19</td>
</tr>
<tr>
<td>Thornton, Henry</td>
<td>19</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Thwaites, Ainsworth</td>
<td>461V19</td>
</tr>
<tr>
<td>Tickell, William, [stolen]</td>
<td>655V19</td>
</tr>
<tr>
<td>Tompion, Thomas, astrobiac</td>
<td>177V19</td>
</tr>
<tr>
<td>Tompion, Thomas, no.3</td>
<td>304V19</td>
</tr>
<tr>
<td>Tompion, Thomas, no.131</td>
<td>305V19</td>
</tr>
<tr>
<td>Tompion, Thomas, 30-hour</td>
<td>607V19</td>
</tr>
<tr>
<td>Tucker, Thomas, [stolen]</td>
<td>223V19</td>
</tr>
<tr>
<td>Turnbull, R., [stolen]</td>
<td>553V19</td>
</tr>
<tr>
<td>Vuilliamy, Justin, no.781</td>
<td>622V19</td>
</tr>
<tr>
<td>Walker, P., [stolen]</td>
<td>445V19</td>
</tr>
<tr>
<td>Wightman, James</td>
<td>116V19</td>
</tr>
<tr>
<td>Wiley, Alexander</td>
<td>415V19</td>
</tr>
<tr>
<td>Wilkes, Samuel</td>
<td>418V19</td>
</tr>
<tr>
<td>Wilkins, John</td>
<td>30-31V19</td>
</tr>
<tr>
<td>Williamson, Joseph</td>
<td>50V19</td>
</tr>
<tr>
<td>Wilmshurst, S.</td>
<td>221V19</td>
</tr>
<tr>
<td>Wilson, James</td>
<td>416V19</td>
</tr>
<tr>
<td>Wise, John</td>
<td>340V19</td>
</tr>
<tr>
<td>Worswick, Thomas</td>
<td>49V19</td>
</tr>
<tr>
<td>Longcase Clock, Who Actually Made it? lecture by Susan Stuart</td>
<td>511V19</td>
</tr>
</tbody>
</table>

**Long duration, month**

- Baker, Richard, longcase clock | 110V19 |
- Bouchet of Paris, table regulator | 468V19 |
- Hartley, Jeremy, longcase clock | 590V19 |
- Janvier of Paris, table regulator no.385 | 470V19 |
- Jones, Henry, longcase clock | 120V19 |
- Lepine of Paris, table regulator | 574V19 |
- LeRoy of Paris, table regulator no.112 | 469V19 |
- Lory of Paris, table regulator | 471V19 |
- Ogden, Thomas, longcase clock | 134V19 |
- Pohl, Anton, Vienna regulator | 458, 566V19 |
- Poole, David, regulator | 592V19 |
- Reid & Auld regulator, Kincauns | 130-131V19 |
- Viner of London, bracket clock | 121V19 |
- Wibral of Vienna, regulator | 342V19 |

**Long duration, six months**

- Jacob, Aimé, regulator | 18V19 |
- Jarossay, Louis Antoine, wall regulator | 455V19 |

**Long duration, three months**

- anonymous, French regulator | 15V19 |

**Long duration, year**

- Dunlop, Andrew, longcase clock | 323-324V19 |
- LeRoy of Paris, table regulator | 575V19 |
- Reeve, C. B., longcase clock, [stolen] | 103V19 |
- Russell, Thomas, longcase clock | 393V19 |
- Tompion, Thomas, Drayton House clock | 513V19 |

**Long, Henry**

- Longitudinarians, A Short Epistle to, by Charles Aked | 292-300V19 |
- Longpourt, Mr., chaser | 407V19 |
- Loomes, Brian, letter | 97V19 |
- letter [Clock & Watch Clubs] | 317V19 |
- Lory of Paris, table regulator | 471V19 |

**Loseby, Edward**

- chronometer trials | 216V19 |
- compensated balance | 76-77, 85V19 |
- patent | 214, 315V19 |
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

portrait 78V19
Löser, Count Hans von 500, 501V19
Lovell, J., carver 407V19
Lowden, Mr., escapement maker 407V19
Lowman, Simon 512V19
Lowther, Mr., clock case maker 407V19
Luckey, George, correspondence 264-265V19
Lunar indications, V19

Bicknill, John, longcase clock 539-541V19
Breguet, A. L., sympathique no.1 258V19
Breguet of Paris, watches 133, 239V19
Chalklen of Canterbury, longcase clock 21V19
Emerson, Thomas, longcase clock 101-102V19
Gavelle le jeune of Paris, mantel clock 581V19
Inland longcase clocks with 309-311V19
Jump of London, carriage clock 254, 473V19
Keeper of Denbigh, longcase clock, [stolen] 103V19
Lefrand of Paris, carriage clock 137V19
Lepine of Paris, table regulator 574V19
LeRoy of Paris, table regulator no.112 469V19
Patek Philippe & Co., wrist chronographs 109, 481V19
Rolex wrist-watch 346V19
turret clock, Ottery St. Mary 277V19
Walder, Thomas, bracket clock 358V19
Wiley, Alexander, longcase clock 415V19
Lunar Society 220V19
Lund see also Barraud & Lund V19
Lund & Blockley, pocket chronometer no.2/705 20V19
Luxor, sundial 156V19

M
MaCartenay, Lord 52, 380V19
Macclesfield, The, [ship] 377V19
Mackintosh, Captain 382V19
Macune, Thomas 388V19
McCabe, James, mantel clock, [stolen] 655V19
McCure, B., Filing, Grinding & Polishing Tools, lecture 613V19
McCure, Olivia, The Restoration and Polishing of Wooden Clock Cases, lecture 396V19
McClure & Stuart, The History and Technique of Filing 284-285V19
McGee, Patrick, longcase clock 414V19
McKay, C.G., letter [AHS publishing policy] 322-323V19
McCoy, Chris, biography, reports 47V19
McNab, J. & A., Chronological Equilibrium, no.102 68-70V19
regulator 69V19
Maestory, T., escapement maker 407V19
Magdalena-Sybille, Electroress 497V19
Maine, Southern, Clockmakers & Clockmaking in, by Joseph Katra, reviewed 543V19
Maintaining power: bolt and shutter 9, 12, 116V19
Harrison's 122V19
Wise, John, longcase clock 340V19
Malies, Harold, letter 220V19
Mallet Collection 230V19
Manley of Norwich, longcase clock 249V19
Manley, Henry 512V19
Manningtree, Essex, turret clock 182V19
Mansell, William, watchcase maker 407V19
### Mantel clock, V19
- Amitie, [stolen] 222V19
- anonymous, Bras-en-l’air 335V19
- anonymous, Chinese market 345V19
- anonymous French, [stolen] 222V19
- anonymous, with barometer and thermometer 111V19
- Berthoud, Ferdinand 343V19
- Bouchet, [stolen] 223V19
- Brandon of Monflugen, [stolen] 554V19
- Breguet, A.L. sympathique no.1 258V19
- Connel of Cheapside, [stolen] 103V19
- Crane, Aaron 178V19
- Frodsham of London 559V19
- Gavelle le jeune de Paris 581V19
- Howells & Pennington no.3 5V19
- Lawson of Brighton, [stolen] 329V19
- McCabe, James, [stolen] 655V19
- Roblin & Fils Frères no.26431, [stolen] 103V19
- Rocque of Paris, [stolen] 554V19
- Semaine of London 243V19
- Viner of London 125V19
- Viner of London 459V19
- Viner of London, [stolen] 329V19
- Volk of Brighton, [stolen] 445V19
- Vokes of Bath, [stolen] 222V19
- Vuilliamy, Benjamin Lewis, no.1595 3V19
- Whitelaw, James, four-glass 334V19
- Manton, Mr., fusee chain maker 405V19
- Maple & Co., longcase clock, [stolen] 222V19
- Marble Clock, The French, by N. Thorpe, reviewed 431-432V19
- Marcel, G., 645V19
- Marfels, Carl 505V19
- Margaine of Paris, carriage clock no.8320 522-524V19
- carriage clock, [stolen] 554V19
- Margetts, George, watch 207V19
- watch 50V19

### Marine chronometer see Chronometer, Marine V19
- Marine Chronometer, The, by Rupert Gould, reprint reviewed 84V19
- Marine Chronometers, lecture by Tony Mercer 175V19
- Markham see Markwick, Markham V19
- Markwick, Markham of London, bracket clock 472V19
- Marmeter, John Carter's 298V19
- Marquetry case see also parquetry case V19

### Marquetry case, V19
- Baker, Richard, longcase clock 110V19
- Barnett, John, longcase clock 32, 259V19
- Child, Henry, longcase clock 450V19
- Clement, Robert, longcase clock 240V19
- Clowes, John, longcase clock 116V19
- Jones, Henry, longcase clocks 14, 120V19
- Smith, Robert, longcase clock 241V19
- Stanton, Edward, longcase clock 116V19
- Wilkins, John, longcase clock 30-31V19
- Marriott, John, Musical automaton clocks 374V19
- Marsh, Thomas, jeweller 407V19
Marshall see Stone & Marshall

Marshall, Francis, clockmaker

Marshall, Thomas

Martín, Mr., watch repairer

Martin, John, longcase clock

Martin, Thomas

Mary, Queen of Scots

Maskelyne, Dr. Nevil

Mason, Bernard collection

Massey, Edward, and the Lever Escapement, lecture by Prof. Alan Treherne

Massey, Edward, escapement

watch no. 2

Massey, Henry, bracket clock, [stolen]

Massy, Henry, bracket clock, [stolen]

Masterpiece clock, Schuster, Paulus

Mather, tool maker liner tool

Mather, Cotton

Mather, Daniel I, tool maker

catalogue

Mather, Daniel II

Mather, Margaret

Mather, Miles

Mather, Nathaniel, watchmaker

Mather, Richard

Mather, Samuel, tool maker

Mather & Lassell, tool makers

turns

Mathison of Leith, box chronometer, [stolen]

Maudsley, screw taps

Maudsley, Sons & Field, engineers

Maurice, Klaus, Fine Antique Clocks of the 17-19th Centuries, reviewed

Maxwell-Irving, A.M.T., letter [Andrew Dunlop]

May, Mr

May, John, watch

Mayr & Stephens, American Clocks: Highlights from the Collection, reviewed

Mayr, Jacobus, table clock

Mav Yuhang

Mazoyer, Mr., secret spring maker &c.

Meadoros, Mr., turner

Mechanical Music

Medieval & Renaissance Clocks, lecture by J. Leopold

Melchger, Paul, obituary

Melville, Richard, Sundials of, lecture by Alan Simpson

Mercer, F.A.(Tony), Chronometer Makers of the World, reviewed

Mercer, Thomas, Ltd. agreement with Cottingham

box chronometer

Merklein, Johann Siegismund.

Meslin-Perrier see Chapiro, Meslin-Perrier & Turner

Metcalfé, John, hand maker

Metcalfé, John, The Collection of the National Association of Watch & Clock Collectors, lecture

Metzger, Jeremias, astronomical clock
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell

Mew of Blandford, bracket clock, [stolen] 103
Meyen, Joachim Friedrich 510
Michaelis, Johann Gottlieb 499, 510
Middleton of Druncondra, longcase clock 413
Midleton, Viscount, The Gershom-Parkington Collection, lecture 393
Miles, R., AHS Tours Abroad, lecture 51
Military Telegraph Bulletin, 1884 33
Millburn, John 94
letter 94
letter [East India Company] 324
letter [noctuary] 552
Miller, J., Clock & Watch Club 316
Mills, Dr. Allan, 280
Astronomical clocks, lecture 277
The Evolution of Sundials, lecture 28
A Newtonian Sundial, lecture, lecture 394
Seasonal-Hour Sundials 147-170, 315
Mitchell, A., reports 54, 286, 519, 614
Mitchell & Russel, bracket clock, [stolen] 554
Mitchie, Mr 549-550
Molyneux of Toxteth Park 423
Moody of Cambridge, turret clock 183
Moon see lunar indications
Moon-Hyon, Nam,
Chagyongnu: The Automatic Striking Water Clock, reviewed 208
Moore of Clerkenwell, skeleton clock 585
Moore, Nicolas, The Hampsons of Wrexham, lecture 180
More, William 389
Moreland, Samuel 645
Morgan, J. P. 481
Morgan, Professor de 46
Morris, Mr., picture-frame maker 408
Morrison, George, clockmaker 323-324
Morrison, John 218
Morrison-Low, Allison, Irish Scientific Instrument Makers 181
Morse, The, [ship] 377
Mottram, John, clock maker 408
Morgan, Augustus de, letter to G. B. Airy 45, 547
Mosier, A. De see Morgan, Augustus de
Moser, George Michael 512
Moyer, A. De. see Morgan, Augustus de
Muckle, Mr., turner 408
Mudge & Dutton, centre-seconds watch 562
longcase clock 571
Mudge, Thomas, chronometer, 'Blue' 506
chronometer, 'Green' 610
watches with minute repeat 526
Mudge, Thomas junior, chronometer no.18 502
Mühe, Kahler & Tech, Wecker, reviewed 637
Murray, Charles, report 614
Murray, James, watch no.544, [stolen] 655
Musical boxes 179
Musical clock, V19
  Adams, J., bracket clock 369
  anonymous, Chinese 384
  anonymous, Chinese market 345
  anonymous Black Forest, [stolen] 554
  anonymous, pagoda clock 381
  anonymous, with singing birds, [stolen] 329
  Barber, Benjamin, bracket clock 237
  Bicknill, John, longcase clock 539-541
  Black Forest 516
  Carpenter, William 377
  Chalklen of Canterbury, longcase clock 21
  Clarke, George 381
  Clay, Charles, organ clock 373
  Drury, John, 30-hour clock 608
  Ellicott, John, bracket clock, [stolen] 654
  Emerson, Thomas, longcase clock 101
  Gould, Christopher, longcase clock 474
  Harrison, John, longcase clock 10
  Jenkins, Henry, astronomical clock 492
  Kauffmann, Johann Gottfried 506
  Markwick, Markham of London, bracket clock 472
  Marriott, J., table clock 374
  Pain, David, bracket clock, [stolen] 554
  Prior, George, bracket clock 567
  Pyke George 514
  Rimbault, Stephen 50
  Williamson, T., bracket clock 367
Musical clock 378-379
Myatt, Paul, letter 101
Mysterious Circulator, by John Schmidt 69
Mystery Clock, Faberge' of Paris, [stolen] 655
N
  Napier, Mrs. I. N. 69
  Napier, Robert 69
  Napoleon Bonaparte 258
  Nashua Watch Co 636
  Nathan, Mr., diamond merchant 408
  Nation, Christopher, organ builder 408
  National Association of Watch & Clock Collectors Collection, lecture by John Metcalfe 174-175
  Neale, J. A., reports 47, 49, 174-175, 276-277, 392, 511, 608
  Nevees, Mr., turner 408
  Nef, by Hans Schlottheim 497, 634
  Negretti & Zambra 600
  Nielsen see Nicole Nielsen
  Neilson of Glasgow, longcase clock, [stolen] 223
  Neilson, Brigadier, lecture, The Evolution of the English Clock 47
  Nelson, James 190
  Newbury, Baptist Church Hall, Exhibition 54
  Newby, Samuel, 408
  Newell, G.C. 67
  Newman, Robert, bracket clock, [stolen] 554
  Newton, Isaac, sundials 257
  Newton, James 389
  Newton, William, longcase clock 515
  Newtonian Sundial, A, lecture by Dr. A. Mills 394
Nichols, Mr., chaser 408
Nicole, Adolphe, watch 113
Nicole Nielsen, of London, Carriage clock no.11558 306, 308
chronograph 481
chronometer watch with tourbillon 339
Night clock, anonymous, pietra-dura case, [stolen] 103
Campani, G. 508
Noctuary, account from Gentleman's Magazine Oct.1805 325-327
letters 324-325, 552, 651-653
Northern Goldsmiths Co., tourbillon watch 113
Norton, Eardley, bracket clock, [stolen] 655
watch no.2710 506
Nosseni, Architect 497
Nostell Priory 594-596
Nuremberg, Germanisches National museum 505
Nurse, Mr 618
Nutation 597
Nutting, W., 551

Obeliscus Augustianus, by Johann Dinglinger 509
Obelisk, Rome, Piazza di Montecitono 166
Obituary, Clutton, Cecil (Sam) 257, 491
Greenberg, Efroim 256
Hardy, William 92
Melchger, Paul 366
Penfold, Dr. John 257, 366
Salzer, Len 256-257
Somerville, Dr. Andrew 30

Observatory, Armagh 283
Cambridge 601
Dunsink 283
Edinburgh, Calton Hill 131, 597
Glasgow, Garnet Hill 276
Gray, Lord 131
Greenwich 33, 597, 614
Hurstmonceux 28, 262
Korean Royal 11.7

Observatory clock, Bürgi, Jobst 457
Occupations, various 410-412
Ogden, John longcase clock 188-189
Ogden, Thomas, longcase clock 134

Olivé & Capellades, 24 Relotges i Altres Instruments per a La Mesura del Temp, reviewed 86
Oliver of Spalding, clock-case maker 310
Oliver, R, watch case 176
Omega, wrist-watch 646-647
Oran, Mr., finisher 408
Ordnance Survey 488
Organ clock see Musical clock
Orpheus clock by Gabriel Gipfel 508
Orr see Campbell & Orr
Osborne of Birmingham, dial maker 414
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Osborne, Mr., glass bender 408
Ottery St. Mary, turret clock 277
Ourtz, Mr., engraver 408
Owen, Edward, dial maker 417
Oxford, Ashmolean, watches in 49
Oxford, Corpus Christi College, sundial 28, 50
Oxford, Exeter College, sundial 29
Oxford, Museum of the History of Science, exhibition, John Forrest watches 31, 317
watches in 50
Oxford, Wadham College, turret clock 50
P
Pache, Mr., portrait modeller 408
Paddison, Richard, letter 45-46
Paddon, Thomas, clock maker 408
Pagoda clock 381
Pain, David, bracket clock, [stolen] 554
Painted Dial Clocks in Ireland, by M. F. Tennant 413-418
Pallweber, Joseph 88
Palmer of London 389
Parbury, Ishmael & George 512
Pardy, Clare, Insuring Fine Arts and Antiques, lecture 47
Paris of Warwick, turret clocks 611
Paris, Father, Charles 379
Paris, Mr., chaser 408
Parker, Mr., repairer 408
Parquetry case see also Marquetry case
Parquetry case, Knottesford, William, longcase clock 235
Speakman, William, longcase clock 348
Parr, Dr. David, British Railway Clocks, lecture 175-176
Parsons, Colonel William 551, 645
Patek Philippe & Co., chronograph with minute repeat 113
watches with minute repeat 113, 346
wrist chronographs 109, 113, 480
Paten, Leslie, letter [steel] 642
Patent, Balmain, W. H. 318
Bradley electric clocks 626-627
Buerk, J. E., noctuary 519
Carpenter, Samuel 202-206
Day, Samuel, noctuary 651
Hooke, Dr. Robert, King's warrant 488, 489
Jarossay, Louis Antoine 455
Jehlen, Lorenz 178
Loseby, Edward 214, 315
Pallweber 90
Schmidt, John, Mysterious Circulator 69
Stratton, watch barrel 637
Terry, Samuel 178
Theurillat, X. escapement 176
Walker of Liverpool 172
Wise, M. A. 318
Wright [Earnshaw escapement] 610
Patience, Mr., watch finisher 408
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Paton, Leslie, *Design Analysis of William Hardy Regulator Spring Detent* 193-201, 548

Payne of London, bracket clock, [stolen] 554

Payne, C.E. 69

Payne, Robert, bracket clock 247

Pearcy, J., letter [turret clocks] 645-646

Peck, Charles, book review 208

letter [pivot friction] 552

Pekking, Palace Museum 368

Coleman of London, bracket clock 341

Pelard, Jean, watch 506

Pembroke, George 389

Pendleton see Pennington & Pendleton

Pendule d'officier, by Castelli, [stolen] 655

Pendulum, barometric effects on 77

Berthoud, Ferdinand 467

Dynadromic Free 395

free 597

Gardner, Robert 75

gridiron 469, 470, 471, 572, 584

invar 191

Jacob, Aimé, compensation 18

Jarosay patent 455

rhomboidal, compensation 15

second and a quarter 120

Penfold, Dr. John, obituary 257, 366

Penney, David, book reviews etc 84, 91, 208, 210-211, 312, 543, 544

Illustrations: Deal Time Ball mechanism 41

Hornby's escapement 61

Watkins' escapement 610

lecture, A Ramble Through English Watchmaking 51

lecture, The Name on a Watch 611

reports 171-173, 176

Pennington see also Howells & Pennington

Pennington, Robert, regulator

Pennington & Pendleton, chronometer no.18 502

Pepys, John, bracket clock, [stolen] 445

watch 360

Perkins, Mr., maker 408

Permoser, Balthasar, sculptor 499

Perret, electrically wound clock - 396

Perryman, Thomas 389

Peter The Great, Czar of Russia 498

Peters, Denis 614

Peto, cross-detent escapement 478

Petworth, West Sussex, turret clock 54

Phab, Andreas, watch 506

Pfeiffer-Belli see Brunner & Pfeiffer-Belli

Philipson, H., longcase clock, [stolen] 554

Phillip The Good of Burgundy, clock 505

Phillips, Mr., dye skinner 408

Philp, Robert 389

Pickford, Christopher, Early Bedfordshire Clocks, lecture 180
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Pietra-dura, clock case 103\textsuperscript{V19}
Piguet & Seidel, grand complication watch 509\textsuperscript{V19}
Pilkington, longcase clock 413\textsuperscript{V19}
Pillar-clock, by Egidius Lobenigk 508\textsuperscript{V19}
Pilling, Roger, letter 654\textsuperscript{V19}
Pinion gauges 426\textsuperscript{V19}
Pistor, watch no.504 549-550\textsuperscript{V19}

Plaet, Hans Georg, *Taschenuhren von Nürnberg bis Glashütten*, reviewed collection, 432\textsuperscript{V19}

Pleisner, Robert 505\textsuperscript{V19}
Plummer, Charles 389\textsuperscript{V19}
Poestdorffer, Johann, watch 509\textsuperscript{V19}
Pohl, Anton, Vienna regulator 458, 566\textsuperscript{V19}
Poncet, Jean Francois 509\textsuperscript{V19}
Pons, David, four-glass clock 584\textsuperscript{V19}
Poole, D. J. 490\textsuperscript{V19}

Poncet, Jean Francois 509\textsuperscript{V19}

Poole, James & Co., trade card 650\textsuperscript{V19}

Poole, John, carriage clock 344\textsuperscript{V19}
medal, 648\textsuperscript{V19}
portrait 649\textsuperscript{V19}

Porcelain clock case, Vulliamy, B. L., mantel clock no.1595 3\textsuperscript{V19}

Porphous of Penrith, clock 177\textsuperscript{V19}

Portrait,

Drover, C. B. 606\textsuperscript{V19}
Gardner, Robert 71\textsuperscript{V19}
Loseby, Edward. 78\textsuperscript{V19}
McKay, Chris 47\textsuperscript{V19}
Poole, John 649\textsuperscript{V19}

Rippington, Alan 606\textsuperscript{V19}
Pott, John, mounter 408\textsuperscript{V19}
Potts of Leeds, wall clock, [stolen] 553\textsuperscript{V19}
Potts, Michael, letter [watch clubs] 218\textsuperscript{V19}
Potts, W., watch club 218\textsuperscript{V19}

Pouillet 45\textsuperscript{V19}
Powder-horn watch 509\textsuperscript{V19}
Pratt, Derek, watchmaker 280\textsuperscript{V19}
Pratt, James, mounter 408\textsuperscript{V19}
Prescot Museum, 260\textsuperscript{V19}

Hornby, Richard, marine chronometer 66\textsuperscript{V19}

Prayer of London 389\textsuperscript{V19}
Price, Edward, watch no.5918 506\textsuperscript{V19}
Price, William, glass bender 408\textsuperscript{V19}
Prichard, Mr., 408\textsuperscript{V19}
Prime, Andrew 618\textsuperscript{V19}

Prince, see Hampton, Prince & Cattle\textsuperscript{V19}
Prior, George, bracket clock 567\textsuperscript{V19}
Probstei, Caspar 510\textsuperscript{V19}
Probstei, Peter 510\textsuperscript{V19}
Programme, 1990 55-56\textsuperscript{V19}
Programme, 1991 185, 287, 398, 520, 615-616\textsuperscript{V19}

Provincial Clockmakers, lecture by Alan Treherne 610\textsuperscript{V19}
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Pryor, Joseph, bracket clock 347V19
Pryse see Gerald & PryseV19
Puchner, Paulus 510V19
Pullen, David, letter 653-654V19
Puller, Jonathan, bracket clock 360V19
Pumell, Charles, clock maker cV19
Purcell, A.C.,V19

  letter, [Hornby watches] 318-319V19
  Richard Hornby, Watch and Chronometer Maker of Liverpool 57-67V19

Purkyns 617V19
Purvis, Alexander, bracket clock 135V19
Pu Yi, Emperor 383V19
Pyke, George, 389V19

musical clock 514V19

Q
Quare, DanielV19
  bracket clock 664V19
  bracket clock no.62 347V19
  watch no.17, [stolen] 655V19
Quare & Horseman, bracket clock no.288 248V19
Quarman, Joseph, longcase clock 395V19
Quarman, Samuel, longcase clock, [stolen] 329V19
Quillman, Samuel, watchmaker 328V19

R
Rabby of Paris, bracket clock, [stolen] 329V19
Rae, Joseph, bracket clock 132V19
Railway,V19
  Deal & Ramsgate 36V19
  Midland 49V19
  London Bridge & Dover 36V19
Railway clocks,V19
  Gillows of Lancaster 49V19
  lecture by Dr. David Parr 175-176V19
Ramsay, Mr., escapement maker 408V19
Ramsden, Mr., dial painter 408V19
Ramsgate see Deal & RamsgateV19
Randall, Anthony,V19
  biography 275V19
  Chronometers at the Time Museum, Rockford 609V19
  Hamilton Marine Chronometer No.503 261-270V19
  reviews 90, 208V19
  Twenty-Five Years of the Horological Virus, lecture 176V19
  tourbillon watch 176V19
Rausehenbach-Vogel 88V19
Rayment, Thomas 389V19
Reasey, Lewis, chaser 408V19
Recordon, Late Emery,V19
  wall clock, [stolen] 655V19
  watch no.7223 453V19
Redfern, John,V19
  William Hardy's Timekeepers, lecture 275-276, 512, 513V19
  letter 92V19
  letter [steels] 548V19
  letter [William Hardy escapement] 320-322V19
Redpath, H., longcase clock 83V19
Redyhoff, George, reports 53, 1 79, 282-283, 396V19
Reed see Thwaites & ReedV19
Reed, George 87\textsuperscript{V19}
Reeve, C.B., longcase clock, [stolen] 103\textsuperscript{V19}
Regulator, anonymous, French 18\textsuperscript{V19}
anonymous, gothic style 9\textsuperscript{V19}
Bain, Alexander 390\textsuperscript{V19}
Bannister, Joseph 182\textsuperscript{V19}
Brameld, Tim 181\textsuperscript{V19}
Campbell of London, [stolen] 103\textsuperscript{V19}
Cottingham/Mercer 605\textsuperscript{V19}
Crostwaite, John 283\textsuperscript{V19}
Delunsey of Paris 467\textsuperscript{V19}
Dobie, Thomas 22\textsuperscript{V19}
Dutton, William 513\textsuperscript{V19}
Earnshaw, Thomas, no.1 283\textsuperscript{V19}
Gutkaes, J. Fr., nos.26 & 1194. 503\textsuperscript{V19}
Hardy, William, ‘Sandhurst’ 115\textsuperscript{V19}
Hardy, William, escapement design 193-201\textsuperscript{V19}
Jacob, Aimé 18\textsuperscript{V19}
Köhler 503\textsuperscript{V19}
McNab, J. & A. 69\textsuperscript{V19}
Pennington, Robert 476\textsuperscript{V19}
Poole, David 592\textsuperscript{V19}
Reid & Auld, \textit{Kinfauns} 130-131\textsuperscript{V19}
Seyffert, J.H. 503\textsuperscript{V19}
Shelton, John 283\textsuperscript{V19}
Shepherd, 1854 38, 42\textsuperscript{V19}
Shortt, free pendulum no.40 265\textsuperscript{V19}
Strasser & Rohde 502, 503\textsuperscript{V19}
Regulator, table, Bouchet of Paris 468\textsuperscript{V19}
Cole, Thomas 357\textsuperscript{V19}
Detouche, C., 570\textsuperscript{V19}
Janvier of Paris, no.385 470\textsuperscript{V19}
Lepine of Paris 574\textsuperscript{V19}
LeRoy of Paris 575\textsuperscript{V19}
LeRoy of Paris, no.112 469\textsuperscript{V19}
Lory of Paris 471\textsuperscript{V19}
Robin of Paris 571\textsuperscript{V19}
Sarton, Humbert 276\textsuperscript{V19}
Regulator, Vienna, Bürgi, Jobst 2\textsuperscript{V19}
Pohl, Anton 566\textsuperscript{V19}
Wirbal of Vienna 342\textsuperscript{V19}
Regulator, wall, Cole, Thomas, no.150 128\textsuperscript{V19}
Jarossay, Louis Antoine 455\textsuperscript{V19}
Reichel, Tobias, automata 497\textsuperscript{V19}
watch 509\textsuperscript{V19}
Reid & Auld, \textit{Kinfauns} regulator 130-131\textsuperscript{V19}
Reid, John, Japanese Timekeeping and Clocks 179\textsuperscript{V19}
Reinhold, Johann see Roll & Reinhold\textsuperscript{V19}
Reitter, Cyprianus, watch 505\textsuperscript{V19}
Remontoire, Bouchet of Paris, table regulator 468\textsuperscript{V19}
Bürgi, Jobst 457\textsuperscript{V19}
Hamilton Watch Co. marine chronometer no.503 262, 267-270 v19
LeRoy of Paris, table regulator no.112 469 v19
Renea, Mr., mounter 408 v19
Renshaw, Mr., copper smith 408 v19
Rensman, P., longcase clock, [stolen] 554 v19
Rentzche, Mr., letters from Vulliamy 402 v19
Repeat, half-hour, Margaine of Paris, carriage clock no.8320 522-524 v19
Repeat, half-ten minute, 453 v19
Recordon, late Emery watch no.7223 525-530 v19
Lund & Blockley, pocket chronometer no.2/705 20 v19
Mudge, Thomas, watches 526 v19
Nicole Nielsen & Co., chronograph 481 v19
Patek Philippe, chronograph 113 v19
Patek Philippe, watches 113, 346 v19
Patek Philippe, wrist-watch 113 v19
Repeat, quarter, 360 v19
Cartwright, Thomas, watch 360 v19
Constantine, John, bracket clock 465 v19
Ellicott, John, bracket clock 577 v19
Favre, Henry, bracket clock 580 v19
Graham, George, bracket clock no.637 232 v19
Graham, George, bracket clock no.719 26 v19
Graham, George, watch no.424 244 v19
Fleury, L’aîne’, watch 113 v19
Hornby, Richard, watch no.24709 64 v19
Leroux, John, watch 360 v19
Massey, Henry, bracket clock, [stolen] 329 v19
Pepys, John, watch 360 v19
Puller, Jonathan, bracket clock 360 v19
Quare, Daniel, bracket clock 664 v19
Quare & Horseman bracket clock no.288 248 v19
Shaw, John, bracket clock 456 v19
Tompion, Thomas, bracket clock no.42 573 v19
Tompion, Thomas, bracket clock no.225 19 v19
Tompion, Thomas, bracket clock no.252 465 v19
Tompion, Thomas, bracket clock no.367 348 v19
Whitchote, Samuel, bracket clock 568 v19
Windmills, Joseph, bracket clock 583 v19
Repousse case, Graham, George, watch no.424 244 v19

Restoration of a Bracket Clock, lecture by John White v19
Ricci, Father Matteo 51, 173, 368-369 v19
Rich, Mr., box maker 408 v19
Richard, Louis, escapement 202 v19
Richardson, Mr., errand man 408 v19
Richey, Mr., escapement maker 409 v19
Rickard, H., longcase clock [stolen] 222 v19
Rickett, G. W., 292 v19
Richmond of York, longcase clock, [stolen] 553 v19
Riefler clocks 603 v19
Rigby, J., watch finisher 409 v19
Rigg, A., letter 101 v19
Rimbault, Paul 389 v19
Rimbault, Stephen, musical bracket clock 389 v19
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Rippin, James, clockmaker 32
Rippin of ?, clockmakers 259
Rippington, Alan, biography 606
Risch, Craig, review 514, 611
Rivas, Henry, longcase clock 418
Robbins, Royal 636
Roberts, planing machine 286
Roberts, Mr., watch repairer 409
Roberts, Derek, Continental & American Skeleton Clocks, reviewed 207
Skeleton Clocks, lecture 276
Roberts, James, bracket clock, [stolen] 655
Roberts, Ken, Connecticut Clocks of Wrought Brass, lecture 393
Connecticut Shelf Clocks, lecture 513
The Technical Evolution of Clockmaking in Connecticut 396
Robin of Paris, table regulator 571
Robin, Robert, watch no.5 213-214
Robinson, Owen, pocket chronometer 360
Robinson, Tom, book reviews 207, 312
Clocks in the Fitzwilliam Museum 177, 513
An Early Quarter Chiming Thirty Hour Clock 188-189
English Thirty-Hour Clocks, lecture 515, 607
Robson, Joseph, railway clock 176
Rockford Time Museum, lecture by Prof. A. Smith 279
Rockford, Time Museum, Historical Catalogue of American Pocket Watches, 635
Hornby, Richard, marine chronometers 65-66
Tompion, Thomas, longcase clock no.131 305
Willmore, Jac., equation clock 531
Rochon, Alexis-Marie 645
Rocque of Paris, mantel clock, [stolen] 554
Roentgen see Kienzing & Roentgen
Rogers, Alexander, glass engraver 409
Rohde see Strasser & Rohde
Rolex, lunar/calendar wrist-watch 346
Roll, Georg & Reinhold Johannes, globe 495
Rolling-ball clock by Halleicher, Matthäus 497
Roman Charity, on a watch case 481
Rome, Piazza di Montecitorio, obelisk 166
Romley, Jane 50, 420
Romley, Robert 526
Roper of Shepton Mallet, longcase clock 395
Rose, Joseph 389
Rose, Ron, Thomas Cole, lecture 612
Rotherham see Vale & Rotherham
Rotherham & Sons, watch no 247588 598
Rowley, Gordon 286
report 515
Royal Astronomical Society 594, 602
Royal, Henry 377\textsuperscript{V19}
Rudolf II, Holy Roman Emperor 494\textsuperscript{V19}
Rudolph, Johann Gottlob, clockmaker 501, 510\textsuperscript{V19}
Ruggieri, Father 369\textsuperscript{V19}
Rundell & Bridge 69\textsuperscript{V19}
Rungel, Matthias, automaton 497\textsuperscript{V19}
Russel see Mitchell & Russel\textsuperscript{V19}
Russell, Thomas, longcase clock 393\textsuperscript{V19}
Russell, Thomas & Co., watch no.35452, [stolen] 445\textsuperscript{V19}
Russell, William, longcase clock 559\textsuperscript{V19}
Rymer, Mr, engraver 409\textsuperscript{V19}
Sabrier, Jean-Claude, letter, Robin, watch no.5 213-214\textsuperscript{V19}
Sadland, James, watch repairer 409\textsuperscript{V19}
Saffron Walden Museum, Exhibition, Time Passed 146\textsuperscript{V19}
Sägeuhr 8\textsuperscript{V19}
Saint Oswald, Lord 594\textsuperscript{V19}
Salzer, Len, obituary 256-257\textsuperscript{V19}
Sampson, R. A., 597\textsuperscript{V19}
Sandhurst, Hardy regulator 115\textsuperscript{V19}
Sargisson, Roy, collection 32, 259\textsuperscript{V19}
Saron, Jean Baptiste de 644\textsuperscript{V19}
Sarton, Humbert, skeleton clock 276\textsuperscript{V19}
Savage, G., wall clock, [stolen] 553\textsuperscript{V19}
Savage, George, two-pin lever escapement 44, 172\textsuperscript{V19}
Savell, Mr., wire drawer 409\textsuperscript{V19}
Savory, Mr., engraver 409\textsuperscript{V19}
Schabaud, Henry, dial maker 409\textsuperscript{V19}
Schardin, Joachim, The History of the Horological Collections in Dresden, lecture 493-510\textsuperscript{V19}
Schellhorn, Andreas, table clock 508\textsuperscript{V19}
Scherer, Frederic, carriage clock 462\textsuperscript{V19}
Schillinger, Dr. Klaus 506, 510\textsuperscript{V19}
Schissler, Christoff, sundial 499\textsuperscript{V19}
Schlothaim, Hans, Christmas Cradle clock 497, 506\textsuperscript{V19}
golden peacock automaton 495\textsuperscript{V19}
Inverted World automaton 504\textsuperscript{V19}
lobster automata 495\textsuperscript{V19}
nef 497, 634\textsuperscript{V19}
Tower of Babel clock 496\textsuperscript{V19}
Schmidt, John, Mysterious Circulator 69\textsuperscript{V19}
Schoof, W. G. 74-75, 191\textsuperscript{V19}
Schumann Johann Friedrich, watch 506\textsuperscript{V19}
Schuster, Johann Christoph see Hahn & Schuster\textsuperscript{V19}
Schuster, Paulus, masterpiece clock 24, 495, 496\textsuperscript{V19}
Schwarz, Sebald, writing-box clock 506\textsuperscript{V19}
Schweizer Armbanduhren, by Brunner & Pfeiffer-Belli, reviewed 544\textsuperscript{V19}
Scientific Instrument Makers of Ireland, by A. Morrison-Low 180\textsuperscript{V19}
Scotchford, Thomas, book 73\textsuperscript{V19}
Scott of Dundee, longcase clock, [stolen] 554\textsuperscript{V19}
Scott, Digby chaser 409\textsuperscript{V19}
Scott, William 389\textsuperscript{V19}
Scottish Clockmaking, lecture by Dr. Michael Darreau 180\textsuperscript{V19}
Scratch dials see sundials\textsuperscript{V19}
Scouthier, Mr., watch finisher 409\textsuperscript{V19}
Seabrook 619\textsuperscript{V19}
Seabrook, A. R., The Greenwich Time Service, lecture 286\textsuperscript{V19}
Sea Clocks, lecture by Steve Allen

Seagrove, John, gilder

Seal, Mr., escapement maker

Searle & Co., four-glass clock, [stolen]

Seasonal-Hour Sundials, by Dr. Allan Mills

Seddon of London? longcase clock

Seddon, Daniel, longcase clock no.11

Seeland, Fred A.

Seidel see also Piguet & Seidel

Seidel, Martin, chronometer-watch

Sejong, King

Sellers, Robert

Semaine of London, mantel clock

Senior, Allen, grande-sonnerie clock

Sephton, Dan, toolmaker

wheel-cutting engine

Seyffert, Johann Heinrich, chronometer nos. 7 and 8
observatory clock no.94
watch no.93

Shanks, Ken, letter [wrist strap adaptor]

Sharp of Dublin, watch no.3161
letter to Curzon

Shaw, John, bracket clock

Shelton, John, bracket clocks regulator

Shepherd, regulator 1854
Shepherd, John, watch no.169
Sherbourne Abbey, Dorset, turret clock
Shortt, free pendulum clock no.40
free pendulum clock no.49

Shun-Chib, Emperor

Shutter, William

Sidwell, Edward, 30-hour clock
Silvestre, Louis de, painter
Simcock, Anthony,
Early Clocks by Knibb, lecture

Simmons of Warwick, turret clock

Simon, Arndt, A Pre-1750 Minute Repeating Watch

Simpson, Mr., silver smith

Simpson, Alan, The Sundials of Richard Melville, lecture
Simma, Terry, letter [pivot friction]
Sims, J., repeating work maker
Single-Nicholls, G., letter [Hornby escapement]
Singing-bridge clock
Sinkler, Arthur, correspondence
Skeleton Clocks, lecture by Derek Roberts
Skeleton clock

Barraud of London, spherical
Jepson
Moore of Clerkenwell
Sarton, Humbert
Strutt, William
Wigston, William no.48
Wilson. Thomas

Skull watch

Smart, Mr., watch finisher
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Smith & Grace Ltd 593, 598\(^{V19}\)

Smith & Smith Collection 65, 66\(^{V19}\)

Smith of Barthomly, bracket clock 613\(^{V19}\)

Smith of London, bracket clock, [stolen] 655\(^{V19}\)

Smith of Derby, turret clock 611\(^{V19}\)

Smith Mr., watch jobber 409\(^{V19}\)

Smith: Mr., modeller 409\(^{V19}\)

Smith, Prof. A., *The Rockford Time Museum*, lecture 279\(^{V19}\)

Smith, Alan, book review 81-82\(^{V19}\)

Smith, Amy, letter 547\(^{V19}\)

Smith, Edward, longcase clock 415\(^{V19}\)

Smith, Elizabeth 593\(^{V19}\)

Smith, Humphrey 262-263\(^{V19}\)

Smith, Jes., bracket clock 284\(^{V19}\)

Smith, John & Sons 600\(^{V19}\)

Smith, Joseph, engraver 424\(^{V19}\)

Smith, Michael 512\(^{V19}\)

Smith, R., spring maker 409\(^{V19}\)

Smith, Robert, longcase clock 241\(^{V19}\)

Smith, Roger, Vulliamy, *Clock Numbering: A Dated Series* 620-627\(^{V19}\)

Smith, S. & Son, 598\(^{V19}\)

 chronograph no.159-I 895
 chronometer watch no.188-250 339\(^{V19}\)

Smith, Sydney & Sons 598\(^{V19}\)

Smith, T. E. & H. F. 64\(^{V19}\)

Smith, William, bracket clock, [stolen] 655\(^{V19}\)

Smithie of Spalding, clock-case maker 310\(^{V19}\)

Smithsonian Institute see Mayr & Stephens\(^{V19}\)

Smitten, Mr., watch finisher 409\(^{V19}\)

Snow, Richard, 30-hour clock 608\(^{V19}\)

Somerville, Dr. A. R., 30\(^{V19}\)

 Obituary 30\(^{V19}\)

The Ancient Sundials of Scotland, reviewed 86\(^{V19}\)

The *Symbolic Renaissance Sundials of Scotland* lecture 28\(^{V19}\)

Sontham, Mr., watch finisher 409\(^{V19}\)

Sophia, Electoress of Saxony 495\(^{V19}\)

Sowerby, Jeremiah, clock-case maker 49\(^{V19}\)

Sparks, Brian, reports 51, 178, 279-280, 394, 515, 611\(^{V19}\)

Speakeam, William, longcase clock 348\(^{V19}\)

Spencer-Jones, Sir Harrold 604\(^{V19}\)

Spring-detent jig 220\(^{V19}\)

Spruce, Philip, letter, [Loseby's patent] 214\(^{V19}\)

Stahl, Andreas, watch 509\(^{V19}\)

Stanton, Edward, longcase clock 116\(^{V19}\)

State-of-wind indicator see up-and-down\(^{V19}\)

Steel, in restoration 642\(^{V19}\)

Stephens see Mayr & Stephens\(^{V19}\)

Steven, D., longcase clock, [stolen] 445\(^{V19}\)

Stewart, John, silversmith 409\(^{V19}\)

Stirling see Bambridge & Stirling\(^{V19}\)

Stirling Clockmakers, Old, by Charles Allan, reviewed 83-84\(^{V19}\)

Stogden, Matthew 525, 527\(^{V19}\)

Stoke by Clare, turret clock 181\(^{V19}\)

Stolen clocks and watches 103, 222, 329, 445, 553\(^{V19}\)

Stone & Marshall, turret clock 174\(^{V19}\)

Stone, David, letter 94\(^{V19}\)

Storey, H., escapement maker 409\(^{V19}\)
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Storr., B., longcase clock, [stolen] 222V19
Storr, Marmaduke, longcase clock 350V19
Story, William, bracket clock, [stolen] 655V19
Stratton, patent watch barrel 637V19
Strasser & Rohde, regulator 502, 503V19
Street, Eric, letter, [AHS-BHI amalgamation] 211V19
Street, John, watch finisher 409V19
Streeter, E., turret clock 54V19
Streeter, J. & Sons, turret clock 53V19
Streller, Jacob, table clock 508V19
Striking, Dutch, Knibb, Joseph, bracket clock 249V19
Striking, grande-sonnerie, V19
  English clocks, a classification 301-308V19
  Fertbauer of Vienna, regulator 2V19
  Lefrand of Paris, carriage clock 137V19
  Wirral of Vienna, regulator 342V19
Striking jack 631V19
Striking, petite sonnerie, V19
  Bellot, Jaques, carriage clock 563V19
  LeRoy & Cie, carriage clock 588V19
Striking, quarter, V19
  Barber, Benjamin, bracket clock 237V19
  Bouchet of Paris, table regulator 468V19
Strut clock, Cole, Thomas, no.553 477V19
Strutt, William, V19
  noctuary 219, 324-325, 652V19
  skeleton clock 124, 354V19
Stryp, Bernardus van, bracket clock 119V19
Stuart see also McClure & Stuart V19
Stuart, Susan, Lancaster Clock Cases, lecture 49, 518V19
Stuart, William, V19
  History, Clocks & Instruments of Armagh Observatory, lecture 283, 613V19
  Clockmaking in Cork, lecture 284V19
Stubs, tool maker 50V19
Stubs, Peter, tool maker 424, 426-429V19
Sturry, Kent, turret clock 281V19
Style, Nathaniel, bracket clock, [stolen] 103V19
Summers & Fitzir., jewellers 409V19
Sumpter, Thomas, plinth maker 409V19
Sundial see also British Sundial Society V19
Sundial, V19
  Bewcastle Cross, Cumberland 153V19
  Borcovicus Station 160V19
  Città Lavinium 158V19
  Göbe, Hans 495V19
  Hartmann, Georg 499V19
  Harvock, J. U., equinoctial 144V19
  Hurstmonceux, Sussex 28V19
  Jones, R., [stolen] 103V19
  Kirkdale, St. Gregory's Minster 154V19
  Luxor 156V19
  Newtonian 394V19
  Oxford, Corpus Christi College 28, 50V19
  Oxford, Exeter College 29V19
  Rome, Piazza di Montecitono 166V19
  Saxon 161V19
  Schissler, Christoff 499V19
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>scratch-dials</td>
<td>147-170</td>
<td>V19</td>
</tr>
<tr>
<td>Taylor, Gordon</td>
<td>28</td>
<td>V19</td>
</tr>
<tr>
<td>Turnbull, Charles</td>
<td>28</td>
<td>V19</td>
</tr>
<tr>
<td>Zimmer, I. G.</td>
<td>500, 501</td>
<td>V19</td>
</tr>
<tr>
<td>Sundials of Oxford, Tour by Charles Aked</td>
<td>50</td>
<td>V19</td>
</tr>
<tr>
<td>Sundials of Richard Melville, by Alan Simpson</td>
<td>180</td>
<td>V19</td>
</tr>
<tr>
<td>Sundials, Seasonal-Hour, by Dr. Allan Mills</td>
<td>147-170, 315</td>
<td>V19</td>
</tr>
<tr>
<td>Sundials, Stained-Glass Window, lecture by Christopher Daniel</td>
<td>28</td>
<td>V19</td>
</tr>
<tr>
<td>Sundials, The Ancient, of Scotland, by Dr. Andrew Somerville, reviewed</td>
<td>86</td>
<td>V19</td>
</tr>
<tr>
<td>Sundials, The Evolution of, lecture by Dr. Allan Mills</td>
<td>28</td>
<td>V19</td>
</tr>
<tr>
<td>Surtees, R.S., Hawbuck Grange</td>
<td>647</td>
<td>V19</td>
</tr>
<tr>
<td>Sussex, Duke of,</td>
<td>182</td>
<td>V19</td>
</tr>
<tr>
<td>Su Sung, astronomical clock</td>
<td>368</td>
<td>V19</td>
</tr>
<tr>
<td>Swann see Edison &amp; Swann</td>
<td></td>
<td>V19</td>
</tr>
<tr>
<td>Swansea, Marine &amp; Industrial Museum, clocks stolen</td>
<td>655</td>
<td>V19</td>
</tr>
<tr>
<td>Swedberg, R.W. &amp; H., American Clocks &amp; Clockmakers, reviewed</td>
<td>639</td>
<td>V19</td>
</tr>
<tr>
<td>Swift, Jonathan</td>
<td>294</td>
<td>V19</td>
</tr>
<tr>
<td>Swift, Mr., motion work maker</td>
<td>409</td>
<td>V19</td>
</tr>
<tr>
<td>letter from Vulliamy</td>
<td>402</td>
<td>V19</td>
</tr>
<tr>
<td>Sword-watch</td>
<td>509</td>
<td>V19</td>
</tr>
<tr>
<td>Sympathique clock, Breguet, A.L. no.1</td>
<td>258</td>
<td>V19</td>
</tr>
<tr>
<td>Syon Park, clock by Vulliamy</td>
<td>622</td>
<td>V19</td>
</tr>
<tr>
<td>T</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tabernacle clock see Table clock</td>
<td>V19</td>
<td></td>
</tr>
<tr>
<td>Table clock see also Bracket clock</td>
<td>V19</td>
<td></td>
</tr>
<tr>
<td>Table clock,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>anonymous, with four elephants</td>
<td>372</td>
<td>V19</td>
</tr>
<tr>
<td>Buschmann, Caspar, III</td>
<td>504</td>
<td>V19</td>
</tr>
<tr>
<td>Kurzrock, Hans</td>
<td>495</td>
<td>V19</td>
</tr>
<tr>
<td>Mayr, Jacobus</td>
<td>508</td>
<td>V19</td>
</tr>
<tr>
<td>Schellhorn, Andreas</td>
<td>508</td>
<td>V19</td>
</tr>
<tr>
<td>Schuster, Paulus</td>
<td>24, 495</td>
<td>V19</td>
</tr>
<tr>
<td>Steller, Jacob</td>
<td>508</td>
<td>V19</td>
</tr>
<tr>
<td>Zech, Jacob</td>
<td>507</td>
<td>V19</td>
</tr>
<tr>
<td>Tanuel, W.</td>
<td>551</td>
<td>V19</td>
</tr>
<tr>
<td>Tavern clock, Anonymous, [stolen]</td>
<td>103</td>
<td>V19</td>
</tr>
<tr>
<td>Taylor, Charles, letter</td>
<td>93</td>
<td>V19</td>
</tr>
<tr>
<td>Taylor, George, wall clock</td>
<td>653</td>
<td>V19</td>
</tr>
<tr>
<td>Taylor, Gerald, The Watches in the Ashmolean Museum, lecture</td>
<td>49</td>
<td>V19</td>
</tr>
<tr>
<td>Taylor, Gordon, sundial</td>
<td>28</td>
<td>V19</td>
</tr>
<tr>
<td>Taylor, John</td>
<td>389</td>
<td>V19</td>
</tr>
<tr>
<td>Taylor, Terry, clock restoration</td>
<td>282</td>
<td>V19</td>
</tr>
<tr>
<td>Techen see Mühe, Kahlert &amp; Techen</td>
<td>V19</td>
<td></td>
</tr>
<tr>
<td>Tee, G. J., letter [G. B. Airy]</td>
<td>547</td>
<td>V19</td>
</tr>
<tr>
<td>Telescope, Herschel</td>
<td>502</td>
<td>V19</td>
</tr>
<tr>
<td>Tell-tale clock see Noctuary</td>
<td>V19</td>
<td></td>
</tr>
<tr>
<td>Telper, John, watch finisher</td>
<td>409</td>
<td>V19</td>
</tr>
<tr>
<td>Tempera, Antonio</td>
<td>298</td>
<td>V19</td>
</tr>
<tr>
<td>Temperature effects on springs</td>
<td>262-263, 296</td>
<td>V19</td>
</tr>
<tr>
<td>Tennant, M. F., The Painted Dial in Ireland</td>
<td>413-418</td>
<td>V19</td>
</tr>
<tr>
<td>Terry, Noel, collection</td>
<td>514</td>
<td>V19</td>
</tr>
<tr>
<td>Terry, Samuel, patent</td>
<td>178</td>
<td>V19</td>
</tr>
<tr>
<td>Teubner, Ludwig, digital clock</td>
<td>506</td>
<td>V19</td>
</tr>
<tr>
<td>Thacker, Jeremy, longitude timekeeper</td>
<td>292-300</td>
<td>V19</td>
</tr>
<tr>
<td>Thaller, Mr., escapement maker</td>
<td>409</td>
<td>V19</td>
</tr>
<tr>
<td>Thalot, Andreas, clock case</td>
<td>508</td>
<td>V19</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Thed, Mr., model maker 409V19
Thermometer, V19
  anonymous mantel clock 111V19
  LeRoy of Paris, table regulator no.112 468V19
Therillat, X. V19
Thick, Mr., 409V19
Thill, Mr., watch maker 409V19
Thomas, Thomas, mason 409V19
Thompson, Mr., ornament maker 409V19
Thoms, watch-case 339V19
Thomson, Thomas 619V19
Thorpston, Northants, turret clock 594V19
Thuret, Isaac V19
  clock 509V19
  watch 506V19
Thursfield & Gwynne, chasers 409V19
Thwaites & Reed, V19
  noctuary 552V19
  turret clocks 54, 183V19
Thwaites, Ainsworth, longcase clock 460V19
Thwaites, John, Ellicott bracket clock 142V19
Thwaites, John, bracket clock 142V19
Thwaites, John, turret clock 619V19
Thwaites of London, bracket clock, [stolen] 329V19
Tickell, William, longcase clock, [stolen] 655V19
Tidal indications on inland longcase clocks 309-311V19
Time Ball, V19
  Deal 33-43V19
  Greenwich 614V19
Time Museum see RockfordV19
Time Passed, Exhibition 146V19
Time recorders 519V19
Time-Saving Clocks 396V19
Tobias, Family, The, lecture by Michael Edidin 608V19
Tolke & King, L. W. C. International Watch Company Schaffhausen, reviewed 87V19
Tomkins, Mr, print seller 409V19
Tomlin of London, bracket clock 16V19
Tomlin, Edward 389V19
Tompion, Thomas, V19
  bracket clock 127V19
  bracket clock, 'The Sussex' 304V19
  bracket clock no.15 177V19
  bracket clock no.21 177V19
  bracket clock no.42 573V19
  bracket clock no.181, [stolen] 654V19
  bracket clock no.184, [stolen] 654V19
  bracket clock no.225 19V19
  bracket clock no.252 465V19
  bracket clock no.367 348V19
  bracket clocks nos.217, 278, 300, 436, 443, 477 305V19
Drayton House clock 513V19
longcase clock, astrolabic 177, 513V19
longcase clock no.3 304V19
longcase clock no.131 305V19
<table>
<thead>
<tr>
<th>Subject</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>longcase clock, 30-hour</td>
<td>607</td>
</tr>
<tr>
<td>travelling clock</td>
<td>47, 49</td>
</tr>
<tr>
<td>year-going clock</td>
<td>605</td>
</tr>
<tr>
<td>Tompion &amp; Banger, bracket clock no.286</td>
<td>347</td>
</tr>
<tr>
<td>Tool Makers of the 18th Century, lecture by T. Crom</td>
<td>50</td>
</tr>
<tr>
<td>Tool Makers of 18th Century Liverpool and Prescot, by T. Crom</td>
<td>419-430</td>
</tr>
<tr>
<td>Tonkin, Samuel</td>
<td>256</td>
</tr>
<tr>
<td>Torrens, Professor D. S.</td>
<td>191, 605</td>
</tr>
<tr>
<td>Torsion Pendulum Clocks, lecture by C. Wadge</td>
<td>177</td>
</tr>
<tr>
<td>Tortoise-shell case, Markwick, Markham of London, bracket clock</td>
<td>472</td>
</tr>
<tr>
<td>Viner of London, bracket clock</td>
<td>121</td>
</tr>
<tr>
<td>Tourbillon see also Karruseil</td>
<td></td>
</tr>
<tr>
<td>Tourbillon.</td>
<td></td>
</tr>
<tr>
<td>Arnold/Breguet pocket chronometer no.11</td>
<td>478</td>
</tr>
<tr>
<td>anonymous chronometer-watch</td>
<td>108</td>
</tr>
<tr>
<td>Nicole Nielsen of London</td>
<td>339, 481</td>
</tr>
<tr>
<td>Northern Goldsmiths Co., watch</td>
<td>113</td>
</tr>
<tr>
<td>Pratt, Derek</td>
<td>280</td>
</tr>
<tr>
<td>Randall, Anthony</td>
<td>176</td>
</tr>
<tr>
<td>Tower of Babel, clock by Hans Schlotthaim</td>
<td>496</td>
</tr>
<tr>
<td>TR see Reichel, Tobias</td>
<td></td>
</tr>
<tr>
<td>Trades see occupations</td>
<td></td>
</tr>
<tr>
<td>Trade card Poole &amp; Co</td>
<td>650</td>
</tr>
<tr>
<td>Trade Catalogues, 1542-1842, by Theodore Crom, reviewed</td>
<td>81-82</td>
</tr>
<tr>
<td>Transit instrument, Bird, John</td>
<td>501</td>
</tr>
<tr>
<td>Carey, William</td>
<td>502</td>
</tr>
<tr>
<td>Heyde, Gustav</td>
<td>503</td>
</tr>
<tr>
<td>Travelling clock,</td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>47, 49</td>
</tr>
<tr>
<td>Vulliamy of London no.887</td>
<td>623</td>
</tr>
<tr>
<td>Travers, Adam</td>
<td>389</td>
</tr>
<tr>
<td>Trecheler, Christoph</td>
<td>510</td>
</tr>
<tr>
<td>Trevannaird, Mr., watch finisher</td>
<td>409</td>
</tr>
<tr>
<td>Tregent, James</td>
<td>389</td>
</tr>
<tr>
<td>bracket clock</td>
<td>352</td>
</tr>
<tr>
<td>Treherne, Professor Alan,</td>
<td></td>
</tr>
<tr>
<td>Edward Massey and the Lever Escapement, lecture</td>
<td>171</td>
</tr>
<tr>
<td>Methods &amp; Resources for Researching Local Clockmakers</td>
<td>180</td>
</tr>
<tr>
<td>Provincial Clockmakers, lecture</td>
<td></td>
</tr>
<tr>
<td>Trechsler, Christoff, instrument maker</td>
<td>496</td>
</tr>
<tr>
<td>Triebold</td>
<td>505</td>
</tr>
<tr>
<td>Triplin, Julien</td>
<td>594</td>
</tr>
<tr>
<td>TS (Telegraph Street)</td>
<td>36</td>
</tr>
<tr>
<td>Tucker of London, turret clock</td>
<td>53</td>
</tr>
<tr>
<td>Tuck, Paul,</td>
<td></td>
</tr>
<tr>
<td>letter [Colonel William Parsons]</td>
<td>551</td>
</tr>
<tr>
<td>report</td>
<td>276</td>
</tr>
<tr>
<td>Tucker, Thomas, longcase clock, [stolen]</td>
<td>223</td>
</tr>
<tr>
<td>Tue, Thomas, lantern clock, [stolen]</td>
<td>329</td>
</tr>
<tr>
<td>Turkish market,</td>
<td></td>
</tr>
<tr>
<td>anonymous bracket clock, [stolen]</td>
<td>222</td>
</tr>
<tr>
<td>Barber, Benjamin, bracket clock</td>
<td>237</td>
</tr>
<tr>
<td>Prior, George, bracket clock</td>
<td>567</td>
</tr>
<tr>
<td>Turnbull, Charles, sundial</td>
<td>50</td>
</tr>
<tr>
<td>Turnbull, R., longcase clock, [stolen]</td>
<td>553</td>
</tr>
<tr>
<td>Turner, Mr., watch finisher</td>
<td>409, 410</td>
</tr>
<tr>
<td>Turner, Anthony see also Chapiro, Meslin-Perrier &amp; Turner</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Entry</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>Watches in the Museum of the History of Science, Oxford</td>
<td>book review</td>
</tr>
<tr>
<td></td>
<td>letter, [Saron and Parsons]</td>
</tr>
<tr>
<td>Turret</td>
<td>426</td>
</tr>
<tr>
<td>Turret clock directory</td>
<td>218, 322</td>
</tr>
<tr>
<td>Turret Clock History, Researching, by Alun C. Davies</td>
<td>628-631</td>
</tr>
<tr>
<td>Armstrong of Saffron Walden</td>
<td>182, 183</td>
</tr>
<tr>
<td>Bannister, Joseph</td>
<td>182</td>
</tr>
<tr>
<td>Bennett, Sir John</td>
<td>53</td>
</tr>
<tr>
<td>Benson, J. W.</td>
<td>183, 628</td>
</tr>
<tr>
<td>Chaoh-Ching</td>
<td>369</td>
</tr>
<tr>
<td>Clarke, George &amp; Josiah</td>
<td>281</td>
</tr>
<tr>
<td>Cooke of York</td>
<td>613</td>
</tr>
<tr>
<td>Cooke, Thomas</td>
<td>180</td>
</tr>
<tr>
<td>Cooper, John</td>
<td>182</td>
</tr>
<tr>
<td>Cottingham, [stolen]</td>
<td>594</td>
</tr>
<tr>
<td>Garwood of Guildford</td>
<td>54</td>
</tr>
<tr>
<td>Gillett &amp; Johnson</td>
<td>53, 54, 281</td>
</tr>
<tr>
<td>Harrison, James</td>
<td>286</td>
</tr>
<tr>
<td>Hay of London</td>
<td>53</td>
</tr>
<tr>
<td>Hedge of Colchester?</td>
<td>182</td>
</tr>
<tr>
<td>Holt, William</td>
<td>54</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>50</td>
</tr>
<tr>
<td>Moody of Cambridge</td>
<td>183</td>
</tr>
<tr>
<td>Newey</td>
<td>514</td>
</tr>
<tr>
<td>Paris of Warwick</td>
<td>611</td>
</tr>
<tr>
<td>Potts of Leeds?</td>
<td>182</td>
</tr>
<tr>
<td>Simmons of Warwick</td>
<td>611</td>
</tr>
<tr>
<td>Smiths of Derby</td>
<td>611</td>
</tr>
<tr>
<td>Stone &amp; Marshall</td>
<td>174</td>
</tr>
<tr>
<td>Streeter, E.,</td>
<td>54</td>
</tr>
<tr>
<td>Streeter, J. &amp; Sons</td>
<td>53</td>
</tr>
<tr>
<td>Thwaites &amp; Reed</td>
<td>54, 183</td>
</tr>
<tr>
<td>Thwaites, John</td>
<td>619</td>
</tr>
<tr>
<td>Tucker of London</td>
<td>53</td>
</tr>
<tr>
<td>Volger, Kornelius</td>
<td>272</td>
</tr>
<tr>
<td>Vulliamy of London</td>
<td>183, 286</td>
</tr>
<tr>
<td>Akersloot, Holland</td>
<td>272</td>
</tr>
<tr>
<td>Aston Cantlow, Warks</td>
<td>611</td>
</tr>
<tr>
<td>Baddesley Clinton House</td>
<td>611</td>
</tr>
<tr>
<td>Billingshurst, West Sussex</td>
<td>53</td>
</tr>
<tr>
<td>Brockwell Park, Brixton</td>
<td>565</td>
</tr>
<tr>
<td>Bumpstead</td>
<td>183</td>
</tr>
<tr>
<td>Bures, Suffolk</td>
<td>182</td>
</tr>
<tr>
<td>Carrickfergus, St Nicholas</td>
<td>180, 613</td>
</tr>
<tr>
<td>Chadshunt</td>
<td>611</td>
</tr>
<tr>
<td>Chartham, Kent</td>
<td>281</td>
</tr>
<tr>
<td>Chilham, Kent</td>
<td>281</td>
</tr>
<tr>
<td>Clare, Essex?</td>
<td>182</td>
</tr>
<tr>
<td>Cowfold, West Sussex</td>
<td>53</td>
</tr>
<tr>
<td>Cronkall, Hampshire</td>
<td>53</td>
</tr>
<tr>
<td>De Rijp, Holland</td>
<td>272</td>
</tr>
<tr>
<td>Dresden, Fortress Königstein</td>
<td>507</td>
</tr>
<tr>
<td>Durgerdam, Holland</td>
<td>272</td>
</tr>
<tr>
<td>Location</td>
<td>Page(s)</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Guildford, Town Hall</td>
<td>629</td>
</tr>
<tr>
<td>Hackington, Kent</td>
<td>281</td>
</tr>
<tr>
<td>Hanwell, Oxon</td>
<td>616</td>
</tr>
<tr>
<td>Henley in Arden</td>
<td>611</td>
</tr>
<tr>
<td>Horncchurch, Essex, St Andrew's</td>
<td>617-619</td>
</tr>
<tr>
<td>London, Greenwich Hospital</td>
<td>286</td>
</tr>
<tr>
<td>London, Scotland Yard</td>
<td>286</td>
</tr>
<tr>
<td>Manningtree, St Michael's</td>
<td>182</td>
</tr>
<tr>
<td>Ottery St. Mary</td>
<td>277</td>
</tr>
<tr>
<td>Packwood House</td>
<td>611</td>
</tr>
<tr>
<td>Petworth, West Sussex</td>
<td>54</td>
</tr>
<tr>
<td>Radwinter</td>
<td>182</td>
</tr>
<tr>
<td>Saffron Walden</td>
<td>183</td>
</tr>
<tr>
<td>Sherbourne Abbey, Dorset</td>
<td>630</td>
</tr>
<tr>
<td>Stoke by Clare</td>
<td>181</td>
</tr>
<tr>
<td>Sturry, Kent</td>
<td>281</td>
</tr>
<tr>
<td>Thaxted</td>
<td>183</td>
</tr>
<tr>
<td>Thrapston, Northants</td>
<td>596</td>
</tr>
<tr>
<td>Warwick, St. Mary's</td>
<td>611</td>
</tr>
<tr>
<td>Wisborough Green, West Sussex</td>
<td>53</td>
</tr>
<tr>
<td>Wootton Waven, Warks</td>
<td>611</td>
</tr>
<tr>
<td>York Minster</td>
<td>514</td>
</tr>
<tr>
<td>York, St. Martin-Le-Grand</td>
<td>514</td>
</tr>
</tbody>
</table>

**Turret Clock Gazetteer** | 645-646

**Turret Clock Group, 1990** | 285

**Turret Clock Making, A Conjectural View**, lecture by Michael Wright | 285

**Turriano, Juanelo**, by García-Diego & Gonzalez Abion, reviewed | 82

**Turvey, Mr., chaser** | 410

**Tyler, E.J.,** | 366

- Book reviews, reports | 83, 90, 210, 260, 542, 638

**The Clocks of St Andrew's Church, Hornchurch, Essex** | 617-619

**Tymperley's Museum**, lecture by Mark Davies | 181

**Tyron, Vice-Admiral Sir George** | 311

**Tyzack, Norton, report** | 181-183

**U**

**Ullmeyer, C., astronomical clock** | 508

**Up-and-Down indicator** | 85, 113, 128, 132, 239

**Upjohn, James** | 389

**Usher, James Ward, collection** | 32

**Usslaub, David** | 510

**V**

**Vacheran-Constantin, watch** | 346

**Vale, Mr.,** | 410

**Vale, John** | 389

**Vale & Rotherham, watch no.6132** | 173

**Valentine & Kirby, chasers** | 410

**Vase automaton** | 385

**Vase clock, anonymous German** | 508

**Vaughan, Denys, report** | 518-519

**Velasca, A. D., cylinder maker** | 410

**Vienna regulator,**

- Fertbauer of Vienna | 2
- Pohl, Anton | 458
- Wibral of Vienna | 342

**Viner of London,** |
<table>
<thead>
<tr>
<th>Term</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>bracket clock</td>
<td>121³⁹⁹</td>
</tr>
<tr>
<td>mantel clock, [stolen]</td>
<td>329³⁹⁹</td>
</tr>
<tr>
<td>mantel clocks</td>
<td>125, 459³⁹⁹</td>
</tr>
<tr>
<td>Vokes of Bath, mantel clock, [stolen]</td>
<td>222³⁹⁹</td>
</tr>
<tr>
<td>Volger, Dirck, Zaanse clock</td>
<td>271-274³⁹⁹</td>
</tr>
<tr>
<td>Volger, Kornelius, clockmaker</td>
<td>272³⁹⁹</td>
</tr>
<tr>
<td>Volk of Brighton, mantel clock, [stolen]</td>
<td>445³⁹⁹</td>
</tr>
<tr>
<td>Vulliamy, Clock Numbering: A Dated Series, by Roger Smith</td>
<td>620-627³⁹⁹</td>
</tr>
<tr>
<td>Vulliamy of London,</td>
<td></td>
</tr>
<tr>
<td>carriage clock no.1608</td>
<td>306³⁹⁹</td>
</tr>
<tr>
<td>clocks to China</td>
<td>52, 380³⁹⁹</td>
</tr>
<tr>
<td>travelling clock no.887</td>
<td>623³⁹⁹</td>
</tr>
<tr>
<td>turret clocks</td>
<td>183, 286³⁹⁹</td>
</tr>
<tr>
<td>wall clock no.1576</td>
<td>624³⁹⁹</td>
</tr>
<tr>
<td>work on Tompion clock</td>
<td>177³⁹⁹</td>
</tr>
<tr>
<td>Vulliamy, Benjamin Lewis, mantel clock no.1595</td>
<td>3³⁹⁹</td>
</tr>
<tr>
<td>letters to Mr. Rentzche</td>
<td>402³⁹⁹</td>
</tr>
<tr>
<td>letter to Mr. Swift</td>
<td>402³⁹⁹</td>
</tr>
<tr>
<td>Vulliamy, Justin</td>
<td></td>
</tr>
<tr>
<td>bracket clock</td>
<td>620³⁹⁹</td>
</tr>
<tr>
<td>longcase clock no.167</td>
<td>622³⁹⁹</td>
</tr>
<tr>
<td>longcase clock no.781</td>
<td>622³⁹⁹</td>
</tr>
<tr>
<td>Vulliamy's workmen, 1799-1814</td>
<td>401-412³⁹⁹</td>
</tr>
<tr>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Wade, Bartholomew, bracket clock, [stolen]</td>
<td>329, 445³⁹⁹</td>
</tr>
<tr>
<td>Wadge, Christopher, Torsion Pendulum Clocks</td>
<td>177³⁹⁹</td>
</tr>
<tr>
<td>Wadsworth, Francis, Some Early 19th Century Workmen</td>
<td>401-412³⁹⁹</td>
</tr>
<tr>
<td>Wagstaff, W., watch no. 1810</td>
<td>44³⁹⁹</td>
</tr>
<tr>
<td>Walder, Thomas, bracket clock</td>
<td>358³⁹⁹</td>
</tr>
<tr>
<td>Wales, History of Clockmaking in, lecture by Alun Davies</td>
<td>518³⁹⁹</td>
</tr>
<tr>
<td>Walker of Liverpool, 1841 patent</td>
<td>172³⁹⁹</td>
</tr>
<tr>
<td>Walker, P., longcase clock, [stolen]</td>
<td>445³⁹⁹</td>
</tr>
<tr>
<td>Walker, R., watch case maker</td>
<td>410³⁹⁹</td>
</tr>
<tr>
<td>Walker, William, bracket clock, [stolen]</td>
<td>445³⁹⁹</td>
</tr>
<tr>
<td>Walkerling, Frederick, chaser</td>
<td>410³⁹⁹</td>
</tr>
<tr>
<td>Wall clock see also wall regulator⁹⁹</td>
<td></td>
</tr>
<tr>
<td>Wall clock,</td>
<td>8³⁹⁹</td>
</tr>
<tr>
<td>anonymous Sägeuhr</td>
<td>103³⁹⁹</td>
</tr>
<tr>
<td>Clemence, J. E., [stolen]</td>
<td>553³⁹⁹</td>
</tr>
<tr>
<td>Dixon of York, [stolen]</td>
<td>514³⁹⁹</td>
</tr>
<tr>
<td>Evans of Birmingham</td>
<td>505³⁹⁹</td>
</tr>
<tr>
<td>Phillip the Good of Burgundy</td>
<td>505³⁹⁹</td>
</tr>
<tr>
<td>Potts of Leeds, [stolen]</td>
<td>553³⁹⁹</td>
</tr>
<tr>
<td>Recordon late Emery, [stolen]</td>
<td>655³⁹⁹</td>
</tr>
<tr>
<td>Savage, G., [stolen]</td>
<td>553³⁹⁹</td>
</tr>
<tr>
<td>Taylor, George</td>
<td>653³⁹⁹</td>
</tr>
<tr>
<td>Vulliamy of London no.1576</td>
<td>624³⁹⁹</td>
</tr>
<tr>
<td>Zaanse clock</td>
<td>271-274³⁹⁹</td>
</tr>
<tr>
<td>Walmesby, Mr., slater</td>
<td>410³⁹⁹</td>
</tr>
<tr>
<td>Walsh, Arthur</td>
<td>73, 78³⁹⁹</td>
</tr>
<tr>
<td>Waltham Watch Co³⁹⁹</td>
<td>635³⁹⁹</td>
</tr>
<tr>
<td>advertisement</td>
<td>637³⁹⁹</td>
</tr>
<tr>
<td>KW-16 watch</td>
<td></td>
</tr>
<tr>
<td>Waltz, Johann Theophilus</td>
<td>510³⁹⁹</td>
</tr>
<tr>
<td>Wan Li, Emperor</td>
<td>51, 369³⁹⁹</td>
</tr>
<tr>
<td>Ward, Mr., case pin seller</td>
<td>410³⁹⁹</td>
</tr>
<tr>
<td>Ward, Benjamin</td>
<td>389³⁹⁹</td>
</tr>
</tbody>
</table>
Cumulative Index for Antiquarian Horology Volumes 10 to 19
Compiled by Edward Powell @ AHS 2006

Ward, Robert 389\textsuperscript{V19}
Ward, Robert, clock maker 410\textsuperscript{V19}
Warden, Holborn 262\textsuperscript{V19}
Waring & Gillow, 'column clock' 49\textsuperscript{V19}
Warren, H. E. 88\textsuperscript{V19}
Washington, Smithsonian Institute 180\textsuperscript{V19}
Waskowki, Gunther von, letter [Loseby chronometers] 216\textsuperscript{V19}

Watch see also chronometer-watch\textsuperscript{V19}

Watch, anonymous, mandolin form 346\textsuperscript{V19}
anonymous, no.1425 44\textsuperscript{V19}
anonymous, Swiss? 246\textsuperscript{V19}
Arnold & Frodsham, no.9377 506\textsuperscript{V19}
Barwise, John, watch no.8184 506\textsuperscript{V19}
Bayly, Joseph 482\textsuperscript{V19}
Better, Sidney 113\textsuperscript{V19}
Boch, Johann 506\textsuperscript{V19}
Breguet of Paris 133, 239\textsuperscript{V19}
Breguet, A. L., montre à tact no.1489 506\textsuperscript{V19}
Breguet, A. L., souscription no.834 506\textsuperscript{V19}
Breguet, A. L., watch no.3292 506\textsuperscript{V19}
British Watch & Clockmaking Company, various 44-46\textsuperscript{V19}
Bronnikov, M.C. 506\textsuperscript{V19}
Bull, Edmund 582\textsuperscript{V19}
Burgess Battery Co 635\textsuperscript{V19}
Carpenter, Samuel 202-206\textsuperscript{V19}
Cartwright, Thomas 360\textsuperscript{V19}
Dennison, Howard & Davis, no.2954 172\textsuperscript{V19}
Dresden Kunstkammer, various 497, 506\textsuperscript{V19}
East, Edward, [stolen] 655\textsuperscript{V19}
Edmonds of Liverpool no.736, [stolen] 223\textsuperscript{V19}
Ellicott, John no.2844 525-530\textsuperscript{V19}
Ellicott, John no.3119 527\textsuperscript{V19}
Ellicott, John, no.4793 506\textsuperscript{V19}
Ellicott, John no.4887 527\textsuperscript{V19}
Emden, Henou 136\textsuperscript{V19}
Emery, Josiah 550\textsuperscript{V19}
Fischer, Johann Benjamin 509\textsuperscript{V19}
Fleury, L’aîné' 113\textsuperscript{V19}
Frauenpreis, Johann 506\textsuperscript{V19}
Frodsham and Nicole Nielsen 481\textsuperscript{V19}
Frodsham of London, no.6109/1134 44\textsuperscript{V19}
Goode, Charles 551\textsuperscript{V19}
Graham, George, no.424 244, 561\textsuperscript{V19}
Gutkaes, Friedrich, 506\textsuperscript{V19}
Gutkaes, Friedrich, no.59 229\textsuperscript{V19}
Habrecht, Daniel 505\textsuperscript{V19}
Harpur, Henry 223, 231\textsuperscript{V19}
Harrison, John, no.13683 61\textsuperscript{V19}
Hawkins, Thomas no.498 611\textsuperscript{V19}
Helsby & Co. no.5210 432\textsuperscript{V19}
Hewinson, Charles, watch no.38659 654\textsuperscript{V19}
Hillius, Martin 505\textsuperscript{V19}
Hornby, G. & Son no.4147 65\textsuperscript{V19}
Hornby, Richard, various 61-67, 318-319\textsuperscript{V19}
Hübner, Fr., 509\textsuperscript{V19}
<table>
<thead>
<tr>
<th>Name</th>
<th>Volume</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hux, James</td>
<td>19</td>
<td>506</td>
</tr>
<tr>
<td>Joly, Jaques</td>
<td>19</td>
<td>506</td>
</tr>
<tr>
<td>Klieber, Ulrich</td>
<td>19</td>
<td>505</td>
</tr>
<tr>
<td>Leech, W. no.1362</td>
<td>19</td>
<td>44</td>
</tr>
<tr>
<td>Leger, L. Fr.</td>
<td>19</td>
<td>506</td>
</tr>
<tr>
<td>Leroux, John</td>
<td>19</td>
<td>360</td>
</tr>
<tr>
<td>LeRoy of Paris</td>
<td>19</td>
<td>506</td>
</tr>
<tr>
<td>LeRoy of Paris, no.4757</td>
<td>19</td>
<td>547</td>
</tr>
<tr>
<td>Litherland, Davis &amp; Co., watch no.17449</td>
<td>19</td>
<td>216</td>
</tr>
<tr>
<td>Margetts, George</td>
<td>19</td>
<td>50</td>
</tr>
<tr>
<td>Massey, Edward</td>
<td>19</td>
<td>171-173</td>
</tr>
<tr>
<td>May, John</td>
<td>19</td>
<td>654</td>
</tr>
<tr>
<td>Mudge, Thomas, nos.317, 318 &amp; 407</td>
<td>19</td>
<td>526</td>
</tr>
<tr>
<td>Mudge &amp; Dutton</td>
<td>19</td>
<td>562</td>
</tr>
<tr>
<td>Murray, James no.544, [stolen]</td>
<td>19</td>
<td>655</td>
</tr>
<tr>
<td>Nicole, Adolphe</td>
<td>19</td>
<td>113</td>
</tr>
<tr>
<td>Northern Goldsmiths Company</td>
<td>19</td>
<td>113</td>
</tr>
<tr>
<td>Norton, Eardley, no.2710</td>
<td>19</td>
<td>506</td>
</tr>
<tr>
<td>Patek Philippe, minute repeating</td>
<td>19</td>
<td>346</td>
</tr>
<tr>
<td>Pelard, Jean</td>
<td>19</td>
<td>506</td>
</tr>
<tr>
<td>Pfäf, Andreas</td>
<td>19</td>
<td>506</td>
</tr>
<tr>
<td>Piguet &amp; Seidel, grand complication</td>
<td>19</td>
<td>509</td>
</tr>
<tr>
<td>Pitkin, H. &amp; J.F., no.164</td>
<td>19</td>
<td>173</td>
</tr>
<tr>
<td>Poestdorffer, Johann</td>
<td>19</td>
<td>509</td>
</tr>
<tr>
<td>Pratt, Derek</td>
<td>19</td>
<td>280</td>
</tr>
<tr>
<td>Price, Edward, no.5918</td>
<td>19</td>
<td>506</td>
</tr>
<tr>
<td>Quare, Daniel, [stolen]</td>
<td>19</td>
<td>655</td>
</tr>
<tr>
<td>Randall, Anthony</td>
<td>19</td>
<td>176</td>
</tr>
<tr>
<td>Recordon, late Emery no.7223</td>
<td>19</td>
<td>453</td>
</tr>
<tr>
<td>Reichel, Tobias</td>
<td>19</td>
<td>509</td>
</tr>
<tr>
<td>Rietter, Cyprianus</td>
<td>19</td>
<td>505</td>
</tr>
<tr>
<td>Robin, Robert, no.5</td>
<td>19</td>
<td>213-214</td>
</tr>
<tr>
<td>Robinson, William</td>
<td>19</td>
<td>608</td>
</tr>
<tr>
<td>Rotherham &amp; Son no.247588</td>
<td>19</td>
<td>598</td>
</tr>
<tr>
<td>Russell, Thomas &amp; Co., no.35452, [stolen]</td>
<td>19</td>
<td>445</td>
</tr>
<tr>
<td>Schumann, Johann Friedrich</td>
<td>19</td>
<td>506</td>
</tr>
<tr>
<td>Seyffert, Johann Heinrich</td>
<td>19</td>
<td>506</td>
</tr>
<tr>
<td>Sharp of Dublin, no.3161</td>
<td>19</td>
<td>44</td>
</tr>
<tr>
<td>Shepherd, John, no.169</td>
<td>19</td>
<td>44</td>
</tr>
<tr>
<td>Stahl, Andreas</td>
<td>19</td>
<td>509</td>
</tr>
<tr>
<td>Thuret, Isaac</td>
<td>19</td>
<td>506</td>
</tr>
<tr>
<td>Tobias, M.I.</td>
<td>19</td>
<td>608</td>
</tr>
<tr>
<td>Vacheran-Constantin</td>
<td>19</td>
<td>346</td>
</tr>
<tr>
<td>Vale &amp; Rotherham, no.6132</td>
<td>19</td>
<td>173</td>
</tr>
<tr>
<td>Wagstaff, W., no.1810</td>
<td>19</td>
<td>44</td>
</tr>
<tr>
<td>Waltham KW-16</td>
<td>19</td>
<td>637</td>
</tr>
<tr>
<td>White, E.</td>
<td>19</td>
<td>113</td>
</tr>
<tr>
<td>White, Joseph</td>
<td>19</td>
<td>176</td>
</tr>
<tr>
<td>Yates of Preston nos.4319 &amp; 5612</td>
<td>19</td>
<td>328</td>
</tr>
</tbody>
</table>

Watch, the 18th Century Development of, lecture by Richard Good

Watchcase maker see also occupations

Watchcase maker, Ellison, T. 64
Fishwick, Henry 59, 64
Jones, Edward 64
Thoms 339
Woodman 20
<table>
<thead>
<tr>
<th>Watchcase maker's marks,</th>
<th>V19</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR</td>
<td>64</td>
</tr>
<tr>
<td>JB</td>
<td>526</td>
</tr>
<tr>
<td>TE/HF</td>
<td>64, 319</td>
</tr>
</tbody>
</table>

Watch club see Clock & Watch Club

Watches in the Ashmolean Museum, lecture by Gerald Taylor

Watches, The Wholesale Trade in the 18th Century, lecture by John Leopold

Watchmakers and finishers for Vulliamy

Watchman's clock see noctuary

Watchpaper, Horny, G. & Son

Water clock

- anonymous medieval illustration
- Chang Yong-shil
- King Hezekiah's
- Su Sung, Emperor, astronomical clock

Waterman, Mr., sculptor

Watkins, Alexander, chronometer escapement

Watkins, Edward, escapement maker

Watson, Samuel, clockmaker

Watt see Boulton & Watt

Weatherhead, Henry, gilder

Weaving, Allen

Clocks For The Emperor

- Clocks for the Emperor, lecture
- Clocks in the Forbidden City, Beijing, lecture

Webster & Son, bracket clock, [stolen]

Weeks, Mr., tortoise-shell case maker

Weeksteed, P., chaser &c.

Wellington, Duke of

Wenham, Mr., watch finisher

Wesley, Mr., Royal Astronomical Society

Westfield, Mr., ruby cylinder maker

Westminster clock

Wheel-cutting engine

Wheeler, Thomas, lantern clock

Whitchcote, Samuel, bracket clock

Whiston, Mr., mathematician

White, G., An Epicyclic Equation Gear Dated 1711

White, Sir George, *English Lantern Clocks*, lecture 391

White, John, *Restoration of a Bracket Clock*, lecture

White, Joseph, watch movement

Whitehead, Thomas

Whitehurst of Derby, noctuary

Whitelaw, James, four-glass mantel clock

Whitestone, Sebastian, [letter British Watch & Clock Co.]

Whitmore see also Ford, Whitmore & Brunton

Whitmore, William, tool maker

- tool catalogue
- tool catalogue

Wibral of Vienna, regulator

Wicksteed, Edward

Wightman, James, longcase clock

Wigston, Mr., noctuary

Wigston, William, skeleton clock no.48

Wilde, F. S.,

Wilding, John, clockmaker
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Wiley, Alexander, longcase clock

Wilkes, Samuel, longcase clock

Wilkins, John, longcase clock 30-31V19

Willey, Mr., enameller 410V19

Williams, Evan, clock maker 410V19

Williamson of London, automaton clock 52V19

Williamson, John, 30-hour clock 608V19

Williamson, Joseph, longcase clock 50V19

Williamson, Timothy, 367, 378-379V19

musical clocks

Willie, Mr., errand man 410V19

Willman, A. 178V19

Willmore, Jac., equation clock 531-538V19

Wills, John, hat maker 410V19

Wills, Peter, The Dynadromic Free Pendulum 395V19

Wilmot, L., report 281V19

Wilmshurst, S., longcase clock 221V19

Wilsdorf, H. 100V19

Wilson, Mr., clock case maker 410V19

Wilson, James, longcase clock 416V19

Wilson, Thomas, skeleton clock 32, 259V19

Windmills, Joseph, bracket clock 583V19

Winnerl, Tadeus, escapement 503V19

Winterton, John, English Grande-Sonnerie Clocks reports 301-308V19

Wisborough Green, West Sussex, turret clock 173, 175, 392, 393, 512, 608V19

Wise, John, longcase clocks 340, 607V19

Wise, M. A., patent 318V19

Wisthoff, Johann, inclined-plane clock 497V19

Woerd, Charles Vander, screw making machine 637V19

Woertz see Hofland and Wolz V19

Wood, James, bracket clock, [stolen] 655V19

Wood, James, dipper & burnisher 410V19

Wood, R., bracket clock, [stolen] 655V19

Wooden watch 506V19

Wood-Heath, David, reports 53, 280V19

Woodman, watch case maker 20V19

Wooton, Samuel, case maker 410V19

Wootton Wawne, Warks, turret clock 611V19

Wordsworth, Captain 377V19

Workmen, Some Early 19th Century, by Francis Wadsworth 401-412V19

Worm pinion 454V19

Worshipful Company of Clockmakers, competition 490, 592V19

Worswick, Thomas, longcase clock 49V19

Wright, Mr., watch case maker 410V19

Wright of London 389V19

Wright's Patent watch 610V19

Wright, Michael, A Conjectural View of Turret Clock Making, lecture 285V19

letter 97V19

Wrist-chronograph see chronograph, wrist V19

Wrist-strap adaptor 549V19

Wrist-watch, The Development of the, lecture by A. D. Harris 278V19

Wrist-watch, earliest 98-99, 221, 646-647V19

Wrist-watch see also chronograph, wrist V19

Wrist-watch V19
Cumulative Index for Antiquarian Horology Volumes 10 to 19 Compiled by Edward Powell @ AHS 2006

Brandt & Frère 646-647V19
Cartier, perpetual calendar 346V19
Girard-Perregaux 317-318V19
Jaeger Le Coultre 228V19
Jürgensen, Urban & Sönner 231V19
Omega 646-647V19
Rolex, lunar/calendar 346V19
Waltham 635V19

Wrist-Watches, Vintage American & European, by S.& R. Erhardt & J. Demsey, reviewed 312-313V19

Yates of Preston, 419V19
  watch no.4319 328V19
  watch no.5612 328V19
Year, Chinese 370V19
Year-going clock see Long-duration, year

Yong-shil, Chang, water clock 117V19
York, AHS visit 514, 609V19
York Minster 514V19
Young, Mr., watch finisher 410V19
Yung Cheng, Emperor 372V19

Z
Zaanse Clock, The Oldest, by E. H. Glasius 271-274V19
Zambra see Negretti & Zambra
Zech, Jacob, table clock 507V19
Zeiler, Johann, Ernst 510V19
Zimmer, I. G., sundial 500, 501V19
Zither clock 506V19
Zoffany, painter 514V19
THE ANTIQUARIAN HOROLOGICAL SOCIETY
(A company limited by guarantee)

Members of Council and Officers as at Summer 1993

President: Professor Arnold Wolfendale, FRS.

Vice-Presidents: C. K. Aked; C. B. DROVER, TD; T. O. ROBINSON.

Members of Council
C. R. P. ALLIX; J. ARNFIELD; C. BIRD; C. J. HURRION (co-opted); M. G. HURST; R. J. LAW; J. H. LEOPOLD; A. E. RIPPINGTON; Mrs. R. SHENTON; M. M. SMITH; A. A. TREHERNE; J. H. F. WADSWORTH; A. H. WEAVING.

Secretary Mrs. M. COLLINS.

Editor Antiquarian Horology: D. VAUGHAN.

Editorial Advisory Panel: C. ALLIX; M. G. HURST; R. J. LAW.

Publications Committee: T. O. ROBINSON; Mrs. R. SHENTON; D. VAUGHAN.

Technical Enquiries Officer: J. H. F. WADSWORTH.

Advertising Agents: A. & P. LAW.

Solicitors: STUART, HURRION and Co, 112 Powis Street, Woolwich, London SE15 6LU.

Auditors: JOHN L. HASTINGS, Suite 1, Iyholme, Station Road, Heathfield, East Sussex TN21 SLB.

Hon. Librarian: A. A. TREHERNE.

SCOTTISH SECTION
Chairman: Dr M. DAREAU. Hon. Secretary: G. CAMPBELL. Hon. Treasurer: I. W. LEMMON.

NORTHERN SECTION
Chairman: J. ARNFIELD. Hon. Secretary: B. PERCIVAL. Hon. Treasurer: P. G. TORRY.

MIDLANDS SECTION
Chairman: P. FALKLAND. Hon. Secretary: T. SIMMS. Hon. Treasurer: D. E. JONES.

EAST ANGLIAN SECTION
Chairman: C. BIRD. Hon. Secretary: R. H. A. MILES. Hon. Treasurer: S. W. WATKINSON.

SOUTH EASTERN SECTION
Chairman: A. WEAVING. Hon. Secretary: D. L. WOOD-HEATH. Hon. Treasurer: K. SORRILL.

SOUTHERN SECTION
Chairman: T. O. ROBINSON. Hon. Secretary: W. K. SHENTON. Hon. Treasurer: D. A. SMITH.

WEST COUNTRY SECTION
Chairman: T. TAYLOR. Hon. Secretary: C. PONSFORD. Hon. Treasurer: G. REDDYHOFF.

ULSTER SECTION
Chairman: Prof C. P. ADAMS. Hon. Secretary & Hon. Treasurer: H. W. M. GILMORE.

IRISH SECTION
Chairman: W. G. STUART. Hon. Secretary: D. BOLES.

AMERICAN SECTION
President: J. W. SHEPRO. Secretary: E. EDWARDS. Treasurer: M. RIMLER.

London Liaison Officer: N. LANGMAID.

DUTCH SECTION
Chairman: J. ZEEMAN. Hon. Secretary: C. HOFLAND. Hon Treasurer: N. PAAP.

CANADIAN SECTION
Chairman: P. ABERNETHY. Hon. Secretary: R. WILSON. Hon. Treasurer: P. BUCKLEY.

TURRET CLOCK GROUP
Chairman: C. G. McKay. Hon. Secretary: M. BUNDOCK. Hon. Treasurer: G. HOLLIS.

ELECTRICAL HOROLOGY GROUP
Chairman: G. GOODSHIP. Hon. Secretary: A. MITCHELL. Hon. Treasurer: J. COWSHILL.

Printed for the A.H.S. by Thanet Printing Works, 81 High Street, Ramsgate, Kent CT11 9UD.
VOLUME TWENTY

PAGINATION OF ISSUES

<table>
<thead>
<tr>
<th>Issue No.</th>
<th>Year</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.1</td>
<td>Spring 1992</td>
<td>1-100</td>
</tr>
<tr>
<td>No.2</td>
<td>Summer 1992</td>
<td>101-192</td>
</tr>
<tr>
<td>No.3</td>
<td>Autumn 1992</td>
<td>193-292</td>
</tr>
<tr>
<td>No.4</td>
<td>Winter 1992</td>
<td>293-384</td>
</tr>
<tr>
<td>No.5</td>
<td>Spring 1993</td>
<td>385-476</td>
</tr>
<tr>
<td>No.6</td>
<td>Summer 1993</td>
<td>477-568</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>569-594</td>
</tr>
</tbody>
</table>
VOLUME TWENTY

ANTIQUARIAN HOROLOGY
and the proceedings of the ANQUAUAN HOROLOGICAL SOCIETY

Issued Quarterly to Members

Editors: David Penney & Denys Vaughan

LIST OF ARTICLES

Clock and Watchmaking in Leicestershire and Rutland 16801900 By P. A. Hewett
A Visit to Vuilliamy's Premises on 7th September, 1786 Beresford Hutchinson
'A Visit to the Clock Factory of Messrs John Moore and Sons, Clerkenwell Close, London' Introduction by Dennis Harris
The Accuracy of the Foliot By W. Houtkooper (translation by E. J. Tyler)
Isaac Newton's Sundials By Allan A. Mills
Shedding Light on the Longcase 'White Dial' By John Ballinger
Harry Callowle: A Sequel By Guy Boney, Q.C.
Perrault's Hydraulic Clock By Charles K. Aked
Berthoud in England, Harrison in France: The Transmission of Horological Knowledge in 18th Century Europe By A. J. Turner

American Section London Tour, Part One By Paul Middents
Starting up a Watchmaking Business: James Ritchie of Edinburgh, 18091812 By Alun C. Davies
What's Wrong with Hardy's Escapement?: A ReAppraisal By Christopher Wood
The Fascination of a Free Pendulum
The Case of William Jaques (William Jaques, CC, Watch Case Maker) By J. A. Neale
American Section London Tour, May 15th, 21st, 1991 (Concluded) By Paul Middents
Paul Garnier Revisited By Charles Allix
Some Notes on the Medieval Clock in Salisbury Cathedral By Michael Maltin
John Smith, Pittenweem, 17701814, Part 2 By Felix Hudson
Precise Ratio Epicyclic Gears by Onesiphore Pecquer By G. White
The Coventry Watch Movement Manufacturing Company Limited By D. H. Bacon
Clockmaking in York: An Overview By John R. M. Setchell
Paul Garnier's Engine Counter By Christopher Hurriion
The Two Clocks in Orleton Parish Church By Graham B. Hodgetts
INDEX TO VOLUME TWENTY
Compiled by David Thompson
Page numbers in bold type denote an illustration

A

Achurch, William, watch-case maker 341
Acland, Commander Charles Dyke 398, 496
Act of Parliament clock see Wall clock [tavern clock]
Adams, H., Coventry Watch Movement Manufacturing Co. debtor 518
Adams, J., Coventry Watch Movement Manufacturing Co. debtor 518
Adams, of Cape of Good Hope, watchmaker 318
Adams, Prof. Philip, The Equation of Time, lecture 431
Photographing Clocks and Watches, lecture 60
report 431
What's In Sundials, lecture 61
Adkins & Son, Coventry Watch Movement Manufacturing Co. debtor 518
Agar, family, clockmakers 536
Agar, John, bracket clock 537
Aird & Thomson, regulator 1866 18
Airy, G. B., detached escapement 356
Airy, G. B. The Pit and the Pendulums, lecture by Dr. A. Chapman 144-145
Aked, Charles, AHS questionnaire results analysed 324-325
book reviews 170, 364,459
Perrault's Hydraulic Clock 161-168
Alarm, Allam of London 259
Bell, Benjamin, bracket clock 16
Bushman, John, bracket clock 476
Fattorini of Bradford 244
Gamier, Paul, carriage clock 385, 414
Halsey, George, bracket clock 388
Johnson, William, bracket clock 306
Quare, Daniel, watch No.4193 347
Windmills of London, bracket clock 217-218
Windmills, Thomas, watch No.7303 347
Alarm attachment, Brown of Northampton 149
Hill, William, junior 149
Alcock, Edward, clockmaker 34
Alexander, S., Coventry Watch Movement Manufacturing Co. debtor 518
Alexander, W., bracket clock, stolen 279
Alimari, Dorotheo 221
Allam & Caithness, bracket clock, stolen 88
Allam of London, alarm clock 259
Allam, William, bracket clock 6
Allen, A. F., letter [Boden, John, clock-case maker] 465
Allix, Charles, obituary of Vaudrey Mercer 500
letter [Poole, Gould & Harrison] 177
Paul Garnier Revisited 411-425
Amy of London ?, William Jaques debtor 345
Anderson, Susan, Aspects of Gemology and Jewellery, lecture 330
Andrews, Mr., Coventry Watch Movement Manufacturing Co. debtor 518
Andrews of London ?, William Jaques debtor 345
Anfield see Darling & Anfield
Antiquarian Horological Society, American Section, AGM, 1992 432
American Section, AGM, 1992 432
Canadian Section, AGM, 1992 432
Council report 326
Dutch Section, AGM 528
Electrical Horology Group, AGM 1991 62
Electrical Horology Group, AGM 1992 433
Electrical Horology Group, EGM 332
Irish Section, AGM 1991 61
Midlands Section, AGM 1991 58
Midlands Section, AGM 1992 428
Northern Section, AGM 1992 144
Northern Section, AGM 1993 523
recruitment 141
Southern Section, AGM 1992 330
Turret Clock Group, AGM 1992 333
Ulster Section, AGM 1992 331
West Country Section, AGM 1991 59
West Country Section, AGM 1992 429

Antiquarian Horological Society, American Section, London Tour,
Antique British Clocks, A Buyer's Guide, by Brian Loomes, reviewed 551
Antram, Joseph, watch 345
Apostle clock 29
Arenburg, Count 222
Armagh Observatory, AHS visit 60
Armagh Observatory, Its History, Clocks and Instruments, lecture by William Stuart 60
Arnfield, J., A Reid & Auld Regulator & A Speaking Clock, lecture 243
Arnold, John, watch-case maker 535
Arnold, John Roger, balance, 'OZ type 398, 496
Arnold, John Roger, balance, 'Z' type 480
Arnold, John Roger, pocket chronometer No.43? 490
Arnold, John Roger and Breguet, Abraham Louis, pocket chronometer NQ. 11 239
Ashton of Ashburn, longcase clock, stolen 89
Ashwell, Joseph, longcase clock 37, 38
Ashwell, Josiah, lantern clock 34
Aspreys of London, AHS visit 358
Aston cross, Birmingham, clock 125
Astrolabe, Tompion, Thomas, longcase clock 360
Astronomer Royal, Wolfendale, Professor
Arnold, FRS 519
Astronomical clock, Garnier, Paul 414
Astronomical clock, Jenkins, Henry 314
Astronomical clock, Stollewerck, Michel 142
Astronomical clock, Tiffany & Co., table clock 495
Atkins see also Brockbanks & Atkins
Atkins, J., Coventry Watch Movement Manufacturing Co. debtor 518

Aubert, Jean 232

Audemars Piguet, lecture by Grahame Brooks 242-243

Audoun, William, bracket clock, stolen 558

Auld see Reid & Auld

Automaton, anonymous Apostle clock 29

Baveux Frères, carriage clock with singing bird 213

Merlin, Joseph, mechanical swan 241

Rimbault, Stephen, clock 149

Avignon clock 143

Ayscough, family 126, 128

Ayscough, Hanna 126

Babbage, William, difference engine 258

Babington, Humphrey 128

Bach, Henri, obituary 28

Bachelard of Paris, regulator 203

Bacon, D. H., letter English factory-made watches) 466

Baddy, Benjamin 87

Baghyn, Adriaan d’, longcase clock, stolen 280

Bailey & Co., turret clocks 248, 333

Bailey, W. H. & Co. 87

Bailon of Paris, bracket clock, stolen 280

Bain, Alexander, electric clock 256

Baker, Henry, longcase clock 42

Baker, P. H. J., letter [Lepine calibre watches] 369

Baker, Paul, Early Lancashire Fusee Engines, lecture 523

Balance, Arnold 'OZ' type 398,

Arnold 'Z' type 480

Baldwin, Chris, Clocks in India, lecture 58-59

Bales, H., Coventry Watch Movement Manufacturing Co. debtor 518

Ball, Black & Co, carriage clock, stolen 183

Ballinger, John, Shedding Light on the Longcase 'White Dial' 154-155

Bancroft of Derby 54

Banger see Tompion & Banger

Bannister & Son, bracket clock, stolen 467

Barber, Benjamin, bracket clock 296

Barber, Cattle & North 539

Barber, Jonas, longcase clock 241

Barlow, George, skeleton clock 302

Barnard Castle, Bowes Museum 241, 328, 522

Barnsdale of London, dial clock, stolen 468

Barocci, clockmakers of Urbino 77, 80

Barometer, anonymous 308

Graham, George 149

Gugeri & Belotti, stolen 88

Huggins of Colchester 560

Quare, Daniel, pillar type 149

Somalvico, Joseph 560

Somalvico of London 292

Tiffany & Co., table clock 495
Vulliamy, Justin 122
Barr Typewriter Corporation 247
Barraud & Lund, carriage clock, stolen 558
Barraud of London, chronometer No.325 427
pocket chronometer No.159 490
pocket chronometer No.290 177
watch No.178 490
Barrel, twin 98
Barrington, Urion, William Jaques debtor 345
Barwise of Cockermouth, longcase clock, stolen 467
Barwise of London, pocket chronometer No.159 490
pocket chronometer No.290 177
watch No.178 490
Barwise of London, bracket clock, stolen 372
regulator, 1803 383
Bassingthorpe, Lincolnshire, sundial 136
Bateman, D. A., Precision Timekeeping, lecture [report on NAWCC Cleveland Seminar] 529
Bates of Leicester, lantern clock 54
Bates, William, lantern clock 34
Baud & Son, Coventry Watch Movement Manufacturing Co. debtor 518
Bauerle, Jacob 146
Baveux Frères, carriage clock 213
Baxter, see Grimshaw & Baxter
Beauchamp of London (?), William Jaques debtor 345
Beck of Barton 52
Becker, Gustav, wall clock, stolen 89
Bedini, Silvio, The Pulse of Time, reviewed 457-459
Beesley, E. S., Coventry Watch Movement Manufacturing Co. debtor 518
Beeston, Coventry Watch Movement Manufacturing Co. debtor 518
Bell, Benjamin, bracket clock 16
Bell, Mr 52
Bellenor of Paris, mantel clock, stolen 372
Bellfounders, Mears of Whitechapel 70
Belmont, Henry-Louis, collection 364
Belmont House, Kent 356, 410
Bebe, Reginald 284
Belotti, see Gugeri & Belotti
Bennett & Clench, watch, stolen 468
Bennett, Thomas, William Jaques debtor 344
Benson, J. W., watch No.34003, stolen 89
Berain, Jean 346
Berridge, John, regulator 149
Berthoud, Ferdinand, cartel clock, stolen 279
marine chronometer No. XXVIII 381
portrait 227
regulator 142
watch No.417 193, 226
Berthoud, Louis, table regulator 359
Best, Thomas, bracket clock 288
Betts, Jonathan 359
letter [GMT] 82
Betts, Samuel, bracket clock 149
Biggs, Richard, watch, stolen 468
Bilbies of Chewstoke, lecture by Roy Rice 527
Bilbie, Thomas, turret clock 526
Billington, Everard, longcase clock 42
Binade clock Tobias, Morris 244
Bird, Clifford, report 141
Bird, D. J., Electric Master Clocks, lecture 523
Bird, William, 43
  longcase clock
  watch No.303 55
Birmingham, Aston cross clock 125
Birtles, John 42
Bishop of Maidstone, longcase clock 12
Bitchfield, Lincolnshire, sundial 136
Black Forest Clocks, by Rick Ortenburger, reviewed 76-77
Black, see Ball, Black & Co.
Blackburn of Oakham, longcase clock, stolen 372
Blackburn, Stephen, longcase clock No.1058 43
Blakey, William 222
Bland see Gillett & Bland
Blandford, Abraham 87
Blandford, Charles 87
Blew, William, watch, stolen 468
Blick see Gent & Blick
Blists Hill Museum, turret clocks 248
Blondeau of Paris, table regulator 9
Boden, John, clock-case maker 465
Boerhaave, The Netherlands 222
Boerhaave Museum, Regulators in, lecture by Rob van Gent 61
Boizot, modeller of Paris 143
Boles, David, 19th Century French Mantel Clocks, lecture 432
Boley, William, watch 55
Bolton, Edwin, engineer 513
Bond, William & Son, lecture by Alun Davies 431
Bond, William Cranch, marine chronometer 431
Boney, Guy, Harry Callowe: A Sequel 156-160
Bonneval, Count 222
Bonniksen, watchmaker 514
Bonnington & Thorpe, bracket clock, stolen 558
Boothby Pagnell, Lincolnshire, sundials 135
Borrell of London, mantel clock 480
Bott of Melbourne 46
Bouffler, Le of London, dial clock stolen’ 182
Bouille see also Marquetry case
Bouille, Andre’ Charles 142, 328
Boulton, Matthew 56, 430
Bouquet, Solomon, William Jaques debtor 341, 344
Bowes, John 241
Bowes Museum, Clocks in, lecture by Sarah Medlam 241
Bowman of London, watch No.6177 444
Boyd, Gavin, Sir William Chambers and the King’s Clock, lecture 430
Boyfield of Melton Mowbray 46
Boyfield, Richard, longcase clock 42
Boynton, sharpening machine 506
Brace, Thomas 51
Bracket clock see also Table clock & Travelling clock
Bracket clock
  Agar, John 537
  Alexander, W., stolen 279
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allam &amp; Caithness</td>
<td>stolen</td>
<td>88 V20</td>
</tr>
<tr>
<td>Allam, William</td>
<td></td>
<td>6 V20</td>
</tr>
<tr>
<td>Anonymous, Dutch striking</td>
<td></td>
<td>24 V20</td>
</tr>
<tr>
<td>Arnold &amp; Dent</td>
<td></td>
<td>20 V20</td>
</tr>
<tr>
<td>Audouin, William</td>
<td>stolen</td>
<td>558 V20</td>
</tr>
<tr>
<td>Baillon of Paris</td>
<td>stolen</td>
<td>280 V20</td>
</tr>
<tr>
<td>Bannister &amp; Son</td>
<td>stolen</td>
<td>467 V20</td>
</tr>
<tr>
<td>Barber, Benjamin</td>
<td></td>
<td>296 V20</td>
</tr>
<tr>
<td>Barwise of London</td>
<td>stolen</td>
<td>372 V20</td>
</tr>
<tr>
<td>Bell, Benjamin</td>
<td></td>
<td>16 V20</td>
</tr>
<tr>
<td>Betts, Samuel</td>
<td></td>
<td>149 V20</td>
</tr>
<tr>
<td>Bonnington &amp; Thorpe</td>
<td>stolen</td>
<td>558 V20</td>
</tr>
<tr>
<td>Brett, Thomas, stolen</td>
<td></td>
<td>88 V20</td>
</tr>
<tr>
<td>Brewer, John</td>
<td></td>
<td>259 V20</td>
</tr>
<tr>
<td>Brockbanks &amp; Atkins</td>
<td>stolen</td>
<td>558 V20</td>
</tr>
<tr>
<td>Bullock, Edmund</td>
<td>stolen</td>
<td>183 V20</td>
</tr>
<tr>
<td>Bushman, John</td>
<td></td>
<td>192 V20</td>
</tr>
<tr>
<td>Bushman, John, grande-sonnerie</td>
<td></td>
<td>476 V20</td>
</tr>
<tr>
<td>Callow, Harry</td>
<td></td>
<td>156 V20</td>
</tr>
<tr>
<td>Carpenter, William</td>
<td></td>
<td>3 V20</td>
</tr>
<tr>
<td>Carter &amp; Sons, stolen</td>
<td>and recovered</td>
<td>467 V20</td>
</tr>
<tr>
<td>Colston, Richard</td>
<td></td>
<td>149 V20</td>
</tr>
<tr>
<td>Copeland of London</td>
<td>stolen</td>
<td>280 V20</td>
</tr>
<tr>
<td>Cowan, James, stolen</td>
<td>and recovered</td>
<td>467 V20</td>
</tr>
<tr>
<td>Crouch, William</td>
<td>stolen</td>
<td>373 V20</td>
</tr>
<tr>
<td>DeCharmes, Simon</td>
<td>stolen</td>
<td>183 V20</td>
</tr>
<tr>
<td>Dee, William</td>
<td></td>
<td>288 V20</td>
</tr>
<tr>
<td>Delafosse, Samuel</td>
<td></td>
<td>179 V20</td>
</tr>
<tr>
<td>Delander, Daniel</td>
<td>stolen</td>
<td>467 V20</td>
</tr>
<tr>
<td>Dewe, John, stolen</td>
<td></td>
<td>280, 372 V20</td>
</tr>
<tr>
<td>Drabble, Joshua</td>
<td></td>
<td>5 V20</td>
</tr>
<tr>
<td>Duchesne, Claudius</td>
<td></td>
<td>356 V20</td>
</tr>
<tr>
<td>Dunlop, Conyers</td>
<td>stolen</td>
<td>558 V20</td>
</tr>
<tr>
<td>Dupont of London</td>
<td>stolen</td>
<td>90 V20</td>
</tr>
<tr>
<td>Ellicott, John, musical</td>
<td></td>
<td>105 V20</td>
</tr>
<tr>
<td>Ellicott, John, stolen</td>
<td></td>
<td>467 V20</td>
</tr>
<tr>
<td>Ellicott, John, walnut</td>
<td></td>
<td>497 V20</td>
</tr>
<tr>
<td>Ellicott of London, musical</td>
<td></td>
<td>10 V20</td>
</tr>
<tr>
<td>Flashman, George</td>
<td></td>
<td>474 V20</td>
</tr>
<tr>
<td>Goode, Charles, stolen</td>
<td></td>
<td>88 V20</td>
</tr>
<tr>
<td>Graham, George</td>
<td></td>
<td>13 V20</td>
</tr>
<tr>
<td>Grant of London</td>
<td>stolen</td>
<td>89 V20</td>
</tr>
<tr>
<td>Gray &amp; Vulliamy</td>
<td></td>
<td>199 V20</td>
</tr>
<tr>
<td>Gray, Benjamin</td>
<td></td>
<td>149 V20</td>
</tr>
<tr>
<td>Greene, E. D. M., stolen</td>
<td></td>
<td>558 V20</td>
</tr>
<tr>
<td>Grignon, Thomas</td>
<td>stolen</td>
<td>88 V20</td>
</tr>
<tr>
<td>Grimalde &amp; Johnson No.431</td>
<td></td>
<td>22 V20</td>
</tr>
<tr>
<td>Halsey, George</td>
<td></td>
<td>388 V20</td>
</tr>
<tr>
<td>Halstead, Charles</td>
<td>stolen</td>
<td>88 V20</td>
</tr>
<tr>
<td>Harper, Hen</td>
<td></td>
<td>150 V20</td>
</tr>
<tr>
<td>Harrison, William</td>
<td>stolen</td>
<td>467 V20</td>
</tr>
<tr>
<td>Hedge of Colchester</td>
<td></td>
<td>88 V20</td>
</tr>
<tr>
<td>Hewitt, S., stolen</td>
<td></td>
<td>90 V20</td>
</tr>
<tr>
<td>Higgs &amp; Evans, stolen</td>
<td></td>
<td>468 V20</td>
</tr>
<tr>
<td>Hilliard, Denis</td>
<td>stolen</td>
<td>88 V20</td>
</tr>
<tr>
<td>Hindley, Henry</td>
<td></td>
<td>538 V20</td>
</tr>
<tr>
<td>Name</td>
<td>Reference</td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------------------</td>
<td></td>
</tr>
<tr>
<td>Hodges, Nathaniel</td>
<td>stolen 88</td>
<td></td>
</tr>
<tr>
<td>Holmes, John</td>
<td>492</td>
<td></td>
</tr>
<tr>
<td>Holst, Hans</td>
<td>479</td>
<td></td>
</tr>
<tr>
<td>Horseman, Stephen</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Ireland, John</td>
<td>stolen 558</td>
<td></td>
</tr>
<tr>
<td>Jackson, J.,</td>
<td>stolen 373</td>
<td></td>
</tr>
<tr>
<td>Jenners, J. C.</td>
<td>stolen 280</td>
<td></td>
</tr>
<tr>
<td>Johnson of London</td>
<td>stolen 89</td>
<td></td>
</tr>
<tr>
<td>Johnson, William</td>
<td>306</td>
<td></td>
</tr>
<tr>
<td>Jones, Henry</td>
<td>259</td>
<td></td>
</tr>
<tr>
<td>Kirk, William</td>
<td>stolen 183</td>
<td></td>
</tr>
<tr>
<td>Knibb, John, Roman striking</td>
<td>259</td>
<td></td>
</tr>
<tr>
<td>Knibb, John, walnut</td>
<td>568</td>
<td></td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>Loundes, Jonathan</td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>Margetts, George</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>Markes, William</td>
<td>stolen 373</td>
<td></td>
</tr>
<tr>
<td>Marsh, H.,</td>
<td>stolen 467</td>
<td></td>
</tr>
<tr>
<td>Massy, Jacob</td>
<td>494</td>
<td></td>
</tr>
<tr>
<td>Mawley, Robert</td>
<td>149</td>
<td></td>
</tr>
<tr>
<td>Milward of Hammersmith,</td>
<td>stolen 183</td>
<td></td>
</tr>
<tr>
<td>Molyns, Charles,</td>
<td>stolen 372</td>
<td></td>
</tr>
<tr>
<td>Mudge &amp; Dutton</td>
<td>358</td>
<td></td>
</tr>
<tr>
<td>Newton, James</td>
<td>241</td>
<td></td>
</tr>
<tr>
<td>Nichols, Henry</td>
<td>stolen 280, 468</td>
<td></td>
</tr>
<tr>
<td>Norris, Joseph</td>
<td>380</td>
<td></td>
</tr>
<tr>
<td>Norton, Eardley, No. 1787</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Norton, Samuel</td>
<td>stolen 88</td>
<td></td>
</tr>
<tr>
<td>Pryor, Joseph</td>
<td>358</td>
<td></td>
</tr>
<tr>
<td>Purvis of London</td>
<td>stolen 467</td>
<td></td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td>358</td>
<td></td>
</tr>
<tr>
<td>Quare, Daniel, ebony veneered, stolen</td>
<td>467</td>
<td></td>
</tr>
<tr>
<td>Quare, Daniel, keyhole type</td>
<td>358</td>
<td></td>
</tr>
<tr>
<td>Quare, Dam red japanned, stolen</td>
<td>467</td>
<td></td>
</tr>
<tr>
<td>Quare, Daniel, signed, 'Joseph Pryor'</td>
<td>358</td>
<td></td>
</tr>
<tr>
<td>Rayment, Richard</td>
<td>stolen 88</td>
<td></td>
</tr>
<tr>
<td>Rimbault, Stephen</td>
<td>149</td>
<td></td>
</tr>
<tr>
<td>Rimbault Stephen,</td>
<td>stolen 467</td>
<td></td>
</tr>
<tr>
<td>Roskell, Robert</td>
<td>stolen 467</td>
<td></td>
</tr>
<tr>
<td>Scaguller, Stephano</td>
<td>stolen 90</td>
<td></td>
</tr>
<tr>
<td>Sharpe, William</td>
<td>179</td>
<td></td>
</tr>
<tr>
<td>Sheply, John</td>
<td>149</td>
<td></td>
</tr>
<tr>
<td>Silvester &amp; Emier</td>
<td>stolen 90</td>
<td></td>
</tr>
<tr>
<td>Simpson of Soho</td>
<td>stolen 183</td>
<td></td>
</tr>
<tr>
<td>Smith &amp; Upjohn</td>
<td>stolen 183</td>
<td></td>
</tr>
<tr>
<td>Speakman, William No.1782</td>
<td>stolen 182</td>
<td></td>
</tr>
<tr>
<td>Street, Richard</td>
<td>stolen 183</td>
<td></td>
</tr>
<tr>
<td>Thomas, Richard</td>
<td>stolen 90</td>
<td></td>
</tr>
<tr>
<td>Thorpe, J.,</td>
<td>stolen 468</td>
<td></td>
</tr>
<tr>
<td>Thwaites of London</td>
<td>stolen 88</td>
<td></td>
</tr>
<tr>
<td>Tomlin of London</td>
<td>stolen 467</td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas, No.212</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas, No.217</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas, No.222.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas, No.226</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Tompion, Thomas, No.376 or 367 259
Townsend of London 560
Visbach, Pieter, stolen 372
Vulliamy, B.L. No.761 278
Vulliamy of London No.564, stolen 280
Walder, Thomas 486
Walker, Thomas 149
Warwick, Robert George, 1961, stolen 373
Washbourne, G., stolen 183
Webster of London, stolen 182
Weeks of London, stolen 467
Wheeler, Thomas, stolen 183
Whittingham, Edward, stolen 183
Wickes, Jonathan, stolen 183
Wild, James, stolen 183
Williams, William, stolen 558
Windmills of London, marquetry case 288
Windmills of London 217-218
Wood, Thomas James 401
Wrapson, James, stolen 467
Wilson & Sons, stolen 467
Bradford, Thomas, longcase clock, stolen 183
Bradley, Langley, William Jaques debtor 344
Brändl of Vienna, regulator 386
Bras-en-L’air clock, anonymous 93-295
Breguet see also Arnold/Breguet
Breguet, Abraham Louis, pocket chronometer No.2247 209
regulator, double pendulum 361
watch No. 27 237
Breguet of Paris,
carriage clock, retailed by Thomas Cole 196
mantel clock 104
watch, ‘montre a tact’ 209
Brent, A. van de, turret clock 74, 125
Brett, Thomas, bracket clock, stolen 88
Brewer, John, bracket clock 259
Brient of Hertford, turret clock 248
Brill, S. J. on the dial of a stolen carriage clock 558
Brisbane, Sir Thomas 315
Bristol clockmakers 86
Britannia Act, The 348-355
British Clocks Illustrated, by Brian Loomes, reviewed 363-364
British Horological Institute, Upton Hall, AHS visit 244
British Museum see London
Brock, James, regulator No.1209 307
Brockbanks & Atkins, bracket clock, stolen 558
Broderick, Alan, letter [verge and foliot] 175-176
Brodie, Francis, Horological Surface Finishes and their Presentation, lecture 245
Brodin, Nicholas, mantel clock (religieuse) 332
Brook see Gledhill-Brook
Brooks, Grahame, Audemars Piguet, lecture 242-243
Brothers, J., Coventry Watch Movement Manufacturing Co. debtor 518
Brown and Sharpe, milling machine 506
Brown, Charles 510-513
Brown, Helen,
Brown, J., Coventry Watch Movement Manufacturing Co. debtor 518V20
Brown, James, lantern clock 54V20
Brown, Michael, Making a New Striking Rack, lecture 431V20
Brown of Coventry, watchmaker 506V20
Brown of Northampton, alarm attachment for a watch 149V20
Brown, T, Coventry Watch Movement Manufacturing Co., debtor 518V20
Brown, William, pinion maker 506V20
Brown, William, watch No. 7651 55V20
Brunner of Birmingham, dial clock, stolen 558V20
Brussels miniature 258V20
Buckingham Palace V20
AHS visit 361V20
Vulliamy pedestal clock, 1V20
weather vane by Vulliamy 67-68V20
Bukingham of London? watch, differential dial 567V20
Bull, Simon, obituary of Eugene, Gschwind 216V20
Burrough, William, clockmaker 33V20
Burrow see Burrough V20
Burton, D., Electric Clock Systems of London Underground, lecture 433V20
Burton, Stanley, obituary 124V20
Bury St Edmunds, V20
Gershom Parkington Collection 216, 347V20
clocks stolen 88V20
Manor House Museum, new exhibition 409V20
Bushman, John, bracket clock, 192V20
bracket clock, grande-sonnerie 476V20
watches Nos. 189, 234, 251, 623 and 5-minute repeater 350V20
Butler, S., for Carter, watch, stolen 468V20
Butterfly clock 83V20
Caithness see Allam & Caithness V20
Cajetano, David a San, epicyclic gears 446V20
Calendar, V20
Blondeau of Paris, table regulator 9V20
Bushman, John, bracket clock 476V20
Garnier, Paul, carriage clock 385, 414V20
Goddard, Isaac, longcase clock 399V20
Horseman, Stephen, bracket clock 4V20
Jump of London, carriage clock 481V20
Calendar, V20
Lepaute, H. & J. J., table regulator 303V20
Pace, John, skeleton clock 493V20
Schmit of Paris, skeleton clock 111
Walder, Thomas, bracket clock 486
Calendar, perpetual 205
Jump of London, carriage clock 15
Patek Philippe & Co chronograph No.197756 495
Tiffany & Co., table clock 148
Tom p ion, Thomas, Williamsburg clock 156-160
Callowe, Harry: A Sequel, by Guy Boney 156
Callowe, Harry, bracket clock 156
Cambridge, Fitzwilliam Museum 347
'AHS visit 360
Cambridge, Observatory, Hardy regulator 315
Cambridge, Queen’s College, sundial 139
Camerer Kuss &Co. 146
Cameron of Liverpool, watch Nos. 2248 & 9575 444
Campani, Giuseppe, 458
Campani of Rome, night clock, stolen 88
Cambell, G., report 428, 522
Camus, Charles Etienne 226
Cape of Good Hope observatory 179, 278
Hardy regulator 315
Cardinal, Gordon 360
Carlton Smith, John, AHS visit 358-359
Carnfunnock, Co. Antrim, sundials 430
Caron of Paris 327
Carpenter, William, bracket clock 3
table regulator 566
Carriage Clock Repair, lecture by Ian May 246
Carriage clock 3
anonymous, grand sonnerie, No.5327, stolen 89
anonymous, No.2068, stolen 558
anonymous, No.4634, stolen 89
anonymous, with porcelain panels, stolen 89
Ball, Black & Co., stolen 183
Barraud & Lund, stolen 558
Baveux Frères 213
Cole, Thomas, No.1491 196
Cole, Thomas, stolen 558
CV No.24430, stolen 89
Dent of London No.1458, stolen 88
Drocourt of Paris? 392
Drocourt of Paris?, stolen 183
Dumas, A. 103
Gamier, Paul 385
Gamier, Paul, No.491 415
Garnier, Paul, Nos. 349 and 2706 419-420
Garnier, Paul, No.2706 421
Gamier, Paul, various Nos. 413-425
Gordon, M., stolen 89
Hunt & Roskell, No.12782, stolen 373
Jacot, Henri, stolen 558
Jump of London 482
Jump of London, 1897 205
Le Roy et Fils No.8553, stolen 89
Vulliamy of London 259
White, E., stolen 467\textsuperscript{V20}
Carter & Sons, bracket clock, stolen and recovered 467\textsuperscript{V20}
Carter, Christopher, lantern clock 40, 54\textsuperscript{V20}
Carter see Dwerrhouse & Carter \textsuperscript{V20}
Cattle see Barber Cattle & North \textsuperscript{V20}
Centre-seconds, \textsuperscript{V20}
Barlow, George, skeleton clock 302\textsuperscript{V20}
Blondeau of Paris, table regulator 9\textsuperscript{V20}
Carpenter, William, bracket clock 3\textsuperscript{V20}
Glückstein, Anton', Vienna regulator 102\textsuperscript{V20}
Lepaute, H. & J. J., table regulator 303\textsuperscript{V20}
Mottram, John, mantel clock 297\textsuperscript{V20}
Oudin, Charles, table regulator 109\textsuperscript{V20}
Patek Philippe & Co Chronograph No.197756 15\textsuperscript{V20}
Patek Philippe & Co, wrist-chronograph 19\textsuperscript{V20}
Regnault of Paris, table regulator 208\textsuperscript{V20}
Robin Fils of Paris, table regulator 11\textsuperscript{V20}
Schmit of Paris, skeleton clock 111\textsuperscript{V20}
Cetti, Joseph & Son, watch No.2777 87\textsuperscript{V20}
CH, watch-case maker 516\textsuperscript{V20}
Chabert, Marquis de 235\textsuperscript{V20}
Chalice dial see sundial 139\textsuperscript{V20}
Chalmers, William 267\textsuperscript{V20}
Chamberlain & Hookham 514\textsuperscript{V20}
Chamberlain, Henry, engineer 506, 507, 510, 513\textsuperscript{V20}
Chamberlain, Nathaniel, watch 345\textsuperscript{V20}
Chamberlain, Thomas, William Jaques debtor 344\textsuperscript{V20}
Chamberlaine, Nathaniel & Thomas, longcase clock, stolen 183\textsuperscript{V20}
Chambers, Jonathan, wall clock 358\textsuperscript{V20}
Chambers, Sir William and the King's Clock, lecture by Gavin Boyd 430\textsuperscript{V20}
Chapelle, Ken, report 57\textsuperscript{V20}
Chapiro, Prof., Adolphe, 18th Century French Watches, lecture 326-327\textsuperscript{V20}
Chapman, Alan Dr., G. B. Airy, 'The Pit and the Pendulums', lecture 144-145\textsuperscript{V20}
Chastenet, Hydrographer 381\textsuperscript{V20}
Chatelaine watch, Wighrwick & Moss No.2776, stolen 372\textsuperscript{V20}
Chater, James 87\textsuperscript{V20}
Chatham, Peter, A Collection of Watches, lecture 329\textsuperscript{V20}
Chattaway, H. W., architect. 505\textsuperscript{V20}
Chavell, George, William Jaques debtor 345\textsuperscript{V20}
Cheasbrough, Aaron, longcase clock 1689 363\textsuperscript{V20}
Chiming machine for turret clocks 73\textsuperscript{V20}
Chiming, quarter, \textsuperscript{V20}
\hspace{1cm} Norton, Eardley, bracket clock No.1787 118\textsuperscript{V20}
\hspace{1cm} Williamson, John, longcase clock 363\textsuperscript{V20}
Chinese duplex escapement 329\textsuperscript{V20}
Chinn, B. S., Coventry Watch Movement Manufacturing Co. debtor 518\textsuperscript{V20}
Choiseul, Duc de 226\textsuperscript{V20}
Christie's Auction House, AHS visits 57, 358, 522\textsuperscript{V20}
Chronograph, \textsuperscript{V20}
\hspace{1cm} Audemars Piguet 242\textsuperscript{V20}
\hspace{1cm} Frodsham, Charles No.06219 ADfmsz, stolen 468\textsuperscript{V20}
\hspace{1cm} Patek Philippe & co. No.197756? 15\textsuperscript{V20}
\hspace{1cm} Smith, S. & Sons No.1900-S 397\textsuperscript{V20}
Chronograph, wrist, Patek Philippe & Co 19\textsuperscript{V20}
Chronometer, \textsuperscript{V20}
\hspace{1cm} Barraud of London No.325 427\textsuperscript{V20}
Chronometer, marine
Arnold, John Nos. 14, 82 & 176 331
Berthoud, Ferdinand, No. XXVIII 381
Bond, William Cranch 431, 431
Harrison, John, H4 231
Hunt & Roskell 189
Kendall, Larcum, K3 331
Kendall, Larcum 359
Kullberg, Victor, No.6643 189
Poole, John, No.4320 191
Ulrich, J. G. 254

Chronometer, pocket
anonymous tourbillon 184
Arnold/Breguet, No.11 239
Arnold, John Roger, No. 211 398, 496
Arnold, John, No.437 490
Barraud of London No.159 490
Barraud of London No.290 177
Breguet, Abraham Louis, No.2247 209
Earnshaw, Thomas, No.1514 331
Jamison of Portsea No.159 490
Molyneaux, Robert 244
Robinson, Owen 30

Chronometer-watch, Jürgensen, Urban 98
Churchill, C., sedan chair clock No.1472 244
Citizen, minute repeating quartz watch 86
Claggett, William, longcase clock 149
Clark, R., longcase clock, stolen 88
Clarke, Samuel 45
Clarke, Thomas, longcase clock 42
Clarke, William 535, 537
Clarke, William, longcase clock 539
Clay, H., Coventry Watch Movement Manufacturing Co. debtor 518
Cleaver, J., Coventry Watch Movement Manufacturing Co. debtor 518
Clementson, Edward, longcase clock 42
Clench see also Bennett & Clench
Clench, Robert 267
Clock & Watchmakers' Society of Leicester 46-49
Clock Cases of France, Lecture by Sarah Medlam 328
Clock-case makers 87
Boden, John 465
Mitchell, Tommy 540
Clockmakers, Worshipful Company of, and the Britannia Act 353
Clock-watch see Striking Watch
Clumber Park, Notts. 56
Coach watch, Windmills, Thomas 347
Coalbrookdale Museum, turret clock 248
Coates, G., Coventry Watch Movement Manufacturing Co., debtor 518
Cockburn, Thomas 267
Cohen, Morris 50
Cohen, R. R., mantel clock, stolen 90
Colbert, Jean Baptiste 161
Cole, Thomas, lecture by R. E. Rose 143
Cole, Thomas, carriage clock No.1491 196
carriage clock, stolen 558
<table>
<thead>
<tr>
<th>Term</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>desk clock</td>
<td>106</td>
</tr>
<tr>
<td>three-dial clock</td>
<td>356</td>
</tr>
<tr>
<td>Coleman, E.</td>
<td>549</td>
</tr>
<tr>
<td>Coleman, William, longcase clock, stolen</td>
<td>90</td>
</tr>
<tr>
<td>Collection</td>
<td>364</td>
</tr>
<tr>
<td>Belmont, Henry-Louis</td>
<td>347</td>
</tr>
<tr>
<td>Gershom Parkington</td>
<td>409</td>
</tr>
<tr>
<td>Harris, Lord</td>
<td>356</td>
</tr>
<tr>
<td>Jais, Alfred</td>
<td>410</td>
</tr>
<tr>
<td>Wallace, Sir Richard</td>
<td>287</td>
</tr>
<tr>
<td>Weatherfield, David</td>
<td>252</td>
</tr>
<tr>
<td>Collins, Maria</td>
<td>140, 141, 142, 240, 326, 426, 520</td>
</tr>
<tr>
<td>Colston, Richard</td>
<td>126</td>
</tr>
<tr>
<td>longcase clock, stolen</td>
<td>131</td>
</tr>
<tr>
<td>Combes, M., drawing of Gamier's, 'Engine Counter'</td>
<td>546</td>
</tr>
<tr>
<td>Compass, Webb, Benjamin, set in watch dial</td>
<td>209</td>
</tr>
<tr>
<td>Competition, AHS Midlands Section</td>
<td>28</td>
</tr>
<tr>
<td>Condliff, James, skeleton clock</td>
<td>110</td>
</tr>
<tr>
<td>Connell, William, watch No.6739, stolen</td>
<td>89</td>
</tr>
<tr>
<td>Cooke, Lewis, clockmaker</td>
<td>535</td>
</tr>
<tr>
<td>Cooke [Thomas], Troughton &amp; Simms</td>
<td>540</td>
</tr>
<tr>
<td>Cooper</td>
<td>52</td>
</tr>
<tr>
<td>Cooper &amp; Hedge</td>
<td>87</td>
</tr>
<tr>
<td>Cooper, H. J.</td>
<td>54</td>
</tr>
<tr>
<td>Cooper, John, lantern clock</td>
<td>54</td>
</tr>
<tr>
<td>Cooper, William</td>
<td>87</td>
</tr>
<tr>
<td>Copeland of London, bracket clock, stolen</td>
<td>280</td>
</tr>
<tr>
<td>Copland, John, A Personal View, lecture</td>
<td>427</td>
</tr>
<tr>
<td>Corbishley, Barry, letter [Elizabeth Gaskell]</td>
<td>179</td>
</tr>
<tr>
<td>Corrall of Lutterworth, clockmakers</td>
<td>41</td>
</tr>
<tr>
<td>Corrall, Edwin</td>
<td>51</td>
</tr>
<tr>
<td>Corrall, Francis</td>
<td>50</td>
</tr>
<tr>
<td>lantern clock</td>
<td>54</td>
</tr>
<tr>
<td>Corrall, Thomas</td>
<td>46</td>
</tr>
<tr>
<td>Cosens, Nicholas, hour-glass maker</td>
<td>535</td>
</tr>
<tr>
<td>Courtanvaux, Marquis of</td>
<td>219</td>
</tr>
<tr>
<td>Courvoisier of Pans, pillar? clock</td>
<td>427</td>
</tr>
<tr>
<td>Coventry Gas Fittings Co.</td>
<td>505</td>
</tr>
<tr>
<td>Coventry Watch Movement Manufacturing Company Limited, by D. H. Bacon</td>
<td>502-518</td>
</tr>
<tr>
<td>balance sheet, 1889-1890</td>
<td>507</td>
</tr>
<tr>
<td>costs, prices and wages</td>
<td>507-509</td>
</tr>
<tr>
<td>debtors in 1900</td>
<td>518</td>
</tr>
<tr>
<td>identifying movements</td>
<td>514</td>
</tr>
<tr>
<td>Keyless movement</td>
<td>513</td>
</tr>
<tr>
<td>movement price list</td>
<td>511</td>
</tr>
<tr>
<td>output, 1889-1890</td>
<td>507</td>
</tr>
<tr>
<td>description of</td>
<td>505</td>
</tr>
<tr>
<td>foundation of</td>
<td>503</td>
</tr>
<tr>
<td>location of</td>
<td>505</td>
</tr>
<tr>
<td>Cowan, James, bracket clock, stolen and recovered</td>
<td>467</td>
</tr>
<tr>
<td>Coward &amp; Co., watch, stolen</td>
<td>468</td>
</tr>
<tr>
<td>Craddock, Paul, Royal Clocks, lecture</td>
<td>58</td>
</tr>
<tr>
<td>Cranbury Park, sundial</td>
<td>139</td>
</tr>
</tbody>
</table>
Crane, Gurney, obituary 524
Craven, Maxwell John Whitehurst of Derby, lecture 56
Crawford, Mrs. 267
Croaker, [Croker] John Wilson 178, 278
Croft & Co., Coventry Watch Movement Manufacturing Co. debtor 518
Crosbye, Robert, wall clock 430
Crouch, Edward, longcase clock 157-159
Crouch, William, bracket clock, stolen 373
Crowley, Finbarr, reports 61, 432, 527
Cruckshanks, John, clockmaker 143
Crumm & Keller, 150 Years of Electrical Horology, reviewed 364
Cruttenden, Thomas 242, 535
Crutchfield, water clock 162
Cuff, John, William Jaques debtor 344
Cuff, Peter, William Jaques debtor 344
Culpepper, Edmund, sector 149
Cumming, Alexander, watch 255
CV, carriage clock No.24430, stolen 89
CWMC see Coventry Watch Movement Manufacturing Co.
Dalston of Rugby, longcase clock, stolen 280, 468
Danby, J., watch Nos. 9301, 9315 & 9983 444
Daniel, Christopher, The Sundials of Carnfudnock, lecture 430
Dareau, Dr. Michael, Early Origins of Scottish Clockmaking, lecture 240
Restoration & Conservation, lecture 428
Scottish Clockmaking, lecture 522
portrait 241
The Origins pf Clockmaking in Scotland, lecture 143
Darken, J., letter [30-hour clocks] 279
Darker, Samuel 39
Darling & Anfield 539
Darling & Wood 539
Darling, William, wall clock [drop-dial] 539
Darwin, Erasmus 56
Davies, Alun C., James Ritchie of Edinburgh, 1809-1812 260-272
William Bond & Son, lecture 431
Captain George Vancouver's Timekeepers, lecture 331
Davies of Shifnall, turret clock 248
Davies, Roger, letter, obituary 83
Davis, David P. 503
Dawson, Percy, obituary 464
Day, F., turret clock 333
Day, Isaac ?, William Jaques debtor 345
De Chales, Milliet 223
Deacon, clockmakers of Leicestershire 32, 55
Deacon of Barton, 'Watchwork' book 52
Deacon, John watch No.324 45, 52
Deacon, Samuel longcase clock 38-39, 45, 46
musical clocks 39
wall clock No.29 48
watch No.4 51
Deacon, Thomas W. 54
Debois, Daniel & Sons 312
Decharmes, Simon, bracket clock, stolen 183
Dee, William, bracket clock 288
D.E.H.O., electric clock 247
Delander, Daniel, William Jacques debtor 344
Delander, Nathaniel, watch-case maker 341, 353
Delafosse, Samuel, bracket clock, stolen 467
Delunesy of Paris, clockmaker 143
Dent see also Arnold & Dent
Dent see also Kendal & Dent
Dent, E. J., turret clock 526
Dent of London, carriage clock No.1458, stolen 88
Hardy regulator 315
table regulator 356
wrist-watch No.49986 370
Denton, Peter, screw turner 506
Derby, Lord 513
De Rijp, Netherlands, turret clock 313
Desbois & Wheeler, mantel clocks 292
Descharmes, Simon, William Jaques debtor 343
Desk clock.
Cole Thomas
White, E., No.1831-66, stolen 280, 372
Dewe, John, bracket clock, stolen 280
Dial
Adam and Eve differential, watch 209
digital 567
painted 15
sun-and-moon 44-45, 100, 101, 154-155
Walker & Hughes 44
wandering-hour, watch 567
world-time 109, 565
Dial Clocks, lecture by Ron Rose 57
Dial maker.
Dubuisson of Paris 11
Walker & Hughes 43
Dial-plates 279
Dibon, James & Peter, William Jaques debtor 345
Dingwall-Beloe Lecture, 1991 219-239
Dingwall-Beloe Lecture, 1992 284
Dinkethman of London, William Jaques debtor 345
Dixie, Sir W 39
Dolcoath Tin Mine; Cornwall, Airy's experiments 145
Doni, De, Giovanni, clock replica 501
Donegan, P., Coventry Watch Movement Manufacturing Co. debtor 518
Donisthorpe, Joseph 42
watch No.117 55
Donisthorpe, Richard, watch No.791 53
Donkin & Maudsley, epicyclic gears 456
Donnington, turret clock 248
Douglas, Christian 443
Drabble, Joshua, bracket clock 5
Drinkwater, A. H., Coventry Watch Movement Manufacturing Co., debtor 518

Drocourt of Paris, carriage clock 392
   carriage clock, stolen 183
Drury, John, wall clock 60
Dubuisson of Paris, dial maker 11
Duchesne, Claudius, bracket clock 356
   longcase clock 211
Duck, Henry, watch-case maker 347, 348
Duck, John 355
Duley, A. J., reports 58-59, 147, 245, 330, 525
Dumas, A., carriage clock 103
Dunkeld Cathedral, turret clock 70
Dunlop, Andrew, watch No.782 350
Dunlop, Conyers, bracket clock, stolen 558
Dunsany Castle, AHS visit 6
Dunsink Observatory, AHS visit 431
Dupin, Paul, William Jaques debtor 343
Dupont of London, bracket clock, stolen 90
Durham University Observatory, Hardy regulator 465
Durie, J., watch Nos. 212, 213 & 214 444
Durrans, Brian, Dr., letter [Time capsules] 557
Dutch Clockmaking, lecture by Arnold Heijmer 146
Dutch Clocks, Painting on, lecture by Jaap Zeeman 528
Dwerrihouse & Carter, mantel clock 116

E 5
   Eagle Iron & Engineering Co. 505
Earle, Sir William 131
Earnshaw, Thomas, pocket chronometer No.1514 331
Earp of Castle Donnington 46
East, Edward, wall clock 357
Ebauche, Coventry-made 502
Ebers, Carl, letter [Guye, keyless winding] 557
Edinburgh, Royal Observatory 465
Edwards, A., transaction with John Smith & Sons 550
Edwards, Evan, reports 246, 432
Edwards, Rev. C. 550
Edwards, Thomas, watch, stolen 468
Eight-day watch see Long-duration, watch
Electric Clock 20
   Bain, Alexander 256
   Butterfly Clock 83
   D.E.H.O. clock 247
Gillet & Johnson 247
Gledhill-Brook slave clock 247
Hope-Jones, Synchronome 338-339
Ritchie, James, regulator 247
Synchronome master clock, stolen 468

*Electric Clocks, Domestic, One Hundred Years of* lecture by A. Mitchell 330

Electric Master Clocks, lecture by D. J. Bird 523
Electric watches 58
Electrical Horology, 150 Years of, by Crum & Keller, reviewed 364

Elephant clock 308
Ellicott of London,
  bracket clock, musical 10
  regulator 26
Ellicott, John,
  bracket clock, musical 105
  bracket clock, stolen 467
  bracket clock, walnut regulator 497
Elliot, J. J., dial clocks 58
Elton, Christopher 520
Emery, Josiah,
  lever watches 234
  watch No.1089 235
Emier see Silvester & Emier

Enamel watch case 15, 119
Enamelling and Enamel Watch Dial Making, lecture by John Griffiths 241

*The Development of the Pendule de Paris, lecture* 61
The Inspection & Overhaul of a Longcase Clock 431

Epicyclic gears 446-456

Equation indication,
  Bachelard of Paris, regulator 203
  Lepaute, H. & J. J., table regulator 303
  Prevost, William, on case clock 483
  Robin of Paris, table regulator 11
  Williamson, Joseph, longcase clock 258
  Wright, William, longcase clock 356

*Equation of Time, The*, lecture by Philip Adams 431

Escapement,
  Airy's detached 356
  Chinese duplex 329
  Garnier, Paul, two-plane gravity [4-legged] 307
  Hardy spring-pallet 319, 320
  Hile, J. W. 244
  lever 234
  Peto cross-detent 239
  tic-tac 358
Estwick, Thomas, longcase clock, stolen 467
Eugene, Prince of the Savoy 222
Evans see also Higgs & Evans
Evans, David, turret clock 526
Evans, Jeremy 340
Evans, Noel and David, obituary of Eric Street 124
Evans of Handsworth, turret clock 248
Evans, W. F. & Co. 540
Exhibition, 70
London, Great 1851 70
Great American, 1853 70
Paris 1823 423
Paris 1827 413
Prescot Museum, The Tools of the Trade 477

Fail, Peter, obituary 216
Fattorini of Bradford, alarm clock 244
FC No.2140, mantel clock, stolen 182
Fenwell, R., Coventry Watch Movement Manufacturing Co. debtor 518
Ferencz, Seiler, Vienna regulator 198
Fertbaur of Vienna, regulator 294, 478
Fesser, F., Coventry Watch Movement Manufacturing Co. debtor 518
Festeau of Paris, 'Temple d'amour' clock 427
Finney, John, longcase clock, stolen 280
Flachat, E. 412
Flashman, George, bracket clock 474
Fleurieu, Evreux de 233
Flinn, E., Coventry Watch Movement Manufacturing Co. debtor 518
Florence, Palazzo Vecchio, turret clock 458
Flowers, Mr., Coventry Watch Movement Manufacturing Co. debtor 518
Foliot suspension 277
Foliot, The Accuracy of by W. Houtkooper 74-75
Foord, Ron, Trumpeter Clocks, lecture 146
Forestville Clockmakers, by Roberts & Snowdon, reviewed 274
Forlati, Paulo, Segnatum 'Veronensis", reviewed 170-171
Forrest, John, watch 257
Fortier, Alexandre 142
Fouchy, Grandjean de 226
Foulkes, G. L., letter [bracket clock restoration] 179
Four Hundred Day Clocks, lecture by C. Wadge 243
Four-glass clock see Mantel clock
Franklin, Benjamin 56
Frodsham see also Parkinson & Frodsham
Frodsham, Charles, chronograph No.06219 ADfmsz, stolen 468
Fromanteel, Ahasuerus, longcase clock 257
Frone, John 41
Frost, C., watch No.8537 515
Fulwell, F., Coventry Watch Movement Manufacturing Co. debtor 518
Fusee Engines, Early Lancashire, lecture by Paul Baker 523
Fyvie Castle observatory 315
Hardy regulator, escapement 320

Gabriel, patent dial clock 245
Galilei, Galileo, pendulum clockwork 457
Gallon, M, of L'Academie Royale des Sciences, Paris. 163-164
Gambev, L. H. 446
Gamelin, Kenneth, obituary 525
Gardiner, Obadiah 87
Gardiner, Thomas 87
Gardner, Ambrose 156
Garland 52
Garlick, C, builder 505
Garner, H., Coventry Watch Movement Manufacturing Co. debtor 518
Garnier, Paul, Revisited, by Charles Allix 411-425 \textsuperscript{V20}
Garnier, Paul, The Engine Counter of by Christopher Hurron 541-54 \textsuperscript{V20}

1839 Exhibition catalogue 416-424 \textsuperscript{V20}
carriage clock 385 \textsuperscript{V20}
carriage clock No.2706 421 \textsuperscript{V20}
carriage clock No.491 415 \textsuperscript{V20}
carriage clock Nos. 349 and 2706 419 \textsuperscript{V20}
carriage clocks, series 'O' [Nos. 198, 200, 491 & 492] 414-416 \textsuperscript{V20}
clock No.1291 557 \textsuperscript{V20}
dated mainsprings in clocks 424 \textsuperscript{V20}
dial micrometer 419 \textsuperscript{V20}
Horloger de la Marine 423 \textsuperscript{V20}
Horloger du Roi 423 \textsuperscript{V20}
mantel clock No. 1032 417 \textsuperscript{V20}
mantel regulator 418 \textsuperscript{V20}
pendule portative No.341 422 \textsuperscript{V20}
pendule portative No.858 557 \textsuperscript{V20}
pendule portatives, various numbers 422 \textsuperscript{V20}
portrait 411 \textsuperscript{V20}
production rate graph 556 \textsuperscript{V20}
regulators 414 \textsuperscript{V20}
thermometer 414 \textsuperscript{V20}
year going mantel [library] clock 414 \textsuperscript{V20}

Garvan, Francis P. 148 \textsuperscript{V20}
Gaskell, Elizabeth 179, 370 \textsuperscript{V20}
Gaskell of Knutsford, clocks by 179 \textsuperscript{V20}
Gaskell, Thomas 370 \textsuperscript{V20}
Gaudron of Paris, \textsuperscript{V20}
clock mounted in a wardrobe 253 \textsuperscript{V20}
travelling clock 405 \textsuperscript{V20}

Gemmology & Jewellery, lecture by Susan Anderson 330 \textsuperscript{V20}
Gent & Blick 433 \textsuperscript{V20}
Gent, E. 243 \textsuperscript{V20}
Gent, E. Clock Restoration, lecture 144 \textsuperscript{V20}
Gent, Rob van, Regulators in the Boerhaave Museum, lecture 61 \textsuperscript{V20}
George I, portrait bust on a watch case 347 \textsuperscript{V20}
George III 430 \textsuperscript{V20}

Gershom Parkington Collection see Bury St Edmunds \textsuperscript{V20}
Gibbons, Michael, \textsuperscript{V20}
letter [early wrist-watch] reports 58, 146-147, 245, 428, 524 \textsuperscript{V20}
Gibbs, Solomon 350 \textsuperscript{V20}
Gibbs, Thomas, William Jaques debtor 345 \textsuperscript{V20}
Gibson, John, watch, stolen 372 \textsuperscript{V20}
Gilkes, Richard, watch, stolen 468 \textsuperscript{V20}
Gill, Samuel, longcase clock, stolen 279 \textsuperscript{V20}
Gillett & Bland, turret clock 526 \textsuperscript{V20}

Gillett & Johnston, \textsuperscript{V20}
electric clock 247 \textsuperscript{V20}
turret clock 333 \textsuperscript{V20}

Gillies, Rob, obituary 431 \textsuperscript{V20}
Gilmore, Harry, reports 60, 331, 430, 525, 527 \textsuperscript{V20}
Girard, widow of 232 \textsuperscript{V20}

Glückstein, Anton, Vienna regulator 102 \textsuperscript{V20}

Gledhill-Brook slave 'clock 247 \textsuperscript{V20}
Goddard, Isaac, longcase clock 399
Goddrey, Henry, longcase clock 95
Godlyman, Peter, longcase clock, stolen 280
Godon, F. L., watch 236
Godwyn, Charles 225
Goldsmiths, Worshipful Company of, and the Britannia Act 353
Good, Richard, Japanese Clocks, lecture 426
Goode, Charles, bracket clock, stolen 88
Goode, J., Coventry Watch Movement Manufacturing Co., debtor 518
Goode, J., Coventry Watch Movement Manufacturing Co., debtors 89
Gordon, M, carriage clock, stolen 182
Gould, Christopher, William Jaques debtor 344
Gould, Christopher longcase clock 150
Gould, Christopher, longcase clock 207
Gouthière, case maker of Paris 143
Graham, see also Tompion & Graham 149
Graham, George, barometer 149
Graham, George, bracket clock 13
Gray & Co., watchpaper 55
Gray & Vulliamy, bracket clock 199
Gray, 'Benjamin, bracket clock 149
Gray, William, watch 55
Gray, William, watch No.89233 53
Great Ponton, Lincolnshire, sundial 136
Green, E.D.M., bracket clock, stolen 558
Greenwich Mean Time 81
Greenwich, Royal Observatory, AHS visit 359
Gregg, Francis 34
Gregson of Paris, watch No.1999 239
Gretton, Charles 221
Grey, Lord, observatory 357
Gridiron see also Pendulum, gridiron 193
Gridiron compensation, watch by Berthoud 226
Griffin of Leicester 46
Griffiths, John 243
Grignion, Thomas, bracket clock, stolen 88
turret clock 526
Grimalde & Johnson, bracket clock No.431 22
Grimshaw & Baxter, horological tools list 84
Grinkin, Robert senior 40
Gschwind, Dr. Eugene, obituary 85
Grandfather Clocks and their Cases, by Brian Loomes, reviewed 169-170
Grant of London, bracket clock, stolen 89
Graves, Benjamin, William Jaques debtor 344
Graves, Benjamin, William Jaques debtors 344
Gray & Vulliamy, bracket clock 199
Gray & Vulliamy, longcase clock 107, 120, 305
Gray, 'Benjamin, bracket clock 149
Gray, William, watch 55
Gray, William, watch No.89233 53
Green, E.D.M., bracket clock, stolen 558
Greenwich Mean Time 81
Greenwich, Royal Observatory, AHS visit 359
Gregg, Francis 34
Gregson of Paris, watch No.1999 239
Gretton, Charles 221
Grey, Lord, observatory 357
Gridiron see also Pendulum, gridiron 193
Gridiron compensation, watch by Berthoud 226
Griffin of Leicester 46
Griffiths, John 243
Enamelling and Enamel Watch Dial Making, lecture 241
Grignion, Thomas, bracket clock, stolen 88
turret clock 526
Grimalde & Johnson, bracket clock No.431 22
Grimshaw & Baxter, horological tools list 84
Grinkin, Robert senior 40
Gschwind, Dr. Eugene, obituary 85, 216
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gugeri &amp; Belotti</td>
<td>88V20</td>
</tr>
<tr>
<td>Guillaume &amp; Co</td>
<td>518V20</td>
</tr>
<tr>
<td>Guye, P. &amp; A.</td>
<td>557V20</td>
</tr>
<tr>
<td>Gynmer, Robert</td>
<td>87V20</td>
</tr>
<tr>
<td>Hallam of Nottingham</td>
<td>46V20</td>
</tr>
<tr>
<td>Hallam, John</td>
<td>41V20</td>
</tr>
<tr>
<td>Hallmarking of silver</td>
<td>348-355V20</td>
</tr>
<tr>
<td>Halsey, George</td>
<td>388V20</td>
</tr>
<tr>
<td>Halstead, Charles</td>
<td>88V20</td>
</tr>
<tr>
<td>Hamburg American Clock Co.</td>
<td>150V20</td>
</tr>
<tr>
<td>Hamilton, watch</td>
<td>58V20</td>
</tr>
<tr>
<td>Hancocks, R. G.</td>
<td>125V20</td>
</tr>
<tr>
<td>Hannah, J.</td>
<td>243, 244, 328-329, 523V20</td>
</tr>
<tr>
<td>Hanson, Edward</td>
<td>427V20</td>
</tr>
<tr>
<td>Harder &amp; Ransom</td>
<td>244V20</td>
</tr>
<tr>
<td>Hardy, Thomas</td>
<td>398, 496V20</td>
</tr>
<tr>
<td>Hardy, William</td>
<td>320V20</td>
</tr>
<tr>
<td>Harley, Edward</td>
<td>475V20</td>
</tr>
<tr>
<td>Harman, watch-case</td>
<td>353V20</td>
</tr>
<tr>
<td>Harper, Henry</td>
<td>150V20</td>
</tr>
<tr>
<td>Harries, David</td>
<td>81-82V20</td>
</tr>
<tr>
<td>Harris &amp; Co.</td>
<td>518V20</td>
</tr>
<tr>
<td>Harris, Dennis</td>
<td>69-73V20</td>
</tr>
<tr>
<td>Harris, Lord</td>
<td>356, 410V20</td>
</tr>
<tr>
<td>Harrison, John</td>
<td>219V20</td>
</tr>
<tr>
<td>Haspells, Dr. J. J.</td>
<td>284V20</td>
</tr>
<tr>
<td>Hatfield, David</td>
<td>42V20</td>
</tr>
<tr>
<td>Hatfield, John</td>
<td>42V20</td>
</tr>
<tr>
<td>Hatton, Thomas</td>
<td>220V20</td>
</tr>
<tr>
<td>Haward, Peter</td>
<td>501V20</td>
</tr>
<tr>
<td>Hawkins, Ambrose</td>
<td>526V20</td>
</tr>
<tr>
<td>Hawley, H.</td>
<td>518V20</td>
</tr>
<tr>
<td>Hawley, John</td>
<td>504, 510V20</td>
</tr>
<tr>
<td>Hawley, Ltd.</td>
<td>518V20</td>
</tr>
<tr>
<td>Head, Samuel</td>
<td>45V20</td>
</tr>
</tbody>
</table>
Hedge see also Cooper & Hedge
Hedge, Nathaniel
Hedge of Colchester, bracket clock, stolen
Heijmer, Arnold, Dutch Clockmaking, lecture
Heliograph
Henfrey of Leicester
Hertford, Fourth Marquis of
Heslip, Robert, A Sundial by James Riley, lecture
Hesselin, Louis
Hester, William, William Jaques debtor
Hewitt see also Wycerley Hewitt & Co.
Hewitt & Son, Coventry Watch Movement Manufacturing Co., debtor
Hewitt, J., Coventry Watch Movement Manufacturing Co., debtor
Hewitt, P. A., Clockmaking and watchmaking in Leicestershire and Rutland 1680-1900 31-55
Hewitt, S., bracket clock, stolen
Hewitt, T. P.
Hewitt, Thomas
Heyes, Samuel, frame maker
Higgs & Evans, bracket clock, stolen
Higgs, James
Hile, J. W. escapement
Hill & Co., Coventry Watch Movement Manufacturing Co., debtor
Hill, A., Coventry Watch Movement Manufacturing Co., debtor
Hill, C. J., Coventry Watch Movement Manufacturing Co., debtor
Hill, Rowland
Hill, William, junior, alarm attachment
Hilliard, Denis, bracket clock, stolen
Hindley, family, clockmakers
Hindley, Henry
Hindley, Joseph
Hire, Philippe de la
History of Technology, by Short & James, reviewed
Hobler, Francis, watch, stolen
Hocker & Son, longcase clock, stolen
Hocker, John, longcase clock, stolen
Hodges, Nathaniel, bracket clock, stolen
Hodgetts, Graham
Hofland, Carel, reports
Hollins, C. J., Coventry Watch Movement Manufacturing Co., debtor
Hollis see also Bundock, Hollis & McKay
Hollis, G., Coventry Watch Movement Manufacturing Co., debtor
Hollis, Geoffrey
Holst, Hans, bracket clock
Holyoak of Smockington and Sharnford
Honnecourt, Villard de 258
Hookham see Chamberlain & Hookham
Hop-Jones, Frank
Christmas card 293
free pendulum 338-339
Hopkins, J., Coventry Watch Movement Manufacturing Co. debtor 518
Horological Picture Postcards, lecture by Bundock, Hollis & McKay 333
Horological Picture Postcards, lecture by Michael Bundock 428
Horological Surface Finishes and their Preservation, lecture by Francis Brodie 245
Horological Surface Finishes and their Preservation, lecture by Bundock, Hollis & McKay 428
Horseman, Stephen, bracket clock 4
Hour-glass maker, Cosens, Nicholas 535
Houtkooper, W., The Accuracy of the Foliot 74-75
How, ?Benjamin, William Jaques debtor 345
How, Thomas, watch-case maker 341
Howard, Chester, letter [minute repeat] 86
Howard, Edward 503
Howard, Gervaise 41
Howden, James 261, 267
Hubert of Paris, mantel clock 387
Hudleston, Lawson, regulator 1803 383
Hudson, Felix, John Smith, Pittenweem, 1770-1814, Pt. 2 443-445
Huggins of Colchester, barometer 560
Hume, Dr. Friedrich, obituary 500
Hunt & Co., watchmakers 510
Hunt & Roskell 20
carriage clock No.12782, stolen 373
marine chronometer 189
Hunt, William, watch, stolen 468
Hurcomb, W. E. 149
Hurrion, Christopher, Paul Gamier's Engine Counter 541-545
Hurst, M.G, obituary of Percy Dawson. 313
Hutchins, John 225
Hutchinson, Beresford 520
A Visit To Vulliamy's Premises on 7th September 1786 66-68
Repeating Mechanisms, lecture 245
Huygens, Christiaan, letter from Claude Perrault 1
Ja see Jaques, William
IB, watch-case maker 475
II. see Lee, John
Ilbert Collection, watches from 226, 236-239
Indenture, Lumsden, George 445
India, Clocks In, lecture by Chris Baldwin 58-59
Innovation pour Survivre etc., by Joelle Mauerhan, reviewed 364
Inventory, 20
Jaques, William, 'Orphans' 341-346
Smith, John 444
Ireland, John, bracket clock, stolen 558
Irish Horology, lecture by William Stuart 431
Irish-Swiss Institute of Horology, lecture by David Meeham 527
Italian Time Measuring Systems, lecture by Tom Robinson 147
Italiano Orlogi e Orlogiai del Renascimento, by R. Panicali 77, 80
JA see Armstrong, John 20
Jabez, Isaac 504
Jackson of Lutterworth, lantern clock 54^V20
Jackson, J., bracket clock, stolen 373^V20
Jackson, Martin, William Jaques debtor 344^V20
Jackson, Mr., Coventry Watch Movement Manufacturing Co. debtor 518^V20
Jackson, T. J., Coventry Watch Movement Manufacturing Co. debtor 518^V20
Jackson, Thomas, longcase clock, stolen 372^V20
Jackson, William, 32, 40^V20
lantern clock 54^V20
longcase clock 41^V20
Jacot, Henri, carriage clock, stolen 558^V20
Jais, Alfred, collection 287^V20
Jaques, William senior, watch-case maker, biographical information 341^V20
case maker's punch marks 349-352^V20
inventory 341-346^V20
watch cases by 346-348^V20
Jaques, William, junior 341, 348^V20
Jardine, James 321^V20
Jarossey of Paris, regulator 359^V20
Jefferson of Bellwood, mystery clock 150^V20
Jenning, L., torsion balance 244^V20
Jex, Johnson, watch, stolen 468^V20
Johnson see also Grimalde & Johnson 89^V20
Johnson of London, bracket clock, stolen 280^V20
Johnson, Simon, obituary of Peter Fail 216^V20
Johnson, William, bracket clock 306^V20
Johnstone, J., watch Nos. 9879 & 9880 444^V20
Jolly of London, carriage clock 481^V20
carriage clock 1897 205^V20
Jürgensen, Jules, watch 15^V20
Jürgensen, Urban & Sönner, chronometer-watch 99^V20
wrist-watch No.088 19^V20
JW see Wycherley, John

K

Kater, Captain, pendulum 145
Kedleston Hall, Cheshire 56
Kellam, Thomas, longcase clock 43
Keller see Crum & Keller
Kendal & Dent, mantel clock No.4929, stolen 90
Kendal, Larcum, marine timekeeper cleaned 177
Kendal, Larcum, marine timekeepers 331, 359
Kenney, George, letter 432
Kentish, John Jnr., watch 119
Ketterer, Franz 146
Kinder, Thomas, 504, 518
Kincauns Observatory 357
King & Combe? watch 515
Kirk, William, bracket clock, stolen 183
Klaftenburger of London, mantel clock, stolen 90
Klock, Pieter, longcase clock, stolen 558
Klock, Pieter, lantern clock, stolen 182
Klock, Pieter, bracket clock, Roman striking 259
Klock, Pieter, bracket clock, walnut 568
Klock, Pieter, lantern clock, stolen 558
Klock, Pieter, longcase clock 259
Knibb, Joseph
Knibb, Joseph, bracket clock 150
Knibb, Joseph, bracket clock, Roman striking 358
Knibb, Joseph, clock-watch 404
Knibb, Joseph, lantern clock 150
Knibb, Joseph, longcase clock, walnut 7
Knibb, Joseph, longcase clock, Roman striking 356
Knibb, Joseph, longcase clock, three-month 309
Knibb, Joseph, longcase clock, walnut 310
Knibb, Joseph, longcase clock, Lord Harris Collection 356
Knibb, Joseph, observatory clock 60
Knibb, Joseph, Turret clock, Wadham College, Oxford 256
Knibb, Peter, longcase clock 259
Knifton, Thomas, lantern clock, stolen 558
Kullberg, Victor 465
Kullberg, Victor, marine chronometer No.6643 189

L

La Roche, Sophie V. 1, 66
Lalande, Jerome 226
Lambert, Daniel 31
Lamp, John, William Jaques debtor 343
Lancashire Watch Company, movement price list 503, 510
Lancaster Clocks, lecture by Sir George White 524
Lantern clock
Lantern clock
Lantern clock
Ashwell, Josiah 34
Bates of Leicester 54
Bates, William 34
Brown, James 54
Carter, Chris 54
Carter, Christopher 40
Cooper, John 54
Corrall, Francis 54
Jackson of Lutterworth 54
Jackson, William 54
Jolly, William 31
Knapp, John, stolen 182
Knibb, John, stolen 558
Knibb, Joseph 150
Knifton, Thomas, stolen 558
Lee, Roger 34, 54
Lee, William 54
Mills, Humphrey 522
Rogers, Nathaniel 54
Ryans, William 535
Spence, John 33, 54
Thatcher of Cranbrook, stolen 90
Lathe, Reed 506
Le Roy of Paris, watch 267
Le Roy et Fils, carriage clock No.8553, stolen 89
Le Roy, Julien 221, 222
‘Four Continents’ clock 252
clock mounted in a secretaire 253
regulators, astronomical 321
Le Roy, Pierre 234
watch No.4757 234
watches by, 326-327
Lecture by,

Adams, Prof. Phillip, 60
Photographing Clocks and watches
The Equation of Time 431
What’s In Sundials 61
Anderson, Susan, Aspects of Gemmology and Jewellery 330
Arnfield, J., A Reid & Auld Regulator and a Speaking Clock 243
Baker, Paul, Early Lancashire Fusee Engines 523
Baldwin, Chris, Clocks In India 58-59
Bateman, D., A. Precision Timekeeping [report on NAWCC Cleveland Seminar] 529
Bird, D. J., Electric Master Clocks 523
Boles, David, 19th Century French Mantel Clocks 432
Boyd, Gavin, Sir William Chambers and the King’s Clock 430
Brodie, Francis, Horological Surface Finishes and their Preservation 245
Brooks, Grahame, Audemars Piguet 242-243
Brown, Michael, Making a New Striking Rack 431
Bundock, Michael, Horological Picture Postcards 428
Bundock, Hollis & McKay, Horological Picture Postcards 333
Burton, D, Electric Clock Systems of the London Underground 433
Chapiro, Professor, A., 18th Century French Watches 326-327
Chapman, Dr. Alan, G. B. Airy, The Pit and the Pendulums’ 144-145
Chatham, Peter, A Collection of Watches 325
Copland, John, A Personal View 427
Craddock, Paul, Royal Clocks 58
Craven, Maxwell, John Whitehurst of Derby 56
Daniel, Christopher, The Sundials of Carnfurnock 430
Dareau, Dr. Michael, Early Origins of Scottish Clockmaking 240

V20
Restoration & Conservation 428 V20
Scottish Clockmaking 522 V20
The Origins of Clockmaking in Scotland 143 V20
Davies, Alun V20
William Bond & Son 431 V20
Captain George Vancouver's Timekeepers 331 V20
Ennis, Joe V20
The development of the Pendule de Paris 61 V20
The Inspection & Overhaul of a Longcase Clock 431 V20
Foord, Ron V20
Trumpeter Clocks 146 V20
Gent, Rob van V20
Regulators in the Boerhaave Museum 61 V20
Good, Richard V20
Japanese Clocks 426 V20
Griffiths, John V20
Enamelling and Enamel Watch Dial Making 241 V20
Hartridge, Tony V20
Turret Clock Dials 525 V20
Heijmer, Arnold V20
Dutch Clockmaking 146 V20
Heslip, Robert V20
A Sundial by James Riley 431 V20
Hollis, Geoffrey V20
Electric Mystery Clocks 150 V20
Hutchinson, Beresford V20
Repeating Mechanisms 245 V20
James, Dr. B. J. V20
The Latest Developments in Quartz Crystal Oscillators 62 V20
May, Ian V20
Carriage Clock Repair 524 V20
McBrierty, Gerry V20
Time For Music 431 V20
McLeod, Murray V20
The Development of the Precision Timepiece as an Aid to Navigation 432 V20
Medlam, Saram V20
Clocks in the Bowes Museum 241 V20
French Clock Cases 328 V20
Meehan, David V20
The Irish-Swiss Institute of Horology 527 V20
Mitchell, Arthur V20
One Hundred Years of the Domestic Electric Clock 330 V20
Nash, Teddy V20
Memoires of a Clock Hunting Man 330 V20
Neale, J. A. V20
Joseph & Thomas Windmills 525 V20
Parr, David V20
Railway Clocks 428 V20
Penney, David V20
The Name on the Watch 330 V20
Ponsford, Clive V20
The Upjohn Dynasty 429 V20
Poole, David V20
Clockmaking 523 V20
Rice, Roy V20
The Bilbies of Chewstoke 527 V20
Robinson, Tom V20
Hooded Wall Clocks 60 V20
Italian Time Measuring Systems 147 V20
Rose, R. E. V20
Thomas Cole 143 V20
Dial Clocks 57 V20
Scott, Rev. John V20
West Country Turret Clocks 525 V20
Setchell, John V20
Clockmaking in York 242 V20
Simonin, Antione V20
Complicated Watches 521 V20
Smith, Adrian V20
Restoration of Clock Cases 244 V20
Smith, Prof. Alan V20
The R J Oliver Workshop 144 V20
Stigna, Jon V20
Horological Photography 327-328 V20
Stuart, William V20
Irish Horology 431 V20
The History, Clocks and Instruments of Armagh Observatory 60 V20
Trade Catalogues 60 V20
Tuck, Paul V20
The Evolution of English Watch Dials 146 V20
Vincent, Clare V20
A 17th Century Gold and Enamelled Watch 246 V20
Vos, Anton V20
Zephyrs 147 V20
Wadge, C. V20
Four Hundred Day Clocks, by C. Wadge 243 V20
Ward, Pam V20
Optical Aids 244-245 V20
Watson Eric V20
Horology and the Making of Orreries 243 V20
White, Sir George, *Lantern Clocks* 524\textsuperscript{V20}
Wright, Jan, *Master Clocks* 427\textsuperscript{V20}
Zeeman, Jaap, *Painting on Dutch Clocks* 528\textsuperscript{V20}

Lederle, Georg, turret clock 458\textsuperscript{V20}
Lee, John, & William Jaques junior 347–348\textsuperscript{V20}
Lee, John junior, clockmaker 35\textsuperscript{V20}
Lee, John senior, clockmaker 34\textsuperscript{V20}
Lee, John, watch-case maker 341, 347, 348\textsuperscript{V20}
Lee, John of Loughborough 40\textsuperscript{V20}
Lee, Joseph 347\textsuperscript{V20}
Lee, Roger,
lantern clock 34, 54\textsuperscript{V20}
longcase clock 35\textsuperscript{V20}
watch 53\textsuperscript{V20}
watch No. 2 55\textsuperscript{V20}
Lee, Ronald, Fine Arts, AHS visit 358\textsuperscript{V20}
Lee, Thomas,\textsuperscript{V20}
longcase clock 36\textsuperscript{V20}
watch No. 2329 55\textsuperscript{V20}
Lee, William,\textsuperscript{V20}
bracket clock 36–37\textsuperscript{V20}
lantern clock 54\textsuperscript{V20}
longcase clock 35\textsuperscript{V20}
longcase clock, grande sonnerie 35\textsuperscript{V20}
longcase clock, musical 36\textsuperscript{V20}
Legg, Michael, report 142–143\textsuperscript{V20}
Lehrner, Franz, Vienna regulator 108\textsuperscript{V20}
Lehrner of Kaschau, Vienna regulator 194\textsuperscript{V20}
Leicester, Clock & Watchmakers' Society 46–49\textsuperscript{V20}
Leicester Museums, clocks in 31–55\textsuperscript{V20}
Leicestershire & Rutland Clock and Watchmakers by P. A. Hewitt 31–55\textsuperscript{V20}
Lemmon, Iain 57\textsuperscript{V20}
Lemoine, M. 'Butterfly Clock' 83\textsuperscript{V20}
Lenoir of Paris, sector 149\textsuperscript{V20}
Lepaute, H. & J. J., table regulator 303\textsuperscript{V20}
Lepaute, J. A.
mantel clock 143\textsuperscript{V20}
Lepine calibre watches 369\textsuperscript{V20}
Lepine, Jean Antoine, watches 327\textsuperscript{V20}
Leroux, John, watch No. 3350, stolen 89\textsuperscript{V20}
Leroy et Cie, mantel clock, stolen 468\textsuperscript{V20}
Leroy, L. et Cie, mantel clock, stolen 558\textsuperscript{V20}
Le Roy, Pierre 227\textsuperscript{V20}
Lerwick, William 54\textsuperscript{V20}
Lieutaud, Balthazar, clock case 142\textsuperscript{V20}
Lincoln Cathedral, turret clock 244\textsuperscript{V20}
Lincoln, Usher Gallery, AHS visit 244\textsuperscript{V20}
Lindley of Leicester, watchpaper 51\textsuperscript{V20}
Lindley, Thomas 38, 39, 45, 51\textsuperscript{V20}
Lindsay, Alexander, clockmaker 143\textsuperscript{V20}
Lines, J., Coventry Watch Movement Manufacturing Co., debtor 518\textsuperscript{V20}
Liszt, Anton, Vienna regulator 259\textsuperscript{V20}
Lithwhite of Liverpool 353\textsuperscript{V20}
Lloyd, Steven, Ivory Diptych Sundials 1570–1750, reviewed 459–460\textsuperscript{V20}
Lodgington, Isaac, William Jaques debtor 344\textsuperscript{V20}
Logie, Robert 267\textsuperscript{V20}
<table>
<thead>
<tr>
<th>Location</th>
<th>Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>London, British Museum</td>
<td>AHS visit</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>Dingwall-Beloe Lecture</td>
<td>253-255</td>
</tr>
<tr>
<td></td>
<td>Jenkins, Henry, astronomical clock</td>
<td>284</td>
</tr>
<tr>
<td></td>
<td>watches by various makers</td>
<td>314</td>
</tr>
<tr>
<td></td>
<td>London, Courtauld Institute, Eardley Norton clock</td>
<td>346-350</td>
</tr>
<tr>
<td></td>
<td>Dingwall-Beloe Lecture</td>
<td>430</td>
</tr>
<tr>
<td>London, Guildhall</td>
<td>AHS visit</td>
<td>25-25</td>
</tr>
<tr>
<td></td>
<td>watches stolen</td>
<td>372</td>
</tr>
<tr>
<td>London, Horniman Museum</td>
<td>Apostle clock</td>
<td>29</td>
</tr>
<tr>
<td>London, National Maritime Museum</td>
<td>AHS visit</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>navicula sundial acquired</td>
<td>217</td>
</tr>
<tr>
<td></td>
<td>London, Royal Exchange, turret clock by J. Moore &amp; Sons</td>
<td>69-73</td>
</tr>
<tr>
<td></td>
<td>London, Royal Society, Newton sundial</td>
<td>126</td>
</tr>
<tr>
<td></td>
<td>London, Science Museum, chalice dial</td>
<td>139</td>
</tr>
<tr>
<td></td>
<td><em>London Underground's, Electric Clock Systems</em>, lecture by D. Burton</td>
<td>433</td>
</tr>
<tr>
<td>London, Victoria &amp; Albert Museum</td>
<td>AHS visit</td>
<td>348</td>
</tr>
<tr>
<td></td>
<td>London, Wallace Collection</td>
<td>142-143, 252-253</td>
</tr>
<tr>
<td></td>
<td>Long-duration, month</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>anonymous French lyre clock</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Bacelard of Paris, regulator</td>
<td>203</td>
</tr>
<tr>
<td></td>
<td>Blondeau of Paris table regulator</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Bushman, John, bracket clock</td>
<td>192</td>
</tr>
<tr>
<td></td>
<td>Crouch, Edward, longcase clock</td>
<td>157</td>
</tr>
<tr>
<td></td>
<td>Ferencz, Seiler, Vienna regulator</td>
<td>198</td>
</tr>
<tr>
<td></td>
<td>Gluckstein, Anton, Vienna regulator</td>
<td>102</td>
</tr>
<tr>
<td></td>
<td>Graham, George, longcase clock</td>
<td>114-115</td>
</tr>
<tr>
<td></td>
<td>Knibb, Peter, longcase clock</td>
<td>259</td>
</tr>
<tr>
<td></td>
<td>Oudin, Charles, table regulator</td>
<td>109</td>
</tr>
<tr>
<td></td>
<td>Quare, Daniel, longcase clock No.145</td>
<td>356</td>
</tr>
<tr>
<td></td>
<td>Quare, Daniel, longcase clock</td>
<td>259</td>
</tr>
<tr>
<td></td>
<td>Robin of Paris, table regulator</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Schmit of Paris, skeleton clock</td>
<td>111</td>
</tr>
<tr>
<td></td>
<td>Tompion, Thomas, longcase clock</td>
<td>299</td>
</tr>
<tr>
<td></td>
<td>Tompion, Thomas, longcase clock</td>
<td>384</td>
</tr>
<tr>
<td></td>
<td>Tompion, Thomas, longcase clock No.239</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Wright, William, longcase clock</td>
<td>356</td>
</tr>
<tr>
<td></td>
<td>Long-duration, three month</td>
<td>309</td>
</tr>
<tr>
<td></td>
<td>Knibb, Joseph, longcase clock</td>
<td>148</td>
</tr>
<tr>
<td></td>
<td>Tompion, Thomas, Williamsburg clock</td>
<td>246</td>
</tr>
<tr>
<td></td>
<td>Long-duration watch, eight-day</td>
<td>246</td>
</tr>
<tr>
<td></td>
<td>Long-duration, year</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Crane, Aaron, torsion pendulum clock</td>
<td>243</td>
</tr>
<tr>
<td></td>
<td>Goddard, Isaac, longcase clock</td>
<td>399</td>
</tr>
<tr>
<td></td>
<td>Gamier, Paul, library clock</td>
<td>414</td>
</tr>
<tr>
<td></td>
<td>Lehrner, Franz, Vienna regulator</td>
<td>108</td>
</tr>
<tr>
<td></td>
<td>Prevost, William, longcase clock</td>
<td>483</td>
</tr>
<tr>
<td></td>
<td>Longcase clock</td>
<td>468</td>
</tr>
<tr>
<td></td>
<td>Ashton of Ashburn, stolen</td>
<td>89</td>
</tr>
<tr>
<td></td>
<td>Ashwell, Josiah</td>
<td>34</td>
</tr>
</tbody>
</table>
Aswell, Joseph 37, 38
Baghyn, Adriaan d’, stolen 280
Baker, Henry 42
Barber, Jonas 241
Barwise of Cockermouth, stolen 467
Billington, Everard 42
Bishop of Maidstone 12
Blackburn, Stephen 43
Blackburn of Oakham, stolen 372
Boyfield, Richard 42
Bradford, Thomas, stolen 183
Buchanan of Boston
Chamberlaine, Nathaniel & Thomas, stolen 100, 154-155
Cheasbrough, Aaron 183
Claggett, William 149
Clark, R., stolen 88
Clarke, Thomas 42
Clarke, William 539
Clementson, Edward 42
Coleman, William, stolen 90
Colson, Richard, stolen 90
Crouch, Edward 280
Dalston of Rugby, stolen 468
Deacon, Samuel 39
DuChesne, Claudius 211
Estwick, Thomas, stolen 467
Finney, John, stolen 280
Fromanteel, Ahasuerus 257
Gaskell of Knutsford 179
Gill, Samuel, stolen 279
Goddard, Isaac 399
Godfrey, Henry 95
Godlyman, Peter, stolen 280
Gould, Christopher 150
Graham, George 149
Graham, George, No.587 114-115
Graham, George, No.681? 259
Gray & Vulliamy 107, 120, 305
Hallam, John 41
Hindley, Henry 242
Hocker & Son, stolen 558
Hocker, John, stolen 558
Holmes, John 390
Jackson, Thomas, stolen 372
Jackson, William 41
Jolly, William 31
Kellam, Thomas 43
Klock, Pieter, stolen 558
Knibb, John 259
Knibb, Joseph V20
Roman striking
three-month
walnut
walnut
Lord Harris Collection 356
Knibb, Peter 259
Lee, Roger 35
Lee, Thomas 36
Lee, William 35
Lee, William, grande sonnerie 35
Lee, William, musical 36
Mortier, I 371
Pain, Benjamin 42
Pickering, Joseph 41
Pickering, Thomas 41
Prevost, William 483
Quare, Daniel, month 259
Quare, Daniel No.145 356
Redshaw, Daniel, stolen 280
Ruijge, Cornelius de 125
Schofield, John, stolen 558
Shaw, David 44
Simpson, William, stolen 182
Spence, John 33
Storr, Jonathan 536
Storr, Marmaduke 206
Stretch, Samuel, stolen 372
Stripling, Thomas 42
Sutton of Barton on Humber 244
Timmis, W., stolen 89
Tompion & Banger, No.502 292
Tompion, Thomas 360
astrolabic 207
marquetry case 299
month-going 358
night clock 100
No.239 384
parquetry case 148-149
Williams burg 148
Tregent, James 117
Upjohn, Nathan, stolen 558
Upjohn, Richard 429
Upjohn, Thomas 429
Vulliamy, B. L. No.350 278
Wendith, Charles, stolen 182
Whitelaw, James, stolen 182
Whithnall, J., stolen 558
Wilkins, John senior 34
Wilkins, Thomas 34
Willard, Aaron 149
Williamson, John 363
Williamson, Joseph, equation 258
Windmills, Joseph, walnut case 288
Worley, Simon, stolen 468
Wright, William 356

Longitude, Board of 219, 225
Longitude, Galileo’s pendulum clockwork 457
Longitude Symposium 217
Longitude Symposium, Harvard University 402
Loomes, Brian 551
Antique British Clocks, A Buyer’s Guide, reviewed
British Clocks Illustrated, reviewed 363-364
Grandfather Clocks and their Cases, reviewed 169-170
Loseby, Edward 38, 51
Loundes, Jonathan, bracket clock 17
Lowman, Simon, reports 57, 143-144
Ludlam, Rev. William 38-39
Lumsden, George, indenture 445
Lumsden, James 445
Lunar gear trains 451-452
Lunar indication,
DuChesne, Claudius, longcase clock 211
Gaskell of Knutsford, longcase clock 179
Janvier, Antide, table regulator No.309 287
Jump of London, carriage clock 205, 481
Jürgensen, Urban, wrist-watch 19
Patek Philippe & Co, wrist-chronograph 19
Schmit of Paris, skeleton clock 111
Lunar Society, The 56
Lund see Barraud & Lund
Lupton, William, clockmaker 535
Lyre clock, anonymous French 8
MacDonald, J 52
Mackensie, Mr 225
Mackenzie, Lady Jean 267
Maconochie, Iain 57
Macquart of Paris, sundial, stolen 558
Maelzel, metronome 431
Mahler compensation pendulum 419
Mainspring maker/supplier, Peupin 424
Montandon Frères 424
Ramboulliet of Paris 424
Maintaining power, bolt & shutter 100, 114, 193, 226
Harrison’s, sun and planet 119, 383
Mairet, Charles, watch, stolen 182
Maltin, Michael, Some Notes on the Medieval Clock in Salisbury Cathedral 438-442
Mander & Co., Coventry Watch Movement Manufacturing Co. debtor
Manière, Charles Guillaume, mantel clock, stolen 89
Mantel clock, anonymous 'four-glass', stolen 182
anonymous World Time' 565
anonymous, Bras-en-Lair 93
anonymous, Bras-en-Lair 295
anonymous, dog & barometer 308
anonymous, elephant 308
anonymous, French lyre 8
anonymous, portico case, stolen 182, 183
anonymous, white marble 286
Bellenor of Paris, stolen 372
Borell of London 480
Breguet of Paris 104
Brodin, Nicholas (religieuse) 332
Cohen, R. R., stolen 90
<table>
<thead>
<tr>
<th>Name</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crane, Aaron</td>
<td>243</td>
</tr>
<tr>
<td>Desbois &amp; Wheeler</td>
<td>292</td>
</tr>
<tr>
<td>Dowerrihouse &amp; Carter</td>
<td>116</td>
</tr>
<tr>
<td>FC No.2140, stolen</td>
<td>182</td>
</tr>
<tr>
<td>Garnier, Paul</td>
<td>414</td>
</tr>
<tr>
<td>Garnier, Paul, No.1032</td>
<td>417</td>
</tr>
<tr>
<td>Gosselin of Paris, stolen</td>
<td>182</td>
</tr>
<tr>
<td>Hubert of Paris</td>
<td>387</td>
</tr>
<tr>
<td>Kendal &amp; Dent, No.4929, stolen</td>
<td>90</td>
</tr>
<tr>
<td>Klaftenburger of London, stolen</td>
<td>90</td>
</tr>
<tr>
<td>Lepaute, J. A.</td>
<td>143</td>
</tr>
<tr>
<td>LeRoy Ct Cie, stolen</td>
<td>468, 558</td>
</tr>
<tr>
<td>Manière, Charles Guillaume, stolen</td>
<td>89</td>
</tr>
<tr>
<td>Moore, J. &amp; Sons</td>
<td>70</td>
</tr>
<tr>
<td>Mottram, John</td>
<td>297</td>
</tr>
<tr>
<td>Mougin, A., stolen</td>
<td>90</td>
</tr>
<tr>
<td>Parin, Jean, stolen</td>
<td>90</td>
</tr>
<tr>
<td>Raingo Frère, stolen</td>
<td>183</td>
</tr>
<tr>
<td>Reupon of Paris, stolen</td>
<td>372</td>
</tr>
<tr>
<td>Roberts of Paris, stolen</td>
<td>558</td>
</tr>
<tr>
<td>Roque, Jean Leonard, stolen</td>
<td>90</td>
</tr>
<tr>
<td>Sellier of Paris, stolen</td>
<td>90</td>
</tr>
<tr>
<td>Thuret, Isaac (Religieuse)</td>
<td>332</td>
</tr>
<tr>
<td>Vigne, Charles, stolen</td>
<td>280</td>
</tr>
<tr>
<td>Vincentia of Paris, stolen</td>
<td>558</td>
</tr>
<tr>
<td>Vulliamy, B. L. No.863</td>
<td>278</td>
</tr>
<tr>
<td>Vulliamy Justin</td>
<td>122</td>
</tr>
<tr>
<td>Vulliamy of London, No.798, stolen</td>
<td>90</td>
</tr>
<tr>
<td>Vulliamy of London No.1486</td>
<td>195</td>
</tr>
<tr>
<td>Wright, Thomas</td>
<td>430</td>
</tr>
<tr>
<td>Marc, Henri, pendule portative, stolen</td>
<td>467</td>
</tr>
<tr>
<td>Margatory of London ?, William, Jaques debtor</td>
<td>345</td>
</tr>
<tr>
<td>Marrgetts, George, bracket clock</td>
<td>150</td>
</tr>
<tr>
<td>Markes, William, bracket clock, stolen</td>
<td>373</td>
</tr>
<tr>
<td>Market Harborough, turret clock</td>
<td>40</td>
</tr>
<tr>
<td>Market Overton, sundial</td>
<td>139</td>
</tr>
<tr>
<td>Marlow, J. H., Coventry Watch Movement Manufacturing Co. debtor</td>
<td>518</td>
</tr>
<tr>
<td>Marquetry case see also parquetry case</td>
<td>20</td>
</tr>
<tr>
<td>Marquetry case</td>
<td>20</td>
</tr>
<tr>
<td>Boulle</td>
<td>252</td>
</tr>
<tr>
<td>Duschesne, Claudius</td>
<td>211</td>
</tr>
<tr>
<td>Godfrey, Henry, longcase clock</td>
<td>95</td>
</tr>
<tr>
<td>Knibb, John, bracket clock</td>
<td>259</td>
</tr>
<tr>
<td>Prevost, William, longcase clock</td>
<td>483</td>
</tr>
<tr>
<td>Tompion, Thomas, longcase clock</td>
<td>207</td>
</tr>
<tr>
<td>Windmills, Joseph, bracket clock</td>
<td>288</td>
</tr>
<tr>
<td>Marsh, Edward, watch No.140, stolen</td>
<td>468</td>
</tr>
<tr>
<td>Marsh, H., bracket clock, stolen</td>
<td>467</td>
</tr>
<tr>
<td>Marshall of London ?, William, Jaques debtor</td>
<td>345, 20</td>
</tr>
<tr>
<td>Marston, J. &amp; H., Coventry Watch Movement Manufacturing Co. debtor</td>
<td>518</td>
</tr>
<tr>
<td>Martin, P., skeleton clock</td>
<td>95</td>
</tr>
<tr>
<td>Martin, Thomas, William Jaques debtor</td>
<td>344</td>
</tr>
<tr>
<td>Martinot of Paris, Boulle marquetry cases clock</td>
<td>252</td>
</tr>
<tr>
<td>Maskelyne, Nevil</td>
<td>230</td>
</tr>
<tr>
<td>Massy, Jacob, bracket clock</td>
<td>494</td>
</tr>
<tr>
<td>Massy, Nicholas II</td>
<td>221</td>
</tr>
</tbody>
</table>
Master Clocks, lecture by Jan Wright 427
Masters, Henry 504
Masters, J., Coventry Watch Movement Manufacturing Co. debtor 518
Matthews, Mr., Coventry Watch Movement Manufacturing Co. debtor 518
Mattsson, Carl Frithiof 177
Maudsley, see Donkin & Maudsley
Mauerhan, Joelle, *Innover pour Survivre: La Fabrication de L'eschappement cylindre sur le plateau de Maîche*, reviewed 364
May, Ian, Carriage Clock Repair, lecture 524
McBrierty, Gerry, *Time For Music*, lecture 431
McKay, see also Bundock, Hollis & McKay
McKay, C. G., reports 248, 333
McLean, George, table regulator, stolen 89
McLeod, Murray, *The Development of the Precision Timepiece as an Aid to Navigation*, lecture 432
Meakin & Co., Coventry Watch Movement Manufacturing Co. debtor 518
Mears of Whitechapel, bellfounders 70
Medlam, Sarah, *Clocks in the Bowes Museum*, lecture 241
French Clock Cases, lecture 328
Meehan, David, *The Irish-Swiss Institute of Horology*, lecture 527
*Memoires of a Clock Hunting Man*, lecture by Teddy Nash 330
Mercer & Son, Coventry Watch Movement Manufacturing Co. debtor 518
Mercer, Dr. R. V. F. [Vaudrey], obituary 500
Mercury, T. J. 510
Merlin, Joseph, mechanical swan 241
Meslay, Rouillé de, 220
Meslier of London ?, William Jaques debtor 345
Metal casting, demonstration by Ernie Nelson 431
Metronome 431
Micrometer, dial type, Garnier, Paul 419
Middents, Paul, report 148-149
Miles, R. H. report 409
Mills, Allan A., *Isaac Newton’s Sundials* 126-139
letter [Newton sundial] 277
Mills, Humphrey, lantern clock 522
Milward of Hammersmith, bracket clock, stolen 183
Mitchell, Arthur 330
*One Hundred Years of the Domestic Electric Clock* reports 62, 247, 332, 443, 528
Mitchell, Tommy, clock-case maker 540
Moinet, Louis 252
Moite, Pierre-Etienne 222
Molyneaux, Robert, deckwatch 244
Molyneux, Charles, bracket clock, stolen 372
Montandon Frères, mainspring maker/supplier to Garnier 424, 557
Montmartel, Jean Paris de 142
Montre a’ tact, Breguet of Paris 209
Moore & Sons, Patent lever ventilator 70
Moore, A. J., Somerset and Bristol clock and watch makers 86
Moore, John & Sons, mantel clock 70
turret clock 549
turret clock (Royal Exchange) 69-73
Moore, John, turret clock 333
Morath Brothers 146
Morbech, Finn, letter 86
Morgan, Octavius 255
Morice, David, wall clock, stolen 280
Morrall, G., Coventry Watch Movement Manufacturing Co. debtor 518
Morris, Vernon 245
Mortier, I., clocks by 371
Mottram, John, mantel clock 297
Mougin, A., mantel clock, stolen 90
Mudge & Dutton, bracket clock 358
Mudge, Thomas 228
Mudge, Thomas, gear ratio matching 446
Mudge, Thomas, jnr. chronometer No.325 427
Murch, Matthew, turret clock 526
Murgatroyd, George 345
Murray, Charles, reports 149-150, 433
Musical clock, anonymous picture clock 198
Anonymous picture clock, Horniman Museum 29
Barber, Benjamin, bracket clock 296
Deacon, Samuel 39
Duchesne, Claudius, bracket clock 356
Ellicott, John, bracket clock 105
Ellicott of London, bracket clock 10
Gaskell of Knutsford 179
Gosselin of Paris, mantel clock, stolen 182
Jenkins, Henry 314
Moore, J. & Sons, turret clock 73
Newton, James, bracket clock 241
Rimbault, Stephen 149
Vallin, Nicholas, wall clock 284
Windmills of London, bracket clock 217-218
Mynuel of Paris, ‘Four Continents’ clock 252
Mynuel of Paris, clock 142
Mystery Clocks, Electric, lecture by Geoffrey Hollis N
Name on the Watch, lecture by David Penney 330
Nash, Teddy, Memoires of a Clock Hunting Man, lecture 330
National Association of Watch & Clock Collectors, Cleveland Seminar, report 529
National Maritime Museum see London
Navicula dial see Sundial
NAWCC see National Association etc.
Neale, J. A., Joseph & Thomas Windmills, lecture 525
The Case of William Jaques 340-355
Windmills Under the Sea reports 217-218
Neill, Andrew & Sarah 369
Neill, Sally 261
Nelson, Ernie, Metal Casting, demonstration 431
Nelson, H. C., watch No.5934 444
Neve, John, dial clock, stolen 89
New Sterling see Britannia Act
New York, Metropolitan Museum of Art, AHS visit 246
Newell, David 142, 143
Newey, Clockmakers of York 540
Newey, Roland, wall regulator 1942 520
Newsam, Bartholomew 535
Newsome & Co. 516, 518
Newsome, I. J. T. 510
Newton, Isaac
early life 126-128
sundials 126-139, 277
Newton, James, bracket clock 241
Newton, William, wall clock 59
Nicholas of Clarburg, turret clock 535
Nicholls, Thomas, William Jaques debtor 345
Nichols, Henry, bracket clock, stolen 280, 468
Nicholson, J. & W. 29
Nicholson, William, patent pendulum 243
Nicole Nielsen of London, chronograph No.1900-5 397
Nielsen see Nicole Nielsen
Night clock 8
Campani of Rome, stolen 88
Tompion, Thomas, longcase clock 358
Nivernois, Duc de 225
Noctuary 57
Noone, Thomas, clockmaker 33
Norris, Joseph, bracket clock 380
North see Barber, Cattle & North
North Witham, Lincolnshire, sundial 136
Norton, Eardley bracket clock No.1787 118
Norton, Samuel, bracket clock, stolen 88
Norwich, Bridewell Museum, watches stolen 468
Nuestra Senor De Guadelupe, ship 217
Oakham, Union Workhouse 43
Obituary Bach, Henri
Burton, Stanley 124
Crane, Gurney 524
Dawson, Percy 312, 464
Fail, Peter 216
Gamelin, Kenneth 525
Gillies, Rob 525
Gschwind, Dr. Eugene 85, 216
Hummel, Dr. Friedrich 500
Mercer, Dr. R. V. F. Vaudrey 500
Street, Eric 124
Observatory Armagh, AHS visit 60
Cape of Good Hope 178, 278
Dunsink, AHS visit 431
Durham University 465
Edinburgh, Blackford Hill 321
Edinburgh Royal 465
Kinfauns 357
York 539
Observatory regulator
Hardy, William 315V20  
Knibb, Joseph 60V20  
Oliphant, Alexander 444V20  
**Oliver, R. J's Workshop**, lecture by Prof. A. Smith 144V20  
Omega watch, model 1250 58V20  
**Optical Aids**, lecture by Pam Ward 244-245V20  
Orleans, Duke of 419V20  
Orleton Parish Church, The Two Clocks in, by Graham Hodgetts 547-550V20  
**Orreries, The Making of** lecture by Eric Watson 243V20  
Orrery, Tiffany & Co., table clock 495V20  
Ortenburger, Rick, *Black Forest Clocks*, reviewed 76-77V20  
Oudin, Charles, table regulator 109V20  
Ovingham, Samuel, watch, stolen 372V20  
Owen, J. D., letter [regulator] 466V20  
Oxford, Ashmolean Museum 347V20  
AHS visit 258V20  
Oxford, Earl of 475V20  
Oxford, Museum of the History of Science, AHS visit 256V20  
Paap, N., report 61-61V20  
Pace, John, skeleton clock 493V20  
Pace, John, skeleton clock, stolen 88V20  
Pagnell, Boothby 128V20  
Pam, Benjamin, longcase clock 42V20  
Pain, David, William Jaques debtor 344V20  
Palmer of Loughborough 46V20  
Palmerston, Lord 278V20  
Panicall, Roberto, Orlogi e Orlogiai del Renascimento Italiano 77, 80V20  
Paramatta Observatory, Hardy regulator 315V20  
Paris, 1823 Exhibition 423V20  
Paris, 1827 Exhibition 413V20  
Parkinson & Frodsham, regulator 197V20  
Parquetry case, Tompion, Thomas, longcase clock 358, 384V20  
Parr, David, Railway Clocks, lecture 428V20  
Partridge, A. B., letter [Photography] 465V20  
Partridge, John 355V20  
Patek Philippe & Co. 15V20  
chronograph No. 197756? 19V20  
wrist-chronograph 19V20  
wrist-watch 19V20  
**Patent**, V20  
Crane, Aaron, torsion pendulum 243V20  
Gabriels 'Last hour' 1885 245V20  
Jenning, L., torsion balance 244V20  
Moore, J. & Sons, lever ventilator 70V20  
Nicholson, William 243V20  
Pecquer, Onesiphore, gear ratios 447-449V20  
Wood, Thomas, alarm clock 244V20  
Wycherley, John, watch frame 503V20  
Paton, Leslie, letter [Hardy-Sampson-Kullberg] 465V20  
Paulet of London, William Jaques debtor 344V20  
Pearson & Son, Coventry Watch Movement Manufacturing Co. debtor 518V20  
Pearson, J., Coventry Watch Movement Manufacturing Co. debtor 518V20  
Pearson, Rev. Dr. 315V20  
Pecquer, Onesiphore, Precise Ratio Epicyclic Gears, by G. White 446-456V20
Pendule de Paris, The Development of lecture by Joe Ennis 61

Pendule portative, Garnier, Paul, No.341 422
Garnier, Paul, No.858 557
Garnier, Paul, various numbers 422
Marc, Henri, stolen 467

Pendulum, Captain Kater's 145
compensation 383
double 361
Ellicott 498
free 338
Galileo Galilei 457
girdiron 9, 11, 108, 109, 111, 203, 208, 303
Mahler type compensation 419
mercurial 18, 96, 197, 307
mock 199, 204
second and a quarter 356, 384
Shortt Free 338-339
torsion 243

Penkethman, Thomas 345
Penman, Laurie, letter [verge and foliot] 176-177
Penney, David 27, 215
drawing of Harrison regulator 359
letter [AHS finance and membership] 181
letter [early wrist-watches] 464
Name on the Watch, The, lecture 330
retires as editor of Antiquarian Horology 56

Perin, Jean, mantel clock, stolen 90
Perinot of Paddington, wall clock [tavern] 400
Perrault, Claude 161
Perrault's Hydraulic Clock, by Charles K. Aked 161-168
Perroneau, Jean- Baptiste 222
Pettigrew, James, clockmaker 240

Peupin of Paris, mainspring maker/supplier to Paul Garnier 424
Pezenas, Esprit 228
Philip, 2nd Duke of Orleans 221
Phillips of Salisbury, watch, stolen 468

Photographing Clocks and Watches, lecture by Prof. Phillip Adams 60
Photography of clocks and watches 465
Photography of Clocks and Watches, lecture by Jon Stigna 327-328
Pickering, Joseph, longcase clock 41
Pickford, Christopher, Bedfordshire Clock & Watchmakers, lecture 143
Pickford, Joseph 56

Picture clock, anonymous, showing the Admont Convent in Styria 198

Piguet see Audemars Piguet
Pile Francis, turret clock 526
Pinchbeck, Christopher 87
Pinchbeck, Edward 87
Pipping, Gunnar, letter [Barraud chronometer] 177
Planetarium, Jones, W. & S. 149
Tompion, Thomas 256

Player & Son, Coventry Watch Movement Manufacturing Co. debtor 518
Plowman, Dr. J. M., letter [the late Percy Dawson] 464
Pocket chronometer, anonymous with tourbillon 560
Pollard, T. C., turret clock 526
Pons, Honore clocks movements 423
Pons of St. Nicholas d’Aliermont 422
Ponsford, Clive, reports 245, 525
Upjohn Dynasty, The, lecture 429
Poole & Co., chronometer makers, Royal Warrant 81
Poole, David, Clockmaking, lecture 523
Poole, electric clock 247
Poole, F. 5. 177
Poole, James, Upton 177
Poole, John, marine chronometer No.4320 191
Portland, of London, watch Nos. 9156 & 9488 444
Potrat, Berthoud, Ferdinand 227
Dareau, Dr. M. 241
Dawson, Percy 312
Gamier, Paul 411
George I 347
Harrison, John 225
Le Roy, Julien 222
Mitchell, Arthur 330
Radford, Percy 330
Scott, Rev. John 525
Wolfendale, Professor Arnold 519
Postage stamps, Harrison Tercentenary 368
Potts, William, turret clock 244
Powle, Thomas 341
Prangley, William, watch, stolen 468
Pratt, Derek, tourbillon escapement 98

Precision Timekeeping, lecture by D. A. Bateman [report on NAWCC Cleveland Seminar) 529
Prescot Museum, exhibition, Tools for the Trade 477
Prevost, William, longcase clock 483
Price, James, watch No.946 55
Prices for watches sold by Ritchie in 1809 263-264, 272
Prices of clocks 1810 265
Pridlam, Lewis, turret clock 525
Priestley, Joseph 56
Prior, Edward, Turkish-market watch, stolen 372
Programme 1992 63-65, 151-153, 344-337
Programme, 1993 434-437, 530-533
Proktor, William, wall clock, stolen 182
Pryor, Joseph bracket clock 358
named on a Daniel Quare bracket clock 358
Puget, family history 312
Purvis of London, bracket clock, stolen 467
Quare, Daniel, William Jaques debtor 344
bracket clock 358
bracket clock, ebony veneered, stolen 467
bracket clock, keyhole type 358
bracket clock, red japanned, stolen 467
bracket clock signed, 'Joseph Pryor' 358.
longcase clock, month 259\textsuperscript{V20}
longcase clock No.145 356\textsuperscript{V20}
pillar barometer 149\textsuperscript{V20}
watch 149\textsuperscript{V20}
watch No.4193 347, 350\textsuperscript{V20}

*Quartz Crystal Oscillators, Latest Developments* In, lecture by Dr. J. B. James 62\textsuperscript{V20}

Questionnaire, results analysed 324-325\textsuperscript{V20}

Radford, Percy 330\textsuperscript{V20}

Railway Clocks, lecture by David Parr 428\textsuperscript{V20}

Raingo Frères, mantel clock, stolen 183\textsuperscript{V20}

Rambouillet of Paris, mainspring maker/supplier 424\textsuperscript{V20}

Ramsay, David, 143, 522\textsuperscript{V20}

Ramsden, Jesse 537\textsuperscript{V20}

Randall, Anthony, report 242-243\textsuperscript{V20}

Ransom see Harder & Ransom\textsuperscript{V20}

Ratcliff, A. H., Coventry Watch Movement Manufacturing Co. debtor 518\textsuperscript{V20}

Rayment, Richard, bracket clock, stolen 88\textsuperscript{V20}

Raymond of London, Hardy regulator 323\textsuperscript{V20}

Raynes, William 242\textsuperscript{V20}

Raynes, William, lantern clock 535\textsuperscript{V20}

Read, A. H., Coventry Watch Movement Manufacturing Co. debtor 518\textsuperscript{V20}

Read, C., Coventry Watch Movement Manufacturing Co. debtor 518\textsuperscript{V20}

Read, Charles 504\textsuperscript{V20}

Read, S. W., Coventry Watch Movement Manufacturing Co. debtor 518\textsuperscript{V20}

Reddyyhoff, G., reports 59, 245, 330, 331, 430, 527\textsuperscript{V20}

Redshaw, Daniel, longcase clock, stolen 280\textsuperscript{V20}

Reed, lathe 506\textsuperscript{V20}

Regnault of Paris, table regulator 208\textsuperscript{V20}

Regulator,\textsuperscript{V20}

Aird & Thomson, 1866 18\textsuperscript{V20}

Bachelard of Paris 203\textsuperscript{V20}

Barwise London, 1803 383\textsuperscript{V20}

Berridge, John 149\textsuperscript{V20}

Berthoud, Ferdinand 142\textsuperscript{V20}

Breguet, Abraham Louis, double pendulum 361\textsuperscript{V20}

Brock, James, No.1209 307\textsuperscript{V20}

Ellicott, John junior 259, 498\textsuperscript{V20}

Ellicott of London 26\textsuperscript{V20}

Gamier, Paul 414\textsuperscript{V20}

Hardy, William 359\textsuperscript{V20}

Royal Museums of Scotland 253\textsuperscript{V20}

Durham University Observatory 465\textsuperscript{V20}

Fyvie castle 320\textsuperscript{V20}

movement 322\textsuperscript{V20}

No.2 323\textsuperscript{V20}

various 315-323\textsuperscript{V20}

Harrison, John, drawing by D. Penney 359\textsuperscript{V20}

Hudleston, Lawson, 1803 383\textsuperscript{V20}

Jarossey of Paris 359\textsuperscript{V20}

Le Roy of Paris 321\textsuperscript{V20}

Parkinson & Frodsham 197\textsuperscript{V20}

Reid & Auld 243\textsuperscript{V20}

Reid & Auld, No.1811 357\textsuperscript{V20}

Reid, Thomas 321\textsuperscript{V20}

Ritchie, James 247\textsuperscript{V20}
Shelton, John 150
She her master clock 408
Vulliamy of London 410

Regulator, mantel, V20
Berthoud, Louis 359
Garnier, Paul 418

Regulator, table, V20
Berthoud, Louis 359
Carpenter, William 566
Dent of London 356
Janvier, Antide, No.309 287
McLean, George, Stolen 89
Oudin, Charles 109
Regnault of Paris 208
Robin Fils of Paris 11
Lepaute, H. & J. J. 303

Regulator, Vienna, V20
Brim dl of Vienna 386
Ferencz, Seiler 198
Fertbaur of Vienna 294, 478
Glückstein, Anton 102
Lehrner, Franz 108
Lehrner of Kaschau 194
Liszt, Anton 259

Regulator, wall, V20
Newey, Roland, 1942 540
Walker, John 96

Regulators in the Boerhaave Museum, lecture by Rob van Gent 61
Reid & Auld, V20
Kinfau's regulator 357
regulator 243

Reid Bros., Coventry Watch Movement Manufacturing Co. debtor 518
Reid, Thomas, regulators 321
Religieuse see Mantel Clock, V20
Remontoire 98
Blondeau of Paris, table regulator 9

Repeat, half-quarter, Vulliamy, Justin, watch 209
Repeat, minute, V20
Audemars Piguet wrist-watch 242
Citizen quartz watch 86
Patek Philippe chronograph No. 197756 15
Smith, S. & Sons chronograph No.1900-S 397

Repeat, quarter, V20
Bell, Benjamin, bracket clock 16
Breguet, Abraham Louis, watch No.27 237
Bushman, John, bracket clock 192
Duchesne, Claudius, longcase clock 211
Ellicott, John, bracket clock 497
Garnier, Paul, carriage clocks 414
Godon, F.L., watch 237
Gould, Christopher, longcase clock 207
Gregson of Pans, watch No.1999 239
Hindley, Henry, longcase clock 539
Holmes, John, bracket clock 492
Horseman, Stephen, bracket clock 4
Lee, William, bracket clock 36-37
Loundes, Jonathan, bracket clock 17
Massy, Jacob, bracket clock 494
Norris, Joseph, bracket clock 380
Romilly watch 15
Tompion, Thomas, bracket clock No.217 484
Watson, Samuel, bracket clock 389
Windmills, Joseph, bracket clock 288
Windmills of London, bracket clock 217-218

Repeating Mechanisms, lecture by Beresford Hutchinson 245
Restoration & Conservation, lecture by Dr. M. Dareau 428
Restoration, Clock Case, lecture by Adrian Smith 244
Rice, Roy, The Bilbies of Chewstoke, lecture 527
Richard, James 445
Richard of Wallingford, clock 501
Richardson, J., Coventry Watch Movement Manufacturing Co. debtor 518
Rievaulx Abbey, turret clock 176
Riley, James, sundial 431
Rimbault, Stephen bracket clock 149
Rimmer of Coventry, watchmaker 506
Rimmer, Peter, pinion maker 506
Rippington, Alan, report 125
Ritchie, Frederick James 260, 369
Ritchie, James of Edinburgh, by Alun C. Davies 260-272
Ritchie, James, letter 369
Rivaz's compensation 414
RJP, watch-case maker 516
Robert-Houdin of Paris, mystery clocks 150
Roberts & Snowdon, Forestville Clockmakers, reviewed 274
Roberts, Derek, AHS visit 357
Roberts of Paris, mantel clock, stolen 558
Robertson of ?London, William Jaques debtor 345
Robey, J. A., book review 363-364
Robey, John, letter [dial plates] 279
Robin Fils of Paris, table regulator 11
Robin, Robert, watch No.370 236
Robinson, Daniel, barrel maker 506
Robinson, Francis, William Jaques debtor 343
Robinson, Owen, pocket chronometer 30
Robinson, Tom, book reviews 169-170, 550-551

Hooded Wall Clocks, lecture 60
Italian Time Measuring Systems, lecture 147
Robotham of Leicester 45
Rochechouart, Jean Louis de, Avignon clock 143
Rodania, electric watch 58
Rogers, John, tavern clock, stolen 182
Rogers, Nathaniel, lantern clock 54
Roman striking see Striking, Roman
Romilly of Paris? watch 15
Ronning, John, turret clock 247
Roque, Jean Leonard, mantel clock, stolen 90
Rose, John 87
Rose, R. E.,
Thomas Cole, lecture 143
Dial Clocks, lecture 57

Roskell see also Hunt & Roskell
Roskell, Robert? 57
Roskell, Robert, bracket clock, stolen 467
Rotherham & Son, Coventry Watch Movement Manufacturing Co. debtor 518
Rotherham & Sons, assess Wycherley’s ebauche 503
Rowley, Gordon, report 333
Royal Astronomical Society 360
Royal Clocks, lecture by Paul Craddock 58
Royal Warrant, to Poole & Co. 81
Rudd, R. J. 339
free pendulum clock. 339
Ruepon of Paris, mantel clock, stolen 372
Rügge, Cornelius de, longcase clock 125
Russell of Norwich, skeleton clock, stolen 467
Rutland clock and watchmakers 31-55
Ryland, Mr., Coventry Watch Movement Manufacturing Co. debtor 518
Ryley, T., Coventry Watch Movement Manufacturing Co. debtor 518

Salisbury Cathedral Medieval Clock, Some Notes on, by Michael Maltin 438, 442
Salisbury Museum, watches stolen 468
Salzser, Leonard, copy of Harrison H1 30
Salzmann? of Regensburg?, watch 567
Sampson, Professor 465
Sand-glass see Hour-glass
Sandhurst, Royal Academy 315
Sands of Leicester, wall clock, stolen 182
Santo Domingo, Museo de las Atarazanas 217
Saron, Jean-Baptiste-Gaspard Bochart 234
Scaguller, Stephano, bracket Clock, stolen 90
Scarisbrick agreement 504
Scarisbrick, Charles and Edward 504-506
Schaeffer, John 242
Schmit of Paris, Skeleton clock 111
Schofield, John, longcase clock, stolen 558
Schofield, John, longcase clock, stolen 558
Schwartz, Charles, letter [Paul Garnier] 556
Scone Palace, AHS visit 144
Scott, Rev. John 525
West Country Turret Clocks, lecture 525
Scott, Rev. Walter 279
Scott, Walter 267
Scottish Clockmaking, three lectures by Dr. Michael Darea 143, 240, 522
Sector,
Culpepper, Edmund 149
Lenoir of Paris 149
Sedan Chair Clock, Churchill, C., No.1472 244
Segnatempo ‘Veronensis’, by Paulo Forlati, reviewed 170-171
Segnior, Robert 341
Seguin, François 232
Selby-Lowndes, bracket clock by Tompion, No.217 484
Self Winding Clock Company 433
Sellier of Paris, mantel clock, stolen 90
Setchell, John, Clockmaking in York, article 534-540
Clockmaking in York, lecture 242
Settle, A., Coventry Watch Movement Manufacturing Co. debtor 518
Sevmour family, clockmakers 535
SG see Gibbs, Solomon
Shakespeare, William, clock reference 85
Sharpe, William, bracket clock, 179
Shaw, David, longcase clock 44
Sheffield, Abbedale Hamlet and Kelham Island Museums, AHS visit 329
Shelton, John, regulator 150
Shelton, Sampson 40
Shenton, Henry, watch 55
Shenton, Ken, report 429
Shenton, Rita 240
Shepherd master clock 408
Sheply, John, bracket clock 149
Shims, James, watch No.782 52
Short & James, History of Technology, reviewed 273-274
Short, James, telescope 230
Shortt, W. H., free pendulum 338-339
Shrewsbury, Castle Gates Library, turret clock 248
Shrewsbury Railway Station, turret clock 248
SI:IL see Jaques, Sarah and Lee, John
Sidereal time indication, Janvier, Antide, table regulator No.309 287
Tiffany & Co., table clock 495
Sidereal-solar conversion train 454
Sidey, Benjamin 87
Sidwell of Nuneaton 46
Silvani of Brighton 424
Silver, Sterling and Britannia used in watch cases 348-355
Silvester & Emier, bracket clock, stolen 90
Simms see Cooke Troughton & Simms
Simonin, Antoine, Complicated Watches, lecture 521
Simpson of Soho, bracket clock, stolen 183
Simpson, Stephen 432
Simpson, William, longcase clock, stolen 182
Singing bird see Automaton
Sirrost of Paris, watch No.11/1803 236
Skeleton clock, anonymous [To the Rev. Walter Scott], stolen 279
Barlow, George 302
Condiffe, James 110
Martin, P. 95
Pace, John 493
Race, John, stolen 88
Russell of Norwich, stolen 467
Schmit of Paris 111
Skillington, Lincolnshire, sundial 137
Smeaton, John, elder and younger 535, 537
Smith & Son, Coventry Watch Movement Manufacturing Co. debtor 518
Smith & Upjohn, bracket clock, stolen 183
Smith, Adrian, Clock Case Restoration, lecture 244
Smith, John, Pettitnewm, 1770-1814, pt.2, by Felix Hudson 443-445
Smith, Alexander, watchmaker 443
Smith, Barnabas 126
Smith, John 537
Smith, John & Sons 57
Smith, John & Sons, sales ledger 550
Smith, John, watch Nos. 3082, 307 & 6016 444
Smith, M. letter [Grimshaw & Baxter] 85
Smith, Michael 57, 326, 426
Smith of Clerkenwell, turret clock 247
Smith, Prof. Man, The R. f Oliver Workshop, lecture 144
Smith, Roger, letter [B. L. Vulliamy] 278
Smith S. & Sons, chronograph No.1900-S 397
Smorthwait, John 87
Snow, Richard, wall clock 60
Snowe, Nicholas, wall clock 257
Snowhill Manor, AHS visit 523
Sobey, H., watch No.22097 516
Somalvico, Joseph, barometer 560
Somalvico of London, barometer 292
Somerset clockmakers 86
Sorrill, Keith, report 146
South Sea Bubble 346
Sparks, Brian, reports 58, 146, 242, 244, 329, 428, 524
Speaking clock 243
Speakman, William, bracket clock No.1782, stolen 182
Spearing of London, William Jaques debtor 344
Spence, John
lantern clock 54
longcase clock 33
Spencer, Walter, watchmaker 85
Spendlow, William 333
Spittle of Hathern 46
Stancliffe, John 537
Standard Time Company 433
State of Wind indication 237
Breguet, A. L., watch No.27
Jurgensen & Sönner, pocket chronometer 98
Pace, John, skeleton clock 493
Statutes (Definition of Time) Bill 1880 82
Stevens, C., Coventry Watch Movement Manufacturing Co. debtor 518
Stevenson, Elizabeth see Gaskell, Elizabeth
Stigna, Jon, Horological photography, lecture 327-328
Stockdon, Henry 344
Stockholm Tekniska Museum 177
Stoke Rochford Hall, Lincolnshire, Newton memorial 127
Stokes, Henry, William Jaques debtor 128
Stolen clocks & watches 88-89, 182-183, 279-280, 372-373, 467, 558
Stollewerck, Michel, astronomical clock 142
Storr, family, clockmakers 536
Storr, Jonathan, longcase clock 536
Storr, Marmaduke, longcase clock 206
Strathmore, Earl of 241
Street, Eric, obituary 124
Street, Richard, bracket clock, stolen 183
Stretch, Joseph, William Jaques debtor 344
Stretch, Samuel, William Jaques debtor
longcase clock, stolen 372
watch 350
watch No.492 350
Striking, Dutch, anonymous bracket clock

anonymous carriage clock, stolen
anonymous picture clock
Bushman, John, bracket clock
Cole, Thomas, carriage clock No.1491
Drocourt of France, carriage clock
Hindley, Henry, longcase clock,
Lee, William, longcase clock
Quare, Daniel, longcase clock
Quare, Daniel, longcase clock No.145
Tompion, Thomas, bracket clock No.217

Striking, grande sonnerie,

anonymous carriage clock
Bushman, John, bracket clock
Cole, Thomas, carriage clock No.1491
Drocourt of France, carriage clock
Hindley, Henry, longcase clock
Lee, William, longcase clock
Quare, Daniel, longcase clock
Quare, Daniel, longcase clock No.145
Tompion, Thomas, bracket clock No.217

Striking, petite sonnerie, Courvoisier of Paris

Borell of London, mantel clock
Carpenter, William, bracket clock
Condliff, James, skeleton clock
Drabble, Joshua, bracket clock
Hindley, Henry, longcase clock
Vulliamy, Justin, mantel clock
Tompion, Thomas, longcase clock

Striking, quarter,

Borell of London, mantel clock
Carpenter, William, bracket clock
Condliff, James, skeleton clock
Drabble, Joshua, bracket clock
Hindley, Henry, longcase clock
Vulliamy, Justin, mantel clock
Tompion, Thomas, longcase clock

Striking, Roman

Knibb, Joseph, bracket clock
Knibb, Joseph, longcase clock
Tompion, Thomas, longcase clock

Striking watch,

Tompion, Thomas
Vulliamy, Justin

Strippling, Thomas

Stripling, Thomas, longcase clock

Stuart, William,

Irish Horology, lecture
The History of Clocks and Instruments of Armagh Observatory, lecture
Trade Catalogues, lecture

Stukeley, William

Stumbels, William, turret clock

Sully, Henry

marine timekeeper

Sun and Moon dial, watch

Sundial,

Cambridge, Queen's College
Lincolnshire, various
London, Royal Society
London, Science Museum, chalice dial
Macquart of Paris, stolen
Market Overton
Navicula
Newton, Isaac
North Witham, Lincolnshire
Riley, James
Skillington, Lincolnshire
Wager, Richard, horizontal, stolen

Sundials, Ivory Diptych, 1570-1750, by Steven Lloyd, reviewed

Sundials of Carnfannock, The, lecture by Christopher Daniel

Sundials of Isaac Newton, by Allan A. Mills

Sundials, What's In Them, lecture by Prof. Phillip Adams

126, 135-139
126, 131
139
139
139
136
136
137
139
182, 183
430
430
126-139
61

459-460
Table clock see also, Bracket clock

Table clock, V20

Coles, Thomas, triple dial 356
Tiffany & Co., astronomical 495

Taunton, Somerset County Museum, watches stolen 372

Tavern clock see Wall clock

Taylor of Congerstone 45
Taylor of Coventry 52
Taylor, Rev. 52

Taylor, J., Coventry Watch Movement Manufacturing Co. debtor 518

Telescope, Short, James 230

Thatcher of Cranbrook, lantern clock, stolen 90

Thermometer, V20

Blondeau of Paris, table regulator - 9
Garnier, Paul 414
Robin of Paris, table regulator 11
Tiffany & Co., table clock 495

Thirkeld, William, William Jaques debtor 344
Thomas, Richard, bracket clock, stolen 90
Thompson & Vine, watch No.13933, stolen 558
Thompson, William 345
Thoms, Frederick, watch-case maker 144
Thomson see Aird & Thomson

Thorneloe, A. N., Coventry Watch Movement Manufacturing Co. debtor 518

Thorneloe, Richard 504
Thorpe, J., bracket clock, stolen 468
Thorpe, see Bonnington & Thorpe

Threlkeld, Deodatus 482
Thuret, Isaac, mantel clock (religieuse) 332
Thuret of Pans, V20

Boulle marquetry cased clock 252
Thwaites & Reed, turret clock 247
Thwaites of London, bracket clock, stolen 88
Ticehurst of Rye, wall clock, stolen 279
Tidal indication, Prevost, William, longcase clock 483
Tiffany & Co., table clock, astronomical 495
Timex, electric watch 58
Timmis, W., longcase clock, stolen 89
Tobias, Morris, binnacle clock 244

Tolson of London, John ?, William Jaques debtor' 344
Tomlin of London, bracket clock, stolen 467
Tomlinson, William, William Jaques debtor 343
Tompion & Banger, longcase clock No.502 292
Tompion & Graham, watch No.4550 265V20
Tompion, Geo, watch No.344 265V20
Tompion, Rd., watch 1809 265V20
Tompion, Thomas 341V20
astrolabic longcase clock 360V20
bracket clock No.212 113, 204V20
bracket clock No.217 484V20
bracket clock No.222 485V20
bracket clock No.226 204V20
bracket clock No.376 or 367 259V20
longcase clock, astrolabic dial 360V20
long case clock, marquetry case 207V20
longcase clock, month-going 299V20
longcase clock, night clock 358V20
longcase clock, No.239 100V20
longcase clock, parquetry case 384V20
longcase clock, Williamsburg 148-149V20
planetarium 256V20
watch 209V20
Tomson, William, William Jaques debtor 345V20
Tools, list of Girlish & Baxter 84V20
Tools, used in Coventry Watch Movement Manufacturing Co. 506V20
Topping tool 477V20
Tortoise-shell case, Barber, Benjamin, bracket clock 296V20
Tourbillon, V20
anonymous pocket chronometer 184, 560V20
Arnold/Breguet pocket chronometer No.11 239V20
Audemars Piquet wrist watch 243V20
Jürgensen, Urban, chronometer-watch 98V20
Smith, S. & Sons c chronograph No.1900-S 397V20
Townsend of London, bracket clock 560V20
Trade Catalogues, lecture by William Stuart 60V20
Trade mark, Coventry Watch Movement Manufacturing Co. 515V20
Travelling clock, V20
Gaudron of Pans 405V20
Watson, Samuel 389V20
Trefler, Philip, clockmaker 458V20
Tregent, James, longcase clock 117V20
Trendell of Maidenhead, turret clock 247V20
Trim Castle, AHS visit 61V20
Trippett, Robert 87V20
Troke, John watch, stolen 468V20
Troughton see Cooke, Troughton & Simms V20
Trumpeter Clocks, lecture by Ron Foord 146V20
Tuck, Paul, V20
reports 326-327, 521V20
The Evolution of English Watch Dials, lecture 146V20
Turkish market clock, Barber, Benjamin 296V20
Turner & Co., Coventry Watch Movement Manufacturing Co. debtor 518V20
Turner, A. J., Berthoud in England, Harrison in France 219-239V20
Turnors of Stoke Rochford 129V20
Turret clock, maker, V20
Bremt, A. van de 125V20
Bailey & Co. 248V20
Bailey, W. H., & Co. 333V20
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bilbie, Thomas</td>
<td>526</td>
</tr>
<tr>
<td>BR</td>
<td>333</td>
</tr>
<tr>
<td>Bliant of Hertford</td>
<td>248</td>
</tr>
<tr>
<td>Davies of Shifnal</td>
<td>248</td>
</tr>
<tr>
<td>Day, F.</td>
<td>333</td>
</tr>
<tr>
<td>Dent, E. J.</td>
<td>526</td>
</tr>
<tr>
<td>Evans, David</td>
<td>526</td>
</tr>
<tr>
<td>Evans of Handsworth</td>
<td>248</td>
</tr>
<tr>
<td>Gillett &amp; Bland</td>
<td>526</td>
</tr>
<tr>
<td>Grignion, Thomas</td>
<td>526</td>
</tr>
<tr>
<td>Hawkins, Ambrose</td>
<td>526</td>
</tr>
<tr>
<td>Hindley of York</td>
<td>537</td>
</tr>
<tr>
<td>IT</td>
<td>333</td>
</tr>
<tr>
<td>JW</td>
<td>333</td>
</tr>
<tr>
<td>Joyce, J. B. &amp; Co.</td>
<td>248</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>256</td>
</tr>
<tr>
<td>Lederle, Georg</td>
<td>458</td>
</tr>
<tr>
<td>Moore, J. &amp; Sons (Royal Exchange)</td>
<td>69-73</td>
</tr>
<tr>
<td>Moore, John</td>
<td>333</td>
</tr>
<tr>
<td>Moore, John &amp; Sons</td>
<td>549</td>
</tr>
<tr>
<td>Murch, Matthew</td>
<td>526</td>
</tr>
<tr>
<td>Nicholas of Clarburg</td>
<td>535</td>
</tr>
<tr>
<td>Pile, Francis</td>
<td>526</td>
</tr>
<tr>
<td>Pollard, T. C.</td>
<td>526</td>
</tr>
<tr>
<td>Potts, William</td>
<td>244</td>
</tr>
<tr>
<td>Pridlam, Lewis</td>
<td>525</td>
</tr>
<tr>
<td>Ronning, John</td>
<td>247</td>
</tr>
<tr>
<td>RS</td>
<td>333</td>
</tr>
<tr>
<td>Smith of Clerkenwell</td>
<td>247</td>
</tr>
<tr>
<td>Smith of Derby</td>
<td>333</td>
</tr>
<tr>
<td>Stumbels, William</td>
<td>526</td>
</tr>
<tr>
<td>Thwaites &amp; Reed</td>
<td>247</td>
</tr>
<tr>
<td>Trendell of Maidenhead</td>
<td>247</td>
</tr>
<tr>
<td>Vulliamy of London</td>
<td>526</td>
</tr>
<tr>
<td>Vulliamy, B.L. No.912</td>
<td>278</td>
</tr>
<tr>
<td>Watts, John</td>
<td>333</td>
</tr>
<tr>
<td>White, J.</td>
<td>333</td>
</tr>
<tr>
<td>Wilkins, John senior</td>
<td>34</td>
</tr>
<tr>
<td>Turret clocks, place</td>
<td></td>
</tr>
<tr>
<td>Blist Hill Museum</td>
<td>248</td>
</tr>
<tr>
<td>Coalbrookdale Museum</td>
<td>248</td>
</tr>
<tr>
<td>Coddenham, Suffolk</td>
<td>333</td>
</tr>
<tr>
<td>Colyton, Devon</td>
<td>526</td>
</tr>
<tr>
<td>De Rijp, Netherlands</td>
<td>313</td>
</tr>
<tr>
<td>Devonshire, various</td>
<td>525-527</td>
</tr>
<tr>
<td>Donnington</td>
<td>248</td>
</tr>
<tr>
<td>Dunkeld Cathedral</td>
<td>70</td>
</tr>
<tr>
<td>Elms, St Mary’s church</td>
<td>332</td>
</tr>
<tr>
<td>Eye, Suffolk</td>
<td>333</td>
</tr>
<tr>
<td>Florence, Palazzo Vecchio</td>
<td>458</td>
</tr>
<tr>
<td>Halesworth, Suffolk</td>
<td>333</td>
</tr>
<tr>
<td>Lincoln Cathedral</td>
<td>244</td>
</tr>
<tr>
<td>Market Harborough</td>
<td>40</td>
</tr>
<tr>
<td>Metfield, Suffolk</td>
<td>333</td>
</tr>
<tr>
<td>Newport</td>
<td>248</td>
</tr>
<tr>
<td>Orleton, Herfordshire</td>
<td>547-550</td>
</tr>
</tbody>
</table>
Oxford, Wadham College 256
Rievaulx Abbey 176
Salisbury Cathedral 438-442
Scottish 241
Shrewsbury, Castle Gates Library 248
Shrewsbury, Railway Station 248
Southwold, Suffolk 333
Stowmarket, Suffolk 333
Whitchurch, St Alkmunds 248
Wickham market 332

*Turret Clock Dials*, lecture by Tony Hartridge 528
*Turret Clocks, West Country*, lecture by the Rev. John Scott 525
Tussaud, Joseph 267
Tussaud, Madame 267
Tutet, Edward 549
Tyler, E. J. 85

reports 124-125, 274, 313, 410, 500
review 274

Tyler, George, William Jaques debtor 344
Tyler, W. 52

Ulrich, J. G., marine chronometer 254
Universal Unisonic watch 58
University Club 178
Unwin, D. J. 501

Up-and-down indicator see State-of-wind indicator

Upjohn, see also Smith & Upjohn

Upjohn *Dynasty, The*, lecture by Clive Ponsford 429
Upjohn, James & Co., watch 429
Upjohn, Nathan, longcase clock, stolen 558
Upjohn, Richard, longcase clock 429
Upjohn, Thomas, longcase clock 429

Uppink, M. E., letter [Elizabeth Gaskell] 370

Vale & Co 52

Vallin, Nicholas, carillon clock 1598 284

Vancouver, Captain George, Timekeepers of, lecture by Dr. Alun Davies 331

Varignon, Pierre 223
Vaughan, Denys, appointed editor AH 123
Ventilator, Patent lever, Moore, J. & Sons 70
Vernay, Arthur 149
Vero, John 52
Vero of Hinkley 45
Veysie, John 445
Vialy, Louis-Rene 227
Vick, Richard, William Jaques debtor 344
Vienna regulator see Regulator, Vienna

Vigne, Charles, mantel clock stolen 280
Vincent, Clare, A 17th Century Gold and Enamelled Watch, lecture 246
Vincentia of Paris, mantel clock, stolen 558
Visbach, Pieter, bracket clock, stolen 372
Vitruvius, De Architectura Libra Decem 161-168
Viviani, Vincenzo 458
Vos, Anton, Zepherds, lecture 147
Vrytoff, Lambertis, watch 246
Vulliamy see also Gray & Vulliamy

Vulliamy of London, bracket clock No.564, stolen 280
Vulliamy of London, carriage clock 259
Vulliamy of London, clocks 66-68
Vulliamy of London, dial clock No.1822 291
Vulliamy of London, dial clock No.1824 291
Vulliamy of London, mantel clock No.1486 195
Vulliamy of London, mantel clock, No.798, stolen 90
Vulliamy of London, pedestal clock 1
Vulliamy of London, regulator 410
Vulliamy of London, turret clock 526
Vulliamy of London, weather vane 67-68

Vulliamy, Benjamin Lewis
Vulliamy, Benjamin Lewis, bracket clock No.761 278
Vulliamy, Benjamin Lewis, letters from 178-179
Vulliamy, Benjamin Lewis, longcase clock No.350 278
Vulliamy, Benjamin Lewis, mantel clock No.863 278
Vulliamy, Benjamin Lewis, turret clock No.912 278
Vulliamy, Benjamin Lewis, wall clock No.328 278
Vulliamy, Benjamin Lewis, wall clock No.757 278
Vulliamy, Benjamin Lewis, wall clock No.837 278
Vulliamy, Benjamin Lewis, wall clock No.841 278

Vulliamy, Justin
Vulliamy, Justin, half-quarter repeating clock-watch 209
Vulliamy, Justin, mantel clock 122

Vulliamy's Premises, A Visit To, by Beresford Hutchinson 66-68
Vulliamy's Premises, A Visit To, by Beresford Hutchinson, watch case maker's mark 372

Waddington, R.
Waddington, R., Coventry Watch Movement Manufacturing Co. debtor 518
Wade, Charles 523
Wadey, John, letter [AHS finance and membership] 181
Wadge, C., 400-Day Clocks, lecture 243
Wadsworth, Francis 56
Wadsworth, Francis, obituary of Vaudrey Mercer 500
Wager, Richard, sundial, stolen 182
Wainwright, Humphrey, watch No.2309 55
Wainwright, William, watch No.37009 53
Walder, Thomas, bracket clock 486
Walker & Hughes, dials by 43, 44
Walker, John, wall regulator 96
Walker, Thomas, bracket clock 149
Wall clock, anonymous French, stolen 89
Wall clock, Arnold & Dent, stolen 89
Wall clock, Barnsdale of London, stolen 468
Wall clock, Becker, Gustav, stolen 89
Wall clock, Berthoud, Ferdinand, stolen 279
Wall clock, Brunner of Birmingham, [drop-dial] stolen 558
Wall clock, Chambers, Jonathan 358
Wall clock, Crosbye, Robert 430
Wall clock, Darling, William, [drop-dial] 539
Wall clock, Deacon, Samuel No.29 45
Wall clock, Drury, John 60
Wall clock, East, Edward 357
Wall Clocks, Hooded, lecture by Tom Robinson 60\textsuperscript{V20}
Wallace, Sir Richard 252\textsuperscript{V20}
Walley, Richard, watch 98\textsuperscript{V20}
Wallington, ?Samuel, William Jaques debtor 344\textsuperscript{V20}
Walnut used for clock cases 371\textsuperscript{V20}
Walton, Joseph, watch-case maker 144\textsuperscript{V20}
Ward, Pam, \textit{Optical Aids}, lecture 244-245\textsuperscript{V20}
Wareham, C., Coventry Watch Movement Manufacturing Co. debtor 518\textsuperscript{V20}
Warmer, John 245\textsuperscript{V20}
Warmer, John, report 524\textsuperscript{V20}
Warwick, Robert George, bracket clock 1961, stolen 373\textsuperscript{V20}
Washbourne, G., bracket clock, stolen 183\textsuperscript{V20}
Wass, John 87\textsuperscript{V20}
Watch see also Striking watch\textsuperscript{V20}
Watch,\textsuperscript{V20}

anonymous, Geneva 15\textsuperscript{V20}
anonymous No.53796 516\textsuperscript{V20}
anonymous No.8150, stolen 372\textsuperscript{V20}
anonymous, spherical, stolen 372\textsuperscript{V20}
anonymous with Adam and Eve dial 209\textsuperscript{V20}
anonymous, with skeletonised urn dial 209\textsuperscript{V20}
Antram, Joseph 345\textsuperscript{V20}
Audemars Piguet 242\textsuperscript{V20}
Barraud of London No.178 490\textsuperscript{V20}
Bennett & Clench, stolen 468\textsuperscript{V20}
Benson, J. W., No.34003, stolen 89\textsuperscript{V20}
Berthoud, Ferdinand, No.417 226\textsuperscript{V20}
Biggs, Richard, stolen 468\textsuperscript{V20}
Bird, William, No.303 55\textsuperscript{V20}
Blew, William, stolen 468\textsuperscript{V20}
Boley, William 55\textsuperscript{V20}
Bowman of London No.6177 444\textsuperscript{V20}
Breguet, Abraham Louis, No.27 237\textsuperscript{V20}
Breguet of Paris, montre a tact 209\textsuperscript{V20}
Brown, William, No.7651 55\textsuperscript{V20}
Bukinham of London?
Bullock, Thomas, stolen 89
Bulova, Accutron & Accuquartz 58
Bushman, John, Nos. 189, 234, 251, 623 and 350
5-minute repeater
Butler, S., for Carter, stolen 468
Cameron of Liverpool Nos. 2248 & 9575 444
Cetti, Joseph & Son. No.2777 87
Chamberlain, Nathaniel 345
Connell, William, No.6739, stolen 89
Coventry ebauches etc. 502-518
Coward & Co., stolen 468
Cumming, Alexander 255
Danby of London Nos. 9301, 9315 & 9983 444
Deacon, John, No.324 53
Deacon of Barton 55
Deacon, Samuel No.4 51
Deacon, Samuel No.1305 52
Delander, Daniel No.186 347
Delander, Daniel No.567 347, 348
Donisthorpe, Joseph, No.117 53
Donisthorpe, Richard, No.791 53
Drinkwater, A. H. Nos. 18414 & 22681 516
Dunlop, Andrew, No.782 350
Durie of London Nos. 212, 213 & 214 444
Edwards, Thomas, stolen 468
Emery, Josiah, No.1089 235
Forrest, John, 257
Frost, C. No.8537 515
Gibson, John, stolen 372
Gilkes, Richard, stolen 468
Gordon, F. L. 237
Graham, George 149
Gray, William 55
Gray, William, No.89233 53
Gregson of Paris, No.1999 239
Halstead, Charles 345
Hamilton model 505 electric 58
Harris, I. & Sons, stolen 89
Hobler, Francis, stolen 372
Hunt, William, stolen 468
Jex, Johnson, stolen 468
Johnstone, J., Nos. 9879 & 9880 444
Jolly, William 55
Jurgensen, Jules 15
Kentish, John jnr., 119
Kin & Combe? 515, 514
Knibb, Joseph [clock-watch] 404
Lanco, electric 58
Langley, Nicholas, stolen 468
Le Roy of Paris 267
Le Roy, Pierre, No.4757 234
Le Roy, Pierre, various 326-327
Lee, Roger 53
Lee, Roger, No.2 53
<table>
<thead>
<tr>
<th>Name</th>
<th>Page No.</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lee, Thomas, No.2329</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>Lepine, Jean Antoine</td>
<td>327</td>
<td></td>
</tr>
<tr>
<td>Leroux, John, No.3350, stolen</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>Mairiet, Charles, stolen</td>
<td>182</td>
<td></td>
</tr>
<tr>
<td>Marsh, Edward, No.140, stolen</td>
<td>468</td>
<td></td>
</tr>
<tr>
<td>Omega model 1250</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>Ovingham, Samuel, stolen</td>
<td>372</td>
<td></td>
</tr>
<tr>
<td>Phillips of Salisbury, stolen</td>
<td>468</td>
<td></td>
</tr>
<tr>
<td>Portland of London Nos. 9156 &amp; 9488</td>
<td>444</td>
<td></td>
</tr>
<tr>
<td>Prangley, William, stolen</td>
<td>468</td>
<td></td>
</tr>
<tr>
<td>Price, James, No.946</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>Prior, Edward, Turkish-market, stolen</td>
<td>372</td>
<td></td>
</tr>
<tr>
<td>Qure, Daniel</td>
<td>149</td>
<td></td>
</tr>
<tr>
<td>Qure, Daniel No.4193</td>
<td>347, 350</td>
<td></td>
</tr>
<tr>
<td>Robin, Robert, No.370</td>
<td>236</td>
<td></td>
</tr>
<tr>
<td>Rodania, electric</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>Romilly of Paris</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Salzmann? of Regensburg?</td>
<td>567</td>
<td></td>
</tr>
<tr>
<td>Samuel Stretch</td>
<td>350</td>
<td></td>
</tr>
<tr>
<td>Shenton, Henry</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>Shims, James No.782</td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>Sirost of Paris, No.11/1803</td>
<td>236</td>
<td></td>
</tr>
<tr>
<td>Smith, John, Nos. 3082, 307 &amp; 6016</td>
<td>444</td>
<td></td>
</tr>
<tr>
<td>Sobey, H., No.22097</td>
<td>516</td>
<td></td>
</tr>
<tr>
<td>Stretch, Samuel, No.492</td>
<td>350</td>
<td></td>
</tr>
<tr>
<td>Thompson &amp; Vine No.13933, stolen</td>
<td>558</td>
<td></td>
</tr>
<tr>
<td>Timex, electric</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>Tompion &amp; Graham No.4550</td>
<td>265</td>
<td></td>
</tr>
<tr>
<td>Tompion, Geo., No.344</td>
<td>265</td>
<td></td>
</tr>
<tr>
<td>Tompion, Rd., 1809</td>
<td>265</td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas, striking watch</td>
<td>209</td>
<td></td>
</tr>
<tr>
<td>Troke, John, stolen</td>
<td>468</td>
<td></td>
</tr>
<tr>
<td>Universal Unisonic</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>Upjohn, James &amp; Co.</td>
<td>429</td>
<td></td>
</tr>
<tr>
<td>Vrytoff, Lambertis</td>
<td>246</td>
<td></td>
</tr>
<tr>
<td>Vulliamy, Justin,</td>
<td>209</td>
<td></td>
</tr>
<tr>
<td>Wainwright, Humphrey, No.2309</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>Wainwright, William, No.37009</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>Walley, Richard</td>
<td>98</td>
<td></td>
</tr>
<tr>
<td>Webb, Benjamin, with compass</td>
<td>209</td>
<td></td>
</tr>
<tr>
<td>Webster, William, No.1991, stolen</td>
<td>468</td>
<td></td>
</tr>
<tr>
<td>Wightwick &amp; Moss No.2776, stolen</td>
<td>372</td>
<td></td>
</tr>
<tr>
<td>Williamson, Robert</td>
<td>345</td>
<td></td>
</tr>
<tr>
<td>Windmills of London Nos. 2884 &amp; 5272</td>
<td>346</td>
<td></td>
</tr>
<tr>
<td>Windmills of London Nos. 5685 &amp; 5862</td>
<td>347</td>
<td></td>
</tr>
<tr>
<td>Windmills of London, Nos. 3820, 5862 and 8772</td>
<td>350</td>
<td></td>
</tr>
<tr>
<td>Windmills of London, repeating &amp; striking watch</td>
<td>347</td>
<td></td>
</tr>
<tr>
<td>Windmills, Joseph Nos. 0717 &amp; 0904</td>
<td>350</td>
<td></td>
</tr>
<tr>
<td>Windmills, Thomas, Nos. 3135 &amp; 4570</td>
<td>350</td>
<td></td>
</tr>
<tr>
<td>Windmills, Thomas No.6651</td>
<td>347</td>
<td></td>
</tr>
<tr>
<td>Windmills, Thomas, Nos. 7303-7903</td>
<td>347</td>
<td></td>
</tr>
<tr>
<td>Windmills, Thomas, watch No.6651</td>
<td>347</td>
<td></td>
</tr>
<tr>
<td>Wright, John</td>
<td>475</td>
<td></td>
</tr>
</tbody>
</table>

Watch-case maker, V20

<table>
<thead>
<tr>
<th>Name</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achurch, William</td>
<td>341</td>
</tr>
<tr>
<td>Armstrong, John</td>
<td>535</td>
</tr>
<tr>
<td>Name</td>
<td>Page Numbers</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>associated with William Jaques</td>
<td>341</td>
</tr>
<tr>
<td>Delander, Nathaniel</td>
<td>341, 353</td>
</tr>
<tr>
<td>Duck, Henry</td>
<td>348</td>
</tr>
<tr>
<td>Hardy, Thomas</td>
<td>398, 496</td>
</tr>
<tr>
<td>Hardy, Thomas</td>
<td>398</td>
</tr>
<tr>
<td>How, Thomas</td>
<td>341</td>
</tr>
<tr>
<td>Jaques, Sarah</td>
<td>347</td>
</tr>
<tr>
<td>Jaques, William</td>
<td>340-355</td>
</tr>
<tr>
<td>Lee, John</td>
<td>341, 347</td>
</tr>
<tr>
<td>Oliver, A. T. &amp; R. J.</td>
<td>144</td>
</tr>
<tr>
<td>Thorns, Frederick</td>
<td>144</td>
</tr>
<tr>
<td>Walton, Joseph</td>
<td>144</td>
</tr>
<tr>
<td>Willoughby, John</td>
<td>341</td>
</tr>
<tr>
<td>Wright, Jo</td>
<td>341</td>
</tr>
</tbody>
</table>

**Watch-case makers' marks,**

<table>
<thead>
<tr>
<th>Mark</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH</td>
<td>516</td>
</tr>
<tr>
<td>IB</td>
<td>475</td>
</tr>
<tr>
<td>Ia, WI, IW and Wi</td>
<td>352</td>
</tr>
<tr>
<td>RJP</td>
<td>516</td>
</tr>
<tr>
<td>WI, IW, SG, SI,II, Ia and Wi</td>
<td>340-355</td>
</tr>
<tr>
<td>VW</td>
<td>372</td>
</tr>
<tr>
<td>WB</td>
<td>35</td>
</tr>
</tbody>
</table>

**Watch-case makers' marks for sterling and Britannia silver**

<table>
<thead>
<tr>
<th>Mark</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH</td>
<td>516</td>
</tr>
<tr>
<td>IB</td>
<td>475</td>
</tr>
<tr>
<td>Ia, WI, IW and Wi</td>
<td>352</td>
</tr>
<tr>
<td>RJP</td>
<td>516</td>
</tr>
<tr>
<td>WI, IW, SG, SI,II, Ia and Wi</td>
<td>340-355</td>
</tr>
<tr>
<td>VW</td>
<td>372</td>
</tr>
<tr>
<td>WB</td>
<td>35</td>
</tr>
</tbody>
</table>

**Watch Dials, English, The Evolution of lecture by Paul Tuck**

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webster</td>
<td>14</td>
</tr>
</tbody>
</table>

**Watches, Complicated, lecture by Antoine Simonin**

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webster</td>
<td>52</td>
</tr>
</tbody>
</table>

**Watches of 18th century France, lecture by Professor A. Chapiro**

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webster</td>
<td>326-327</td>
</tr>
</tbody>
</table>

**Watch-paper,**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deacon; Samuel</td>
<td>52</td>
</tr>
<tr>
<td>Gray &amp; Co.</td>
<td>55</td>
</tr>
<tr>
<td>Jolly, William</td>
<td>31</td>
</tr>
<tr>
<td>'Lambert Daniel'</td>
<td>55</td>
</tr>
<tr>
<td>Lindley of Leicester</td>
<td>51</td>
</tr>
</tbody>
</table>

**Water Clock,**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ctesibius</td>
<td>161-162</td>
</tr>
<tr>
<td>Perrault, Claude</td>
<td>161-168</td>
</tr>
</tbody>
</table>

**Waterhouse, Alfred**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waterhouse</td>
<td>528</td>
</tr>
<tr>
<td>Watkins, Ernest</td>
<td>312</td>
</tr>
<tr>
<td>Watson, Eric</td>
<td>501</td>
</tr>
</tbody>
</table>

**Watson, Eric, Horology and the Making of Orreries, lecture**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watson, R.</td>
<td>243</td>
</tr>
</tbody>
</table>

**Watson, Samuel, Coventry Watch Movement Manufacturing Co. debtor**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watson, Samuel</td>
<td>482</td>
</tr>
</tbody>
</table>

**travelling clock**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watts, G. &amp; F. E.</td>
<td>54</td>
</tr>
<tr>
<td>Watts, John, turret clock</td>
<td>333</td>
</tr>
<tr>
<td>WB, watch-case maker</td>
<td>516</td>
</tr>
</tbody>
</table>

**Weather vane, by Vulliamy**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weatherfield, David</td>
<td>148</td>
</tr>
<tr>
<td>Weather vane by Vulliamy</td>
<td>67-68</td>
</tr>
</tbody>
</table>

**Weatherfield, David, collection**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weatherfield, David, collection</td>
<td>148</td>
</tr>
</tbody>
</table>

**Weaving, Alan**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weaving, Alan</td>
<td>245</td>
</tr>
</tbody>
</table>

**Webb, Benjamin, watch with compass**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webb, Benjamin</td>
<td>209</td>
</tr>
</tbody>
</table>

**Webb of Chewstoke?, clockmaker**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webb of Chewstoke?, clockmaker</td>
<td>527</td>
</tr>
</tbody>
</table>

**Webster of Hugglescote**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webster of Hugglescote</td>
<td>45</td>
</tr>
</tbody>
</table>

**Webster of London, bracket clock, stolen**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webster of London, bracket clock, stolen</td>
<td>182</td>
</tr>
</tbody>
</table>

**Webster, Percy**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webster, Percy</td>
<td>148, 312</td>
</tr>
</tbody>
</table>

**Webster, Peter, letter ['Joseph Cetti & Son]**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webster, Peter, letter ['Joseph Cetti &amp; Son']</td>
<td>87</td>
</tr>
</tbody>
</table>

**Webster, William, watch No.1991, stolen**

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webster, William, watch No.1991, stolen</td>
<td>468</td>
</tr>
</tbody>
</table>

**Water Clock, Waterhouse, Alfred, Watkins, Ernest, Watson, Eric, Horology and the Making of Orreries, lecture**

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webster</td>
<td>243</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watson, R., Coventry Watch Movement Manufacturing Co. debtor</td>
<td>518</td>
</tr>
<tr>
<td>travelling clock</td>
<td>389</td>
</tr>
<tr>
<td>Weaving, Alan</td>
<td>245</td>
</tr>
<tr>
<td>Webb, Benjamin</td>
<td>209</td>
</tr>
<tr>
<td>Webb of Chewstoke?, clockmaker</td>
<td>527</td>
</tr>
<tr>
<td>Webster of Hugglescote</td>
<td>45</td>
</tr>
<tr>
<td>Webster of London, bracket clock, stolen</td>
<td>182</td>
</tr>
<tr>
<td>Webster, Percy</td>
<td>148, 312</td>
</tr>
<tr>
<td>Webster, Peter, letter ['Joseph Cetti &amp; Son']</td>
<td>87</td>
</tr>
<tr>
<td>Webster, William, watch No.1991, stolen</td>
<td>468</td>
</tr>
</tbody>
</table>
Wedgewood, Josiah 56\textsuperscript{V20}
Weeks of London, bracket clock, stolen 467\textsuperscript{V20}
Wehrle, Emelian 146\textsuperscript{V20}
Welsby & Ansell, Coventry Watch Movement Manufacturing Co. debtor 518\textsuperscript{V20}
Wendith, Charles, longcase clock, stolen 182\textsuperscript{V20}
Weston, Sarah 465\textsuperscript{V20}
Whately, George 230\textsuperscript{V20}
Wheel-cutting engine 72\textsuperscript{V20}
Wyke of Liverpool 255\textsuperscript{V20}
Wheeler see Desbois & Wheeler\textsuperscript{V20}
Wheeler, Thomas, bracket clock, stolen 183\textsuperscript{V20}
Whitchurch, St Alkmunds, turret clock 248\textsuperscript{V20}
White & Son, Coventry Watch Movement Manufacturing Co. debtor 518\textsuperscript{V20}
White, E.\textsuperscript{V20} carriage clock, stolen 467\textsuperscript{V20}
desk clock No.1831-66, stolen 89\textsuperscript{V20}
White, G., \textit{Precise Ratio Epicyclic Gears By Onesiphore Pecquer} 446-456\textsuperscript{V20}
White, J., epicyclic gears 456\textsuperscript{V20}
White, J. turret clock 333\textsuperscript{V20}
White, Sir George, Lantern Clocks, lecture 524\textsuperscript{V20}
Whitehead & Sons., wall clock, stolen 280\textsuperscript{V20}
Whitehurst, John of Derby, lecture by Maxwell Craven 56\textsuperscript{V20}
Whitehurst, John 57\textsuperscript{V20}
Whitelaw, James, longcase clock, stolen 183\textsuperscript{V20}
Whithnall, J., longcase clock, stolen 558\textsuperscript{V20}
Whittingham, Edward, bracket clock, stolen 183\textsuperscript{V20}
Whyte, Donald, letter [James Ritchie] 369\textsuperscript{V20}
Whyte, Philip 358-359\textsuperscript{V20}
letter [Poole & Co.] 81\textsuperscript{V20}
Wi see Willoughby, John\textsuperscript{V20}
Wi see Jaques, William\textsuperscript{V20}
Wickes, Jonathan, bracket clock, stolen 183\textsuperscript{V20}
Wightman, William 341\textsuperscript{V20}
Wightwick & Moss, watch No.2776, stolen 372\textsuperscript{V20}
Wigley see Dennison Wigley\textsuperscript{V20}
Wild, James, bracket clock, stolen 183\textsuperscript{V20}
Wilkins, John 43,51\textsuperscript{V20}
Wilkins, John junior, clockmaker 34\textsuperscript{V20}
Wilkins, John senior,\textsuperscript{V20} longcase clock 34\textsuperscript{V20}
turret clock 34\textsuperscript{V20}
Wilkins, Thomas, longcase clocks 34\textsuperscript{V20}
Willard, Aaron, longcase clock 149\textsuperscript{V20}
Williams, William, bracket clock, stolen 558\textsuperscript{V20}
Williamsburg, AHS visit 148-149\textsuperscript{V20}
Williamson, John, longcase clock 363\textsuperscript{V20}
Williamson, Joseph, William Jaques debtor 344\textsuperscript{V20}
equation longcase clock 258\textsuperscript{V20}
Williamson of Coventry, watchmakers 516\textsuperscript{V20}
Williamson, Robert, watch 345\textsuperscript{V20}
Willoughby, John, watch-case maker 341\textsuperscript{V20}
punch marks 350-352\textsuperscript{V20}
Wilna Observatory 315\textsuperscript{V20}
Wilson & Sons, bracket clock, stolen 467\textsuperscript{V20}
Wilson, Joshua, William Jaques debtor 343\textsuperscript{V20}
Wilson of Nuneaton 46\textsuperscript{V20}
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winding, automatic, Breguet, A. L., watch No.27</td>
<td>237</td>
</tr>
<tr>
<td>Windmills, Joseph &amp; Company, William Jaques debtor</td>
<td>344</td>
</tr>
<tr>
<td>Windmills, Joseph &amp; Thomas, lecture by J. A. Neale</td>
<td>525</td>
</tr>
<tr>
<td>Windmills, Joseph and Thomas</td>
<td>341</td>
</tr>
<tr>
<td>Windmills of London</td>
<td>217-218</td>
</tr>
<tr>
<td>- bracket clock</td>
<td></td>
</tr>
<tr>
<td>- repeating clock-watch</td>
<td>347</td>
</tr>
<tr>
<td>- watch Nos. 2884 &amp; 5272</td>
<td>346</td>
</tr>
<tr>
<td>- watch Nos. 5685 &amp; 5862</td>
<td>347</td>
</tr>
<tr>
<td>- watch Nos. 3820, 5862 &amp; 8772</td>
<td>350</td>
</tr>
<tr>
<td>Windmills, Joseph,</td>
<td>288</td>
</tr>
<tr>
<td>- bracket clock, marquetry case</td>
<td></td>
</tr>
<tr>
<td>- longcase clock, walnut case</td>
<td>350</td>
</tr>
<tr>
<td>- watch Nos. 0717 &amp; 0904</td>
<td></td>
</tr>
<tr>
<td>Windmills, Thomas,</td>
<td>350</td>
</tr>
<tr>
<td>- watch Nos. 3135 &amp; 4570</td>
<td></td>
</tr>
<tr>
<td>- watch No.6651</td>
<td>347</td>
</tr>
<tr>
<td>- watch No.7303</td>
<td>347</td>
</tr>
<tr>
<td>- watch Nos. 7303 &amp; 7903</td>
<td>347</td>
</tr>
<tr>
<td>Windsor Castle, clock by Thomas Wright</td>
<td>430</td>
</tr>
<tr>
<td>Winkler, metronome</td>
<td>431</td>
</tr>
<tr>
<td>Winrow William ?, William Jaques debtor</td>
<td>344</td>
</tr>
<tr>
<td>Winterton, John, letter [journal]</td>
<td>82-83</td>
</tr>
<tr>
<td>Winterton, John, reports</td>
<td>143, 241, 242, 426</td>
</tr>
<tr>
<td>Wise, S. J., clock</td>
<td>247</td>
</tr>
<tr>
<td>Wolf's teeth gears</td>
<td>239</td>
</tr>
<tr>
<td>Wolfendale, Professor Arnold, FRS., portrait</td>
<td>519</td>
</tr>
<tr>
<td>Wood see also Darling &amp; Wood</td>
<td>201</td>
</tr>
<tr>
<td>Wood, Christopher, letter [walnut longcase clock cases]</td>
<td>371</td>
</tr>
<tr>
<td>Wood, Christopher, What's Wrong With Hardy's Escapement</td>
<td>315-323</td>
</tr>
<tr>
<td>Wood, Thomas James, bracket clock</td>
<td>401</td>
</tr>
<tr>
<td>Wood, Thomas, patent alarm system</td>
<td>244</td>
</tr>
<tr>
<td>Wood-Heath, David, reports</td>
<td>245, 330</td>
</tr>
<tr>
<td>Woodhall, William, machinist-toolmaker</td>
<td>506</td>
</tr>
<tr>
<td>Wooley, John</td>
<td>465</td>
</tr>
<tr>
<td>Woolsthorpe Manor, Lincolnshire, sundials</td>
<td>126, 129, 130, 131</td>
</tr>
<tr>
<td>Worgan, Matthew, tavern clock, stolen and found</td>
<td>90</td>
</tr>
<tr>
<td>World-time see Dial, world-time</td>
<td></td>
</tr>
<tr>
<td>Worley, Simon, longcase clock, stolen</td>
<td>468</td>
</tr>
<tr>
<td>Worshipful Company see Clockmakers etc.</td>
<td></td>
</tr>
<tr>
<td>Wrapson, James, bracket clock, stolen</td>
<td>467</td>
</tr>
<tr>
<td>Wren, Sir Christopher</td>
<td>256</td>
</tr>
<tr>
<td>Wrench William ?, William Jaques debtor</td>
<td>344</td>
</tr>
<tr>
<td>Wright, Jan, Master Clocks, lecture</td>
<td>427</td>
</tr>
<tr>
<td>Wright, John, watch</td>
<td>475</td>
</tr>
<tr>
<td>Wright, John, watch-case maker</td>
<td>341</td>
</tr>
<tr>
<td>Wright, Joseph</td>
<td>56</td>
</tr>
<tr>
<td>Wright, Robert</td>
<td>444</td>
</tr>
<tr>
<td>Wright, Thomas, William Jaques debtor</td>
<td>344</td>
</tr>
<tr>
<td>Wright, Thomas, mantel clock</td>
<td>430</td>
</tr>
<tr>
<td>Wright, William, longcase clock</td>
<td>356</td>
</tr>
<tr>
<td>Wrist-watch,</td>
<td></td>
</tr>
<tr>
<td>- Audemars Piguet</td>
<td>242</td>
</tr>
<tr>
<td>- Dent of London</td>
<td>370</td>
</tr>
<tr>
<td>- Dent of London No.49938</td>
<td>464</td>
</tr>
<tr>
<td>- Dent of London No.49986</td>
<td>370</td>
</tr>
</tbody>
</table>
earliest 370V20
Jürgensen, Urban, No.088 19V20
Patek Philippe & Co 19V20
Wry of London ?, William Jaques debtor 344V20
Wycherley, Hewitt & Co 503V20
Wycherley, John, patent watch frame 503V20
Wyke of Liverpool wheel-cutting engine 255V20
Y 549V20
Yates, T. 549V20
Yeomans, S., Coventry Watch Movement Manufacturing Co. debtor 518V20
Yeomans, Samuel 504, 510V20
York, Clockmaking in, by John Setchell 534-540V20
York, Clockmaking in, lecture by John Setchell 24V20
York Observatory 53V20
Z 52V20
Zeeman, Jaap, Painting on Dutch Clocks, lecture 52V20
THE ANTIQUARIAN HOROLOGICAL SOCIETY
(A company limited by guarantee)

Members of Council and Officers as at Winter 1994
President: PROFESSOR ARNOLD WOLFENDALE, FRS.
Vice-Presidents: C. K. AKED; C. B. DROVER, TD; T. O. ROBINSON.

Members of Council: C. R. P. ALLIX; J. ARNFIELD; C. BIRD; M. BUNDOCK (co-opted); C. J. HURRION (co-opted); M. G. HURST; R. J. LAW; J. H. LEOPOLD; Mrs. R. SHENTON; M. M. SMITH; A. A. TREHERNE; J. H. F. WADSWORTH; A. H. WEAVING.

Secretary: Mrs. M. COLLINS.
Editor Antiquarian Horology: D. VAUGHAN.

Editorial Advisory Panel: C. R. P. ALLIX; M. G. HURST; R. J. LAW.

Publications Committee: C. R. P. ALLIX; J. H. LEOPOLD; T. O. ROBINSON; Mrs. R. SHENTON.

Technical Enquiries Officer: J. H. F. WADSWORTH.

Advertising Agents: A. & P. LAW.

Solicitors: STUART, HURRION and Co, 112 Powis Street, Woolwich, London SE1 8 6LU.
Auditors: JOHN L. HASTINGS, Suite 1, Iivyholme, Station Road, Heathfield, East Sussex TN21 8LB.
Hon. Librarian: J. H. LEOPOLD.

SCOTTISH SECTION
Chairman: Dr M. DAREAU. Hon. Secretary: G. CAMPBELL. Hon. Treasurer: J. J. MACONOCHEL.

NORTHERN SECTION
Chairman: J. ARNFIELD. Hon. Secretary: B. PERCIVAL. Hon. Treasurer: P. G. TORRY.

MIDLANDS SECTION
Chairman: D. E. JONES. Hon. Secretary: T. SIMMS. Hon. Treasurer: P. SPRUCE.

EAST ANGLIAN SECTION
Chairman: C. BIRD. Hon. Secretary: R. H. A. MILES. Hon. Treasurer: S. W. WATKINSON.

SOUTH EASTERN SECTION
Chairman: A. WEAVING. Hon. Secretary: Miss S. MEEK. Hon. Treasurer: K. SORRILL.

SOUTHERN SECTION
Chairman: T. O. ROBINSON. Hon. Secretary: W. K. SHENTON. Hon. Treasurer: D. A. SMITH.

WEST COUNTRY SECTION
Chairman: T. TAYLOR. Hon. Secretary: C. PONSFORD. Hon. Treasurer: G. REDDYHOFF.

ULSTER SECTION
Chairman: Prof C. P. ADAMS. Hon. Secretary & Hon. Treasurer: H. W. M. GILMORE.

IRISH SECTION
Chairman: W. G. STUART. Hon. Secretary: D. BOLES.

AMERICAN SECTION
President: J. W. SHEPRO. Secretary: E. EDWARDS. Treasurer: M. RIMLER.
London Liaison Officer: N. LANGMAID.

DUTCH SECTION
Chairman: J. ZEEMAN. Hon. Secretary: C. HOFLAND. Hon Treasurer: N. PAAP.

CANADIAN SECTION
Chairman: C. G. MURRAY. Hon. Secretary: R. WILSON. Hon. Treasurer: P. BUCKLEY.

TURRET CLOCK GROUP
Chairman: G. GOODSHIP. Hon. Secretary: A. MITCHELL. Hon. Treasurer: J. COWSHILL.

ELECTRICAL HOROLOGY GROUP
Chairman: G. GOODSHIP. Hon. Secretary: A. MITCHELL. Hon. Treasurer: J. COWSHILL.

Printed for the A.H.S. by Thanet Telen Printing, 67 John Wilson Business Park, Thanet Way, Whitstable, Kent CT5 3QT.
VOLUME TWENTY-ONE

PAGINATION OF ISSUES

<table>
<thead>
<tr>
<th>Issue No.</th>
<th>Issue Details</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Autumn 1993</td>
<td>1-92</td>
</tr>
<tr>
<td>2</td>
<td>Winter 1993</td>
<td>93-184</td>
</tr>
<tr>
<td>3</td>
<td>Spring 1994</td>
<td>185-284</td>
</tr>
<tr>
<td>4</td>
<td>Summer 1994</td>
<td>285-376</td>
</tr>
<tr>
<td>5</td>
<td>Autumn 1994</td>
<td>377-468</td>
</tr>
<tr>
<td>6</td>
<td>Winter 1994</td>
<td>469-568</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>569-584</td>
</tr>
</tbody>
</table>
## LIST OF ARTICLES

**Antiquarian Horology and the proceedings of the Antiquarian Horological Society**

Issued Quarterly to Members

Editor: Denys Vaughan

<table>
<thead>
<tr>
<th>Article</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christiaan Huygens, the Royal Society and Horology By J . H. Leopold</td>
<td>37-42V21</td>
</tr>
<tr>
<td>The Astronomers Royal and the Problem of Longitude By Derek Howse</td>
<td>43-51V21</td>
</tr>
<tr>
<td>John Harrison Copley Medallist By Andrew King</td>
<td>52-59V21</td>
</tr>
<tr>
<td>The Eighteenth Century Transits of Venus, The Voyages of Captain James Cook and the Early Development of the Marine Chronometer By Jonathan Betts</td>
<td>60-69V21</td>
</tr>
<tr>
<td>The Pit and the Pendulum: G. B. Airy and the Determination of Gravity By Allan Chapman</td>
<td>70-78V21</td>
</tr>
<tr>
<td>Vulliamy Musical Clocks for the Turkish Market: The Benhacok Clocks By Roger Smith and David Thompson</td>
<td>118-131V21</td>
</tr>
<tr>
<td>A Minute Repeating Watch Circa 1715 Friedburg's Ingenuity in a Biased Market By Sebastian Whitestone</td>
<td>145-157V21</td>
</tr>
<tr>
<td>Early Lancashire Watch Fusee Engines (Part I) By P. H. J. Baker,</td>
<td>215-228V21</td>
</tr>
<tr>
<td>A Mid-Eighteenth Century Alarm by Gray &amp; Vulliamy By Charles Allix</td>
<td>241-243V21</td>
</tr>
<tr>
<td>Horology and Navigation, the Chronometers on Vancouver's Expedition, 1791-95 By Alun C. Davies 244-255V21</td>
<td></td>
</tr>
<tr>
<td>Early Astronomical Watches By George Foster</td>
<td>256-261V21</td>
</tr>
<tr>
<td>Early Lancashire Watch Fusee Engines (Part II) By P. H. J. Baker,</td>
<td>315-321V21</td>
</tr>
<tr>
<td>Horology Under The Hammer Auction Review 1993, Part 2 - Clocks By Paul Tuck</td>
<td>335-341V21</td>
</tr>
<tr>
<td>An Examination of the Cases of Two Tompion Year Equation Clocks By Tom Robinson</td>
<td>342-349V21</td>
</tr>
<tr>
<td>The Planet Watchers of Greenwich: From <em>Household Words</em>, a Weekly Journal conducted by Charles Dickens</td>
<td>350-351V21</td>
</tr>
<tr>
<td>The Art of Time at Havard: Museum Exhibitions at the Longitude Symposium, 1993 By Alun C. Davies 352-358V21</td>
<td></td>
</tr>
<tr>
<td>The 'Robert The Bruce' Watch By David Thompson</td>
<td>407-414V21</td>
</tr>
<tr>
<td>Vulliamy Clock Numbering A Postscript By Roger Smith</td>
<td>427-429V21</td>
</tr>
<tr>
<td>John Smith, Pittenweem, 1770-1814 Final Part By the Late Felix Hudson</td>
<td>430-437V21</td>
</tr>
<tr>
<td>Who Was Charles Shepard? By Dr E G. Alan Shenton</td>
<td>438-445V21</td>
</tr>
<tr>
<td>Restoration of the 'Gros Horloge' at Rouen in 1889 By A. J. Turner</td>
<td>446-447V21</td>
</tr>
<tr>
<td>Watchmaking in Wales, Part 1 By D. H. Bacon</td>
<td>495-506V21</td>
</tr>
<tr>
<td>Charles Shepherd's Electric Clocks By Denys Vaughan</td>
<td>519-530V21</td>
</tr>
<tr>
<td>Notes on Toy Watches By Simon Bendall</td>
<td>531-535V21</td>
</tr>
<tr>
<td>Clocks in the Greenwich List of Observatories Amendment List No.1 By Derek Howse</td>
<td>536-539V21</td>
</tr>
<tr>
<td>A Perpetual Almanack By Charles K. Aked</td>
<td>540-549V21</td>
</tr>
</tbody>
</table>
# INDEX TO VOLUME TWENTY-ONE

**Compiled by Brian Sparks**

Page numbers in bold type denote an illustration

- AHS Section and Group meetings lectures are indexed under title and author. For all other activities e.g. tours, 'Club Night', discussions etc see 'Sections Visits'.

## A

<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abernathy, Philip, talk on Toronto City Hall clock</td>
<td>328</td>
</tr>
<tr>
<td>Achard et fils, gold brooch form watch, stolen</td>
<td>459</td>
</tr>
<tr>
<td>Act of Parliament Clocks, E. J. Tyler letter</td>
<td>82</td>
</tr>
<tr>
<td>Airy, George, 7th Astronomer Royal (1835-1881), and Gravity measurements</td>
<td>50, 51, 70-78</td>
</tr>
<tr>
<td>Aked, Charles K.</td>
<td></td>
</tr>
<tr>
<td>A Perpetual Almanack</td>
<td>540-549</td>
</tr>
<tr>
<td>Book reviews</td>
<td>262, 361</td>
</tr>
<tr>
<td>letter, [Harrison's Tomb]</td>
<td>174</td>
</tr>
<tr>
<td>Aked, Sarah, Much Wenlock Chimes, (poem),</td>
<td>555</td>
</tr>
<tr>
<td>Alarm by Gray &amp; Vulliamy</td>
<td>241-243</td>
</tr>
<tr>
<td>Alexander Bain, The Inventions of; lecture by Prof. Burn</td>
<td>417</td>
</tr>
<tr>
<td>Alexander, Chippenham, painted dial longcase stolen</td>
<td>274</td>
</tr>
<tr>
<td>Allen, Aubrey, talk on horological history</td>
<td>327</td>
</tr>
<tr>
<td>Allix, Charles, <em>A Mid-Eighteenth Century</em></td>
<td>241-243, 27</td>
</tr>
<tr>
<td>Allix, C. &amp; Hurrion, C., lecture, <em>Paul Gamier S Carriage Clocks</em></td>
<td>27</td>
</tr>
<tr>
<td>American clock industry</td>
<td>511</td>
</tr>
<tr>
<td>ANCAHA lectures, Paris October 1994- March 1995</td>
<td>405</td>
</tr>
<tr>
<td>Anderson, woodcarver ref. Vulliamy</td>
<td>118</td>
</tr>
<tr>
<td>Anglo-American Enigma, The, lecture by Ron Foord</td>
<td>511</td>
</tr>
<tr>
<td>Anson, Lord, and Longitude</td>
<td>48</td>
</tr>
<tr>
<td>Antiquarian Horological Society</td>
<td></td>
</tr>
<tr>
<td>AGM 1993, reports</td>
<td>25</td>
</tr>
<tr>
<td>AGM 1994, reports</td>
<td>322</td>
</tr>
<tr>
<td>40th Anniversary: notes by Michael Hurst</td>
<td>133</td>
</tr>
<tr>
<td>Chairman's notes</td>
<td>25, 132, 229, 415, 507</td>
</tr>
<tr>
<td>Council:</td>
<td></td>
</tr>
<tr>
<td>election of members</td>
<td>132, 507</td>
</tr>
<tr>
<td>members' specialities</td>
<td>507</td>
</tr>
<tr>
<td>Journal Editorials</td>
<td></td>
</tr>
<tr>
<td>The Royal Society and the Fourth Dimension</td>
<td>23</td>
</tr>
<tr>
<td>A Collaborative Work</td>
<td>115</td>
</tr>
<tr>
<td>Restoration</td>
<td>211</td>
</tr>
<tr>
<td>AHS Medal (Percy Dawson Medal)</td>
<td>311</td>
</tr>
<tr>
<td>Horological Nomenclature, proposed</td>
<td>403</td>
</tr>
<tr>
<td>Horological notes, proposal of</td>
<td>491</td>
</tr>
<tr>
<td>Medal (Percy Dawson Medal)</td>
<td>311</td>
</tr>
<tr>
<td>Secretary s notes</td>
<td>25, 132, 229, 415, 507</td>
</tr>
<tr>
<td>Antram, Robert, 3-train spring clock movement</td>
<td>336</td>
</tr>
<tr>
<td>Appley, Edward, longcase clock by</td>
<td>376</td>
</tr>
<tr>
<td>Armagh Observatory</td>
<td>338</td>
</tr>
<tr>
<td>Armambanduhr see book reviews</td>
<td></td>
</tr>
<tr>
<td>Arnfield, James, CCTV demonstration of complex watches</td>
<td>325</td>
</tr>
<tr>
<td>Arnold, John,</td>
<td></td>
</tr>
<tr>
<td>chronometers No.14, 82, 176</td>
<td>248-249</td>
</tr>
<tr>
<td>influence of Harrison on</td>
<td>60, 66</td>
</tr>
<tr>
<td>pocket chronometer No.11/60</td>
<td>160</td>
</tr>
</tbody>
</table>
No.1/36 ring watch No.228 watch movement No.92 Arnold watch No.317/618, stolen Arraingand le Paris, ormolu mantel clock, stolen Arriss, Coventry Ashworth, Peter, and Craddock, Paul, lecture, Turret Clocks in Royal Residences Astronomical clock

Bate, London, bracket clock 510\textsuperscript{V21}  
Battery Powered Movements, lecture by John Howell 330\textsuperscript{V21}  
Bayley, James, longcase clock by 373\textsuperscript{V21}  
Bayr, George, tulip-shaped watch 411\textsuperscript{V21}  
Becker, Gustav, Vienna regulator, stolen 178\textsuperscript{V21}  
Beckford, William 128\textsuperscript{V21}  
Beinder, Daniel (research request) 83\textsuperscript{V21}  
Belmont Park 514\textsuperscript{V21}  
Bendall, Simon, Notes on Toy Watches 531-535\textsuperscript{V21}  
Benhacock & Co. 118, 129\textsuperscript{V21}  
Bermondsey church, turret clock 129\textsuperscript{V21}  
Berry, James, Presot 500\textsuperscript{V21}  
Bertele, Hans von, Collection 21\textsuperscript{V21}  
Berthoud, Ferdinand, marble and ormolu clock 303\textsuperscript{V21}  
Berthoud, Louis, and longitude 509\textsuperscript{V21}  
Besançon watch industry Bicentenary celebration 405\textsuperscript{V21}  
Bethel, repairer 259\textsuperscript{V21}  
Betts, Jonathan, book review 263\textsuperscript{V21}  
comments on Charles Dickens's Planet- Watchers 351\textsuperscript{V21}  
lecture, Thomas Earnshaw of Ashton-under-Lyne 510\textsuperscript{V21}  
letters, [Rupert Gould] 137, 272\textsuperscript{V21}  
The Transits of Venus, the Voyages of Cook, and the Marine Chronometer 60-69\textsuperscript{V21}  
Bickley, H, description of watchmaking, 1880 505\textsuperscript{V21}  
Bidlake, James, London, Bracket clock 510\textsuperscript{V21}  
Birchall, Thomas, Nantwich, longcase, stolen 273\textsuperscript{V21}  
Bird, Clifford, note on clock & watch insurance 133\textsuperscript{V21}  
Black Forest Clocks in England, lecture by Karl Kochmann 512\textsuperscript{V21}  
Bliss, Nathaniel, 4th Astronomer Royal, (1762-1764) 49\textsuperscript{V21}  
Blundell, Joseph, Dublin, repeating bracket clock 510\textsuperscript{V21}  
Board of Longitude, see Longitude\textsuperscript{V21}  
Bolviller, Paris, Boule mantel clock, stolen 178\textsuperscript{V21}  
Bond, William, regulators at Havard 357\textsuperscript{V21}  
Book reviews, (by author, reviewer's name in brackets):\textsuperscript{V21}  
Brown, Cohn & Mary, The Clockmakers of Llanrwst (Tom Robinson) 450\textsuperscript{V21}  
Bryant, David, Wooden Clock Cases, (J. Robey) 360\textsuperscript{V21}  
Camus, Georges see Gotteland\textsuperscript{V21}  
Gazeley, W. J., Watch and Clock Making and Repairing (A. G. Randall) 79\textsuperscript{V21}  
Gotteland, André, & Camus, Georges, Cadrans Solaire, (C. K. Aked) 361\textsuperscript{V21}  
Loomes, B., The Concise Guide to British Clocks (J. A. Robey) 168\textsuperscript{V21}  
Osterhausen, Fritz von, Wie Kaufe ich eine Alte Armbanduhr (E. J. Tyler) 360\textsuperscript{V21}  
Priestley, Philip T, Watch Case Makers of England: A History and Register of Gold and Silver 550\textsuperscript{V21}  
Watch Case Makers of England, 1720-1920 (J. Neale) 550\textsuperscript{V21}  
Randall, Anthony G, The Time Museum Catalogue of Chronometers (J. Betts) 263\textsuperscript{V21}  
Rawlings, A. L., The Science of Clocks and Watches, 3rd Edn. (J. Arnfield) 359\textsuperscript{V21}  
Riolini-Unger, Adelheid, Freidberger Uhren, (S. Whitestone) 359\textsuperscript{V21}  
Vaughan, D., (Editor), The Royal Society and the Fourth Dimension (C. K. Aked) 262\textsuperscript{V21}  
Booth, Benjamin, Pontefract, bracket clock stolen 177\textsuperscript{V21}  
Borrell, Henry, table clock 472\textsuperscript{V21}  
Bouquet, Londini, plain silver watch, stolen 459\textsuperscript{V21}  
Bouvier, Amy, c. 1690, engraved silver watch, stolen 459\textsuperscript{V21}  
Bowles, David, lecture, Mantel Clocks of the XIX Century 138\textsuperscript{V21}  
Bracket Clock, (see also mantel clock)\textsuperscript{V21}  
Austen, Jonathan, ebonised timepiece, stolen 177\textsuperscript{V21}  
Bartram, Simon, c. 1665 420\textsuperscript{V21}  
Baker, Edward, repeat on 8 bells, stolen 368\textsuperscript{V21}
Bate, London 510^{V21}
Bidlake, James, London 510^{V21}
Booth, Benjamin, Pontefract, mahogany, stolen 177^{V21}
Burleigh, Durham, ebony-veneered, stolen 177^{V21}
Carney, Peter, London 510^{V21}
Constantine 95^{V21}
de Charmes 96^{V21}
Davis, William, ebonised, London, stolen 84^{V21}
Duquesne, Paris, Boulle case and bracket, stolen 177^{V21}
East, Edward, ebony veneered, stolen 558^{V21}
Edwards, R., papier maché balloon case, stolen 177^{V21}
Ellicott, at Havard 356^{V21}
Fabian, Michael, Thorn, hexagonal clock, stolen 177^{V21}
Fairey, John, c. 1795 206^{V21}
Geist, Kilian, Wienn, ebonised, stolen 273^{V21}
Gerrans, brass inlaid mahogany, stolen 273^{V21}
Graham, George, No.630 189^{V21}
Harris, John, Old Jewry, mahogany case, stolen 458^{V21}
Henderson, Robert 336, 337^{V21}
Jackson, Thomas, London 510^{V21}
Jones, Henry, ebonised case, stolen 458^{V21}
Jones, Henry, quarter repeating 203^{V21}
Julian, John, Brentford, stolen 368^{V21}
Knibb, Joseph, 558^{V21}
ebony, Dutch striking, stolen
quarter repeater 390^{V21}
timepiece 114^{V21}
Lenoir, Paris, Boulle case, stolen 368^{V21}
le Roux, John, inverted bell top, stolen 84^{V21}
Lutter, Bath, brass inlaid, white dial, stolen 177^{V21}
McCabe, James, break arch walnut case, stolen 273^{V21}
Maple & Co, carved oak case, stolen 273^{V21}
Markwick, Markham & Perigal (Turkish) 4^{V21}
Martinot, Balthazar 379^{V21}
Meade, John, brass inlaid mahogany, stolen 273^{V21}
Mitchelson, Alexander, red lacquer, stolen 273^{V21}
Murray, James, Royal Exchange, mahogany, stolen 177^{V21}
Panton, Charles 324^{V21}
Philip, London, walnut, stolen 177^{V21}
Philp, Robert 324^{V21}
Prime, Abraham, walnut timepiece, stolen 84^{V21}
Purvis, N. Audley St., Egyptian style, stolen 177^{V21}
Pyke, Jno, ebonised, 6 bells, stolen 368^{V21}
Pyke, John, red lacquer, 6 bells, stolen 273^{V21}
Quare, Daniel, ebony, grande sonnerie, stolen 558^{V21}
Quare quarter repeater at Havard 356^{V21}
Ranch, Carl, Kobenhavn, no.132, Louis XV, stolen 273^{V21}
Rentzsch 134, 135^{V21}
Rimbault, Rail, mahogany, brass arch dial, stolen 177^{V21}
Rimbault, Stephen, London, green lacquer, stolen 84^{V21}
Roberts, Isaac, London, red lacquer, stolen 84^{V21}
Rolyat, John, London, mahogany, stolen 84^{V21}
Russell, Thomas, 3-train, ebonised, stolen 177^{V21}
Smith, Gabriel, Bartholomy, stolen 84^{V21}
Tantum, Dan 324^{V21}
Thwaites, John, musical, at Havard
Tompion, Thomas
ebony quarter repeat bracket clock No.198
‘Medici’ grande sonnerie bracket clock
quarter repeat bracket timepiece
Tucker, Edgware Rd., ebony, silver dial, stolen
Tucker, John, Portsmouth, ebonised, stolen
Viner, ormolu bracket clock
Vullamy (sic), London, mahogany, stolen
Vulliamy family, including Nos. 363, 364, 371, 374
Webster, London, ebonised, 3-train, stolen
Bradley, James, 3rd Astronomer Royal (1742-1762)
Breguet et Fils four-pillar ormolu table clock
Breguet, Paris, Carriage clocks
Breguet, Perpetuelle No.2247
British Mariner’s Guide (Maskelyne)
Brocklesby Park, turret clock
Brooks, Graham, lecture, The Time Products Collection
Brosy, Johann Paul
Brounker, Lord
Brown, Cohn & Mary, book, The Clockmakers of Llanrwst, reviewed
Brown, clockmaker ref. Vulliamy
Bruce, Alexander, 1st Earl of Kincardine
Brusa, C., report
Bryant, David, book, Wooden Clock Cases, reviewed
Bryant, 1795, mahogany longcase, stolen
Bryson, Edinburgh, silvered dial longcase, stolen
Buckney, Thos., pendulum patent
Bulle electric clock, F & J Samuel on the dial, stolen
Bulle Electric Clock, The, lecture by A. Mitchell
Bundock, Mike, lecture, Turret Clocks of Kent
Bundock, M. & Barrett, M., lecture, Gents Pulsynetic System
Burgis, John, longcase clock
Burn, Prof., lecture, The Inventions of Alexander Bain
Buys & Zoon, Swiss Watch
Cadrans Solaire, (Gotteland & Camus), reviewed
Cambridge Observatory
Campbell, G., reports
Campbell, Capt. John
Camus, Georges, see book reviews
Canada Clockmaking in, lecture by James Connor
Cape Of Hood Hope
Capstan & binnacle shaped clock, French c. 1890
Carney, Peter, London, bracket clock
Carriage clock
Barwise, striking
Breguet, Paris
Cole, Thomas, quarter strike
Dent, No.663
No.14806
No.24128
Exhibition at Vitale & Vitale, 1994 (advert)
Frodsham No.560
No.847
Funnell, Edward, 380
LeRoy & Fils, grande sonnerie 18
Margaine, No.20327, grande sonnerie, stolen 84
Paul Garnier's Carriage Clocks, Lecture by Allix & Hurrion 27
Schwab, with barometer, inscribed Brownell, stolen 84
Vietres & Repignon, Paris, stolen 458
White, E. No.691 307

Carrington, Roger, lecture, Watch Case Making in Liverpool 323
Carte, John 157
ref. Samuel Watson 540-549
lantern clock, London, 1697, stolen 558

Cases of Two Tompion Year Equation Clocks, An Examination, by Tom Robinson 342-349

Cathedral style garniture de cheminee, stolen 178
Catlin, King's Lynn, longcase, recovered theft 177
Cattin, J-B, & Outhier, celestial globe clock 391
Cavendish, Henry 70
Cayenne 70
Celestial globe clock by Outhier & Cattin 391
Chamberlain, Thomas, clockwatch ex King Charles II 164
Chaplins, Ashby-de-la-Zouche, 30-hr longcase, stolen 458
Chapman, Dr Alan, The Pit and the Pendulum: Airy's Gravity Determination 70-78
Charles II, King, 38, 43-45, 164
Chatham, Peter lecture, Clocks in Vienna 415

Chesterman, James, his Measuring Tools & Other Activities, lecture by J. Nicholson 229

Chronometer, marine, Barraud No.2/636, 8-day 486
method of Longitude Determination 43
Poole, John, No.2745 295
Shepherd, Charles, senior, Testing at Greenwich 442
Vancouver, belonging to 50, 351

Chronometer, pocket, Arnold, John, No. 1/36 212
repeater No.11/60 160, 161
Earnshaw, Thomas c. 1785 160, 161
Eiffe, no 441 163
Emery, Josiah No.875 160, 161
Fasoldt 166
Morice, David No.196 163

Chronometers, The Time Museum Catalogue of, reviewed 263

Clayton, Raymond, report 422
Clinker, R. C., electrical pendulum clock 513
Clock Restoration course at West Dean 27

Clock and Watchmaking in Dartford, lecture by Adrian Herbert 419

The Clockmaker ceases publication 405

Clocks in the Greenwich List of Observatories: Amendment List No.1, by Derek Howse 536-539

Clocks in Vienna, lecture by Peter Chatham 415
Closed-circuit television, watches shown by 325
Closon, lantern with minute strike by 145
Coins, use of as watch dial blanks 410
Cole, J F, Duplex watch 162
Cole, Thomas, inkwell clock c. 1845 393
inkwell desk clock c. 1865 393
quarter strike carriage clock 399 V21
Cole, Thomas, urn clock 5 V21
Collins, Maria, AHS Secretary, notes 25, 229 V21
Coman, Edward Y., mantel clock, stolen 84 V21
Compass, magnetic, invention of 511 V21
Compass watch, by Randall & Peckham 160 V21
Comtesse, Louis 229 V21
Condliff, James, Turret Clocks by, lecture by Phillip Irvine 418 V21
Condliff, Thomas, skeleton clock 117 V21
Conical Pendulum 41, 357 V21
Connor, James C., lecture, Clockmaking in Canada 327 V21
Constantine, John, bracket clock 95 V21
Continental electric clocks (EHG meeting June 1994) 420 V21
Conyers, London 1735, gold repousse watch, stolen 460 V21
Coo a t. James 60-69 V21
Cooke of York, The Turret Clocks of, lecture by Alan Smith 422 V21
Copland, John, lecture, Rudimentary Horology 509 V21
Cope, Chls Jn, Rathbone Pl., gold watch, No.878, stolen 85 V21
Copley, Sir Godfrey 52 V21
Copley medal, history of 52 V21
Cornwall 62 V21
Cost of watch fusees 365 V21
Coteau, lyre clock 299 V21
Cousens, F., burr walnut mantel clock, stolen 178 V21
Coventry method of watchmaking 505 V21
Coventry Watch Movement Co 495 V21
Coventry, watches with views of, research request 175 V21
Cox, James, automaton clock attributed to 337 V21
Craddock, Paul and Ashworth, Peter, lecture, Turret Clocks in Royal Residences 330 V21
Criswick, G. S., ref Cambridge Observatory 76 V21
Crom, Ted V21
BHI Barret Silver Medal 24 V21
lecture, History of Lancashire Tools 233 V21
lecture, Horological Shop Tools 135 V21
Books on tools etc, [advert] 198 V21
Cronin, John, Prize for carriage clock, 1994 493 V21
Crossthwaite, J, Dublin 510 V21
Crystal Palace, She p herd's electric clock for 438 V21
Customs duty on clocks and watches see taxes V21
Cycloidal cheeks 53 V21
Cycloidal tooth form 68 V21
D V21
Daniels, George, award of honorary DSc 404 V21
Dareau, Michael, report 116 V21
Dartford, Clock and Watchmaking in, lecture by Adrian Herbert 419 V21
Davies, Alun C. V21
The Art of Time at Havard: Museum Exhibitions at the Longitude Symposium, 1993 352-358 V21
lecture, Horology and Navigation, the Chronometers on Vancouver's Expedition, 1791-95 244-
255 V21
Davies, A. C., reports by 138, 234 V21
Davies, Roger, lecture, Links Between the Mechanical Trades 416 V21
Davies, Thomas, Llandovery, mahogany longcase, stolen 458 V21
Davis, William, ebonised bracket clock, London, stolen 84 V21
Dawes, Charles, Halifax, mahogany longcase, stolen 274 V21
Dawson, Percy, medal in memory of see AHS Medal V21
Deal Time Ball, the 137 V21
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>de Charmes, bracket clock</td>
<td>96</td>
</tr>
<tr>
<td>Deck Watches in the Dreadnought Era, lecture by Viscount Midleton</td>
<td>416</td>
</tr>
<tr>
<td>Dent, V21</td>
<td></td>
</tr>
<tr>
<td>carriage clock No.663</td>
<td>205</td>
</tr>
<tr>
<td>No.14806</td>
<td>293</td>
</tr>
<tr>
<td>Dent, M. F., No.24128</td>
<td>292</td>
</tr>
<tr>
<td>chronograph</td>
<td>165</td>
</tr>
<tr>
<td>wall regulator</td>
<td>105</td>
</tr>
<tr>
<td>Dereham, William, ref repeaters</td>
<td>145</td>
</tr>
<tr>
<td>d’Esson, longitude clock</td>
<td>40</td>
</tr>
<tr>
<td>Dickens, Charles, extract from Household Words</td>
<td>350-351</td>
</tr>
<tr>
<td>Dial of Ahaz</td>
<td>352</td>
</tr>
<tr>
<td>Dingwall-Beloe Lectures, notice of</td>
<td>392</td>
</tr>
<tr>
<td>Dixon, Jeremiah</td>
<td>61</td>
</tr>
<tr>
<td>Dodds, London, green lacquer longcase, recovered theft</td>
<td>367</td>
</tr>
<tr>
<td>Dolcoath tin mine, Cornwall</td>
<td>72</td>
</tr>
<tr>
<td>Dorset Clock Museum opened</td>
<td>406</td>
</tr>
<tr>
<td>Drayton House Tompion</td>
<td>342-349</td>
</tr>
<tr>
<td>drumhead mantel timepiece, helmeted Trojan, stolen</td>
<td>458</td>
</tr>
<tr>
<td>Drury, James, gold watch No.299, enamel outer, stolen</td>
<td>459</td>
</tr>
<tr>
<td>Ducommun, orrery table clock c. 1820</td>
<td>478</td>
</tr>
<tr>
<td>Duley, A. J., reports by</td>
<td>138</td>
</tr>
<tr>
<td>Duncan, John, watch with Japanese dial</td>
<td>162</td>
</tr>
<tr>
<td>Dunkin, Edwin, ref. Greenwich Observatory</td>
<td>76</td>
</tr>
<tr>
<td>Duquesne, Paris, Boule case bracket clock stolen</td>
<td>177</td>
</tr>
<tr>
<td>Durham Observatory</td>
<td>76</td>
</tr>
<tr>
<td>Durr, Hans R., letter [Helical mainspring]</td>
<td>367</td>
</tr>
<tr>
<td>Dyson, Coventry</td>
<td>501</td>
</tr>
<tr>
<td>Early English Clocks, Some, lecture by Tom Robinson</td>
<td>420</td>
</tr>
<tr>
<td>Early Methods of Navigation, lecture by Dr Allan Mills</td>
<td>511</td>
</tr>
<tr>
<td>Early Lancashire Watch Fusee Engines by P. H. J. Baker Part I</td>
<td>215-228</td>
</tr>
<tr>
<td>Early Lancashire Watch Fusee Engines by P. H. J. Baker Part II</td>
<td>315-321</td>
</tr>
<tr>
<td>Earnshaw</td>
<td>60</td>
</tr>
<tr>
<td>chronometer No.1514</td>
<td>249-250</td>
</tr>
<tr>
<td>pocket chronometer c. 1785</td>
<td>160, 161</td>
</tr>
<tr>
<td>month regulator</td>
<td>200</td>
</tr>
<tr>
<td>regulator, No.2, ex Armagh Observatory</td>
<td>338</td>
</tr>
<tr>
<td>Earnshaw watch No.872, stolen</td>
<td>369</td>
</tr>
<tr>
<td>Earnshaw, Thomas, of Ashton-under-Lyne, lecture by Jonathan Betts</td>
<td>510</td>
</tr>
<tr>
<td>Earth, the</td>
<td>47</td>
</tr>
<tr>
<td>constant rotation of</td>
<td>70-78</td>
</tr>
<tr>
<td>density, determination of</td>
<td></td>
</tr>
<tr>
<td>East, Edward, ebony veneered bracket clock, stolen</td>
<td>558</td>
</tr>
<tr>
<td>East, going barrel bracket clock c. 1663</td>
<td>420</td>
</tr>
<tr>
<td>East India Company</td>
<td>56</td>
</tr>
<tr>
<td>Edwards, Evan, reports</td>
<td>235</td>
</tr>
<tr>
<td>Edwards, Richard, papier maché balloon case, stolen</td>
<td>177</td>
</tr>
<tr>
<td>Eiffe, pocket chronometer No.441</td>
<td>163</td>
</tr>
<tr>
<td>Electric Telegraph Company</td>
<td>76</td>
</tr>
<tr>
<td>Electric clocks</td>
<td></td>
</tr>
<tr>
<td>Bulle, F &amp; J Samuel on the dial, stolen</td>
<td>458</td>
</tr>
<tr>
<td>Eureka, balance below dial, glass case, stolen</td>
<td>458</td>
</tr>
<tr>
<td>Leroy &amp; Co, Paris, four-glass case, stolen</td>
<td>458</td>
</tr>
</tbody>
</table>

*Meeting (EHG) at Milton Keynes June 1994, included examples by: AngloTime*
Corporation, Blackburn; Hermann Aron; Ball, A. E., radio-controlled, 1931; Bowell's silent system; Rex Cole, mystery; Everett & Edgecombe frequency control; Froment's principle; Paul Gamier, slave; unusual Gent slaves; Gillett & Johnston silent system; Grau/Wagner; Hipp's principle; Kaiser, Germany; Landis & Gyr; Lenzkirch; Looping/Orel Micro; Lund synchronising system; Magneta half-minute; Murday half-second pendulum; Murday pendulum; Reason Manufacturing Co; Schild ac vibrating motor; Siletock system; Venner time switch;

Wilhelm Zeh 421

Elizabeth of Bohemia 164

Ellicott, John, longcase

and navigation

minute repeating watches

regulator at Havard

Ellicott, watch movement, stolen

Ellicott and Taylor, watch movement, stolen

Ellis, William 76

Emery, No.875 quarter repeat pocket chronometer

Emery watch No.1319, stolen

Empires of Science, exhibition

Enamel Boxes, English, lecture by H. Marsden-Hughes

Engineer's View of the Pendulum, An, lecture by George Reddyhoff

Equation clocks by Mercator

Equation of time, clocks tables

Escapement

Berthoud's half deadbeat (isochronal)

Grasshopper

See-saw detent

Eureka clock, balance below dial, glass case, stolen

Evans of Handsworth 'Westminster Abbey' skeleton clock

Evelyn, John 164

Exeter, Shepherd regulator at

Exhibitions

Besançon watch industry Bicentenary 1995

Carriage Clocks, at Vitale & Vitale, 1994, advert

From a Peal of Bells: John Harrison 1693-1776

Empires of Science, Whipple Museum, Cambridge

Bracket Clocks AHS Southern Section, 1993

Friedburger Uhren, Friedburg 1993

Viennese clocks, Vienna Sept-Oct 1994

Fabian, Michael, Thorn, hexagonal table clock, stolen

Faci, Nicholas 42

Fairey, John, bracket clock C. 1795

Fake, Frauds and Forgeries, meeting report

Falkirk town clock

Faraday, Michael 78

Fasoldt's Patent chronometer escapement

Fedchenko master clock installed at Greenwich

Felains, Jehan de, Rouen 1389

File, watch movement, stolen

Fillioul à Abbeville, watch, gilt shagreen, stolen

Finney, Joseph, ref. 'Mr Sandforth's clock'

Finnish Clocks, lecture by Dr A. Hill

Fitzwilliam Museum, Cambridge, watches stolen from

In Marc Fabry Pinnault à Geneva, gold, bloodstone
Swiss verge, floral enamelled gold\textsuperscript{V21}

P Hele, No.1530, sun & moon dial, crystal case\textsuperscript{V21}

U Klotz, Augsburg, oval silver-gilt\textsuperscript{V21}

J Vallier a Lyon, octagonal crystal\textsuperscript{V21}

Verge C. 1620, 7-sided crystal\textsuperscript{V21}

verge with stackfreed, rectangular ivory\textsuperscript{V21}

James Drury, London, No.299, gold, enamelled outer\textsuperscript{V21}

Henricus Jones, Londini, C. 1680, blue & white enamel\textsuperscript{V21}

John Midnall in Fleet Street, gilt, marrow form\textsuperscript{V21}

D Bouquet, Londini, plain silver\textsuperscript{V21}

J as Rowe, London 579, gold, repoussé, chatelaine\textsuperscript{V21}

Perigal, No.17499, gold, enamel, jewels, chatelaine\textsuperscript{V21}

Thuilet, London, No.417, gold pair case\textsuperscript{V21}

Shrapnell, N1681, gold, enamel, pearls, chatelaine\textsuperscript{V21}

Matthey & Comp, No. N933, enamelled gold\textsuperscript{V21}

Jas Patron A Geneve gold/enamel mandolin case\textsuperscript{V21}

Swiss verge, No.8110, gold/enamel pear-shaped case\textsuperscript{V21}

Dd Gide & Blondet fils, No. N940, gold, enamel gourd\textsuperscript{V21}

Ge Achard et fils, gold brooch form\textsuperscript{V21}

PSM verge & stackfreed, C. 1640, gilt oval\textsuperscript{V21}

H Filloevl à Abbeville, C. 1700, gilt shagreen\textsuperscript{V21}

Amy Bouvier, C. 1690, silver pair, engraved outer\textsuperscript{V21}

Cs Uyterweer, Rotterdam, No.325, silver pair, repoussé\textsuperscript{V21}

Peacock, Royal Exchange, No.4882, gold, repoussé\textsuperscript{V21}

Wm Staples London, No.1347, gold, horn\textsuperscript{V21}

Johnson, London 1732, gold, filigree\textsuperscript{V21}

Couyers, London 1735, gold, repoussé watch in lunette handle\textsuperscript{V21}

Flammenville's escapement, watch with 163\textsuperscript{V21}

Flamsteed, 1st Astronomer Royal, (1675-1719) 44\textsuperscript{V21}

Fletcher, Barnsley, black lacquer longcase, stolen 368\textsuperscript{V21}

Flower, Dr T., lecture, Precision Watch Design from 1790 26\textsuperscript{V21}

Fly, watch, stolen 558\textsuperscript{V21}

Fogg Art Museum, ref Longitude Watch Design from 1790 26\textsuperscript{V21}

Folkes, Martin, PRS 52, 59\textsuperscript{V21}

Foord, Ron, lecture, The Anglo-American Enigma lecture, Trumpeter Clocks 133\textsuperscript{V21}

Forbes, Tom, lecture, Watch Jewelling 138\textsuperscript{V21}

Ford, Jack, obituary 137\textsuperscript{V21}

Forgeries, see fakes\textsuperscript{V21}

Foster, Birmingham dial-painter 170\textsuperscript{V21}

Foster, George, Early Astronomical Watches 256-261\textsuperscript{V21}

Foster, George, 1911-1994, obituary 404\textsuperscript{V21}

Foucault's Pendulum, Making a, lecture by P. Irvine 231\textsuperscript{V21}

Frequency of balance oscillation, optimum 64\textsuperscript{V21}

Frères Rochat, pistol watch by, No.236 280\textsuperscript{V21}

Freunde Alter Uhren\textsuperscript{V21}

(in 'Horological News') 116, 214, 312, 492\textsuperscript{V21}

\textit{Friedberg's Ingenuity in a Biased Market; a Minute Repeating Watch c. 1715, 5. Whitestone} 145-157\textsuperscript{V21}

\textit{Friedburger Uhren} (A. Riolini-Unger), reviewed 359\textsuperscript{V21}

Friedburger Uhren (exhibition) 157\textsuperscript{V21}

Frodsham No.847 carriage clock 294\textsuperscript{V21}

No.1560 carriage clock 293\textsuperscript{V21}

Fromanteel, Abraham, walnut marquetry longcase, stolen 368\textsuperscript{V21}

Fromanteel, Ahasuerus\textsuperscript{V21}

\textit{bracket clocks (1. C. Massey research request)} 175\textsuperscript{V21}

first English 1-second pendulum clock 38\textsuperscript{V21}
Great Exhibition, Shepherd's clocks for 519-523
Greek and Roman Sundials lecture by Dr Alan Mills 418
Gribelin, watch, stolen 369
Grohe, rosewood travelling clock 209
Grinkin, Robert, astronomical watch 260
Greenhill, Richard, Canterbury, movement & Dial stolen 178
Greenwich List of Observatories, Amendment List, No.1, Clocks in the, by Derek Howse 536-539
Greenwich Mean Time V21
    first country-wide distribution 524
    signal to Deal time Ball 525
Greenwich Royal Observatory V21
    45, 46, 350
Greenwich Royal Observatory V21
    Meridian line 51
    Shepherd's electric clock 438
    Time ball 50
    Time service 51
Gregg, Fra, longcase movement & brass dial, stolen 368
Griffiths, Michael, report 416
Grimes, Londini fecit, lantern clock, stolen 368
Grimthorpe, Lord, comments on electric clocks 521, 523
Gudgeon, J., repairer 242
H4 63, 67
Hadley's quadrant 48
Hannah, Jim, reports 135, 417, 418
Haigh, I. J., Milldock, letter 173
Hainaut, Robert-Louis, clockmaker, Rouen (1813-1901) 446
Halley, Edmond, 2nd Astronomer Royal (1719-1742) 47, 55, 60
Hannah, James, reports 28, 231, 325, 510
Harrington, Lord, comments on electric clocks 521
Harrison, John 48, 52-59
Harrison, John V21
From a Peal of Bells: John Harrison 1693-1776 24
    his Tomb at Hampstead (Charles Aked letter) 174
    Tercentenary symposium at Havard, 1993 352-358
Harcourt, Fred. 164
Hartley, John, Halifax, brass 30-hr longcase, stolen 458
Hartman, George, dial of Ahaz by 352
Harton colliery, South Shields 76
Havard: The Art of Time and Museum Exhibitions at the Longitude Symposium 1993, by Alun C. Davies 352-358
Heckel, Johann 147, 152
    and Zeidlmair 155, 156
Hele, P., watch No.1530 & m dial, crystal, stolen 459
    Helical mainsprings 367
Hemon, Paris, bronze mantel clock 337
Herbert, Adrian, lecture, Clock and Watchmaking in Dartford, 419
Herbert, Anthony, musical longcase clock c.1725 402
Hill, Dr A., lecture, Finnish Clocks 231
Hill, Benjamin, astronomical watch 260
Hill, Roland, ref. Coventry Watch Movement Co 495
Hipp, Andreas, clockwatch 164
History of horology, survey 327
Hodges, John, quarter repeat bracket clock 208
Hodgetts, Graham, ref Charles Dickens 350-351
Hofland, Carel, reports 30, 235
Hogben, Major Arthur, lecture, The Use of Clockwork in Military Weapons 512
Hollis, Geoff, lecture, Jean Eugene Robert-Houdin 134
lecture, ATO Electric Clocks 329
Holloway, watch movement, stolen 558
Holloway, William, ref. American clock imports 511
Holmes, Capt., ref. marine clocks 39
Holmes, John, bracket clock, c. 1785 397
hour repeater bracket clock 477
Hooke, Robert, Greenwich Observatory 44
Spring balance 40
Hornblotton, electric turret clock at 529
‘Horloge’, gender of the word [F. Maddison letter] 554
Horological Shop Tools, lecture by Ted Crom 135
Horological tools, Ulster section discussion 327
Horology and Navigation, the Chronometers on Vancouver’s Expedition, 1791-95, lecture by Alun C. Davies 244-255
Horology under the Hammer (Auction Reviews) 158, 335
errata (letter) 269
Houston, C., lecture, Year Clock by Hardeman 29
Howell, John, lecture, Battery Powered Movements 330
Howse, Derek, Clocks in the Greenwich List of Observatories: Amendment List No.1 536-539
The Astronomers Royal and the Problem of Longitude 43-51
letter, Board of Longitude 272
Hudson, Felix, John Smith, Pittenweem 1770-1814
Final Part 430-437
obituary 116
Hughes, Robert, Llangollen, and Coventry, watchmaking 495
Hughes, William, High Holborn 510
Hurrion, C. & Allix, C., lecture, Paul Garnier’s Carriage Clocks 27
Hux, ref. toy watches 534
Huygens, Christiaan Directions for the Use Of Marine Timekeepers 37, 55
Equation Table 40
Horologium Oscillatorium (1673) 41
Huygens, The Royal Society and Horology by J. H. Leopold 37-42
Hynam, Robert, regulator 335, 336
Import (Customs) duty on clocks and watches see taxes
Independent seconds train 165, 166
India: telegraph lines laid by Charles Shepherd 442
Ingold, P. F., grande sonnerie carriage clock 338
Insurance of clocks etc.: note by Clifford Bird 133
Ireland 62
Irvine, Phillip lecture, Making a Foucault’s Pendulum 231
lecture, James Condliff’s Turret Clocks 418
Italian clock case makers in Liverpool 511
Jacklin, N., lecture, High-number wheel cutting 232
Jackson, Abraham, chronometer 108
Jackson, Thomas, London, bracket clock 510
Jaeger-le-Coultre, watch shaped mantel clock, stolen 84
Jagger, Cedric, letter, Kater and Vulliamy 270
James, Col. Henry 78
Jamaica 61
Japanese dial markings 162
Japy Frères red marble case mantel clock, stolen 84
Japy Frères the Role of in Early Mass Production, lecture by Dr. Allen Simpson 513
Jaquet Droz night clock 21
Jarret, repairer 259
Jefferys, John 65
Jewelling 138
Jewels and Jewelling, lecture by Jurgen Tübbecke 231
John Smith, Pittenweem, 1770-1814, Final Part, by Felix Hudson 430-437
Johnson, London 1732, gold filigree watch, stolen 460
Jones, Henricus, Londini, c. 1680 enamel watch, stolen 459
Jones, Henry ebonised case, stolen 458
longcase clock ca 1685 475
quarter repeating bracket clock 203
Jones, Martyn, letter, Unusual Banking? 457
Jordan, Peter, letter, Shepherd regulator at Exeter 554
Julian, John, Brentford, bracket clock, stolen 368
Jump, watch 167
humpback clock 294
Kamerer-Kuss see Camerer-Cuss
Kater, Capt. Henry His pendulum for gravity determination 71
Kelvin, Lord, free pendulum clock, visit to Glasgow 230
reconstruction of, visit to 325
Kendall, Larcum K1 60
K3 247-248
Kenfield, Richard, longcase clock 488
Kensington Palace Tompion 342-349
Keroualle, Louise de 44
Kirk, Joseph, Nottingham [research request] 555
Kirkaldy Museum 430
Klaftenberger, Grande sonnerie carriage clock 109
Klotz, U., Augsberg, oval silver-gilt watch, stolen 459
Knibb, John, month longcase clock 356
Knibb, Joseph, bracket timepiece, quarter repeat 114
bracket quarter repeater 390
bracket ebony veneered, Dutch striking, stolen 558
Londini fecit, tic-tac table clock 568
Londini fecit, walnut longcase clock 291
quarter repeat ebony table timepiece 393
Knibb, Samuel, quarter strike longcase clock 490 V21
Kochmann, K., lecture, Black Forest Clocks in England 512 V21
Konni family, clocks by 231 V21
Kreittmayr, Johann, ref the 'Robert the Bruce' watch 407 V21

Lacaille, Abbé 49, 50 V21
Lancashire Tools, History of lecture by Ted Crom 233 V21
Lancashire, clockmaking in, [D. S. Moore letter] 82 V21
Lancashire watch fusee engines 215-228, 315-321 V21
Lancashire Watch Co 502 V21
Lancashire Watchmaking and Tools, 1700-1914, lecture by Prof. Alan Smith 510 V21
Lang, Hans, modern astronomical clock by 214 V21
Langpauer, watch casemaker 157 V21

Lantern clock V21
Baintree, Robert, hybrid clock, stolen 177, 178 V21
Carte, John, London, 169?, minute hand, stolen 558 V21
Clouson, with minute striking, 145 V21
French, miniature 468 V21
Grimes, Londini fecit, stolen 368 V21

Lathes, lecture by David Wood-Heath 233 V21
Law, Rodney, report 416 V21
Lawson, H, mill clock by 173, 269 V21
Lectre, Jourdain de, Rouen 1389 446 V21

Lectures V21

Allix, Chas. & Hurrian, Chris, Carriage Clocks 27 V21
Ashworth, Peter, and Craddock, Paul, Turret Clocks in Royal Residences, 330 V21
Betts, Jonathan, Rupert Gould 137 V21
Bowles, David, Mantel Clocks of the XIX Century 138 V21
Brooks, Graham, Time Products Collection 137 V21
Barrett, M., & Bundock, M., Gents Pulsynetic System 137 V21
Bundock, M., Turret Clocks of Kent 514 V21
Burn, Prof., The Inventions of Alexander Bain 417 V21
Connor, James C., Clockmaking in Canada 327 V21
Carrington, Roger, Watch Case Making in Liverpool 323 V21
Craddock, Paul and Ashworth, Peter, Turret Clocks in Royal Residences 330 V21
Chatham, Peter, Clocks in Vienna 415 V21
Copland, John, Rudimentary Horology 509 V21
Crom, Ted, History of Lancashire Tools 233 V21
Horological Shop Tools 135 V21

Aston, Alun C. Horology and Navigation, the Chronometers on Vancouver’s Expedition, 1791-95 244-255 V21
Davies, Roger, Links Between the Mechanical Trades 410 V21
Flower, Dr Tom, Precision Watch Design from 1790 26 V21
Foord, Ron, The Anglo-American Enigma 511 V21
Forbes, Tom, Watch Jewelling 138 V21
Gamier, Richard, The Progression of English Clocks 325 V21
Hill, Dr A. Finnish Clocks, 231 V21
Hogben, Major Arthur, The Use of Clockwork in Military Weapons 512 V21
Hollis, Geoff, Jean Eugene Robert-Houdin 134 V21
ATO Electric Clocks 329 V21
Houston, C. Restoring a Hardeman Year Clock 29 V21
Howell, John, Battery Powered Movements 330 V21
Howse, Derek, The Astronomers Royal and the Problem of Longitude 43-51 V21
Irvine, Phillip V21
James Condliff's Turret Clocks 418
Making a Foucault's Pendulum 231
Jacklin, N., High-number wheel cutting, 232
Kochmann, Karl, Black Forest Clocks in England 512
Leopold, J. H., Christiaan Huygens, The Royal Society and Horology 37-42
Levingston, G., Watch Case Making 30
Lowman, S., History of Screw Threads 230
May, Ian, Metal Finishing 325
Marsden-Hughes, H., English Enamel Boxes 326
McBrierty, Gerry, Some Swiss and German Museums 235
Maltin, M.

Measurement of Time Interval 28
Time Systems 234
Matthews, M., Watch Case Making 229
Meldrum, P. & Wilkinson, R. B. W., The Edinburgh Assay Office 231
Midleton, Lord

Deck Watches in the Dreadnought Era 416
Reconstruction of the Gershom Parkington Collection 322
Mills, Dr Allan

Early Methods of Navigation 511
Greek and Roman Sundials 418
Water-driven Clocks 232
Mitchell, Arthur

The Bulle Electric Clock 326
The Triangle Synchronome Master Clock 329
Time aboard Ship 419
Moore, James, Clockmaking in Somerset 234
Moyna, P., Restoration Course at West Dean 27
Nicholson, J., James Chesterton, his Measuring Tools & Other Activities 229
Penney, D., The Pitkin Watch 28
Pllaister, J., A Review of Master Clock Systems 138
Ponsford, Clive, Watch-cocks 419
Ramsdale, B. Clock Case Restoration 28
Reddyhoff, George, An Engineer's View of the Pendulum 419
Renwick, D., Jewel Making 231
Robinson, Tom, Some Early English Clocks 420
Sabrier, Jean-Claude, Longitude at Sea in the time of Louis Berthoud and Henri Motel 509

Simpson, Dr Allen, The Role of Japy Frères in Early Mass Production 513
Smith, Prof. Alan, Lancashire Watchmaking 28, 29

Lancashire Watchmaking and Tools, 1700-1914 510
Swabey, Bryan, National Time Standards 236
Taylor, Terry, Modern Mass-Produced Watches 420
Treherne, A. The Massey Family 28
Tübbecke, Jurgen, Jewels and Jewellery 231
Voore, Tim, Almost Perpetual Motion: The Amazing Clinker Pendulum Clock 513
Wadge, Chris., Four Hundred Day Clocks and their Restoration 327
Walker, P., Medieval Craftsman at Work 230
Wolfendale, Prof. Arnold, Time - The Beginning and the End 416
Wood-Heath, David, Lathes 233

Leibnitz 156
'Legeips' see Spiegel

'Lekech' see Heckel, J.

Lenoir, Paris, Boule case bracket clock, stolen 368
Leopold, J.H., Christiaan Huygens, the Royal Society and Horology 37-42
Lepine, month table regulator 385
le Roux, John, inverted bell top bracket clock, stolen 84
Leroy & Co, Paris, electric clock, stolen 458
Le Roy, Julien, quarter repeat cartel clock 207
Le Roy, Pierre 60, 66
Letters and research requests [rr]
Aked, Charles K., Harrison's Tomb 174
Aked, Sarah, Much Wenlock Chimes, (poem), 555
Allix, Charles, Earnshaw regulators 454
ANCAHA: Baume et Mercier [rr] 457

Letters
Bacon, D. H., Fusee Manufacture 365
Barnes, Carl, Tortoiseshell Bracket Clocks [rr] 367
Betts, Jonathan

Messing with the Evidence (Margetts clock altered by Barwise) and reply by Paul Tuck 445
Durr, Hans R., Helical Mainspring 367
Haigh, I. J., Mill Clock 173
Hannah, Jim, Mill Clock 269
Howse, Derek
Clocks in Observatories [rr] 83
Board of Longitude [rr] 272
index of research topics (proposal) 83
Jagger, Cedric, Kater & Vulhamy 270
Jones, Martyn, Unusual Banking? 457
Jordan, Peter, Clocks in Exeter 554
Maddison, Francis, Masculine Clocks in French 554
Martin, John S., Daniel Beinder [rr] 83
Massey, J. C., Fromanteel Bracket Clock [rr] 175
Mighell, J. G., Tavern Clocks 172
Mitchell, A, Early Synchronome Clock [rr reply] 556
Moore, D.S., Clockmaking in York (& Lancashire) 82
Ord-Hume, Arthur W. J. G., Vulliamy Musical Clock 270
Penney, David, H. & j Pitkin No.164 175
Richardson, Ian, Early Synchronome Clock [rr] 556
Rodger, Robin H., Watch Engraved with View of Coventry [rr] 175
Slee, Ivan, The 'Clock' at St Martin's, Gloucester 455
Treherne, Alan, Watches by H. & f F Pitkin 271
Tuck, Paul, see Betts, above

Errata, 'Horology under the Hammer' 269
Tyler, E. J.

Act of Parliament Clocks 82
Tavern Clocks 271

Winterton, I.

Grande Sonnerie [rr] 176
Grande Sonnerie: Daniel Quare [rr] 272
Joseph Kirk, Nottingham [rr] 555
Publications 172

Wirtz, Paul, Early Astronomical Watches 365
Wood, Christopher, K2 and the 'Bounty' Mutiny 455

Levingston G., lecture, Watch Case Making 30
Lignum vitae 54

Links Between the Mechanical Trades, lecture by Roger Davies 416
Litherland & Co, skeleton clock 287
Liverpool, Watchmaking in, lecture by Roger Carrington 323
Llanrwst, The Clockmakers of, reviewed by Tom Robinson 450
Lomas, Poolton, 30-hour longcase; recovered theft 367
Longcase clock, V21

Alexander, Chippenham, painted dial, stolen 274
Appleby, Edward 376
Bagnall, Benjamin 355
Barber, J., Winster, brass 30-hr No.602, stolen 458
Barber, J., Winster, brass 30-hr No.587, stolen 84
Barwise, John, London, mahogany regulator, stolen 178
Bayley, James 373
Birchall, Thomas, Nantwich, dial & movement stolen
Bryant, 1795, mahogany, stolen 368
Bryson, Edinburgh, silvered dial, stolen 178
Burgis, John 17
Catlin, Daniel, King's Lynn, recovered 177
Chaplins, Ashby-de-la-Zouche, 30-hr, stolen 458
Davies, Thomas, Llandovery, mahogany, stolen 458
Dawes, Charles, Halifax, mahogany, stolen 274
Dodds, London, green lacquer, recovered 367
Ellis, John
Fletcher, Barnsley, black lacquer, stolen 368
Fromanteel, Abraham, walnut marquetry, stolen 368
Gille la'aine, cream gilt, enamel dial, stolen 84
Goode, Charles 188
Gould, Christopher 308
marquetry longcase 383
marquetry longcase c. 1695 395
month, quarter strike 483
Greenhill, Canterbury, movement & Dial, stolen 178
Gregg, Fra, movement & brass dial, stolen 368
Gretton, Charles 7
Hartley, John, Halifax, brass 30-hr, oak, stolen 458
Herbert, Anthony, musical longcase c. 1725 402
Jones, Henry, c. 1685 475
Kenfield, Richard, 488
Knibb, John, at Havard 356
Knibb, Joseph 291
Knibb, Samuel, quarter strike 490
Konni family 231
Lomas, Poolton, 30-hr, recovered 367
Mereman, Henry 107
Meurs, Otto van 355
Noon, Thomas, Ashby-de-la-Zouche, 30-hr, stolen 458
Peacock, George, brass dial & movement, stolen 84
Penney, Rid., brass dial, oak case, stolen 458
Phillips, Pontypool, Bristol tide dial, stolen 368
Rant, Jonathan 111
Rogers, Charles, calendar, c. 1675 420
Sadler, Norwich, case & brass dial, stolen 368
Sager, E., Skipton, oak, stolen 273
Sealey, Kendal, painted dial, stolen 368
Shindler, Thomas, Canterbury, brass dial, stolen 84
Simpson, G. Bridge, oak case, brass dial, stolen 84
Speakman, William, marquetry, square dial, stolen 178
Tantum, Loscoe, parquetry case, stolen 368
Taylor, Manchester, minus case, recovered 367
Thomas, B., Carmarthen, painted dial, oak, stolen 458V21
Thomson, Cirencester, minus case, recovered 367V21
Thwaites, Aynsworth 112V21
Titherton, John, London, walnut marquetry, stolen 84V21
Tomlinson, William, London, case & dial, stolen 368V21
Watson, Kirriemuir, painted dial, stolen 274V21
Willard family 358V21
Williams, Aberystwyth 1844, painted dial, stolen 368V21

Long duration, month clock by H. Mereman 107V21
Longitude, V21
Act of Parliament 1714 47V21
Board of, research request 272V21
finding, by Chronometer [early proposal] 39V21
Symposium at Havard, 1993 352-358V21
Longitude at Sea in the time of Louis Berthoud and Henri Motel, lecture by Jean-Claude Sabrier 509V21

Lowman, S., lecture, History of Screw Threads 230V21
Lunar distance method 48, 50, 43, 63V21
Lutier, Bath, brass inlaid bracket clock, stolen 177V21
Lyre clock by Coteau 298V21

McBrierty, G., lecture, Some Swiss and German Museums 235V21
McCabe, James, walnut break arch bracket clock, stolen 273V21
McCure, Bertie, lecture, The Armagh Recordon Clock 328V21
Machenoud, Paris, gilded case (man with scythe), mantel clock, stolen 274V21
Machin, John, FRS 57V21
Maddison, Francis, letter, gender of 'Horloge' 554V21
McKay, Chris, lecture, The Turret Clocks of B. L. Vulliamy 418V21

Maison Commune 147, 148V21
Maltin, M., lecture, Measurement of Time Interval 28V21
lecture, Time Systems 234V21

Mantel clocks (see also Bracket Clocks) Arraingand le Paris, ormolu portico style, stolen 458V21
Baillon, J. Baptiste, porphyry case, stolen 458V21
Barwise, ebony 484V21
Bolviller, Paris, Bouille, star pendulum, stolen 178V21
cathedral style garniture de cheminee, stolen 178V21
Coman, Edward Y., stolen 84V21
Cousens, F., Portman Square, burr walnut, stolen 178V21
drumhead timepiece, helmeted finial, stolen 458V21
Guilmet mystery clock, female figure, stolen 85V21
Jaeger-le-Coultre, pocket watch shaped case, stolen 84V21
Japy Frères, red marble case, stolen 84V21
Machenoud, gilded case (man with scythe), stolen 274V21
Moore, John & Sons, Drumhead timepiece, stolen 368V21
Planchon, Palais Royal, Bouille case, stolen 178V21
Quinton, Bordeaux, white/blue porcelain, stolen 84V21
Reid & Son, Paris, Ormolu and Se' vres case, stolen 368V21
Weeks, Coventry St. London, satinwood, stolen 458V21
Weeks, ry, gilt case (seated woman), stolen 274V21

Mantel Clocks of the XIX Century, lecture by David Boles 138V21
Maple & Co, carved oak bracket clock, stolen 273V21
Marchinville, watch, stolen, 558V21
Margaine grande sonnerie carriage clock, stolen 84
Markham, Robert, watch No.7449 163
Maretts, Geo, sidereal and mean time longcase clock 341
Maretts watch No.6, stolen 369
Marot, Daniel 154, 339, 345
'Marquch' (pseudonym) 147
Marsden-Hughes, H., lecture, *English Enamel Boxes* 326
Martin, Benjamin, scientific instruments at Havard 353
Martin, Theophilus, watch No.4724 202
Martinot, Balthazar, bracket clock 379
Maskelyne, Nevil, 5th Astronomer Royal (1765-1811) 49, 61
Mason, Charles 61
Mass production of clocks in the USA 511
Massey, J C, Fromantelle clock, research request 175
Master Clock Systems, a Review of lecture by J. Plaister 138
Mathy, Andre, globe clock c. 1880 199
Matthews, M., lecture, Watch Case Making 229
Matthews, Frederick 229
Matthey & Comp, watch No. N933, enamelled gold, stolen 459
May, Ian, lecture, Metal Finishing 325
Mayard, Jean-Luc, book, Besancon Horloger 1793-1914 405
Mayer, Tobias, Lunar tables 48, 50
Meade, John, brass and mahogany bracket clock, stolen 273
Medici Tompion, the, bracket clock 99
Medieval Craftsmen at Work, lecture by Philip Walker 230
M electric, Laurent, of Besancon 405
Meldrum, P. & Wilkinson, R.B.W., lecture, The Edinburgh Assay Office 231
Meraux, Joseph, sale of collection 337, 338
Mercator, Nicholas, equation clock 40
Meremian, Henry, longcase clock 107
Metal Finishing, lecture by Ian May 325
Meurs, Otto van, longcase clock 355
Michel, Jo, lantern clocks: research request 420
Midleton, Lord, lecture, *Deck Watches in the Dreadnought Era* 416
lecture, *Reconstruction of the Gershom Parkington Collection* 322
Midnall, John in Fleet St., marrow form watch, stolen 459
'Mirroir' see Spiegel
Mighell, J. G., letter, Tavern clocks 172
Military Weapons, The Use of Clockwork in, lecture by Major Arthur Hogben 512
Mill clock by Lawson (I. J. Haigh letter) 173
(J. Hannah letter) 269
Mills, Dr Allan 511
lecture, Early Methods of Navigation
lecture, Greek and Roman Sundials 418
lecture, Water-driven Clocks 232
Sundials by 314
Mitchell, A 326
lecture, The Bulle Electric Clock
letter, Early Synchronome Clock 556
reports 31, 138, 329, 420, 421, 514
Mitchelson, Alex'r, red lacquer bracket clock, stolen 273
Moore, D.S., letter, Clockmaking in York & Lancashire 82
Moore, James, lecture, Clockmaking in Somerset 234
Moore, John & Sons 368
Drumhead mantel timepiece, stolen
fusee carriage clock, stolen 458
Moore, Sir Jonas 46
Moray, Sir Robert, first PRS 37
Morice, David, pocket chronometer No.196 163
Motel, Henri, and longitude 509
Moulin, Prof. Marcel 326
Mudge, Thomas 64
Earliest minute repeater? 145
Watch for the King of Spain 146
Mudge & Pennington constant force timekeeper c. 1796 466
Much Wenlock Chimes, (poem), Sarah Aked 555
Murray, Charles, reports 328
Murray, James, Royal Exchange, bracket clock, stolen 177
Museum of the History of Science, Oxford, watches at 493
watches stolen from, including: Arnold 317/618, Earnshaw 872, Emery 1319, Bannister, Gribelin, Gout, Graham 585, Margetts No.6 369
Museum of the History of Science, Oxford, watches at 493
Musical clock, Smith, John, Pittenweem 430
Vulliamy family 118-131
Musical automaton pocket watch by Piaget & Maylin 482
Myatt, P., lecture, Restoration Course at West Dean 27
Mystery clock, female figure, Guilmet No.1432, stolen 85
Nation, Christopher, organ-maker, ref. Vulliamy 125
Nautical Almanac, The, 50
Navigation, Early Methods of, lecture by Dr Allan Mills 511
Navigation in an Age of Exploration and Discovery: Exhibition at Havard 1993 353-354
Neale, James A., reports 26, 27, 134, 229, 509
book review 550
Nellson, James, astronomical watch 260
Netherlands Turret Clock Foundation, news 24, 214, 405
Newton, Sir Isaac 70
Nichole Nielsen, tourbillon watch 165, 166
Nichols, metal chaser, ref. Vulliamy 118
Nicholson, J., lecture, James Chesterman, His Measuring Tools & Other Activities 229
Night clock by Jaquet Droz 21
Nomenclature, horological, standardisation required 403
Noon, Thomas, Ashby-de-la-Zouche, longcase, stolen 458
North, William, astronomical watch 260
Norwood church turret clock, ref Vulliamy 129
Norway 62
Notes on Toy Watches, by Simon Bendall 531-535
Obituary
Foster, George 404
Garcia-Diego, Jose Antonio 312
Rippington, Alan 312
Observatories, clocks in, letter. 83
Oldenburg: see Royal Society
Oosterwijk, Severyn, marine pendulum clock 39
Oosterwijk, Severijn, sea clock c. 1690 420
Ord-Hume, Arthur W. J. G., letter, Vulliamy Musical Clock 270
Organ clock, Viennese 104
Vulliamy 93, 118-131\textsuperscript{V21}
Orrery table clock by Ducommun, c. 1820 478\textsuperscript{V21}
Osterhausen, Fritz von, book, Wie Kaufe ich eme Alte Armhaunder, reviewed 360\textsuperscript{V21}
Ourtz, engraver, ref. Vulliamy 126\textsuperscript{V21}
Outhier, R. & Cattin, celestial globe clock 391\textsuperscript{V21}
Oxford Examination Schools electric turret clock 530\textsuperscript{V21}
Oxford, Museum of the History of Science 369, 493\textsuperscript{V21}
Oxford Observatory 76\textsuperscript{V21}
Pace, J., repairer 242\textsuperscript{V21}
Pagoda clock, London c. 1795 473\textsuperscript{V21}
Panier, Jacques, bracket repeater 387\textsuperscript{V21}
Panton, Charles, bracket clock 324\textsuperscript{V21}
Papier-mache & mother of pearl dial clock, stolen 178\textsuperscript{V21}
Pascal, Blaise 42\textsuperscript{V21}
Patek Phillipe No 24139 2-train watch 165\textsuperscript{V21}
Patent,\textsuperscript{V21}

\begin{align*}
\text{Briggs} & \quad 29\textsuperscript{V21} \\
\text{Bruce} & \quad 39, 41-42\textsuperscript{V21} \\
\text{Buckney} & \quad 105\textsuperscript{V21} \\
\text{Hooke} & \quad 41-42\textsuperscript{V21} \\
\text{Huygens} & \quad 39, 41-42\textsuperscript{V21} \\
\text{Richard&Co} & \quad 177\textsuperscript{V21} \\
\text{Paton, Les, reports} & \quad 508\textsuperscript{V21} \\
\text{Patron Jas., gold/enamel watch, mandolin case, stolen} & \quad 459\textsuperscript{V21} \\
\text{Peacock, George, London, brass dial & movement stolen} & \quad 84\textsuperscript{V21} \\
\text{Peacock, Royal Exchange, gold watch No.4882, stolen} & \quad 459\textsuperscript{V21} \\
\text{Pendulum, An Engineer’s View of the, lecture by George Reddyhoff} & \quad 419\textsuperscript{V21} \\
\text{Pendulums,}\textsuperscript{V21}

\begin{align*}
\text{Buckney} & \quad 105\textsuperscript{V21} \\
\text{Circular} & \quad 29\textsuperscript{V21} \\
\text{Conical} & \quad 41\textsuperscript{V21} \\
\text{Kelvin's free pendulum at Glasgow} & \quad 230\textsuperscript{V21} \\
\text{Sympathetic} & \quad 40, 136\textsuperscript{V21} \\
\text{Triangular} & \quad 41\textsuperscript{V21} \\
\text{Penney, D.}\textsuperscript{V21}

\begin{align*}
\text{lecture, The Pitkin Watch} & \quad 28\textsuperscript{V21} \\
\text{lecture, Horological Illustration} & \quad 136\textsuperscript{V21} \\
\text{letter, Pitkin, H. & J., Watch No.164} & \quad 175\textsuperscript{V21} \\
\text{Penney, Rid., brass dial, oak longcase, stolen} & \quad 458\textsuperscript{V21} \\
\text{Perigal, enamel & jewelled gold watch No.17499, stolen} & \quad 459\textsuperscript{V21} \\
\text{Perigall and Duterrau, watch movement, stolen} & \quad 558\textsuperscript{V21} \\
\text{Perpetual Almanack, A, by Charles K Aked} & \quad 540-549\textsuperscript{V21} \\
\text{Pfabe(e), Andreas, repeating coach watch etc} & \quad 146, 148\textsuperscript{V21} \\
\text{Piaget & Maylin musical automaton pocket watch} & \quad 482\textsuperscript{V21} \\
\text{Philip, London, walnut bracket clock, stolen} & \quad 177\textsuperscript{V21} \\
\text{Phillips, Pontypool, Bristol, longcase, stolen} & \quad 368\textsuperscript{V21} \\
\text{Philp, Robert, bracket clock} & \quad 324\textsuperscript{V21} \\
\text{Piguet Meylan musical watch ex King Farouk} & \quad 400\textsuperscript{V21} \\
\text{Pinnault à Geneva, gold & bloodstone watch, stolen} & \quad 459\textsuperscript{V21} \\
\text{Pistol watch by Frères Rochat No.236} & \quad 280\textsuperscript{V21} \\
\text{Pitkin, H. & J., watch No.164 (letter)} & \quad 175\textsuperscript{V21} \\
\text{Plaister, J., lecture, A Review of Master Clock Systems} & \quad 139\textsuperscript{V21} \\
\text{Planchon, Palais Royal, Boull mantel clock, stolen} & \quad 178\textsuperscript{V21} \\
\text{Pleasure, Myron, ref. Fedchenko master clock} & \quad 508\textsuperscript{V21} \\
\text{Plimpton, J. C. & Co} & \quad 511\textsuperscript{V21}
\end{align*}
Pogson, Norman, ref. Oxford Observatory 76^V21
Pond, John, 6th Astronomer Royal 1811-1835 50^V21
Ponsford, Clive, lecture, Watch-cocks 419^V21
Ponsford, Clive, reports 326^V21
Poole, John, marine Chronometer No.2745 295^V21
Portsmouth Dockyard Clock 31^V21
Pouzait independent seconds system 166^V21
Prime, Abraham, walnut bracket timepiece, stolen 84^V21
PSM gilt oval verge watch, stackfreed, C. 1640, stolen 459^V21
Publications policy (1. Winterton letter) 172^V21
Purvis, N. Audley St., bracket clock, stolen 177^V21
Pyke, Jno, ebonised bracket clock, 6 bells, stolen 368^V21
Pyke, John, red lacquer bracket clock, 6 bells, stolen 273^V21
Quare, Daniel, grande sonnerie bracket clock, stolen 558^V21
Queen Elizabeth Scholarships 404^V21
Quex House 514^V21
Quintin, Bordeaux, porcelain case mantel clock, stolen 84^V21
Radio time transmissions 236^V21
Raingo Frères orrery clock 296^V21
Ramsdale, B., lecture, Clock Case Restoration 28^V21
Ranch, Carl, Kobenhavn, No.132, Louis XV bracket clock, stolen 273^V21
Randall, Anthony G., book reviews 80, 81^V21
Randall, Anthony G., book, The Time Museum Catalogue of Chronometers, reviewed 263^V21
Randall & Peckham, compass watch 160^V21
Rant, Jonathan, longcase clock 111^V21
Read, C. A., description of watchmaking, 1880 505^V21
Reddyhoff, George, lecture, An Engineer’s View of the Pendulum reports 419^V21
Regulator, longcase 252, 253^V21
Earnshaw, Thomas, Earnshaw, Thomas, month 200^V21
Frodsham, Charles 20^V21
Hynam, Robert 335, 336^V21
Robin, à Paris, month, for Louis XVI 384^V21
SHELTON, John, month, ex Duke of Devonshire 210^V21
Thurlow, Edward 19^V21
Regulator, table 385^V21
Lepine, month going 385^V21
Regulator, wall Dent 105^V21
Reid & Son, Paris, Se’ vres case mantel clock, stolen 368^V21
Reiner, Jacob, Oxford, Black Forest clock importer 512^V21
Renwick, D., lecture, Jewel Making 231^V21
‘Rengaw’ see Wagner^V21
‘Renpuarg’ see Graupner^V21
Repeat, hour^V21
Holmes, John, bracket clock 477^V21
Repeat, minute^V21
Friedberg watches 145-153^V21
Nicole Nielsen for S. Smith & Co, watch 166

Repeat, quarter 95

Constantine, bracket clock 95
Emery, no.875 pocket chronometer 160
Graham, Geo V21

No.678 310, 336 V21
bracket clock No.630 189 V21
table clock No.649 393 V21
Hodges, John, bracket clock 208 V21
Jones, Henry, bracket clock 203 V21
Knibb, Joseph, bracket clock 390 V21
Knibb, Joseph, table timepiece 393 V21
Lange & Söhne, chronograph watch 14 V21
Le Roy, Julien, cartel clock 207 V21
Tompion, Thomas V21
bracket clock No.198 97 V21
bracket clock 191 V21
bracket clock No.42, 476 V21
miniature No.222 340 V21
table clock No.390 393 V21
Vulliamy, Justin, watch 15 V21

Arnold, John, pocket chronometer No.11/60 160, 161 V21
Blundell, Joseph, bracket clock 510 V21
Panier, Jacques, bracket repeater 387 V21
Tompion, ex Condover Hall 284 V21

Research interests, proposed index of 83 V21

Research requests V21

Baume et Mercier (ANCAHA) 457 V21
Beinder, Daniel, (1.5. Martin) 83 V21
Coventry, watches with views of (R. H. Rodger) 175 V21
Fromanteel Bracket Clock (J. C. Massey) 175 V21
Gould, Lt. Cdr J. T., (J. Betts) 272 V21
Grande Sonnerie Uohn Winterton) 176 V21
Kirk, Joseph U Winterton) 555 V21
Longitude, Board of, (D. Howse) 272 V21
Observatory clocks (D. Howse) 83 V21
Quare, Daniel, grande sonnerie, (G Winterton) 272 V21
Spurshott of Gosport, (K. Shenton) 233 V21
Synchronome, Early, (I. Richardson) 556 V21
Tortoisehell Bracket Clocks (Carl Barnes) 367 V21

Restoration and Technology Group 132, 211 V21
Rentxsch, bracket clock 134, 135 V21
Reynolds, Robert, ref. toy watches 532 V21
Richard & Co., patent for grande sonnerie 176 V21
Richter, J, 70 V21
Rimbault, Rail, mahogany bracket clock, stolen 177 V21
Rimbault, Stephen, green lacquer bracket clock, stolen 84 V21
Riolini-Unger, A, book, Freidberger Uhren, reviewed 359 V21
Rippington, Alan, obituary 312 V21
Rohert-Houdin, Jean Eugene, lecture by Geoff Hollis 134 V21
‘Robert the Bruce’ Watch, The, by David Thompson 407-414 V21
Roberts, Isaac, red lacquer bracket clock, stolen 84 V21
Robey, J A, reviews by 168, 360 V21
Robin, à Paris, month regulator for Louis XVI 384 V21
Robin Fils à Paris 1809, remontoit table regulator 479 V21
Robinson, Tom, *An Examination of the Cases of Two Tompion Year Equation Clocks* 342-349

lecture, Some Eady English Clocks 420
book review 450

Rockford, Time Museum V21

Rolyat, John, London, mahogany bracket clock, stolen 84
*Rouen, the 'Gros Horloge', Restoration in 1889*, by A. J. Turner 446-449

Rohr, Rene J, gold medal for work on sundials 492

Rowe, Jas London No.579, repousse gold watch, stolen 459
Rowley, Gordon, reports 330

Royal Society, The V21

*The Royal Society, Christiaan Huygens and Horology* by J.H. Leopold 37-42

*The Royal Society and the Fourth Dimension* (Editor, D. Vaughan), reviewed 262

Rudimentary Horology, lecture by John Copland 509

Rumker, George, ref. Durham Observatory 76

Russell, Thomas, 3-train ebonised bracket clock stolen 177

Rust removal, by electricity 214

Sadler, Norwich, longcase, stolen 368

Sager, E., Skipton, oak longcase, stolen 273

St Helena 48, 61

St Pierre, M. le Sieur de 44

Salisbury Cathedral Clock (TCG report) 32

'Sandforth's Clock' 285, 340, 341

Sandglass, 'RW 1610' wooden turned pillars, stolen 458

Saros cycle 48

Scarisbrick, Edward, ref. Coventry Watch Movement Co 495

Scarlet, E, angle barometer 485

Schiehallion, mountain 70

Schwab carriage clock, with barometer etc, stolen 84

Schwer, Bristol, Black Forest clock importer 512

Science of Clocks and Watches, The, (Rawlings, 3rd Edn.) reviewed 359

Screw threads, History of, lecture by S. Lowman 230

Screw threads, early form and manufacture 215, 315, 416

Sealey, Kendal, painted dial longcase, stolen 368

Sections and Groups Visits (TCG = turret Clock Group, EHG = Electrical Horology Group):

Contemporary electric clocks, June 1994 (EHG) 420

Stockport area tour May 1994 (Scottish Section) 417

Synchronous clocks, (Northern Section) 418

York Observatory, TCG visit March 1994 422

Ironbridge visit, October 1994 (Midlands Section) 511

TCG visit to Belmont Park, Quex House 514

EHG at Milton Keynes, June 1994 see electric clocks

Sedgwick, Alan, geologist 72

Seignior, Robert, astronomical watch 256

Selby-Lowndes Tompion, The, No. 217 288, 289, 339

Sephton, Daniel, wheelcutting engine by 135

Shelton, John 135

month regulator 210

Shenton, Dr F. G., *Who Was Charles Shepherd?* 435-448

Shenton, Ken, reports 137, 233, 326

Shepherd, Charles, patent battery for electric clocks 527

*Shepherd, Charles, Electric Clocks by*, by Denys Vaughan 519-530

Shepherd, Charles, Who Was?, by Dr F. G. Alan Shenton 435-448

Shepherd, Charles, slave dial, skeleton frame 469

Shepherd, Charles, senior, (chronometer by) 442
Shindler, Thomas, Canterbury, longcase, stolen 84
Ship, Time ahoard, lecture by Arthur Mitchell 419
Shovell, Sir Clowdisley 47
Shrapnell, N1681, gold watch, enamel, pearls, stolen 459
Sidwell, Coventry 501
Silver clock cases ref. Vulliamy 118-131
Silver, duty on 128
Simmonds, G. H., ref Redhill Observatory 76
Simpson, Dr Allen, lecture, The Role of Japy Frères in Early Mass Production 513
Simpson, G. Bridge, brass dial oak longcase, stolen 84
Skeleton clock, Directoire 389
Sloan, Sir Henry, PRS 59
Skeleton clock by Condliff 117
Evans of Handsworth 'Westminster Abbey' Litherland & Co 489 287
'York Minster', bell and gong, stolen 85
Smallman, Michael, talk on winding mechanisms 327
Smeaton, John 63
Smith, Alan, lecture, The Turret Clocks of Cooke of York 422
Smith, Prof. Alan, Vulliamy Clock Numbering, a Postscript 427-429
Smith, Gabriel, Bartholomy, bracket clock, stolen 84
Smith, John, records of musical clocks 430
Smith, Michael, Chairman's Notes, 25, 229
Smith, Robert, FRS 57
Smith, Roger, Vulliamy Clock Numbering, a Postscript 427-429
Smith, Roger, and Thompson, David, Vulliamy Musical Clocks for the Turkish Market 118-131
Somerset, Clockmaking in, lecture by James Moore 234
Sonnerie progress striking 235
Spanish chronometer manufacture 255
Sparks, Brian, reports 28, 31, 32, 136, 232, 325, 418, 511
Speakman, William, marquetry longcase, stolen 178
Speigel, Joseph 147
Stanton, Ken, reports 326
Staples Wm., London, gold & horn watch No.1347, stolen 460
Stockport area tour May 1994 (Scottish Section) 417
Stokes, Prof. G C 78
Stone, H., London, 1900, silver watch, stolen 274
Storr, Paul, ref. Silver clock cases for Vulliamy 118-131
Stram, Alfred 229
Striking, Grande Sonnerie LeRoy & Fils 18
‘Rengaw’, watch 147
Striking, sonnerie progress surrer (Black Forest) 235
Stukeley, William 57
Sundial Competition 404
Sundial by Dr Allan Mills 314
Sundials, Greek and Roman, lecture by Dr Alan Mills 418
Surrer striking clocks (Black Forest) 235
Swabey, Bryan, lecture, National Time Standards 236
Swiss and German Museums, lecture by G. McBrierty 235
Swiss watches 162
Symington, Andrew, Wall clock 135
Synchronisation of turret clock by radio signal 214
Synchronome Clock, early (research request & reply) 556
Synchronome 'Triangle' Master Clock, The, lecture by Arthur Mitchell 329
Synchronous clocks, Northern Section meeting report 418
Synchronous Motor Chiming Clocks, lecture by Bob Miles 329
Table clock (see also Bracket clock) 472
Borrell, Henry, ex Peking 568
Knibb, Joseph, Londini fecit, tic-tac 62
Tahiti 324
Tantum, Dan, bracket clock 368
Tantum, Loscoe, parquetry case longcase, stolen 172
Tavern clocks, letters 277
Whitmore, Northampton 301
Taylor, Manchester, longcase, recovered theft 367
Taylor, Terry, lecture, Modern Mass-Produced Watches 420
Taylor, watch movement, stolen 558
Taxes on clocks and watches 429
Thiout, ref. repeaters 145
Thomas, B, Carmarthen, painted dial longcase, stolen 458
Thompson, David, The 'Robert the Bruce' Watch 407-414
Thompson, David, and Smith, Roger, Vulliamy Musical Clocks for the Turkish Market 118-131
Thomson, Cirencester, longcase, recovered theft 367
Thorpe, Samuel, turret clocks 511
Thuilet, London, watch No.417, gold pair case, stolen 59
Thumbscrew heads, early shape of 320-321
Thwaites, Aynsworth, longcase clock 112
Thye ball at Greenwich 50
Time Aboard Ship, lecture by Arthur Mitchell 419
Time Museum Catalogue of Chronometers The, (Anthony G Randall), reviewed 263
Time Products Collection, lecture by G. Brooks 137
Time Standards, National, lecture by Bryan Swabey 236
Time Systems, lecture by Michael Maltin 234
Time - The Beginning and the End, lecture by Professor Arnold Wolfendale 416
Timers, Northern Section meeting report 325
Titherton, John, London, marquetry longcase, stolen 84
Todd, Charles 75
Tollady, D., repairer 242
Tomlinson, William, London, longcase & dial, stolen 368
Tompion, Thomas, bracket clock No.198 97
bracket clock, un-numbered 191
clock cases examined 342-349
longcase clock No.231 348
'Medici' clock 99
quarter repeater clock, No.222, ex Ilbert coll. 340
quarter repeater bracket clock, No.42, 476
quarter repeat table clock No.390 393
regulators ex Greenwich 46, 196
National Maritime Museum Appeal 196, regulator to return to Greenwich 405
repeater, ebony case, ex Condover Hall 284
Selby-Lowndes clock 288, 289
wall clock at Havard 355
Tompion and Banger year equation longcase clock 344, 349
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Torsion balance</td>
<td>70</td>
</tr>
<tr>
<td>Tortoiseshell bracket clocks, research request</td>
<td>367</td>
</tr>
<tr>
<td>Tourbillon, watch by Nicole Nielsen</td>
<td>166</td>
</tr>
<tr>
<td>Toy Watches, Notes on, by Simon Bendall</td>
<td>531-535</td>
</tr>
<tr>
<td>Transit of Venus</td>
<td>355</td>
</tr>
<tr>
<td>Travelling clock by:</td>
<td></td>
</tr>
<tr>
<td>anonymous, alarm, early English</td>
<td>471</td>
</tr>
<tr>
<td>Grohe</td>
<td>209</td>
</tr>
<tr>
<td>Treffry, Timothy</td>
<td>418</td>
</tr>
<tr>
<td>Treffry, T. &amp; A., see Rawlings</td>
<td></td>
</tr>
<tr>
<td>Treherne, A.</td>
<td></td>
</tr>
<tr>
<td>lecture, The Massey Family</td>
<td>28</td>
</tr>
<tr>
<td>letter, Pitkin watches</td>
<td>271</td>
</tr>
<tr>
<td>Trumpeter Clocks, Lecture by Ron Foord</td>
<td>133</td>
</tr>
<tr>
<td>Tubbecke, Jurgen, Jewels and Jewelling, Lecture</td>
<td>231</td>
</tr>
<tr>
<td>Tuck, Paul</td>
<td></td>
</tr>
<tr>
<td>letter, 'Horology Under the Hammer', Errata</td>
<td>269</td>
</tr>
<tr>
<td>letter ref. Margetts watch</td>
<td>454</td>
</tr>
<tr>
<td>Tucker, 35 Edgware Rd., ebonised bracket clock, stolen</td>
<td>458</td>
</tr>
<tr>
<td>Tucker, Portsmouth, ebonised bracket clock, stolen</td>
<td>177</td>
</tr>
<tr>
<td>Turkish market, Markwick, Markham &amp; Perigal</td>
<td>4</td>
</tr>
<tr>
<td>Vulliamy, Benjamin and Benjamin Lewis</td>
<td>118-131</td>
</tr>
<tr>
<td>Turner, A. J., Restoration of the 'Gros Horloge' at Rouen in 1889</td>
<td>446-449</td>
</tr>
<tr>
<td>Turret clock</td>
<td></td>
</tr>
<tr>
<td>earliest picture of (c. 1377)</td>
<td>392</td>
</tr>
<tr>
<td>French flatbed</td>
<td>377</td>
</tr>
<tr>
<td>Turret clock, maker</td>
<td></td>
</tr>
<tr>
<td>Benson</td>
<td>139</td>
</tr>
<tr>
<td>Chateau, E. &amp; C., Paris</td>
<td>447</td>
</tr>
<tr>
<td>Condliff, James, Liverpool</td>
<td>140, 418</td>
</tr>
<tr>
<td>Cooke of York,</td>
<td>422</td>
</tr>
<tr>
<td>Davis of Windsor</td>
<td>330</td>
</tr>
<tr>
<td>Garwood</td>
<td>31</td>
</tr>
<tr>
<td>Gents of Leicester</td>
<td>31, 140</td>
</tr>
<tr>
<td>Gillett, Bland &amp; Co.</td>
<td>31</td>
</tr>
<tr>
<td>Gillett &amp; Johnston</td>
<td>31, 328</td>
</tr>
<tr>
<td>Green, Thos.</td>
<td>140</td>
</tr>
<tr>
<td>Harrison, John</td>
<td>24</td>
</tr>
<tr>
<td>Harrison, Thomas</td>
<td>418</td>
</tr>
<tr>
<td>Joyce of Whitchurch</td>
<td>140</td>
</tr>
<tr>
<td>Jullion, Jn</td>
<td>31</td>
</tr>
<tr>
<td>Potts of Leeds</td>
<td>140</td>
</tr>
<tr>
<td>Roskell, Derby</td>
<td>140</td>
</tr>
<tr>
<td>Russell, John</td>
<td>24</td>
</tr>
<tr>
<td>Thorpe, Samuel</td>
<td>511</td>
</tr>
<tr>
<td>Vulliamy</td>
<td>514</td>
</tr>
<tr>
<td>Worgan, Mat.</td>
<td>31</td>
</tr>
<tr>
<td>Wynne, William</td>
<td>330</td>
</tr>
<tr>
<td>Turret clock, place</td>
<td></td>
</tr>
<tr>
<td>Allerton</td>
<td>140</td>
</tr>
<tr>
<td>Bermondsey</td>
<td>129</td>
</tr>
<tr>
<td>Birkenhead Priory</td>
<td>140</td>
</tr>
<tr>
<td>Birkenhead, St mary's</td>
<td>418</td>
</tr>
<tr>
<td>Brafferton</td>
<td>422</td>
</tr>
<tr>
<td>Brentford</td>
<td>31</td>
</tr>
</tbody>
</table>
Bristol, St Stephen's 31
Brocklesby Park 24
Childwall Church 140
Bishop Eton Seminary 140
Cottageham 422
Durham Cathedral 422
Eccleston 418
Enkhuizen 214
Falkirk 24
Helperby 422
Heworth 422
Huyton Golf Club 139
St Michael's 139
Liverpool, Liver Building 140
Bluecoat School 140
Montreal, St Sulpiece 328
Mossley Hill 140
Oxford Examination Schools (electric) 530
Plaistow 31
Quey Park 514
Redhill 31
St Martin le Grand, York 422
Staines, St Mary's 330
Swillington 422
Thorganby 422
Toronto, Old City Hall 328
Windsor Castle, Curfew Tower 330
Woolton 140
York Observatory 422

Turret Clocks in Royal Residences, lecture by Paul Craddock and Peter Ashworth 330
Turret Clocks of Cooke of York, The, lecture by Alan Smith 422
Turret Clocks of B. L. Vulliamy, The, lecture by Chris McKay 418
Turret Clocks of Kent, lecture by Mike Bundock 514
Tyler, F. J., letters, Act of Parliament clocks 82, 271
reports, book reviews 24, 80
Tyzack, Norton, reports 140, 514
Uyterweer, Rotterdam, repousse watch No.325, stolen 459
Vacheron Constantin complex watch ex King Farouk 401
Vale, Wm. & Co, ref. Vulliamy 125
Valler a Lyon, octagonal crystal watch, stolen 459
Vancouer, George, see Davies, Dr Alun C.
Varicas, Abraham, ref. Vulliamy 127
Vaughan, DrDenys, Charles Shepherd's Electric Clocks 519-530
The Royal Society and the Fourth Dimension 262
reports 81
Venus, transits of 49, 60-69
Vernon, Francis, ref. Huygens 41
Viennese clocks 12, 93
Viennese clocks Exhibition 388
Viet, Vlaude, London, silver 1710, verge watch, stolen 85
Vietres & Repignon, Paris, carriage clock, stolen 458
Visits see Sections Meetings
Volpaia, Lorenzo Della, astronomical clock reconstruction  313
Voore, Tim, lecture, Almost Perpetual Motion: The Amazing Clinker Pendulum Clock  513
Vullamy (sic), London, mahogany bracket clock, stolen  84
Vulliamy, Turkish organ clock  93
musical clocks  270
Turret clock for Kater crypt at Hastings  270
turret clock at Quex Park  514
Vulliamy, B. L., The Turret Clocks of lecture by Chris McKay  418
Vulliamy Clock Numbering, a Postscript, by Roger Smith  427-429
Waddington, Robert  61
Wadge, Chris., Four Hundred Day Clocks and Their Restoration, lecture  327
Wagner, Johann G., alias Rengaw  147
Wales, Watchmaking in, Part 1, by D. H. Bacon  495-506
Wales, William  63
Walker, P., lecture, Medieval Craftsmen at Work  230
Wall clock, American OG, shows Princes St. Edinburgh, stolen  368
Becker, Gustav, Vienna regulator, stolen  178
Fromanteel, at Havard  355, 356
Graham  112
papier-mache & mother of pearl dial clock, stolen  178
Symington  135
Tompion, at Havard  355
Woodley, Tenterden, tavern clock, stolen  178
Wallis, John, mathematician  38
Watch, Achard et fils, gold brooch form watch, stolen  459
Bouquet, Londini, plain silver, stolen  459
Bouvier, Amy, c. 1690, engraved silver, stolen  459
clock-watch with foliot and stackfreed, stolen  558
Conyers, London 1735, gold repousse, stolen  460
Cope, Chls Jn, Rathbone P1., gold, No.878, stolen  85
Drury, James, gold No.299, enamel outer, stolen  459
Ellicott, watch movement, stolen  558
Ellicott and Taylor, watch movement, stolen  558
File, watch movement, stolen  558
Filloeul à Abbeville, gilt shagreen, stolen  459
Fly, watch, stolen  558
Gide & Blondet fils, gold & enamel gourd, stolen  459
Hahn, Stuttgart  14
Hele, P., sun & moon dial, crystal, stolen  459
Holloway, watch movement, stolen  558
Johnson, London 1732, gold filigree, stolen  460
Jones, Henricus, Londini, c. 1680 enamel, stolen  459
Klotz, U., Augsburg, oval silver-gilt, stolen  459
Lange & Söhne  14
lunette handled, stolen  460
Marchinville, watch, stolen  558
Martin, Theophilus, No.4724  202
Matthey & Comp, No. N933, enamelled gold, stolen  459
Midnall, John in Fleet St., marrow form, stolen  459
Patron Jas., gold & enamel mandolin case, stolen  459
Peacock, Royal Exchange, gold, No.4882, stolen  459
Perigal, No.17499 enamel & jewelled gold, stolen  459
Perigall and Duterrau, watch movement, stolen 558V21
Piguet Meylan, musical watch ex King Farouk 400V21
Pinnault à Geneva, gold, stolen 459V21
Prideaux, watch, stolen 558V21
PSM gilt oval verge watch, stolen 459V21
Rowe, Jas London No.579, repousse gold, stolen 459V21
Shrapnell, N1681, gold, enamel, pearls, stolen 459V21
Staples Wm., London, gold & horn, No.1347, stolen 460V21
Stone, H., London, silver 1900, stolen 274V21
Swiss gold & enamel pear-form verge watch, stolen 459V21
Swiss verge watch, floral enamelled gold, stolen 459V21
Taylor, watch movement, stolen 558V21
Thuiet, London, No.417, gold pair case, stolen 459V21
Uyterweer, Rotterdam, repousse, No.325, stolen 459V21
Vacheron Constantin complex watch ex King Farouk 401V21
Vallier a Lyon, octagonal crystal, stolen 459V21
Verga, 1620, 7-sided crystal case, stolen 459V21
Verga, stackfreed, rectangular ivory, stolen 459V21
VIet, Vlaude, London, silver 1710, verge, stolen 85V21
Vulliamy, Justin 15V21

Watches in the History of Science Museum, Oxford 369, 493V21

Watch case makerV21
Comtesse, Louis 229V21
Matthews, Frederick 229V21
Matthews, Martin 229V21
Stram, Alfred 229V21

Watch Case Makers of England, A History and Register of 1720-1920, by Philip T. Priestley, reviewed 550V21

Watch Case Making, lecture by M. Matthews 229V21
Watch Case Making in Liverpool, lecture by Roger Carrington 323V21
Watch-cocks, lecture by Clive Ponsford 419V21
Watchmaking, description of, by H. Bickley, 1880 505V21
Watchmaking in Wales, Part I, by D. H. Bacon 498-506V21
Water-driven Clocks, lecture by Dr A. Mills 232V21
Watson, Samuel 540-549V21
Watson, Kirriemuir, painted dial longcase, stolen 274V21
Weaving, Alan, reports 512V21
Webb, Benjamin 160, 161V21
Webster, London, ebony bracket clock, 3-train, stolen 273V21
Weeks, Coventry St., satinwood mantel clock, stolen 458V21
Weeks, Henry, seated woman case mantel clock, stolen 274V21
Wells, Capt. Robert 58V21
Wheatland, David P., scientific instruments collection 352V21
Wheelcutting engines 135V21
Wheelcutting lecture by N. Jacklin 232V21
Wherewell, William 75V21
White, E., carriage clock 307V21
Whitestone, S., A Minute Repeating Watch c. 1715: Friedburg's Ingenuity in a Biased Market 145V21
Whitmore, Northampton, tavern clock 301V21
Williams, Aberystwyth 1844, longcase, stolen 368V21
Willis Museum, Basingstoke, watches stolen fromV21
Clock-watch with foliot and stackfreed;V21
watch movements by: Ellicott; Taylor; EllicottV21
and Taylor; Perigall and Duterrau; Holloway;V21
File; watches by: Prideaux; Fly; Marchinville. 558V21

Watch Case Makers of England, A History and Register of 1720-1920, by Philip T. Priestley, reviewed 550V21
Winding mechanisms 327
Winterton, John, V21
    Joseph Kirk, research request 555 V21
    letters 172, 176, 272 V21
    reports 27, 322, 323 V21
Winthrop, John 355 V21
Wirtz, Paul, letter 365 V21
Wolfendale, Prof. Arnold, lecture, *Time - The Beginning and the End* 416 V21
Wooden Clock Cases (David Bryant), reviewed 360 V21
Wood-Heath, David, lecture, Lathes 233 V21
Woodley, Tenterden, tavern clock, stolen 178 V21
Wren, Sir Christopher, and Huygens 38 V21
Wright, John, watch 167 V21
Wycheley, John, Prescot 500 V21
York, Clockmaking in, letter 82 V21
York Observatory 421 V21
Young, Charles 68 V21
'Ysorb' see Brosy 416 V21
Z 155, 156 V21
Zeidelmair 155, 156 V21
THE ANTIQUARIAN HOROLOGICAL SOCIETY
Registered Charity No 260925
Chairman: Michael SMITH & Rita SHENTON
President: Sir ARNOLD WOLFENDALE, FRS.
Secretary: Mrs. M. COLLINS
Auditor: J. HASTINGS
Technical Enquiry Officer: J. H. F. WADSWORTH
Hon. Librarian: J. H. LEOPOLD

All correspondence should be addressed to the Secretary at 'New House', High Street, Ticehurst, East Sussex, TN5 7AL. Tel.: (01580) 200155, Fax: (01580) 20132.

VOLUME TWENTY-TWO
and the proceedings of the ANTIQUARIAN HOROLOGICAL SOCIETY
Issued Quarterly to Members
Editor: Denys Vaughan
LIST OF ARTICLES

Early Musical Clocks by J. J. L. Haspels 23 - 34
Horology Under the Hammer Watches at Auction 1993-94 by Paul Tuck 50-57
Watchmaking in Wales, Part 2 by D. H. Bacon 58-65
Vulliamy Musical Clocks by Roger Smith and David Thompson 66 - 67
Horology, Technology and Ingenious Yankees by Donald R. Hoke: essay review by Alun C. Davies 68-73
Frank Hope-Jones and George Bennett Bowell A study of the period 1895 - 1905 by J. S. Cowsill 118 - 129
List of Lists by Francis Wadsworth 130 - 135
Water-Driven Clocks by Allan A. Mills 136 - 145
Picture Gallery by Leslie Paton 158
The Meandering Microcosm by John R. Millburn 160 - 161
Thomas Yates Revisited by Albert Odmark 162 - 163
A Wall Alarm Clock by James Woolley of Codnor by Jeff Darken 164-166
Two Henry Hindleys in Greater Manchester by Edmund Davies 166 - 168
A Very Important Chapter Added to the History of the Self-Winding Watch by Joseph Flores 214 - 229
Two Vulliamy Watches with Royal Associations by David Thompson and Roger Smith 230 - 237
Picture Gallery by Leslie Paton 250 - 251
Hourglasses on some English and Scottish Tombstones by David Boullin & Anne Nairne-Clark 252 - 253
John Joyne, Secret Agent by Ivan Slee 254-255
Horology under the Hammer Clocks at Auction 1994-95 by Paul Tuck 302-311
The Kessels Sidereal Clock by Christopher Wood 312-319
The Fruit and Flowers of James Wilson by M. E. Tennant 320-324
Picture Gallery by Leslie Paton 339
Optional Extras by J. R. Melvin 344 - 345
Josiah Emery, Watchmaker of Charing Cross by Jonathan Betts 394-401
The Meath-Bowell Constant Force Electrically Maintained Clock by Richard Good 402 - 408
The Marine Chronometers in the Collection of the Mariners’ Museum by Willem F. J. Mörzer Bruyns and Jeanne Willox-Egnor - - - - 409 - 415
The Accurate Compensation of Graham's Mercurial Pendulum by A. D. Stewart 416 - 421
Picture Gallery by Leslie Paton 434 - 435
The Planet Watchers of Greenwich from Dickens's Household Words by Jonathan Betts 436 - 437
A Knibb Conundrum by Ron Kirkpatrick 438 - 439
Thomas Tompion No.300 by John Winterton 440 - 441
George Graham and Two Manchester Men by Edmund Davies 442 - 444
The Third Seafaring Nation: The Introduction of the Marine Chronometer in the Netherlands by J. H. Leopold 486 - 500
Horology Under The Hammer: Watches at Auction, Part 1 by Paul Tuck 501-509
Josiah Emery: Part 2, Precision Pioneer by Jonathan Betts 510 - 523
An Articulated Rack by Tim Brameld 541
A Mystery Timer by John A. Robey 542 - 543
The Hourglass and Trade Symbols on Scottish Tombstones by John M. Howat & Trudie E. Roberts 544 - 545
Picture Gallery by Leslie Paton 546 - 547
INDEX TO VOLUME TWENTY-TWO

Compiled by Brian Sparks

Page numbers in bold type denote an illustration.

AHS Section and Group meetings are indexed under title and author. For all other AHS activities e.g. tours, see 'Section Visits'.

A
Aaronson, Hanley, watch by
About Time, exhibition, East Anglia University 1996
films, Norwich 1996

AHS
Annual General meetings
Chairman's Notes
Devon & Cornwall Section proposed
Dutch Section: organization and activities
From the Secretary
journal editorial policy
Publications
Awards, Art and Archives
Oral History
Improving The Odds
Publications etc.
Changing The Guard
Library, books ex Percy Dawson library, listed
London Meetings venue changes
Percy Dawson Medal inaugurated
publications policy (Rita Shenton)
publicity
recruitment
subscription charges changes

Wolfendale, Sir Arnold, AHS President, AGM Address, public awareness of Horology

knighted

AHS Technical Enquiries, lecture by Wadsworth, Francis
Airiau, Athanase, water clock
Airy, George, Astronomer Royal, and assistants, salaries
Alarm Clocks and Interval Timers, lecture by Hutchinson, Beresford
Alarm clock, English c. 1720
Alarm wristwatches, c. 1960s
Albertolli, Italian architect: Vulliamy connection
Alkborough, turret clock at
Allam, London, bracket clock
Allam & Clements, tavern clock
American system of clock manufacture
American Clocks, Unusual, lecture by Taylor, J.
Anglesey Abbey, clock collection at
Antes, John, pocket chronometer, auction
Antiquarian Horological Society

Antrim, Joseph, walnut musical bracket clock, stolen
Applebee, Michael, Wood-framed Turret Clock (research request)
Apprentice, The, lecture by Taylor, Terry
Arnfield, Jim
Automatic Winding Work in Watches, lecture
Repeating Watchwork: a Demonstration via CCTV, lecture
The Hermitage Museum, lecture
Arnold, pocket chronometer by
Arnold, and Netherlands marine timekeeping
Arnold, John & Son, month regulator
Arnold, of Childe Okeford, turret clock by
Asprey Collection, book on
Asthall, turret clock at
Astronomical clock by Joseph Ellicott,
Astronomical skeleton clocks by
Kessels, Heinrich Johann
Motel, à Paris
Sarton, à Liège
Verneuil
Auction prices
Auction prices
Automaton table clock c. 1775
Bacon, D. H.,
Bacon, Edwin,
Barometer Makers and Retailers 1690-1900, book
Barometer Makers and Retailers 1690-1900, book
Barbet, Marseilles, his duplex escapement
Barraud, No.309, gold watch, 1804, royal arms on back, stolen
Barraud & Lund, musical bracket clock
Barraud & Lund watch No.2/9622, stolen
Barrett, brass dial, musical, walnut bracket clock, stolen
Barnett, silver mounted repeater bracket clock
Barometers, books on
'Barometer World' museum, Oakhampton, Devon
Barraud & Lund, musical bracket clock
Barraud & Lund watch No.2/9622, stolen
Bartels, Tom, The Drexel Astronomical Clock by David Rittenhouse: an American Masterpiece, lecture
Barthé, Marseilles, his duplex escapement
Barton, John, watch by, commemorating Harrison
Bartram, Simon, bracket clock
Barwise, large engraved carriage clock
Barwise family, military connections
Batavien Society for Experimental Philosophy
Bateman, Douglas

Barthel, Marseilles, his duplex escapement
Baron, John, watch by, commemorating Harrison
Bartram, Simon, bracket clock
Barwise, large engraved carriage clock
Barwise family, military connections
Batavien Society for Experimental Philosophy
Bateman, Douglas

Precision Timekeeping and the NAWCC Seminar, Cleveland, Ohio, 1992, lecture

Bateman, Douglas

Barthel, Marseilles, his duplex escapement
Baron, John, watch by, commemorating Harrison
Bartram, Simon, bracket clock
Barwise, large engraved carriage clock
Barwise family, military connections
Batavien Society for Experimental Philosophy
Bateman, Douglas

Precision Timekeeping and the NAWCC Seminar, Cleveland, Ohio, 1992, lecture

Barthel, Marseilles, his duplex escapement
Baron, John, watch by, commemorating Harrison
Bartram, Simon, bracket clock
Barwise, large engraved carriage clock
Barwise family, military connections
Batavien Society for Experimental Philosophy
Bateman, Douglas

Precision Timekeeping and the NAWCC Seminar, Cleveland, Ohio, 1992, lecture
Benson, 25 Old Bond St., large carriage clock 193
Bentley & Beck, No.1519, dead-beat verge, auction 505
Bere Regis, turret clock at 147
'Bergischen Land', book on clocks made in 116
Berridge, William, bracket clock 332
Berthoud, Ferdinand, and Netherlands marine timekeeping 491, 500
Essai sur l'Horlogerie, 1st. edition, auction 502
No.40 Longitude timekeeper 461
No.46 marine timekeeper, auction 508
ormolu & marble skeleton clock 102
Berthoud, Louis, marine chronometer No.19 208
No.52, chronometer, 1801 385
Bets, Jonathan, Josiah Emery, Watchmaker of Charing Cross 394 - 401
Josiah Emery: Part 2, Precision Pioneer 510 - 523
The Clocks of the National Trust and Their Conservation, lecture 40
The Planet Watchers of Greenwich, from Dickens' Household Words 436 - 437
The Story of Lt Cmdr. R. T. Gould, lecture 329, 422
Thomas Earnshaw (letter) 79
BHI Code of Conduct for restoration work 151
Bilbie, family of clockmakers 445
Bilbie, turret clock 445
Bird, Clifford, 'Norfolk and Norwich Clockmakers': how the Book came about, lecture 530
Birnau Monastery, turret clock at 147
Blondeau, Paris, ormolu mounted table regulator 192
Bolton, John, John Crawford research request 357
Bolwick Hall, turret clock from 45
Bomb timers 39
Bonniksen, karrusel watch 56
Book reviews, (by author, reviewer's name in brackets) 259
Banfield, Edwin, Barometer Makers and Retailers 1690-1900, (Jane E. Insley) 259
The Italian Influence on English Barometers From 1780 (Jane E. Insley) 259
Bedini, Silvio, The Trail of Time: Time Measurement with Incense in East Asia (J. H. Combridge) 170
Crisford, Andrew, Masterpieces from the Asprey Collection; Vol. 1, Abraham-Louis Breguet (Anthony Randall) 256
Hoke, Donald R., Horology, Technology and Ingenious Yankees, essay (Alun Davies) 68 - 73
Hucker, Ernest see book by Moore, James Hughes, Peter, French Eighteenth Century Clocks and Barometers in the Wallace Collection (S. Medlam) 169
Kochmann, Karl, Clock and Watch Trademark Index: European Origin (Francis Wadsworth) 259
Moore, James, Rice, R., and Hucker, E., Bilbie and the Chew Valley Clockmakers (Clive Ponsford) 445
Mühe, Richard, and Kahlert, Helmut, Sonderdruck Bildteilaus Geschichte der Uhr (E. J. Tyler) 170
Nordon, Marcel, Histoire de l'hydraulique (A. J. Turner) 349
Rice, Roy, see book by Moore, James Roberts, Kenneth D., Eli Terry and the Connecticut Shelf Clock (E. J. Tyler) 75
Sabrier, Jean-Claude, Longitude at Sea in the time of Louis Berthoud and Henri Motel (E. J. Tyler) 74
Tennant, M. F. Longcase Painted Dials, Their History and Restoration (Michael Hurst) 348
Wood, Stacey B. C. jr., Clockmakers and Watchmakers of Lancaster County, Pennsylvania (E. J. Tyler) 445
Woodward, Philip, My Own Right Time, An Exploration of Clockwork Design (Douglas Bateman)
Books, horological see Wadsworth, Francis

Books in AHS Library ex Percy Dawson, listed

Books, regional (Wadsworth's list of lists)

Book writing, regional horological, lecture on

Booth, Aberdeen, circular dial, mahogany bracket clock, stolen

Boullin, David, & Anne Nairne-Clark, Hourglasses on some English and Scottish Tombstones

Bovet, Bovet Fleurier S. A., research request

Bowell, G. B. see Hope-Jones

Boxall, T. Martyn Jones research request

Bracket Clocks, The Development of lecture by Robinson, Tom

Bracket clocks (including table clocks)

Allam, London
Antram, Joseph, walnut, musical stolen
Automaton table clock c. 1775
Barber, brass dial, musical, walnut, stolen
Barnett, John, silver mounted repeater
Barraud & Lund, musical bracket clock
Bartram, Simon
Berridge, William, 1775
Booth, Aberdeen, white dial, mahogany, stolen
Bradshaw, John, apprenticed to Hindley of York
Carter, Salisbury, ebonised bracket repeater
Clarke, George, musical, stolen
Constantine, John, London, bracket timepiece
Coster, Salomon
Craddock, King St., 8 bells, mahogany, stolen
Crouch, Edward, ebonised bracket repeater
De Charmes, brass dial, ebony, stolen
Desbois, Daniel, Rosewood gothic case
Dickman, Leith, circular dial, mahogany, stolen
East, Edward, 3 days duration
East, Edwardus, table clock
Ellicott, Jno., burr walnut repeater
Fenton, James, mahogany, stolen
Flista, Giovanni, Naples, Bracket clock
Fromanteel, A., Londini, ebony veneered, 3 day duration, 1687, stolen
Garon, Peter, tortoiseshell musical bracket clock
Graham, George
No.678, ebonised, stolen
No.687, table clock
silent escapement bracket clock
Grimalde, & Johnson miniature timepiece
Hamley, mahogany, stolen
Hilderson, John, Dutch striking, stolen
Hindley, H., York, brass dial, ebonised, Stolen
Jones, Henry, alarm
Kershaw, Geo., brass dial, mahogany, stolen
Knibb, night and other clocks
Knibb, John, 6 bells repeat, ebony, stolen
Knibb, John, Oxon., walnut repeat timepiece
Knibb, Joseph
Londini, ebonised, square dial, stolen
walnut quarter repeat timepiece
Kroese, J. P., Amsterdam, brass dial, Dutch striking, ebonised, stolen 554
Markham, Turkish, musical, tortoiseshell, stolen 177
Monkhouse, John, fruitwood, stolen 177
Moore, Ipswich, brass dial, mahogany, stolen 268
Newton, London, Walnut 97
Page, London, No.505, ebonised, ormolu, stolen 268
Peterson, Copenhagen, tortoiseshell musical clock 303
Pinchbeck, Cristopher(sic), ebonised, repeat on 6 bells, stolen 177
Pistor, Edward, musical, mahogany, stolen 268
Pritchard, John, brass dial, mahogany, stolen 452
Pyke, John, 5 bells, repeat, ebonised, stolen 359
Quare, No.44, break-arch, repeater, stolen 177
Quare & Horseman, musical bracket clock 306
Richardson, John, ebonised bracket repeater 293
Rivers & Son, mahogany 200
Smith, Chester, musical, stolen 82
Tompion, Thomas, ebony repeat timepiece 298
No.66, quarter repeat timepiece 114
No.103 repeating 368
No.205 bracket clock 291
No.300 grande sonnerie 440-441
No.317 99
Tompion & Banger quarter repeat No.427 4
No 430 105
Travers, Adam, Liverpool, brass dial, ebonised, stolen 452
Viet, Claude, brass dial, musical, ormolu, stolen 452
Vulliamy, Justin, ebonised bracket clock 188
Wagstaffe, Thomas, London, Turkish dial, red & green lacquer, stolen 452
Walker, R'd., Godstone, silvered dial, mahogany, stolen 268
Wheatley, Carlisle, and bracket, floral carved mahogany, stolen 268
Whitehurst, Derby, ebonised, stolen 82
Windmills, green lacquer, repeat on 6 bells, stolen 177
quarter re 191
Brashaw, John, bracket clock 168
Brameld, Tim, An Articulated Rack 541
Bramer, Gerrit, watch 50
Bramley, Jn., Andover, painted dial longcase clock, stolen 178
Brass mainsprings 240
Breguet, montre a tact, No.2878 201
No.1885, clockwatch, auction 502
No.3112, jump-seconds watch, auction 504
twin pendulum regulator 149
Breguet et Fils, No.3856, pocket chronometer movement, stolen 82
Brequet see Breguet
Breguet see Breguet
Bridges' Microcosm, chronology of 160
Bristol, and lantern clock making 241
Bristol University, electric clock by Robertson 153
British Clocks, Early, lecture by Langmaid, Norman 431
Brockbank, watch 50
Brockbank & Atkins No.1805 marine chronometer 292
Brocot, No.305 coromandel 4-glass case mantel clock, stolen 178
Brocot, Achille, 5-year duration movement 424
Brown, see Graham, George, associates\textsuperscript{V22}
Brown, Andrew, Scottish clock casemaker 527\textsuperscript{V22}
Brown, William, turret clock 44\textsuperscript{V22}
Bryson, Robert, regulator at Edinburgh Observatory 240\textsuperscript{V22}
Buck, Peter, water clock 145\textsuperscript{V22}
Buckingham Palace, clocks in 149\textsuperscript{V22}
Buckland Newton, turret clock at 334\textsuperscript{V22}
Bundock, Michael, AHS treasurer, reports 524\textsuperscript{V22}
Burden Bros., turret clock 334\textsuperscript{V22}
Bury St Edmunds, at, Working Time, Exhibition 22\textsuperscript{V22}
Byland van, voyage with Arnold and Emery timekeepers 489\textsuperscript{V22}
Emery timekeeper described 522\textsuperscript{V22}
Byrom, John, poet, visits to George Graham's shop 442–444\textsuperscript{V22}
Campbell, Gregor, \textit{Mainsprings, Fuses and Stopwork}, lecture 37\textsuperscript{V22}
Campbell, Gregor, Dareau, M., and Lowman, S., \textit{Two Sixteenth-Century German Watches}, lecture 526\textsuperscript{V22}
Campiche electric clock 128\textsuperscript{V22}
Carlihian, bronze & ormolu Elephant clock, stolen 82\textsuperscript{V22}
'Carillon', origin of the word 23\textsuperscript{V22}
Carillon 43\textsuperscript{V22}
Carriage clocks\textsuperscript{V22}
Barwise, large engraved carriage clock 207\textsuperscript{V22}
Benson, 25 Old Bond St., large carriage clock 193\textsuperscript{V22}
Crich, Leamington, painted panels, stolen 268\textsuperscript{V22}
Drocourt, No. DC9591, stolen 82\textsuperscript{V22}
French, London, ornate gilt carriage clock 194\textsuperscript{V22}
Gamier, Paul, hour repeat, No.2293 206\textsuperscript{V22}
Howell, James & Co., grande sonnerie, calendar, alarm, stolen 359\textsuperscript{V22}
Jackson, W. H. & S., twin-fusee, stolen 452\textsuperscript{V22}
Leroy, petite sonnerie carriage clock 304\textsuperscript{V22}
Smith, E. W., Maddox St., timepiece, stolen 178\textsuperscript{V22}
Vieyres (? Vieres) & Repington, stolen 554\textsuperscript{V22}
Vulliamy No.1052 with box 390\textsuperscript{V22}
Carter, Salisbury, ebonised bracket repeater 281\textsuperscript{V22}
Cartier, No.4038 rock crystal dress watch, auction 505\textsuperscript{V22}
Cattell, William, walnut marquetry longcase, stolen 82\textsuperscript{V22}
Cattistock, turret clock at 334\textsuperscript{V22}
Catton, clock 266, 355\textsuperscript{V22}
Catton, Richard, J. W. Busch, research request 175\textsuperscript{V22}
Causard, du Roi, white marble, & ormolu lyre mantel clock, stolen 554\textsuperscript{V22}
Cawston, turret clock at 45\textsuperscript{V22}
Chamberlain, Paul, chronometers see Museum, Mariner's\textsuperscript{V22}
Chambers, Sir William, and Vulliamy connection 67\textsuperscript{V22}
Chapelle, Ken, Scottish Section reports 424\textsuperscript{V22}
Chapman, Dr Alan, George Graham, Horologist and Mechanician, lecture 35, 39\textsuperscript{V22}
Charleton Marshall, turret clock at 334\textsuperscript{V22}
Charlton, John, octagonal silver & crystal watch 111\textsuperscript{V22}
Chatham, Margaret, Midlands Section reports 528\textsuperscript{V22}
Chatham, Peter & Margaret, Clocks in Vienna, lecture 330\textsuperscript{V22}
Childwall, turret clock at 429\textsuperscript{V22}
Chronometers, (marine unless stated otherwise)\textsuperscript{V22}
Berthoud, Ferdinand, No.40 longitude timekeeper 461\textsuperscript{V22}
Berthoud, Louis, V22
No.19 208 V22
No.52, silver case, 1801 385 V22

Brockbank & Atkins No.1805 292 V22

Crisp, William, No.405, 8-day, rosewood, stolen 268 V22
Dent, No.28317, pocket chronometer 365 V22

Dittisheim, deck watch No.64987 202 V22
Frodsham No.8892, desk chronometer 90 V22

Guinard, F., tourbillon pocket chronometer 108 V22
Hewitt No.2554 103 V22

Hornby, Richard, No.956, 8-day, mahogany, stolen 452 V22
Krille, Altona, travelling chronometer, No.1322 202 V22

Litherland & Davies, No.1150, 2-day, mahogany, stolen 359 V22
Maritime museum (USA) collection, examples by: V22
Arnold, Berthoud, Blackie, Bliss & Creighton, V22
Breguet, Cairns, Campbell, Earnshaw, Emery, V22
Hamilton, Hewitt & Son, J. Johnson, Litherland, V22
Davies & Co., Margetts, H. L. Matile, V22
Molyneaux, Motel, Nardin, Nicole & Co., V22
Pennington Pendleton & Barraud, Poole, V22
Porthouse, Ulrich, Widenham, Woolfe. 410-415 V22

and chronometer balances by: V22
Airy, Dent, Eiffe, Hardy, Hartnup, Hewitt, V22
Kullberg, Loseby, Lund, Mays, Mercer, V22
Molyneaux, Ody for Poole, Poole, Porthouse, V22
Ulrich. 415 V22

Motel, V22
No.41, auction 507 V22
No.82 96 V22
No.119 103 V22
No.169 385 V22

Nardin, deck watch No.19763 202 V22
Penrkinson & Frodsham, No.3015 373 V22
Pennington, Robert, observatory chronometer, 1801 385 V22
Plaskett, No.5456 372 V22
Poole, John, No.2188 103 V22

Chronometer box, earliest 514 V22

Chronometers, Marine, in the Mariner's Museum, by Willem F. J. Mörzer Bruyns and Jeannine Willoz-Egnor 409 - 415 V22

Chronometrophilia, 20th Anniversary Exhibition 1996 117 V22
Chronophorer electric clock 152 V22
Clarke, George, musical bracket clock, stolen 82 V22
Clayton, William, see Graham, George, associates V22
Clock Case Restoration, lecture by Hardie, James 424 V22
Clock Hand Fretting, lecture by T. Miles 148 V22
Clock Reairing Techniques, lecture by May, Ian, 241 V22
Clockmakers’ Company and its Collection, The, lecture by White, Sir George 326 V22
Clockmakers, Worshipful Company of, 1995 prize-winner S. Whitestone 393 V22
Clockmaking, Traditional, lecture by Zygos, Edmund 43 V22
Clocks in Vienna, lecture by Chatham, Peter & Margaret, 330 V22
Cloister Clock Co. see Tiffany V22
Closed-Circuit Television display of working watches 149 V22
Cloos, van der, Dutch bracket clock 40 V22
Cloud, Ralph, Beaminster, lantern clock, stolen 359 V22
Cole, Thomas, V22
strut clock for Hancock 386 V22
strut clock No.1705 107V22
Collins, Maria, AHS Secretary, reports 35, 146, 238, 325, 524V22
Colney Heath Asylum, for watch and clockmakers 152V22
Complicated Clock, A, lecture by Rose, Ron 529V22
Condiffe, passing strike skeleton clock 209V22
Congreve clock, by Moxon, 305V22
Connecticut clocks, book on 75V22
Constant-force escapement (Meath-Bowell clock) 402-408V22
Constantine, John, London, bracket timepiece 187V22
Conversion, 30-hour to 8-day 248V22
Cosley, Robert, lantern clock 40V22
Coster, Robert, lantern clock 40V22
Coster, Salomon, bracket clock 332V22
Coup perdue 42V22
Coventry, watchmaking in 59, 353, 357V22
Cowin, Jim, awarded Percy Dawson Medal 391, 524V22
Electrical Horology Group reports 332, 428, 536V22
Frank Hope-Jones and George Bennett Bowell: A study of the period 1895 - 1905 118 - 129V22
London meeting report 238V22
Cox, James, clockwatch in scent flask 11V22
Craddock, King St, 8 bells, mahogany bracket clock, stolen 359V22
Craddock, Paul, Clocks in the Royal Collections, lecture 149V22
Crich, C., Leamington, painted panels, gorge case carriage clock, stolen 268V22
Crisford, Andrew, Masterpieces from the Asprey Collection; Vol. I, Abraham-Louis Breguet, book 256V22
Crisp, William, No.405, 8-day rosewood chronometer, stolen 268V22
Crouch, Edward, ebonised bracket repeater 289V22
Cumming, barograph by 149V22
Cummins, Charles, regulator, patent No.1769 of 1853 434V22
D’Aligre 7V22
Daniel, Christopher, Sundials, an Introduction to, lecture 330V22
Dareau, Michael, see also Campbell, Gregor V22
Working Conditions in the Horological Trade, as recorded by Felix Hudson, lecture 37V22
Darken, Jeff: A Wall Alarm Clock by James Woolley of Codnor 164 - 166V22
London meeting report 326V22
Davies, Alun C., Horology, Technology and Ingenious Yankees: by Donald R. Hoke, essay review 68 - 73V22
Ulster Section reports 41, 535V22
Davies, Edmund, Two Henry Hindleys in Greater Manchester 166 - 168V22
George Graham and Two Manchester Men 442-444V22
Davies, Roger, woodturner 115V22
Davies, Trefor Alun, obituary 484V22
Davy, see Graham, George, associates V22
Dawson, Percy, clock photographs 159, 340V22
Dawson, Percy, library of, (now AHS), listed 448V22
Decimal dial, watch 428V22
Deck Watches in the Dreadnought Period, 1897-1920, lecture by Midleton, Lord 529V22
De Charmes, brass dial, ebony bracket clock, stolen 452V22
Delmas, coup perdue mantel clock 42V22
Dennison, Aaron, and clock mass-production 71V22
Dent, V22
black marble mantel clock, stolen 178V22
No.1710 double-N balance chronometer, auction 506\textsuperscript{V22}
No.28317, pocket chronometer 365\textsuperscript{V22}
No. 32131, chronograph 104\textsuperscript{V22}
No.57297, watch 51\textsuperscript{V22}
turret clock 45\textsuperscript{V22}

Dent & Co., No.1906 regulator escapement 251, 357\textsuperscript{V22}
Derham, see Graham, George, associates\textsuperscript{V22}
Desbois, Daniel, gothic case bracket clock 340, 341\textsuperscript{V22}
Deutsches Uhrenmuseum, Furtwangen, part-catalogue 170\textsuperscript{V22}

Dial enamelling 150\textsuperscript{V22}
Dial with complex calendar indications, anonymous 310\textsuperscript{V22}

Dickens, Charles, novelist,\textsuperscript{V22}
his 'Planet Watchers', Greenwich Time Ball 436-437\textsuperscript{V22}

Dickman, Leith, circular dial, mahogany bracket clock, stolen 268\textsuperscript{V22}

le Dieu, Franciscus, marine timekeeper 487\textsuperscript{V22}
Dingwall-Beloe, 4th Lecture 23\textsuperscript{V22}
Diss, turret clock at 45\textsuperscript{V22}

Ditchley House, turret clock at 14\textsuperscript{V22}
Dittisheim, deck watch No.64987 202\textsuperscript{V22}

Dixon, see Graham, George, associates\textsuperscript{V22}

Domestic Clock Development from the Renaissance to the Mid-Seventeenth Century, lecture by Leopold, John 148\textsuperscript{V22}

Downham Market, turret clock at 44\textsuperscript{V22}

Driscoll, Clive, South Eastern Section report 532\textsuperscript{V22}

Drocourt carriage clock, No. DC 9591, stolen 82\textsuperscript{V22}

DuChesne, Pierre, long pendulum clock c. 1690 302\textsuperscript{V22}

Duerlein, Art, and McKay, Chris., Some notable Turret Clocks in England and Germany, lecture 147\textsuperscript{V22}

Duley, A. J., Southern Section report 532\textsuperscript{V22}

Dunant, William, equation spring clock at Lyme Park 40\textsuperscript{V22}

Duo in Uno balance spring 509\textsuperscript{V22}

Du Pasquier's watch (by Vulliamy) 235\textsuperscript{V22}

Dupuis, Frederik Louis, marine timepiece 494\textsuperscript{V22}

Durr, H. R., Bovet, letter 355\textsuperscript{V22}

Durweston, turret clock at 334\textsuperscript{V22}

Dutertre, Nicholas-Charles, balloon pendulum clock 381\textsuperscript{V22}

Dutch see Netherlands\textsuperscript{V22}

Dutton, turret clock 45\textsuperscript{V22}

Dutton, Matthew & Thomas, longcase clock 7\textsuperscript{V22}

Early Musical Clocks, by J. J. L. Haspels 23 - 34\textsuperscript{V22}

Earnshaw, Thomas:\textsuperscript{V22}

family and business connections 79\textsuperscript{V22}
No.783/1809 pocket chronometer, auction 508\textsuperscript{V22}
No. 1503 pocket chronometer, ex Capt. Bligh 54\textsuperscript{V22}

East, Edward, bracket clock, 3-days duration 332\textsuperscript{V22}

East, Edwardus, table clock 189\textsuperscript{V22}

Ebsworth, John, Londini, walnut marquetry longcase clock, stolen 269\textsuperscript{V22}

Edidin, Michael, More on the @ Mark (ref. Yates's Patent Union Chronometer), letter 266\textsuperscript{V22}

Edinburgh, and lantern clock making 241\textsuperscript{V22}

Edinburgh Observatory, lecture by Rule, Graham 240\textsuperscript{V22}

Edinburgh Observatory,\textsuperscript{V22}

Bryson, Robert, regulator 240\textsuperscript{V22}

Ritchie, two-faced clock 240\textsuperscript{V22}
Electric clocks and systems

- Time ball, at 240°
- Egmond aan de Hoef, turret clock at 116°
- Eichronometer, for photographic timing 428°
- Eiffel tower time signal broadcast 153°
- Edwards, Evan, American Section report 42°
- Edwards, Shoreditch, watchman’s telltale clock 151°

**Electric chronometers**

- BBC ‘Six Pips’ time signal broadcast 153°
- Campiche 128°
- Chronopher 152°
- Cloister Clock Co. see Tiffany 428°
- Eiffel Tower time signal broadcast 153°
- Gent, Royal Liver Building 153°
- Gill, Cape Observatory 121°
- Global Positioning System 153°
- Hettich 120°
- Jones, Chester, Liverpool, Glasgow 153°
- Lund, London 153°
- Meath-Bowell 402-408°
- National Magnetic Clock Co. see Tiffany 153°
- National Physical Laboratory time signal 153°
- Niagara Clock Co. see Tiffany 153°
- Portescap see Secticon 153°
- Post Office, Rugby time transmissions 153°
- Robertson, Bristol University 153°
- Secticon clock 402, 406-408°
- Shepherd 153°
- Shepherd’s Greenwich master clock 403°
- Shortt, William Hamilton, records of 211°
- Silent Electric Clock Company 129, 153°
- Synchronome 118, 153, 333°
- Synchronome sympathetic pendulum clock 428°
- Tiffany Neverwind electric torsion balance clock 425°
- Van der Planke 118°

**Electric clocks, Repairing**

- Electrical Horology Group, Twenty-five Years of the, lecture by Mitchell, Arthur 332°
- Electric Master Clocks, lecture by Miles, Bob 426°
- Electric watches 149°
- Lip, Elgin, Hamilton, Epperlein, Accutron, Ebauche 238°
- Electric Wristwatches, Early, lecture by Good, Richard, 238°
- Electronic watch, The Development of the, lecture by Sunderland, Neville 428°
- Ellictic, 149°
- equation watch 56°
- longcase c. 1770 375°
- No.1450, cylinder repeater, no dial, stolen 85°
- No.4391 repeat & alarm watch, Manly case, auction 55°
- No.8507 watch and chatelaine, auction 504°
- Ellictic (? Elliott) No.8517, blue enamel & pearl watch stolen 453°
- Ellictic, Jno., burr walnut repeater bracket clock 464°
- Ellictic, Joseph, astronomical clock 239°
- Ellictic Dynast, Watches of the, lecture by Thompson, David 36°
- Ellmers, Chris., Mr Oliver’s Spencer Street Workshop and Surviving Collections, lecture 524°
- Elton, Chris, engraver 115°
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Embriaco’s water clock, Rome</td>
<td>93</td>
</tr>
<tr>
<td>Embriaco, Giambattista, water clocks</td>
<td>139</td>
</tr>
<tr>
<td>Emery, Swiss connections of</td>
<td>394</td>
</tr>
<tr>
<td>Emery, list of his known watches</td>
<td>401</td>
</tr>
<tr>
<td>No.1230, movement of</td>
<td>399</td>
</tr>
<tr>
<td>No.1252, lever watch, auction</td>
<td>501</td>
</tr>
<tr>
<td><strong>Emery, Josiah, Watchmaker of Charing Cross, by Jonathan Betts</strong></td>
<td>394-401</td>
</tr>
<tr>
<td>Emery, Josiah; Part 2, Precision Pioneer, by Jonathan Betts</td>
<td>510-523</td>
</tr>
<tr>
<td>Enamel Watch and Clock Dials, Making, lecture by Upton, Fred</td>
<td>150, 527</td>
</tr>
<tr>
<td>Endhuizen, turret clock at</td>
<td>213</td>
</tr>
<tr>
<td><strong>Engine-Turning Lathes, Horological and Ornamental, lecture by Wood-Heath, David</strong></td>
<td>329</td>
</tr>
<tr>
<td>English Watches, Some Peculiarities of lecture by Ganczarczyk, Drjerzy</td>
<td>535</td>
</tr>
<tr>
<td>Equation clock</td>
<td>40</td>
</tr>
<tr>
<td>Dunant, William, at Lyme Park</td>
<td>277, 308, 309</td>
</tr>
<tr>
<td><strong>Escapement Faults and Refurbishing, lecture by May, Ian, Escapements, unusual</strong></td>
<td>532</td>
</tr>
<tr>
<td>Boxell's lever</td>
<td>358</td>
</tr>
<tr>
<td>chronometer, adapted for a clock</td>
<td>339</td>
</tr>
<tr>
<td>constant-force escapements</td>
<td>408</td>
</tr>
<tr>
<td>cranked lever for skeleton clock</td>
<td>547</td>
</tr>
<tr>
<td>Cummins, Charles, patent No. 1769 of 1853</td>
<td>434</td>
</tr>
<tr>
<td>Dent &amp; Co.</td>
<td>251</td>
</tr>
<tr>
<td>Emery's double crown wheel (marine timekeeper)</td>
<td>511</td>
</tr>
<tr>
<td>Emery's pivoted detent for pendulum clock</td>
<td>521</td>
</tr>
<tr>
<td>Jerome's lever</td>
<td>546</td>
</tr>
<tr>
<td>Kessels, 10-tooth 'scapewheel</td>
<td>313, 315</td>
</tr>
<tr>
<td><strong>My Own Right Time, (book by Philip Woodward)</strong></td>
<td>346</td>
</tr>
<tr>
<td>Essay Competition (Clockmakers' Company)</td>
<td>20</td>
</tr>
<tr>
<td>Esther, Morpeth, painted dial, Royal arms on trunk door, case by Carris, Hexham, longcase clock, stolen</td>
<td>269</td>
</tr>
<tr>
<td>Evans &amp; Son, Salop, brass dial, oak longcase clock, stolen</td>
<td>241</td>
</tr>
<tr>
<td><strong>Examples of Fine Clockmaking, lecture by Neilson, Brig. Meyrick,</strong></td>
<td></td>
</tr>
<tr>
<td>Exhibitions (see also Museums)</td>
<td></td>
</tr>
<tr>
<td>Painted Dials at Prescot</td>
<td>21, 329</td>
</tr>
<tr>
<td>Working Time (electric clocks) at Bury St. Edmunds</td>
<td>22</td>
</tr>
<tr>
<td>Great American Masterpieces Exhibition</td>
<td>301</td>
</tr>
<tr>
<td>Shoonhoven clockmuseum, electrical timekeeping</td>
<td>484</td>
</tr>
<tr>
<td>Falkoner, jewel cutter, see Graham, George, associates</td>
<td></td>
</tr>
<tr>
<td>Faulkner, Edward, walnut longcase clock</td>
<td>83</td>
</tr>
<tr>
<td>Fenton, James, mahogany bracket clock, stolen</td>
<td>82</td>
</tr>
<tr>
<td>Finer &amp; Nowland, Savage lever watch, stolen</td>
<td>82</td>
</tr>
<tr>
<td>Finishing and Polishing, lecture by Holt, J. R.</td>
<td>527</td>
</tr>
<tr>
<td>Finland, Clocks from, lecture by Hill, Dr A.</td>
<td>38</td>
</tr>
<tr>
<td>Fire of London, and lantern clock making</td>
<td>241</td>
</tr>
<tr>
<td>Flamennville dead-beat verge watch escapement</td>
<td>505</td>
</tr>
<tr>
<td>Flista, Giovanni, Naples, bracket clock</td>
<td>309</td>
</tr>
<tr>
<td>Flores, Joseph, A Very Important Chapter Added to the History of the Self-Winding Watch</td>
<td>214 - 229</td>
</tr>
<tr>
<td>Fonnerau, Rochelle, watch</td>
<td>52</td>
</tr>
<tr>
<td>Fontenelle, Monsr., see Graham, George, associates</td>
<td></td>
</tr>
<tr>
<td>Forde Abbey, turret clock at</td>
<td>445</td>
</tr>
<tr>
<td>Foulkes, see Graham, George, associates</td>
<td></td>
</tr>
<tr>
<td>Fraser, Anselm, Marquetry and Boule Work, lecture</td>
<td>527</td>
</tr>
<tr>
<td>French lantern clock c. 1588</td>
<td>159</td>
</tr>
</tbody>
</table>
French, London, ornate gilt carriage clock 194
Freunde Alter Uhren (in 'Horological News') 20, 116, 300, 392, 484
Fridlander, multi-dial complex watch 55
Fried, Henry, Research library 300
Frodsham
- month wall regulator No.1310 100
- No.010401 keyless fusee movement, stolen 82
- No.100 pocket chronometer, auction 54
- No.1561 quarter repeat carriage clock 184
- No.8892 desk chronometer 90
- turret clock by 334
Frodsham, Charles, French perpetual calendar clock 527
Fromanteel, A., Londini,
- ebony 3-day strike bracket clock, stolen 177
- ebony 30-hour musical bracket clock, stolen 177
Fromanteel, Johannes, c. 1665 ebony longcase 387
Foxfield, turret clock at 147
Ganczarzyk, Dr Jerzy, Some Peculiarities of English Watches, lecture 535
Garant, mantel clock, constant-torque spring 428
Gamier, Paul,
- equation month table regulator 377
- month table regulator 285
- No.2293, hour repeat carriage clock 206
Gamier, Richard, Horological News, report 392
Garon, Peter,
- wandering hour watch, arms of Wm. III 111
- tortoiseshell musical bracket clock 303
Gearless clocks 346
Gent and Co. Ltd., The Electrical Horology of lecture by Reynolds, Cohn 528
Gent electric clock, Liver Building, Liverpool 153
German Watches, Two Sixteenth-Century, lecture by Campbell, Gregor, Dareau, M., and Lowman, S. 526
Gerth, Robert, unusual watch No.1046, auction 505
Gessler, Wien, angel pendulum, portico case mantel clock, stolen 269
Gibbon, Michael, South Eastern Section reports 150, 241, 331, 427, 531
Gilchrist, Irene, Horology in the Guildhall Library, lecture 525
Gill electric clock, Cape Observatory 121
Gillett, Manchester, mahogany longcase clock 471
Gillett & Bland, turret clock 334
Gillett & Johnston, turret clock 43, 45, 334
Gittin, Bernard, Water clocks 145
Global Positioning System 153
Godier, Alan M., Turret Clock Group reports 44
Goffe, No.314 silver pocket chronometer, stolen 82
Goldsmit, Dr, see Graham, George, associates
Good, Richard,
- The Meath-Bowell Constant Force Electrically Maintained Clock 402 - 408
- Early Electric Wristwatches, lecture 238
- An Early Table Clock by Jacob the Zech, lecture 423
- Mainsprings in Horology, lecture 531
Gooderstone, turret clock at 44
Gould, Christopher, 3-train marquetry longcase clock 287
Gould, LL Cmrd. R. T., The Story of lecture by Betts, Jonathan 329, 422
Gould's Marine Chronometer: his own copy 423
- Graham, George, associates (noted in John Byrom Diary).
- Lord Baltimore; Brown; Clayton, William.
Davy; Derham; Durham; Dixon; Falkoner; Monsr. Fontenelle; Foulkes; Dr Goldsmith; Dr Hall; Hauksbee; Heathcote; Dr. Hoadley; Dr. Jurin; Lane; Lever, orrery for; Mitchell; Nesbit; Ord; Sir Hans Sloane; Thornley; Torbock; White; Wilson; Woolfaston

Graham, George, and two Manchester Men, by Edmund Davies

Graham, George, Horologist and Mechanician lecture by Dr Alan Chapman

Graham’s, Mercurial Pendulum, the Accurate Compensation of by A. D. Stewart

Graham, George, No.678 ebonised bracket clock, stolen
No.687, table clock
No.748 walnut longcase
No.4801, silver-gilt verge, stolen
silent escapement bracket clock

Grant see Bentley & Beck

Grant, No.1381, silver duplex watch, stolen
No.1836, gold duplex watch, stolen
No.3201 silver pocket chronometer, stolen

Greenwich Observatory, salaries at
Greenwich Time Ball, Charles Dickens's description
Greenwich Distributing, lecture by Ming, Ken

Gretton, Charles, marquetry on case ex Wetherfield
Grimalde & Johnson miniature bracket timepiece

Grosfinel, à Chalons, white marble & ormolu mantel clock, stolen

Gruber, Hans, 16th C., chaise watch
Gudin, Paris, ormolu case mantel clock, stolen
Guildhall Library, Horology in the, lecture by Gilchrist, Irene
Guinard, E., Tourbillon pocket chronometer

Hack watches (a lower standard of deck watch)
Hackamack, Paul, Catton, Robson and McCabe (letter)
Hadley, Brian, Horological Photography, lecture

the Hague, turret clock at

Hall, Dr, see Graham, George, associates

Halstead, Robert, month, seaweed marquetry longcase clock, stolen
Hamley, bracket clock, stolen
Hammond, J. C., mahogany longcase, stolen
Hand Piercing, lecture by Miles, T.
Hannah, Jim, Northern Section, reports
Hardie, James, Clock Case Restoration, lecture
Harrison, John: new light on his meeting with Graham
Harrison's Life, One Aspect of from a New Perspective, lecture by King, Andrew

Harwood, John, automatic winder patent, 1924
Haspels, J. J. L., Early Musical Clocks
Heathcote, see Graham, George, associates
Helps, Christopher, Rolling ball clock
Helsinki Clock Museum
Henkels, Hans, Dutch musical automata bracket clock
Henry, London, clock-barometer
Hermitage Museum, The, lecture by Arnfield, Jim
Heron, William, Newtownards, No.75, brass dial, mahogany longcase clock, stolen
Hettford, Marquesses of, collections
Hettich electric clock
Hewitt & Son, No.2554 chronometer with Hartnup's balance, auction 103, 506
Higgs, Robert and Peter, ormolu-mounted table clock 92
Hilderson, John, Dutch striking bracket clock, stolen 85
Hill, Dr A., *Clocks from Finland*, lecture 38
Hindley

*Optional Extras*, by J. R. Melvin (notes on a Hindley spring clock) 344

*TWO HENRY HINDEYS IN GREATER MANCHESTER* by Edmund Davies 166 - 168

Hindley, H., York, brass dial, ebonised bracket clock, stolen 268

Hipkin, Alan, Midlands Section report 329

Hoadly, Dr, orrery etc., see Graham, George, associates

Hofland, Carel, Dutch Section report 41

Hoke, Donald R., *Horology, Technology and Ingenious Yankees*, reviewed 68 - 73

Holt, J. R., Finishing and Polishing, lecture 527

Hoogendyke, Steven, founder, Batavian Society for Experimental Philosophy 488

*Hope-Jones, Frank, and George Bennett Bowell: A study of the period 1895 - 1905* by J. S. Cowsill 118 - 129

HORA (*Italian Antiquarian Horological Association*) 393

Hornby, Richard, No.956, 8-day, mahogany chronometer, stolen 452

Horne & Prigg mainspring in Emery No.615 timekeeper 511

Horological apprenticeship, lecture on 427

Horological archival research, lecture on 530

Horological Bibliography ('List of Lists') 130-135

horological books, meeting on 535

*Horological Books*, lecture by Smallman, Michael 535

Horological illustrations

Punch cartoon, 1848 247

Paton's plates, 247

Les Paton 158, 250(357), 339, 434, 546

Horological tools, meeting on 427

Horological Tools, lecture by McKay, Chris 427

Horology, Technology and Ingenious Yankees by Donald R. Hoke, essay review by Alun C. Davies 68 - 73

*Horology Under the Hammer*, by Paul Tuck:

Watches at Auction 1993-94 50 - 57

Clocks at Auction 1994-95 302 - 311

Watches at Auction, Part 1 501-509

Horsey, James, No.239, musical, walnut longcase clock, stolen 359

*Hourglasses on some English and Scottish Tombstone* by David Boullin & Anne Nairne-Clark 252 - 253

*Hourglasses and Trade Symbols on Scottish Tombstones*, by John Howat and Trudie Roberts 544-545

Hourglass

and St Jerome 252

in Durer's engravings 252

Valetta Cathedral 252

Howard, Edward, master impulse clock and system 43

Howat, John M., & Roberts, Trudie E., *The Hourglass and Trade Symbols on Scottish Tombstones* 544 - 545

Howell, James & Co., grande sonnerie, calendar, alarm, stolen 359

Howells, William, Mudge's escapement maker 505

Howells, William, No.50 verge watch, auction 505

Huaud & van Coelen, crucifix watch c. 1675 195

Hucker, Ernest see book by Moore, James

Hudson, Felix

Felix Hudson Memorial Lectures inaugurated 37

Notes on Working Conditions in the Horological Trade, presented by Dr Michael Dareau 37

Hughes, Peter, *French Eighteenth Century Clocks and Barometers in the Wallace Collection*, book
Hughes, Robert, and watchmaking in Wales 58
Hughes, William, and Earnshaw 79
Hunkin, Tim, water clock 145
Hurst, M. London meeting report 326
Husband, longcase clock in the Hermitage Museum 328
Hutchinson, Beresford, Alarm Clocks and Interval Timers, lecture 151
Huygens, Christian, The Longitude Work of lecture by Leopold, John 36
Incense clocks, book on 170
Ingold, Pierre-Frederic, and clock mass-production 71
Irvine, Philip, Some Turret Clock Restorations, lecture 429
Italian Horological Association (HORA) 393
Jackson, W. H. & S., twin-fusee carriage clock, stolen 452
Jacob the Zech, An Early Table Clock made by, lecture by Good, Richard 423
Jacques, Chas., satinwood longcase 472
Jamison, George, Chronometer maker, Portsmouth 331
Japanese Lantern Clock, The Restoration of a, lecture by Matthews, Ron, 331
Japy Frères unfinished movements, Edinburgh Museum ex Great Exhibition 1851 422
Japy Frères, the Role of in Early Mass-Production, lecture by Simpson, Dr Allen 422
Jex, Johnson, watch maker and engineer 44
Jones electric clock 153
Jones, Graham, A Look at the Turret Clocks of Europe, lecture 535
Jones, Henry, quarter repeat & alarm bracket clock 5
Jones, Martyn, Underpainted Horn?, letter 356
Jones, Thos., walnut marquetry longcase clock, stolen 269
Joyne, John, Secret Agent (and watchmaker?), by Ivan Slee 254-255
Jurin, Dr, see Graham, George, associates
Karrusel watches, naval, and Douglas modification 530
Kelly, Richard, brass dial longcase clock, stolen 269
Kendall, Larcum, watch bought by B. L. Vulliamy 236
Kershaw, Geo., brass dial, mahogany bracket clock, stolen 268
Kessels Sidereal Clock, The, by Christopher Wood 312-319
King, Andrew, One Aspect of John Harrison's Life from a New Perspective, lecture 326
King's Lynn, turret clock at 44
Kirkpatrick, Ron, A Knibb Conundrum 438-439
Knebel, Friedrich, Dutch chronometer maker 498
Knibb, night bracket clocks 332
Knibb, Johannes, marquetry longcase 467
Knibb, John, 6 bells repeat, ebony bracket clock, stolen 452
Knibb, John, Oxon, brass dial, ¼ second pendulum, walnut longcase clock, stolen 453
Knibb, Joseph, his worn wheel-cutting engine, problems from 438
Knibb, a Conundrum, by Ron Kirkpatrick 438-439
Knibb, Joseph, Londini, ebonised bracket clock, stolen 177
Kochmann, Karl, Clock and Watch Trademark Index : European Origins, book 259
Konni family of clockmakers, Finland 38

<table>
<thead>
<tr>
<th>Name</th>
<th>Location/Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hughes, Robert</td>
<td>Watchmaking in Wales</td>
<td>58</td>
</tr>
<tr>
<td>Hughes, William</td>
<td>with Earnshaw</td>
<td>79</td>
</tr>
<tr>
<td>Hunkin, Tim</td>
<td>Water clock</td>
<td>145</td>
</tr>
<tr>
<td>Hurst, M.</td>
<td>London meeting report</td>
<td>326</td>
</tr>
<tr>
<td>Husband</td>
<td>Longcase clock in the Hermitage Museum</td>
<td>328</td>
</tr>
<tr>
<td>Hutchinson</td>
<td>Alarms and Interval Timers</td>
<td>151</td>
</tr>
<tr>
<td>Huygens</td>
<td>Longitude Work of lecture by Leopold, John</td>
<td>36</td>
</tr>
<tr>
<td>Incense clocks</td>
<td>Book</td>
<td>170</td>
</tr>
<tr>
<td>Ingold, Pierre-Frederic</td>
<td>Clock mass-production</td>
<td>71</td>
</tr>
<tr>
<td>Irvine, Philip</td>
<td>Some Turret Clock Restorations</td>
<td>429</td>
</tr>
<tr>
<td>Italian Horological Association</td>
<td>(HORA)</td>
<td>393</td>
</tr>
<tr>
<td>Jackson, W. H. &amp; S.</td>
<td>Twin-fusee carriage clock, stolen</td>
<td>452</td>
</tr>
<tr>
<td>Jacob the Zech</td>
<td>An Early Table Clock made by, lecture by Good, Richard</td>
<td>423</td>
</tr>
<tr>
<td>Jacques, Chas.</td>
<td>Satinwood longcase</td>
<td>472</td>
</tr>
<tr>
<td>Jamison, George</td>
<td>Chronometer maker, Portsmouth</td>
<td>331</td>
</tr>
<tr>
<td>Japanese Lantern</td>
<td>Clock, The Restoration of a, lecture by Matthews, Ron</td>
<td>331</td>
</tr>
<tr>
<td>Japy Frères</td>
<td>Unfinished movements, Edinburgh Museum ex Great Exhibition 1851</td>
<td>422</td>
</tr>
<tr>
<td>Japy Frères, the</td>
<td>Role of in Early Mass-Production, lecture by Simpson, Dr Allen</td>
<td>422</td>
</tr>
<tr>
<td>Jex, Johnson</td>
<td>Watch maker and engineer</td>
<td>44</td>
</tr>
<tr>
<td>Jones</td>
<td>Electric clock</td>
<td>153</td>
</tr>
<tr>
<td>Jones, Graham</td>
<td>A Look at the Turret Clocks of Europe, lecture</td>
<td>535</td>
</tr>
<tr>
<td>Jones, Henry</td>
<td>Quarter repeat &amp; alarm bracket clock</td>
<td>5</td>
</tr>
<tr>
<td>Jones, Martyn</td>
<td>Underpainted Horn?, letter</td>
<td>356</td>
</tr>
<tr>
<td>Jones, Thos.</td>
<td>Walnut marquetry longcase clock, stolen</td>
<td>269</td>
</tr>
<tr>
<td>Joyne, John</td>
<td>Secret Agent (and watchmaker?), by Ivan Slee</td>
<td>254</td>
</tr>
<tr>
<td>Jurin, Dr</td>
<td>See Graham, George, associates</td>
<td></td>
</tr>
<tr>
<td>Karrusel watches</td>
<td>Naval, and Douglas modification</td>
<td>530</td>
</tr>
<tr>
<td>Kelly, Richard</td>
<td>Brass dial longcase clock, stolen</td>
<td>269</td>
</tr>
<tr>
<td>Kendall, Larcum</td>
<td>Watch bought by B. L. Vulliamy</td>
<td>236</td>
</tr>
<tr>
<td>Kershaw, Geo.</td>
<td>Brass dial, mahogany bracket clock, stolen</td>
<td>268</td>
</tr>
<tr>
<td>Kessels Sidereal</td>
<td>Clock, The, by Christopher Wood</td>
<td>312</td>
</tr>
<tr>
<td>King, Andrew</td>
<td>One Aspect of John Harrison's Life from a New Perspective, lecture</td>
<td>326</td>
</tr>
<tr>
<td>King's Lynn</td>
<td>Turret clock</td>
<td>44</td>
</tr>
<tr>
<td>Kirkpatrick, Ron</td>
<td>A Knibb Conundrum</td>
<td>438</td>
</tr>
<tr>
<td>Knebel, Friedrich</td>
<td>Dutch chronometer maker</td>
<td>498</td>
</tr>
<tr>
<td>Knibb, night bracket</td>
<td>Clocks</td>
<td>332</td>
</tr>
<tr>
<td>Knibb, Johannes</td>
<td>Marquetry longcase</td>
<td>467</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>6 bells repeat, ebony bracket clock, stolen</td>
<td>452</td>
</tr>
<tr>
<td>Knibb, John, Oxon</td>
<td>Brass dial, ¼ second pendulum, Walnut longcase clock, stolen</td>
<td>453</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>His worn wheel-cutting engine, problems from</td>
<td>438</td>
</tr>
<tr>
<td>Knibb, a Conundrum</td>
<td>By Ron Kirkpatrick</td>
<td>438</td>
</tr>
<tr>
<td>Knibb, Joseph, Londi</td>
<td>Ebonised bracket clock, stolen</td>
<td>177</td>
</tr>
<tr>
<td></td>
<td>Walnut longcase clock</td>
<td>101</td>
</tr>
<tr>
<td></td>
<td>Walnut quarter</td>
<td>210</td>
</tr>
<tr>
<td>Knight, H.</td>
<td>Stone, painted dial longcase</td>
<td>324</td>
</tr>
<tr>
<td>Knight, J. R.</td>
<td>South Eastern Section reports</td>
<td>330</td>
</tr>
<tr>
<td></td>
<td></td>
<td>531</td>
</tr>
<tr>
<td>Kochmann, Karl</td>
<td>Clock and Watch Trademark Index : European Origins, book</td>
<td>259</td>
</tr>
<tr>
<td>Konni family of</td>
<td>Clockmakers, Finland</td>
<td>38</td>
</tr>
</tbody>
</table>
Krille, Altona, travelling chronometer, No.1322 202
Kroese, J. P., Amsterdam, brass dial, Dutch striking, ebonised bracket clock, stolen 554
Kuhn, A. H., water clock 144
Kunstgewerbe Museum, Budapest 300
Lancashire Watch Company trading difficulties 64
Lancaster County, Pennsylvania, horology in 445
Lane, see Graham, George, associates
Lange, & Sohne jump-seconds watch, auction 506
Langmaid, Norman, Early British Clocks, lecture 43
Lantern clock making at
Bristol 241
Edinburgh 241
York 241
Lantern Clocks, English, lecture by White, Sir George 240
Lantern clocks
anon, French, c.1588 159
Cloud, Ralph, Beaminster, stolen 359
Shaw, John 43
Lugg, Jasper, c. 1685 306
Lathes, Horological and Ornamental Engine turning lecture by David Wood-Heath 329
Le Count, Daniel, longcase clock 39
Lecture by
Arnfield, Jim
Automatic Winding Work in Watches 38
Repeating Watchwork: a Demonstration via CCTV 149
The Hermitage Museum 328
Bartels, Tom, The Drexel Astronomical Clock by David Rittenhouse: an American Masterpiece 239
Bateman, Douglas Precision Timekeeping and the NAWCC Seminar, Cleveland, Ohio, 1992 147
Bennett, Alan, Important Electric Watches by Smiths of Cheltenham, 1959-1970 44
Betts, Jonathan, The Clocks of the National Trust and their Conservation 40
The Story of Lt Cmndr R. T Gould 329, 422
Bird, Clifford,’Norfolk and Norwich Clockmakers: How the Book came About 530
Campbell, Gregor, Mainsprings, Fusees and Stopwork 37
Lubrication 327
Campbell, Gregor, Dareau, M., and Lowman, S., Two Sixteenth-Century German Watches 526
Chatham, Peter & Margaret, Clocks in Vienna 330
Chapman, Dr Alan George Graham, Horologist and Mechanician 35, 39
Craddock, Paul, Clocks in the Royal Collections 149
Daniel, Christopher, An Introduction to Sundials 330
Dareau, Michael, Working Conditions in the Horological Trade, as recorded by Felix Hudson 37
Dareau, Michael, Campbell, G., and Lowman, S., Two Sixteenth-Century German Watches 526
Duerlein, Art, and McKay, Chris., Some notable Turret Clocks in England and Germany 147
Ellmers, Chris., Mr Oliver’s Spencer Street Workshop and Surviving Collections 524
Fraser, Anselm, Marquetry and Boulle Work 527
Ganczarczyk, Dr Jerzy, Some Peculiarities of English Watches 535
Gilchrist, Irene, Horology in the Guildhall Library 525
Good, Richard, Early Electric Wristwatches 238
An Early Table Clock made by Jacob the Zech 423
Mainsprings in Horology 531V22
Hadley, Brian, Horological Photography 424V22
Hardie, James, Clock Case Restoration 424V22
Hill, Dr A., Clocks from Finland 38V22
Holt, J. R., Finishing and Polishing 527V22
Hutchinson, Beresford, Alarm Clocks and Interval Timers 151V22
Irvine, Philip, Some Turret Clock Restorations 429V22
Jones, Graham, A Look at the Turret Clocks of Europe 535V22
King, Andrew, One Aspect of John Harrison's Life from a New Perspective 326V22
Langmaid, Norman, Early British Clocks 431V22
Leopold, John V22

Domestic Clock Development from the Renaissance to the Mid-Seventeenth Century

The Longitude Work of Christian Huygens 36V22
Lowman, Simon, Mainspring and Fusee Repairs 37V22
Lowman, Simon, Campbell, G., and Dareau, M., Two Sixteenth-Century German Watches 526V22
Maltin Michael, The Salisbury Clock Controversy 534V22
Martin, John, Precision Pendulum Clocks 532V22
Matthews, Ron, The Restoration of a Japanese Lantern Clock 331V22
May, Ian, V22
Clock Repairing Techniques 241V22
Escapement Faults and Refurbishing 532V22
McKay, Chris., Curiosities of Turret Clocks 241V22
English Turret Clocks 532V22
Horological Picture Postcards 151V22
Horological Tools 427V22
McKay, Chris., and Duerlein, Art, Some notable Turret Clocks in England and Germany 147V22
McKenzie, John, A Short History of Thomas Mercer Chronometers 533V22
Midleton, Lord, Deck Watches in the Dreadnought Period, 1897-1920 529V22
Miles, Bob, Master Clocks 426V22
Miles, T., Hand Piercing 148V22
Ming, Ken, Distributing Greenwich Time 153V22
Mitchell, Arthur, Twenty-five Years of the Electrical Horology Group 332V22
Neale, Jim, The Remarkable Windmills Family 152V22
Neilson, Brig. Meyrick, Examples of Fine Clockmaking 241V22
Ord-Hume, Arthur W. J. G., Musical Clocks 239V22
Penney, David, Thomas Mudge and the Longitude Prize: a Reason to Excel 150V22
Plaister, John, Turret Clocks 427V22
Ponsford, Clive, The Nonsuch Palace Clock 534V22
Reingold, Jack, Skeleton Clocks 535V22
Reynolds, Cohn, The Electrical Horology of Gent and Co. Ltd 528V22
Roberts, Ken, The Eli Terry Connections, Clockmaker of Wooden Wheeled Movements 424V22
Robinette, John, The Astronomical Observatories of Jai Singh 326V22
Robinson, Tom, The Development of Bracket Clocks 332V22
Rose, Ron, A Complicated Clock 529V22
Routley, Cyril, Sundials 39V22
Rule, Graham, Edinburgh Observatory 240V22
Simpson, Dr Allen, The Role of Japy Frères in Early Mass-Production 422V22
Smallman, Michael, Horological Books 535V22
Still, Roger, Thoughts on Restoration 150V22
Sunderland, Neville, The Development of the Electronic Watch 428V22
Taylor, J., Unusual American Clocks 240V22
Taylor, Terry, The Apprentice 427V22
Thompson, David, Watches of the Ellicott Dynasty 36 V22
Thorpe, Brian, Clockmakers in Eighteenth-Century Portsmouth 331 V22
Torry, P., the Tiffany ‘Neverwind’ Torsion Clock 425 V22
Upton, Fred, Making Enamel Watch and Clock Dials 150, 527 V22
Wadsworth, Francis, AHS Technical Enquiries 36 V22
Webb, Ray, Repairing Electric Clocks 536 V22
White, Sir George, English Lantern Clocks 240 V22
The Clockmakers’ Company and its Collection 326 V22
Wood-Heath, David, Horological and Ornamental Engine-Turning Lathes 329 V22
Zygowski, Edmund, Traditional Clockmaking 43 V22

Le Dieu, Franciscus, marine timekeeper 487 V22
Leopold, John H., retirement from British Museum 20 V22

Domestic Clock Development from the Renaissance to the Mid-Seventeenth Century, lecture 148 V22
The Longitude work of Christian Huygens, lecture 36 V22
The Third Seafaring Nation: The Introduction of Marine Chronometer in the Netherlands 486–500 V22

Horological News, report 484 V22

Lepine V22
equation and perpetual calendar clock 149 V22
month table regulator 9 V22
LeRoy, V22
equation regulator, month duration, 373 V22
One-wheel clock 346 V22
petite sonnerie carriage clock 304 V22
Le Roy, Julian, verge watch movement, stolen 82 V22
Le Roy & Fils, V22
mantel clock, barometer & calendar dials, black marble case, stolen 360 V22
mantel clock, porcelain & ormolu lyre case, stolen 269 V22
mantel clock, with hours shown on sphere, ormolu & white marble, stolen 360 V22
Leroy & Son, perpetual calendar & barometer, watch 52 V22

Letters, and Research Requests (rr), V22
Bacon, D. H., Coventry Watch Movement Manufacturing Company 353 V22
Bateman, Douglas, Water-Driven Clocks 267 V22
Bendall, Simon, Barwise (military connections of) 175 V22
Betts, Jonathan, Thomas Earnshaw 79 V22
Bolton, John, John Crawford (rr) 357 V22
Bovet, Bovet Fleurier S. A. (rr) 267 V22
Boxel4 T, (rr), Martyn Jones 358 V22
Catton, Richard, J. W. Busch (rr) 175 V22
Dickens’ Watch, P. M. Shufflebotham (rr) 357 V22
Durr, H. R., Bovet 355 V22
Eddidin, Michael, More on the @ Mark (ref. Yates’ Patent Union Chronometer) 266 V22
Hackamack, Paul, Catton, Rohson and McCabe 266 V22
Jones, Martyn, Underpainted Horn? 356 V22
Mainwaring, Peter Ashwood (rr) 451 V22
Matthews, John, McCabe (numbering system) 451 V22
Munster, Hartwig, E. J. Tyler (rr) 213 V22
Neale, J. A., Did the Military Favour Barwise? 356 V22
Nicholls, A. J., A Foot on the Ladder 355 V22
Paton, Leslie, Paton’s Plate 357 V22
Penney, David, Patent Union Chronometers 264 V22
Anti-Overbanking Device (Guye patent) 450
Piggott, R. K., Nomenclature 80
Pingo, John, Christopher Eimer (rr) 451
Risbridger, Deryk Roberts (rr) 451
Routley, C. W., Horloge (origin of the word) plus comments by Francis Maddison 79
Spanier, H. Peter, Catton, Moore and McCabe 355
Time Recorders, Bernard Pollack (rr) 175
Tuck, Paul, Military Barwise? 265
Unusual Lever (rr) see letter ref. Boxell 243
Wood-framed turret clock, Michael Applebee (rr) 243
Lever, Mr, orrery for, see Graham, George, associates
Linstead-Smith, Peter, Southern Section report 532
Litherland & Davies, no.1150, 2-day, mahogany chronometer, stolen 359
Litherland, Davies & Co., skeleton clock 3
Loat, Henry, painted dial longcase 323
Loddon, turret clocks at 45
von Loehr's automatic winder patent 38
Long Stratton, turret clock at 45
Longcase Painted Dials, book by M. F. Tennant, reviewed 348
Longcase clocks
Bramley, Jn., painted dial and movement, stolen 178
Cattell, William, walnut marquetry, stolen 82
Coster, Robert, Newbury, oak, square dial, stolen 178
DuChesne, Pierre, long pendulum, C. 1690 302
Dutton, Matthew & Thomas, 7
Ebsworth, Londini, walnut marquetry, stolen 268
Ellicott, c. 1770 375
Esther, Morpeth, case with royal Arms on door, signed inside Cans, Hexham, stolen 269
Evans, Salop, swan neck, brass dial, stolen 269
Faulkner, Edward, walnut case 83
Fromanteel, Johannes, c. 1665 ebony 387
Gillett, Manchester, mahogany 471
Gould, Christopher, 3-train marquetry 287
Graham, No.748 walnut longcase 474
Gretton, Charles, marquetry, ex Wetherfield 560
Halstead, Robert, month, seaweed marquetry, stolen 178
Hammond, J. C., mahogany, painted dial, stolen 82
Heron, Newtownards, No.75, brass dial, stolen 269
Horseman, James, No.239, musical, walnut, stolen 359
Husband, London, in the Hermitage Museum 328
Jacques, Chas., satinwood longcase 472
Jones, Thos, walnut marquetry, stolen 269
Kelly, Richard, brass dial & movement, stolen 269
Knibb, Johannes, marquetry 467
Knibb, John, Oxon, brass dial, ¼ second pendulum, walnut, stolen 453
Knibb, Joseph, walnut case 101
Knight, H., Stone, painted dial 324
Le Count, Daniel, on case clock 39
Loat, Henry, painted dial 323
Markwick, London 14
Mawkes, T., Derby, painted dial 323
Moore, George, thirty-hour, stolen 82
Muddle, E. D., Chatham, brass dial, stolen 82
Mudge & Dutton, mahogany longcase 465
Nichol, W. J. C., painted dial, mahogany, stolen 359
Owen, Watkin, Llanrwst, painted dial 321
<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poulton, William &amp; Son</td>
<td>Month timepiece</td>
<td>310^V22</td>
</tr>
<tr>
<td>Robin, a' Paris</td>
<td>month going</td>
<td>8^V22</td>
</tr>
<tr>
<td>Robin, Fabian, London</td>
<td>month going</td>
<td>13^V22</td>
</tr>
<tr>
<td>Simpson, John, Wigton</td>
<td>painted dial, mahogany, stolen</td>
<td>554^V22</td>
</tr>
<tr>
<td>Smith, Abraham &amp; Co.</td>
<td>painted dial</td>
<td>322^V22</td>
</tr>
<tr>
<td>Stream, Alastair, Belfast</td>
<td>brass dial, walnut, stolen</td>
<td>359^V22</td>
</tr>
<tr>
<td>Tibbott, Newtown</td>
<td>two thirty-hour clocks, stolen</td>
<td>82^V22</td>
</tr>
<tr>
<td>Tooleman, Carnarvon</td>
<td>painted dial</td>
<td>322^V22</td>
</tr>
<tr>
<td>Towne, Jonathan</td>
<td>brass dial &amp; movement, stolen</td>
<td>269^V22</td>
</tr>
<tr>
<td>Verow, John, Hinkley</td>
<td>painted dial</td>
<td>324^V22</td>
</tr>
<tr>
<td>Vulliamy, Benjamin</td>
<td>No.347</td>
<td>283^V22</td>
</tr>
<tr>
<td>Wakefield, Gateshead</td>
<td>walnut, painted dial, stolen</td>
<td>178^V22</td>
</tr>
<tr>
<td>Webster, Robert, Salop</td>
<td>painted dial</td>
<td>322^V22</td>
</tr>
<tr>
<td>Whiston, G., Stafford</td>
<td>oak, painted dial, stolen</td>
<td>178^V22</td>
</tr>
<tr>
<td>White, Thomas, Wetherby</td>
<td>oak, painted dial, stolen</td>
<td>178^V22</td>
</tr>
<tr>
<td>Wooley, Tenterdon</td>
<td>painted dial</td>
<td>320^V22</td>
</tr>
<tr>
<td>Wright, Edmund</td>
<td>No.100 walnut marquetry, stolen</td>
<td>269^V22</td>
</tr>
<tr>
<td>Longitude, book on</td>
<td></td>
<td>74^V22</td>
</tr>
<tr>
<td>Low, Thomas, Dundee</td>
<td>unusual timer clock</td>
<td>542-543^V22</td>
</tr>
<tr>
<td>Lowman, Simon,</td>
<td></td>
<td>37^V22</td>
</tr>
<tr>
<td>McCabe, James,</td>
<td></td>
<td>266, 355^V22</td>
</tr>
<tr>
<td>MacDowell, C., Patent</td>
<td>No.169, month going skeleton clock, stolen</td>
<td>453^V22</td>
</tr>
</tbody>
</table>

**Mainspring and Fusee Repairs, lecture**

- Lubrication, Friction and Wear, lecture by Campbell, Gregor.  327^V22
- Ludham, turret clock at 45^V22
- Lugg, Jasper, Lantern clock c. 1685 306^V22
- Lund electric clock 153^V22
- Luther, Martin, and ornamental turning 329^V22
- Lydlynch, turret clock at 334^V22
- Lynton Dials Co., vitreous enamellers 150, 527^V22
- Lynton Cheney, turret clock at 334^V22
- Mainspring and Fusee Repairs, lecture 37^V22

**Mainsprings in Horology, lecture by Good, Richard**

- Mainsprings, Fusees and Stopwork, lecture by Campbell, Gregor 37^V22
- Mainspring and Fusee Repairs, lecture by Lowman, Simon 37^V22
- Mainwaring, Peter Ashwood research request 451^V22
- Maltin, Michael, The Salisbury Clock Controversy, lecture 534^V22
- Manchester, turret clock at 167,168^V22

**Mantel Clocks,**

- Brocot, No.305, coromandel, four-glass, stolen 178^V22
- Carlthian, bronze & ormulu elephant case, stolen 83^V22
- Causard du Roi, white marble & ormulu lyre case, stolen 554^V22
- Delmas, coup perdue 42^V22
- Dent, black marble, stolen 178^V22

**English Turret Clocks, lecture**

- Curiosities of Turret Clocks, lecture 241^V22
- English Turret Clocks, lecture 532^V22
- Horological Picture Postcards, lecture 151^V22
- Horological Tools, lecture 427^V22
- Turret Clock Group report 153^V22

**Horological Tools, lecture by Campbell, Gregor**

- Curiosities of Turret Clocks, lecture 241^V22
- English Turret Clocks, lecture 532^V22
- Horological Picture Postcards, lecture 151^V22
- Horological Tools, lecture 427^V22
- Turret Clock Group report 153^V22

**Turret Clock Group report**

- McKenzie, John, A Short History of Thomas Mercer Chronometers, lecture 533^V22
- Magellan, Jean Hyacinthe de 512^V22
- Mainsprings and Fusees, lecture by Good, Richard 531^V22
- Mainsprings, Fusees and Stopwork, lecture by Campbell, Gregor 37^V22
- Mainspring and Fusee Repairs, lecture by Lowman, Simon 37^V22
- Mainwaring, Peter Ashwood research request 451^V22
- Maltin, Michael, The Salisbury Clock Controversy, lecture 534^V22
- Manchester, turret clock at 167,168^V22
- Mantel Clocks 322^V22
- Brocot, No.305, coromandel, four-glass, stolen 178^V22
- Carlthian, bronze & ormulu elephant case, stolen 83^V22
- Causard du Roi, white marble & ormulu lyre case, stolen 554^V22
- Delmas, coup perdue 42^V22
- Dent, black marble, stolen 178^V22
Dutertre, Nicholas-Charles, balloon pendulum 381
Garant, constant-torque spring 428
Gessler, Wien, portico & angel case, stolen 269
Grofinel, a Chalons, white marble & ormolu, stolen 554
Gudin, No.1068, ormolu, white dial, stolen 178
Le Roy & Fils, china & ormolu lyre case, stolen 269
Le Roy & Fils, hours shown on sphere, ormolu & white marble, stolen 360
Marc, Henri, gilt brass, white enamel dial, stolen 82
Marceaux, porcelain case, stolen 82
Mudge's 'Polwarth' clock 185, 213
Reims Cathedral Clock, stolen 178
Stollewerke, Paris, musical, ormolu, stolen 453
Vulliamy, No.876
Weeks, satinwood balloon case, stolen 82
Marc, Henri, mantel clock, case with smuggling scene, stolen 82
Marceaux, Paris, mantel clock, rectangular porcelain case, stolen 82
Marchant, gold clockwatch, stolen 82
Margetts No. 204, 8-day pocket chronometer, auction 502
Margolis collection, auction of chronometers from 506
Marine Chronometers see chronometers
Maritime Museum, USA see chronometers
Markham, Markwick, musical Turkish dial bracket clock, stolen 177
Markwick, Jacobus, watch, Barrow regulator, auction 502
Markwick, London, longcase 14
Marquetry and Boule Work, lecture by Fraser, Anselm 527
Marsh, Edwin A., screwcutting machine 73
Marsh, Humphrey, 30-hour to 8-day conversion 248
Martin, John, Precision Pendulum Clocks, lecture 532
Martinot, clockwatch, auction 54
Martinot, Balthazar, pendule religieuse 95, 463
Massey, type 3 escapement watch 426
Massy, the Hague, marine timekeeper proposals 486
Master Clocks, lecture by Miles, Bob 426
Matthews, John, McCabe (numbering system), letter 451
Matthews, Ron, The Restoration of a Japanese Lantern Clock, lecture 331
Maudslay, So n, & Field, engineers 436
Mawkes, T., Derby, painted dial longcase 323
May, Ian
Clock Repairing Techniques, lecture 241
Escapement Faults and Refurbishing, lecture 532
May, L. J., East Anglian Section report 427
Meath, Earl of, water clock 14
Meadow, Constant-Force Electrically Maintained Clock, The, by Richard Good 402-408
Mechanical music, meeting on 425
Melvin, J. R., Optional Extras (in a clock by Hindley) 344 - 345
Mercer Chronometers, A Short History of lecture by McKenzie, John 533
Mercer, Thomas, Chronometer escapement 158
Mercy compensated pendulums, calculations for 416-421
Merlin, John Joseph, regulator, tapered satinwood case, temperature indication in pendulum bob 460
Microcosm, The Meandering by John R. Millburn 160 - 161
Midleton, Lord, Deck Watches in the Dreadnought Period, 1897-1920, lecture 529
Miles, Bob, Master Clocks, lecture 426
Miles, T., Hand Piercing, lecture 148
Millburn, John R., The Meandering Microcosm 160 - 161
Mills, Allan A., Water-Driven Clocks 136 - 145
Milton Abbas, turret clocks at
Ming, Ken, *Distributing Greenwich Time*, lecture
Mitchell, see Graham, George, associates
Mitchell, Arthur,
awarded honorary AHS membership
Electrical Horology Group reports
Horological News, report
retirement as Electrical Group Secretary
*Twenty-five Years of the Electrical Horology Group*, lecture
Monkhouse, John, fruitwood bracket clock, stolen
Moore, George, 30-hour longcase clock, stolen
Moore, Ipswich, brass dial, mahogany bracket clock, stolen
Moore, London, turret clock by
Moore, James, Rice, R., and Hucker, E., *Bibilie and the Chew Valley Clockmakers*, book
Moore, John, & Sons, movements for James McCabe
Motel, à Paris, astronomical skeleton clock
Motel, Henri,
and Longitude
No.41, marine chronometer, auction
No.82, marine chronometer
No.119, marine chronometer
No.169, chronometer
skeleton clock (ex Berthoud)
Mouline, watch escapement models
Moxon, Congreve clock
Muddle, E. D., longcase movement, stolen
Mudge, Thomas, and the Longitude Prize: a Reason to Excel, lecture by Penney, David
Mudge & Dutton, mahogany longcase
Mühe, Professor, Furtwangen Museum
Mühe, Richard, and Kahlert, Helmut, Sonderdruck Bildteilaus Geschichte der Uhr, book
Mulder, Hero, obituary
Munster, Hartwig, E. J. Tyler research request
Murray, Charles, Canadian Section reports
Museums
*Barometer World*, Oakhampton, Devon
Budapest, Kunstgewerbe Museum
Cuckoo Clock Museum, Tabley, Cheshire
Dorset Clocks and Cider Museum, Owermoigne
Fried, Henry, Research library
Greenwich, the Old Royal Observatory
Helsinki Clock Museum
The Hermitage Museum, lecture by J. Arnfield
Liverpool Museum
Mariner’s Museum (Chamberlain, Paul, chronometers)
Museums in Holland, Germany, Hungary
New Zealand, Clapham’s Museum
Prescot Museum
Schwenningen, new Museum at
Shoonhoven clockmuseum
Vallée de Joux, Espace Horloger de la, opened
Washington, US Naval Observatory
Musical clocks, glass bells used in mechanisms musical compositions for

N
Nairne-Clark, Anne & Boullin, David, Hourglasses on some English and Scottish Tombstones 252 - 253
Nardin, deck watch No.19763 202
National Magnetic Clock Co. see Tiffany
National Physical Lab oratory time signal 153
National Trust, The clocks of the, and their Conservation, lecture by Betts, Jonathan 40
Neale, Jim A., Did the Military Favour Barwise?; letter London meeting reports 36, 147, 239, 422, 525
The Remarkable Windmills Family, lecture 152
Needham, Joseph, obituary 116
Neilson, Brig. Meyrick, lecture on English Clocks 241
Nesbit, see Graham, George, associates
Netherlands, the Introduction of the Marine Chronometer in, by J. H. Leopold 486 - 500
Netherlands Turret Clock Foundation (reports in 'Horological News') 20, 116, 213, 393
New Buckenham, turret clock at 45
Newton, London, Walnut bracket clock 97
Niagara Clock Co. see Tiffany
Nichol, W. J. C., painted dial, mahogany longcase clock, stolen
Nicholls, A. J., A Foot on the Ladder, letter
Nomenclature, of horological features
Nonsuch Palace Clock The lecture by Ponsford, Clive
Noor, Francis, watch (Gersholm Parkington Collection) 528
Nordon, Marcel, Histoire de l'hydraulique, book
'Norfolk and Norwich Clockmakers': How the Book came About, lecture by Bird, Clifford
Norton, Eardley, centre-seconds watch, auction Norwich, turret clocks at

Obituary:
Mulder, Hero
Needham, Joseph, Pegler, Martin Stocker, Ken

Odmark, Albert, Thomas Yates Revisited 162 - 163
Oliver, Manchester, 30-hour longcase movement 528
*Oliver's Spencer Street Workshop and Surviving Collections*, lecture by Ellmers, Chris. 524
Omega, watch by, for 1925 Paris Exhibition 54
*Optional Extras*, by J. R. Melvin 344 - 345
Ord, Robert, see Graham, George, associates
Ord-Hume, Arthur W. J. G.

*The Musical Clock*, book 257
*The Musical Clock* (letter, and reply) by Paul Tuck 354
*Musical Clocks*, lecture 239
O’Reilly’s watch (by Vulliamy) 230
Organ clocks 257
Osborne House, turret clock at 147
Osmond, Richard, 30-hour longcase movement 528
Owen, Watkin, Llanrwst, painted dial longcase 321

Page, Richard, Norwich, turret clock 45
Page, Thomas, turret clock 45
Page, William, No.505, ormolu mounts, ebonised bracket clock, stolen 268

Painted dials:
colour slides at Birmingham Library 301
exhibition of, at Prescot 21
Longcase Painted Dials, book by M. F. Tennant, reviewed 348
by Shearer & Co., Glasgow 424
by James Wilson 1, 320-324

Pantry Clock 151
Pendulum
Bond’s 347
Breguet twin pendulum regulator 149
Electronically maintained 242
Graham’s mercurial 416
Kessels 317
Mercurial compensation, calculations for 416-421
Precision pendulum clocks, lecture on 532
Riefler’s mercurial 416

Penney, David
London meeting report 326
*Anti-Overbanking Device* (Guye patent), letter 450
*Patent Union Chronometers*, letter 264
Thomas Mudge and the Longitude Prize: a Reason to Excel lecture 150

Pennington, Robert, observatory chronometer, 1801 385
Penton, Charles, mahogany longcase regulator 482
Percy Dawson Award 19
Perrault’s Rocker, for water clocks 136
Perrelet, A. L., and the self-winding watch 214
Peterson, Copenhagen, tortoiseshell musical bracket clock 303
Pepys, Samuel, and John Joyne, watchmaker and rogue 254
Photography, Horological, lecture by Hadley, Brian 424, 426
Piaget & Maylin, musical watch 16
Pickering, R. N., regulator, c. 1914 297
Picture Postcards, Horological, lecture by McKay, Chris 151
Piggott, R. K., Nomenclature, letter 80
Pinchbeck, Christoffer (sic), ebonised repeat on 6 bells bracket clock, stolen 177
Pingo, John, Christopher Eimer research request 451
Piquet, Rennes, silver oignon in leather case, stolen 82
Pistor, Edward, musical mahogany bracket clock, stolen 268
Plaister, John, Turret Clocks, lecture 427
Plaskett, No.5456, chronometer 372
Player, y, karrusel watch, auction 52
Polishing (wood), lecture on 527
Pons, H., (Janvier apprentice) wall regulator 468
Ponsford, Clive, The Nonsuch Palace Clock, lecture 534
Port Regis School, turret clock at 334
Portsmouth, Clockmakers in Eighteenth-Century, lecture by Thorpe, Brian, 331
Post Office time transmission from Rugby 153
Post Office, St Martin's le Grand, electric clock 153
Potter, Albert, box chronometer, patent pivoted detent and secondary compensation balance, auction 506
Poulton, William & Son, month longcase timepiece 310
Precision Pendulum Clocks, lecture by Martin, John 532
Precision Timekeeping and the NAWCC Seminar, Cleveland, Ohio, 1992, lecture by Bateman, Douglas 147
Prescot, exhibition of Painted Dials at 21
Pritchard, John, brass dial, mahogany bracket clock, stolen 452
Publications, AHS 19
Puddleton, turret clock at 334
Pyke, John, 5 bells, repeat, ebonised bracket clock, stolen Q
Quare, No.44, break-arch repeater bracket clock, stolen 177
Quare, Daniel, solar timepiece movement 277, 308, 309
Quare & Horseman, musical bracket clock 306
Ramsay, David, astronomical watch, auction 501
Randall, A. L., notes on earl self-winding watches 229
Randall, John, Holt, turret clock by 45
Raper, Thirsk, octagonal drop dial wall clock, stolen 268
Reddyhoff, George, West Country Section reports 39, 152, 241, 332, 427, 533
Reingold, Jack, Skeleton Clocks, lecture 535
Regional clock books, (Wadsworth's list of lists) 130-135
Regional Horological book writing, lecture on 530
Regulator escapements see Escapements, unusual
Regulators
Arnold, John & Son, month regulator 295
Blondeau, Paris, ormolu mounted table regulator 192
Cummins, Charles, patent No.1769 of 1853 434
Frodsham No.1310, month going wall regulator 100
Gamier, Paul, a' Paris, month table regulator 285
Reid, Paul, equation, month table regulator 377V22
LeRoy, equation, month duration, 373V22
Merlin, John Joseph, tapered satinwood case, with temperature indication in pendulum bob 460V22
Month table skeleton gridiron with temp. index 382V22
Picking, R. N., regulatorcl914 297V22
Pons, H., (Janvier apprentice) wall regulator 468V22
Reid, Edinburgh, mantel regulator 479V22
Strasser & Rohde No.285 geodetic timepiece 475V22
Reid, wall clock 527V22
Reid, Edinburgh, mantel regulator 479V22
Reid, William, No.609 chronometer, auction 506V22
Reims Cathedral mantel clock, stolen 178V22
Repeating Watchwork: a Demonstration via CCTV, lecture by Arnfield, Jim 149V22
Repton Church, electric clock 429V22
Restoration work, 151V22
Code of Conduct for Training for 392V22
Restoration, Thoughts on, lecture by Still, Roger 150V22
Reynolds, Cohn, The Electrical Horology of Gent and Co. Ltd., lecture 528V22
Rice, Roy, see hook by Moore, JamesV22
Richardson, John, ebonised bracket repeater 293V22
Risbridger, Deryk Roberts research request 451V22
Ritchie, two-faced clock at Edinburgh Observatory 240V22
Rivers & Son bracket clock 200V22
Roberts, Kenneth D., Eli Terry and the Connecticut Shelf Clock, reviewed 75V22
The Eli Terry Connections, Clockmaker of Wooden Wheeled Movements, lecture 424V22
Roberts, Trudie E., & Howat, John M. The Hourglass and Trade Symbols on Scottish Tombstones544 - 545 V22
Robertson's electric clock 153V22
Robey, John A. A Mystery Timer 542 - 543V22
Robin, à Paris, month longcase 8V22
Robin, Fabian, London, month longcase 13V22
Robin, Robert, bronze cased table regulator 199V22
Rabinette, John, The Astronomical Observations of Jai Singh, lecture 326V22
Robinson, Tom, The Development of Bracket Clocks, lecture 332V22
Robson, William, movement for McCabe by 266, 355V22
Rodnant, minute-repeat chronograph, auction 505V22
Rolling ball clock 212V22
Rose, Ron, A Complicated Clock, lecture 529V22
Rotig, Havre, Inventeur, watch by, auction 51V22
Rougham, turret clock at 45V22
Routley, C. W., Horloge (origin of the word), letter plus comments by Francis Maddison 79V22
Routley, Cyril, Sundials, lecture 39V22
Rowley, Gordon, East Anglian Section report 330V22
Turret Clock Group report 44V22
Royal Collections, Clocks in the, lecture by Craddock, Paul 149V22
Rugby time transmissions 153V22
Rule, Graham, Edinburgh Observatory, lecture 240V22
Russian clocks 393V22
Rust removal, by electrolysis 243V22
Rycztt, John, London, bracket clock S7V22
Saam, Bernhard, turret clock by 116V22
Sabrier, Jean-Claude, V22
   French Marine Academy award 75V22
   book, Longitude at Sea in the time of Louis Berthoud and Henri Motel, reviewed 74V22
Saham Toney, turret clock at 45V22
Salisbury Cathedral Clock Controversy, The, lecture by Maltin, Michael 534V22
Sandglass at Stratford sub Castle, Wiltshire 369V22
Sarton, a Liege, astronomical skeleton clock 102V22
Sarton, Hubert, and the self-winding watch 214V22
Saxlingham, turret clock at 45V22
Schönberger, grande sonnerie Vienna regulator 109V22
Schwenningen, new Museum at 21V22
Sebati & Son, 18th C. Dordrecht clockmakers 489V22
Secticon electric clock 402, 406-408V22
Section and Group Visits, AmS = American Section, CaS = Canadian Section, DuS = Dutch Section, EAS = East Anglian Section, EHG = Electrical Horology Group, IrS = Irish Section, L = London, Main Society, MS = Midlands Section, NS = Northern Section, ScS = Scottish Section, SES = South Eastern Section, SS = Southern Section, TCG = Turret Clock Group, UlS = Ulster Section, WCS = West Country Section
Belfast City Library Feb.1996 (UlS) 535V22
Burlington House, London January 1996 (L) 423V22
Clockmakers' Company Collection July 1995(L) 326V22
Clockmakers’ Company Library February 1996 (L) 525V22
Dorset Tour, July 1995 (TCG) 334V22
Edinburgh University June 1995 (ScS) 240V22
Electric Precision Pendulum Clock, June 1995 (EHG) 242V22
Gerald Marsh’s shop, April 1995 (MS) 150V22
Germany Tour, (AmS) 42V22
Gershom Parkington Collection, March 1996 (NS) 528V22
Greenwich & London March 1995 (TCG & German party) 153V22
Greenwich Observatory October 1995 (MS) 329V22
Hopetoun House February 1996 (ScS) 526V22
Laing’s Foundry, Edinburgh, December 1994 (ScS) 37V22
Merseyside Tour July 1995 (MS) 329V22
Norfolk Tour July 1994 (TCG) 44V22
Norfolk Tour May 1995 (ScS) 239V22
Phillips (Auctioneers) March 1996 (SES) 531V22
Stewart Observatory, Toronto May 1994 (CaS) 43V22
Synchronome Switch Exhibition October 1995 (EHG) 333V22
Toronto, University and Stewart Observatory (CaS) 42V22
Turret Clock Exhibition Uffington April 1995 (TCG) 243V22
Waddesdon Manor April 1996 (MS) 529V22
Zaanse Schans Museum, March 1994 (DuS) 41V22
Self-Winding Watches, by Joseph Flores 214-229V22
Shaftsbury, turret clock at 334V22
Shaw, John, lantern clock 43V22
Shenton, Ken, Southern Section reports 39, 150, 331V22
Shenton, Rita, AHS Chairman, report 524V22
   London meeting reports 238, 325V22
Shepherd's electric clock 153, 403
Sheringham, turret clock at 45
Shortt, William Hamilton, records of 211
Sidereal clock see Kessels
Silent Electric Clock Co., electric clock 129, 153
Simpson, Dr Allen, The Role of Japy Frères in Early Mass-Production, lecture 422
Simpson, John, Wigton, painted dial, mahogany longcase clock, stolen 554
Sinclair Harding 144
Singh, Jai, The Astronomical Observatories of, lecture by Robinette, John 326
Skeleton clock

Berthoud, Ferdinand, ormolu & marble 102
Condliffe, passing strike skeleton clock 209
inscribed to J. H. Jarvis, stolen 82
Litherland, Davies & Co., 3
Litherland Davies & Co., 371
MacDowell, C., Patent Helix Lever, No.169, month going, stolen 453
Motel, Henri, (ex Berthoud) 311
Motel, J. F., a' Paris, astronomical 102
Sarton, a' Liege, astronomical 102
Verneuil, astronomical, ormolu & marble 102
Skeleton Clocks, lecture by Reingold, Jack 535
Slee, Ivan, John Joyne, Secret Agent 254 - 255
Sloan, Sir Hans, see Graham, George, associates
Smallman, Michael, Horological Books, lecture 535
Smith & Sons Deck watches 530
Smith, Abraham & Co., painted dial longcase 322
Smith, Chester, musical bracket clock, stolen 82
Smith, E. W., Maddox St., carriage clock, stolen 178
Smith, Michael, M.
AHS Chairman's reports 35, 238, 325, 422
retiring AHS Chairman 483, 525
Smith, Roger and Thompson, David Vulliamy Musical Clocks 66 - 67
Two Vulliamy Watches with Royal Associations 230 - 237
Smith of Derby, turret clock 334
Smith of Cheltenham, Important Electric Watches by, 1959-1970, lecture by Bennett, Alan, 44
Snellen, Willem, 18th C. Dordrecht clockmaker 488, 499
Spanier, H. Peter, Catton, Moore and McCabe, letter 355
Sparks, Brian E., Midlands Section reports, 39, 149, 329, 426, 529
Spruce, Philip, London meeting report 239
Stackfreed, lecture on the 526
Stamford, turret clock at 45
Staray, Jno., verge watch 356
Steam-powered clock, Vancouver 145
Stewart, A. D., The Accurate Compensation of Graham's Mercurial Pendulum 416 - 421
Still, Roger, Thoughts on Restoration, lecture 150
Stocken, Ken, obituary 241
Stollewerek, Paris, musical ormolu mantel clock, stolen 453
Strasser & Rohde No.285 geodetic timepiece 475
Strean, Alastair, Belfast, No.74, brass dial, walnut longcase clock, stolen 359
Street, Rich'd, gilt brass timepiece 18
Sully, Henry, Netherlands connections 486
Summers's Steelworks, Chester, 1970 (cine film of) 115
Sunderland, Neville, The Development of the Electronic watch, lecture 428
Sundials equatorial, modern (plastic) 425
Heliochronometer, Negretti & Zambra 424
Sundials, lecture by Routley, Cyril 39
Sundials, An Introduction to, lecture by Daniel, Christopher, 330
Sundials in Germany: illustrations of 20,000 examples 485
Sundials & Switzerland, catalogue of 116
Rottingen Tabertal 20
Swiden, van, and Netherlands marine timekeeping 491, 499
Sydings St Nicholas, turret clock at 334
Sykes, Geoffrey H., Turret Clock Group report 429
Synchronome electric clocks 118, 153, 333
Synchronome sympathetic pendulum clock 428
Table clocks see Bracket Clocks
Tarbock, John, junior, and George Graham 442-444
Tavern clock by Allam & Clements 296
Taylor, partner of Ellicott 36
Taylor, J., Unusual American Clocks, lecture 240
Taylor, Terry, The Apprentice, lecture 427
Telltale clock 151
Tennent, M. E., The Fruit and Flowers of James Wilson 320 - 324
Longcase Painted Dials, Their History and Restoration, book 348
Terry, Eli, and clock mass-production 68
Terry, Eli, Clockmaker of Wooden Wheeled Movements, lecture by Roberts, Ken 424
Terry, Eli, and the Connecticut Shelf Clock, (Kenneth D. Roberts), reviewed 75
Thomas, Seth, and clock mass-production 68
Thompson, David, recipient of Percy Dawson Award 19
Watches of the Ellicott Dynasty, lecture 36
Thomson, David and Smith, Roger Two Vulliamy Watches with Royal Associations 230 - 237
Vulliamy Musical Clocks 66 - 67
Thomley, see Graham, George, associates
Thorpe, Brian, Clockmakers in Eighteenth-Century Portsmouth, lecture 331
Tibbott, Newtown, 30-hour longcase clock, stolen 82
Tiffany, unusual alarm watch 117
Tiffany 'Neverwind' Torsion Clock, The, lecture by Torry, P. 425
Time hall, at Edinburgh Observatory 240
Time Capsule 22
Time Recorders, Bernard Pollack research request 175
Timer, A Mystery, by John A. Robey 542 - 543
Toleman, Carnarvon, painted dial longcase 322
Tombstones, Horological and trade symbols on 544-545
Tompion, Thomas ebony repeater timepiece 298
Mostyn Tompion restorer Martin Pegler 392
No. 66, quarter repeat bracket timepiece 114
No. 103 repeating table clock 368
No. 205 bracket clock 291
No. 300 grande sonnerie spring clock 440
No. 317 bracket clock 99
Tompion's No.300, by John Winterton 440-441
Tompion & Banger Equation clock 149
No.427 quarter repeat bracket clock 4
No 430 quarter repeat table clock 105V22
Torbock, see Graham, George, associates V22
Toronto, turret clock at 43V22
Torry, P., the Tiffany ‘Neverwind’ Torsion Clock, lecture 425V22
Torsion balance clock, Tiffany Neverwind electric 425V22
Towne, Jonathan, Horncastle, longcase dial & movement only, stolen 269V22
Trade-marks, book on 259V22
Travers, Adam, Liverpool, brass dial, ebonised bracket clock, stolen 452V22
Tuck, Paul, V22
London meeting reports 35, 36V22
Horology under the Hammer: V22
Watches at Auction 50 - 57, 501 - 509V22
Clocks at Auction 302 - 311V22
Military Barwise? (letter) 265V22
Turret clocksV22
health and safety aspects 243, 355V22
early turret clocks, lectures on 534V22
wood-framed (Michael Applebee research request) 243V22
Turret Clock Restorations, Some, lecture by Irvine, Philip 429V22
Turret Clocks, lecture by Plaister, John 427V22
Turret Clocks, Curiosities of, lecture by McKay, Chris 241V22
Turret Clocks in England and Germany, Some notable, lecture by Duerlein, Art, and McKay, Chris., 147V22
Turret Clocks, English, lecture by McKay, Chris 532V22
Turret Clocks of Europe, A Look at the, lecture by Jones, Graham 535V22
Turret clocks at (by)V22
Alkborough 147V22
Asthall, Oxon 147V22
Bere Regis 147V22
Birnau Monastery 147V22
ex Bolwick Hall, 45V22
Buckland Newton, Dorset, (Bailey of Salford) 334V22
Cattistock, Dorset, with carillon (electric) 334V22
Cawston, Norfolk 45V22
Charleton Marshall, Dorset (Gillett & Johnston) 334V22
Childwall (Thomas Green) 429V22
Diss, St Mary’s, 45V22
Ditchley House 14V22
Downham Market (Wm. Cunliffe, London) 44V22
Durweston, Dorset, (Burden Bros.) 334V22
Egmond aan de Hoef 116V22
Egmond Binnen 116V22
Endhuiizen (and carillon) 213V22
Forde Abbey, Dorset (Bilbie) 445V22
Froxfield 147V22
Gooderstone, St George (Wm. Brown) 44V22
Hague the, St James (van Breda) 23V22
King’s Lynn, St Margaret 44V22
Loddon, Norfolk (John Turner, Norwich) 45V22
Loddon, Norfolk (Gillett & Johnston) 45V22
Long Stratton 45V22
Ludham, Norfolk, (John Begualy of Swanton Morley) 45V22
Lyndlynch, Dorset (Smith of Derby) 334V22
Lytton Cheyney, Dorset 334V22
Manchester Cathedral 167V22
Manchester, St John’s 168V22
Milton Abbas, St James, (Arnold of Childe Okeford) 334V22
<table>
<thead>
<tr>
<th>Place</th>
<th>Location</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milton Abbey School, Dorset</td>
<td>(Moore of London)</td>
<td>334</td>
</tr>
<tr>
<td>Netherlands, St Nicholas</td>
<td></td>
<td>21</td>
</tr>
<tr>
<td>New Buckenham, ex Weeting Hall</td>
<td>(Wm. Dutton)</td>
<td>45</td>
</tr>
<tr>
<td>Nonsuch Palace Clock</td>
<td>lecture on</td>
<td>534</td>
</tr>
<tr>
<td>Norwich, St Clement's</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td>Osborne House</td>
<td></td>
<td>147</td>
</tr>
<tr>
<td>Port Regis School, Dorset,</td>
<td>early clock</td>
<td>334</td>
</tr>
<tr>
<td>Puddleton, Dorset (Frodsham)</td>
<td></td>
<td>334</td>
</tr>
<tr>
<td>Rougham, St Mary (Dent)</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td>Thermann (Bernhard Saam)</td>
<td></td>
<td>116</td>
</tr>
<tr>
<td>Saham Toney, Norfolk</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td>Salisbury Cathedral Clock</td>
<td>Controversy, lecture on</td>
<td>534</td>
</tr>
<tr>
<td>Saxlingham Nethergate, Norfolk</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td>Shaftsbury Town hall</td>
<td>(Gillett &amp; Bland)</td>
<td>334</td>
</tr>
<tr>
<td>Sheringham Hall, Norwich,</td>
<td>(John Randall, Holt)</td>
<td>45</td>
</tr>
<tr>
<td>Stamford</td>
<td></td>
<td>45</td>
</tr>
<tr>
<td>Sydling St Nicholas,</td>
<td>end-to-end trains</td>
<td>334</td>
</tr>
<tr>
<td>Thorpe Station, Norwich</td>
<td>(T. Dixon)</td>
<td>45</td>
</tr>
<tr>
<td>Toronto, Soldier's Tower,</td>
<td>(Gillett &amp; Johnston)</td>
<td>43</td>
</tr>
<tr>
<td>West Lulworth, Dorset (Potts)</td>
<td></td>
<td>334</td>
</tr>
<tr>
<td>Wigan</td>
<td></td>
<td>167</td>
</tr>
<tr>
<td>Woresstead, Norfolk</td>
<td>(Thos. Page)</td>
<td>45</td>
</tr>
<tr>
<td>Wymondham Abbey</td>
<td>(Richard Page, Norwich)</td>
<td>45</td>
</tr>
</tbody>
</table>

Tyler, E. J., 1922
- Netherlands Turret Clock Foundation reports, 20, 21, 116, 213, 393, 393, 484
- Freunde Alte Uhren reports 300, 392, 484

Upton, Fred, *Making Enamel Watch and Clock Dials*, lecture 150, 527

Valliant, Jan, voyage with Arnold chronometer 489
- Van Breda, turret clock by 23
- Van der Closen, Dutch bracket clock 40
- Van Coelen, see Huaud 1922
- Van der Planke electric clock 118
- Van Swinden and Netherlands Marine Timekeeping 491, 499
- Vaucher Frères, No.11503, repeater watch, auction 505
- Verneuil, astronomical skeleton clock 102
- Verow, John, Hinkley, painted dial longcase 324
- Vienna regulator 109
- Viennese clocks, selection 205
- Viet, Claude, brass dial, musical, ormolu bracket clock, stolen 452
- Vieyres (?Vieres) & Repington carriage clock, stolen 554
- Viner, gold watch, 1819, stolen 360
- Visits see Section meetings 1922

**Vulliamy Musical Clocks** by Roger Smith and David Thompson 66 - 67

**Vulliamy Watches with Royal Associations, Two**, by Roger Smith and David Thompson 230-237

**Vulliamy**

- carriage clock, No.1052 with box 390
- cylinder repeater watch movement, stolen 82
- Du Pasquier's watch 235
- Larcum Kendall's Watch 236
- mantel clock No.876 17
- organ clock, No.364 66
- O'Reilly's watch 230
- ruby cylinder watch, auction 504
- Swiss connections of 394

Swiss connections of 394

Tyler, E. J., 1922
- Netherlands Turret Clock Foundation reports, 20, 21, 116, 213, 393, 393, 484
- Freunde Alte Uhren reports 300, 392, 484

Upton, Fred, *Making Enamel Watch and Clock Dials*, lecture 150, 527

Valliant, Jan, voyage with Arnold chronometer 489
- Van Breda, turret clock by 23
- Van der Closen, Dutch bracket clock 40
- Van Coelen, see Huaud 1922
- Van der Planke electric clock 118
- Van Swinden and Netherlands Marine Timekeeping 491, 499
- Vaucher Frères, No.11503, repeater watch, auction 505
- Verneuil, astronomical skeleton clock 102
- Verow, John, Hinkley, painted dial longcase 324
- Vienna regulator 109
- Viennese clocks, selection 205
- Viet, Claude, brass dial, musical, ormolu bracket clock, stolen 452
- Vieyres (?Vieres) & Repington carriage clock, stolen 554
- Viner, gold watch, 1819, stolen 360
- Visits see Section meetings 1922

**Vulliamy Musical Clocks** by Roger Smith and David Thompson 66 - 67

**Vulliamy Watches with Royal Associations, Two**, by Roger Smith and David Thompson 230-237

**Vulliamy**

- carriage clock, No.1052 with box 390
- cylinder repeater watch movement, stolen 82
- Du Pasquier's watch 235
- Larcum Kendall's Watch 236
- mantel clock No.876 17
- organ clock, No.364 66
- O'Reilly's watch 230
- ruby cylinder watch, auction 504
- Swiss connections of 394
**List of Lists**
(a list of regional horological books etc.)

**Wandering hour watch**

**Wall Alarm Clock** by Woolley of Codnor, by Jeff Darken

**Wakes at Auction, 1994 - 94, by Paul Tuck**

**Watches of the Ellicott Dynasty, lecture by David Thompson**

**Aaronson, Hanley**

**Arnold p pocket chronometer No.1/36, auction**

**Barraud, No.309, gold 1804, royal arms on back, stolen**

**Brammer, Gerrit, Amsterdam, auction**

**Breguet, montra a tact. No.2878**

**Breguet et Fils, No 3856, pocket chronometer movement, stolen**

**Brockbank No 1809, auction**

**centre-seconds watch, English, unusual, auction**

**Dent, No.57297, auction**

**Earnshaw No.1503 pocket chronometer, ex Captain Bligh, auction**

**Ellicott**

**equation watch, auction**

**No.1450, cylinder repeater, no dial, stolen**

**No.4391 repeat and alarm, repoussé case by Manly, auction**

**Ellicott (? Elliot) No.8517, blue enamel & pearl, stolen**

**Ellicott, Coventry, multi-dial minute repeater, calendar and moonphase clockwatch, auction**

**Frodsham**
No.010401 keyless fusee lever movement, stolen 82\textsuperscript{V22}

No.100 pocket chronometer, auction 54\textsuperscript{V22}

Goffe, No.314 silver pocket chronometer, stolen 82\textsuperscript{V22}

Graham, George, No.4801, silver-gilt verge, stolen 82\textsuperscript{V22}

‘Graham’s Successor, London 976’, auction 51\textsuperscript{V22}

Grant, Fleet St., No.1381, silver duplex, stolen 82\textsuperscript{V22}

Grant, No.1836, gold pair-cased duplex, stolen 82\textsuperscript{V22}

Grant, No.3201 silver pocket chronometer, stolen 82\textsuperscript{V22}

Huaud & van Coelen, crucifix watch c. 1675 195\textsuperscript{V22}

Kendall, Larcum, watch bought by B. L. Vulliamy 236\textsuperscript{V22}

Leroy, Julian, verge movement, stolen 82\textsuperscript{V22}

Leroy & Son, Regent St., perpetual calendar and barometer, auction 52\textsuperscript{V22}

McCabe, James, large silver duplex, auction 53\textsuperscript{V22}

Marchant, gold clockwatch, stolen 82\textsuperscript{V22}

Martinot gilt and enamel clockwatch, auction 54\textsuperscript{V22}

Massey, type 3 escapement 426\textsuperscript{V22}

Omega, made for 1925 Paris Exhibition, auction 54\textsuperscript{V22}

Perrelet, A. L., self-winding watch 214\textsuperscript{V22}

Piaget & Maylin, musical 16\textsuperscript{V22}

Piquet, Rennes, silver oignon, leather case, stolen 82\textsuperscript{V22}

Player of Coventry, karussel, auction 52\textsuperscript{V22}

Rotig, Havre, Inventeur, auction 51\textsuperscript{V22}

Sarton, Hubert, self-winding watch 214\textsuperscript{V22}

‘Seeberger’, two gold watches, stolen 178\textsuperscript{V22}

Starey, Jno., verge watch 356\textsuperscript{V22}

Viner, gold, 1819, stolen 360\textsuperscript{V22}

Vulliamy cylinder repeater movement, stolen 82\textsuperscript{V22}

Vulliamy, for Du Pasquier 235\textsuperscript{V22}

Wagstaff, W., No, 6886, gold, stolen 360\textsuperscript{V22}

Watchmaking in Wales, Part 2 by D. H. Bacon 58-65\textsuperscript{V22}

Water clocks,\textsuperscript{V22}

Airiau, Athanase 142\textsuperscript{V22}

Buck, Peter 145\textsuperscript{V22}

Embriaco, Giambattista (Rome) 93, 139\textsuperscript{V22}

Gitton, Bernard 145\textsuperscript{V22}

(in) Histoire de L’hydraulique by M. Nordon 349\textsuperscript{V22}

Hunkin, Tim 145\textsuperscript{V22}

Kuhn, A. H. 144\textsuperscript{V22}

Meath, Earl of 142\textsuperscript{V22}

Perrault’s Rocker 136\textsuperscript{V22}

Wright, John F., 1977 267\textsuperscript{V22}

Water-Driven Clocks by Allan A. Mills 136 - 145\textsuperscript{V22}

Watkins, Eichromometer, for photographic timing 428\textsuperscript{V22}

Webb, Ray, Repairing Electric Clocks lecture 536\textsuperscript{V22}

Webster, Robert, Salop, painted dial longcase 322\textsuperscript{V22}

Webster, Salop, 30-hour longcase movement 528\textsuperscript{V22}

Weeks, satinwood balloon case, stolen 82\textsuperscript{V22}

West Dean Workshops 151\textsuperscript{V22}

West Lulworth, turret clock at 334\textsuperscript{V22}

Wheatley, Carlisle, carved mahogany bracket clock, stolen 268\textsuperscript{V22}

Whiston, George, Stafford, painted dial, oak longcase clock, stolen 178\textsuperscript{V22}

White, see Graham, George, associates\textsuperscript{V22}

White, Sir George,\textsuperscript{V22}

English Lantern Clocks, lecture 240\textsuperscript{V22}

The Clockmakers’ Company and Collection, lecture 326\textsuperscript{V22}
| White, Thomas, Wetherby, painted dial, oak longcase clock, stolen | 178
| Whitehurst, Derby, ebonised bracket clock, stolen | 82
| Wigan, turret clock at | 167
| Williams-Davies, John, Horological News, report | 484
| Williamson, Coventry, Deck watches | 530
| Wilson, see Graham, George, associates Wilson, James | V22
| Fruit and Flower painted dials | 1, 320 - 324
| Windmills Family, The Remarkable, lecture by Neale, Jim | 152
| Windmills, quarter repeat timepiece | 191
| Windmills, Tho., green lacquer, repeat on 6 bells bracket clock, stolen | 177
| Winterton, John, Thomas Tompion No.300 | 440 - 441
| Woerd, Charles Vander, screwcutting machine | 73
| Wolfendale, Sir Arnold (AHS President), AGM Address, public awareness of Horology | 146
| knighted | 20
| Wood, Christopher, The Kessels Sidereal Clock | 312 - 319
| Wooden clock movements, lecture on | 424
| Wood-framed turret clock, Michael Applebee research request | 243
| Wood-Heath, David, Horological and Ornamental Engine-Turning Lathes, lecture | 329
| Woodward, Philip, My Own Right Time, An Exploration of Clockwork Design, book | 346
| Wooley, Tenterden, painted dial longcase | 320
| Woolastons, see Graham, George, associates | V22
| Woolley, James, of Codnor: A Wall Alarm Clock by, by Jeff Darken | 164 - 166
| Worestead, turret clock at | 45
| Working Conditions in the Horological Trade, as recorded by Felix Hudson, lecture by Dareau, Michael | 37
| Wright, Edmund, No.100 walnut marquetry longcase clock, stolen | 269
| Wright, John F., water clock, 1977 | 267
| Wymondham, turret clock at | 45
| Y | V22
| Yates, Thomas, Revisited, by Albert Odmark | 162 - 163
| York, and lantern clock making | 241
| Young, Charles, No.31 chronometer, auction | 506
| Zech, Jacob, table clock ex James Ferguson | 423
| Zumbach de Coesfeld, marine time keeper | 487
| Zygowski, Edmund, Traditional Clockmaking, lecture | 43

V22
THE ANTIQUARIAN HOROLOGICAL SOCIETY

(A company limited by guarantee)

Members of Council and Officers as at Summer 1996

President: Sir ARNOLD WOLFENDALE, FRS.
Vice-Presidents: C. K. AKED; C. B. DROVER, TD; T. O. ROBINSON.
Members of Council: C. R. P. ALLIX; J. ARNFIELD; C. BIRD; M. BUNDOCK;
C. J. HURRION (co-opted); M. G. HURST; R. J. LAW; J. H. LEOPOLD; Mrs. R. SHENTON (Chairman);
W. K. SHENTON; A. A. TREHERNE; J. H. F. WADSWORTH; A. H. WEAVING.
Secretary: Mrs. M. COLLINS.
Editor Antiquarian Horology: D. VAUGHAN.
Editorial Advisory Panel: C. R. P. ALLIX; M. G. HURST; R. J. LAW.
Publications Committee: C. R. P. ALLIX; J. H. LEOPOLD; T. O. ROBINSON; J. H. F. WADSWORTH.
Technical Enquiries Officer: J. H. F. WADSWORTH.
Advertising Agents: Mrs. P. LAW.
Solicitors: STUART, HURRION and Co, 148 Park View Road, Welling, Kent DA16 1SS.
Auditors: JOHN L. HASTINGS, Suite 1, Ivyholme, Station Road, Heathfield, East Sussex TN21 8LB.
Hon. Librarian: J. H. LEOPOLD.

SCOTTISH SECTION
Chairman: Dr M. DAREAU. Hon. Secretary: G. CAMPBELL. Hon. Treasurer: J. J. MACONOCHE.

NORTHERN SECTION
Chairman: J. ARNFIELD. Hon. Secretary: B. PERCIVAL. Hon. Treasurer: P. G. TORRY.

MIDLANDS SECTION
Chairman: D. E. JONES. Hon. Secretary: T. SIMMS. Hon. Treasurer: P. SPRUCE.

EAST ANGLIAN SECTION
Chairman: C. BIRD. Hon. Secretary: R. H. A. MILES. Hon. Treasurer: S. W. WATKINSON.

SOUTH EASTERN SECTION
Chairman: A. WEAVING. Hon. Secretary: Mrs. S. KNIGHT. Hon. Treasurer: K. SORRILL.

SOUTHERN SECTION
Chairman: T. O. ROBINSON. Hon. Secretary: W. K. SHENTON. Hon. Treasurer: D. A. SMITH.

WEST COUNTRY SECTION
Chairman: T. TAYLOR. Hon. Secretary: C. PONSFORD. Hon. Treasurer: G. REDDYHOF.

ULSTER SECTION
Chairman: Dr. A. C. DAVIES. Hon. Secretary & Hon. Treasurer: H. W. M. GILMORE.

IRISH SECTION
Chairman: W. G. STUART. Hon. Secretary: D. BOLES.

AMERICAN SECTION
President: J. W. SHEPRO. Secretary: E. EDWARDS. Treasurer: M. RIMLER.
London Liaison Officer: N. LANGMAID.

DUTCH SECTION
Chairman: J. ZEEMAN. Hon. Secretary: C. HOFLAND. Hon Treasurer: N. PAAP.

CANADIAN SECTION
Chairman: C. MURRAY. Hon. Secretary: R. WILSON. Hon. Treasurer: P. BUCKLEY.

TURRET CLOCK GROUP
Chairman: C. G. McKay. Hon. Secretary: M. BUNDOCK. Hon. Treasurer: G. HOLLIS.

ELECTRICAL HOROLOGY GROUP
Chairman: G. GOODSHIP. Hon. Secretary: J. COWSILL. Hon. Treasurer: Mrs. A. COWSILL.

Printed for the AHS by Thanet Telen Printing, 65-67 John Wilson Business Park, Thanet Way, Whitstable, Kent CT5 3QT.
ANTIQUARIAN HOROLOGY
AND THE PROCEEDINGS OF
THE ANTIQUARIAN HOROLOGICAL SOCIETY

VOLUME XXIII
Autum 1996 to Winter 1997

THE ANTIQUARIAN HOROLOGICAL SOCIETY
TICEHURST
MCMXCVIII
VOLUME TWENTY-THREE

PAGINATION OF ISSUES

Issue No. 1 -- Autumn 1996 .......... 1 -92
Issue No. 2 -- Winter 1996 .......... 93 -188
Issue No. 3 -- Spring 1997 .......... 189 -280
Issue No. 4 -- Summer 1997 .......... 281 -380
Issue No. 5 -- Autumn 1997 .......... 381 -480
Issue No. 6 -- Winter 1997 .......... 481 -572
Index ..................573-586

THE ANTIQUARIAN HOROLOGICAL SOCIETY
Registered Charity No. 260925
Chairman: Rita Shenton
President: Sir Arnold Wolfendale, FRS.
Secretary: Pauline Hossbach Auditor: J. Hastings
Technical Enquiry Officer: J. H. F. Wadsworth
Hon. Librarian: J. H. Leopold

All correspondence should be addressed to the Secretary, New House, High Street, Ticehurst, East Sussex,
TN5 7Al
Tel.: (01580) 200155, Fax: (01580) 20132.
<table>
<thead>
<tr>
<th>LIST OF ARTICLES</th>
<th>VOLUME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horology Under the Hammer: Watches at Auction, Part 2 by Paul Tuck</td>
<td>45-53</td>
</tr>
<tr>
<td>Horology and Acts of Parliament by G. H. Sykes</td>
<td>67-70</td>
</tr>
<tr>
<td>Pin Countwheels by John A. Robey</td>
<td>71-73</td>
</tr>
<tr>
<td>Watch Production in English Factories, 1870 – 1930 by D. H. Bacon</td>
<td>117-153</td>
</tr>
<tr>
<td>E. Pitcher &amp; Co. (1880 - 1973) by Harvey Pitcher</td>
<td>151-155</td>
</tr>
<tr>
<td>Manton’s `In Vacuo' Chronometers by Christopher Wood</td>
<td>165-167</td>
</tr>
<tr>
<td>Duties on Clocks and Watches, a facsimile of the duty return form by George Daniels</td>
<td>170-171</td>
</tr>
<tr>
<td>Fire at Thwaites, August 28, 1764, from the St James's Chronicle by Roger Smith</td>
<td>172</td>
</tr>
<tr>
<td>Watch Statistics, Dent &amp; Co., 1837, from The Magazine of Popular Science by Chris McKay</td>
<td>172</td>
</tr>
<tr>
<td>James Murray, Horologist of Distinction: London and Calcutta by Geoffrey C. Crabtree</td>
<td>233-240</td>
</tr>
<tr>
<td>The Performance of a Victorian Dead-Beat Regulator by Richard Webster by A. D. Stewart</td>
<td>241-249</td>
</tr>
<tr>
<td>Experts and Collectors: Percy Webster and James Oakes by John Plowman</td>
<td>260-261</td>
</tr>
<tr>
<td>British Railway Clocks, II. The South Eastern &amp; Chatham Railway &amp; Constituent Companies by D. R. Parr</td>
<td>322-340</td>
</tr>
<tr>
<td>Some Account of Liverpool Watch Case Makers 1758-1798 by D. S. Moore and P. T. Priestley</td>
<td>341-353</td>
</tr>
<tr>
<td>Clockmaking in Medieval Prague by Jaroslav Folta</td>
<td>405-417</td>
</tr>
<tr>
<td>Horology Under the Hammer - Clocks at Auction by Paul Tuck</td>
<td>418-428</td>
</tr>
<tr>
<td>The Watches of Ellicotts of London, Part 2 by David Thompson</td>
<td>429-442</td>
</tr>
<tr>
<td>The Marine Chronometers of the Baudin Expedition to Australia by Hilary King</td>
<td>508-521</td>
</tr>
<tr>
<td>Louis Berthoud and the Finding of Longitude at Sea by Jean-Claude Sabrier</td>
<td>522-534</td>
</tr>
<tr>
<td>James Foggo, Watchmaker and Radical by Mike and Chris Helps</td>
<td>535-541</td>
</tr>
<tr>
<td>Early Automatic Wristwatches by Michael Gibbons</td>
<td>550-551</td>
</tr>
</tbody>
</table>
INDEX TO VOLUME TWENTY-THREE
Compiled by Brian Sparks
Page numbers in bold type denote an illustration

<table>
<thead>
<tr>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abraham, Joseph, watch finisher</td>
</tr>
<tr>
<td>Adams, Middlewich, centre seconds longcase, stolen</td>
</tr>
<tr>
<td>Adamson, Hugh, watch case maker</td>
</tr>
<tr>
<td>Adamson, John, watch case maker</td>
</tr>
<tr>
<td>Agelet, Lepaute d', astronomer</td>
</tr>
<tr>
<td>AHS Chairman's and Secretary's Notes</td>
</tr>
<tr>
<td>Francis wadsworth, Technical Enquiry Officer</td>
</tr>
<tr>
<td>Maria Collins, AHS Secretary, to retire</td>
</tr>
<tr>
<td>Oral History Project proposed</td>
</tr>
<tr>
<td>John Warner, AHS Programme organiser</td>
</tr>
<tr>
<td>AHS Council members listed</td>
</tr>
<tr>
<td>AHS and Clockmaker's Company Libraries, Guildhall: notes for visitors</td>
</tr>
<tr>
<td>AHS on the Internet</td>
</tr>
<tr>
<td>Wristwatch Group proposed</td>
</tr>
<tr>
<td>AGM, May 1997, report</td>
</tr>
<tr>
<td>Editorship of AHS Journal: advertisement for</td>
</tr>
<tr>
<td>Membership recruitment notes</td>
</tr>
</tbody>
</table>

AHS Journal Editorials by Denys Vaughan,

Cumulative Index | 23, 111 |
Affordable Clocks and Watches | 111 |
Encouragement to New Authors | 111 |
John Tyler - A Friend to Old Clocks | 207 |
Harvey Pitcher: Awarded Percy Dawson Medal | 207 |
Communicating: | 23 |
Col. Claridge, new AHS Liaison Officer | 290 |
Hermitage Museum clocks: e-mail address | 290 |
Books: | 23 |
reprint of AHS Journal Volume 5 | 399 |
Booklist for a Horological Library | 399 |
A Time for Change: Retirement of the Editor | 499 |

AHS Journal, Horological News

Sundial Award to Sally hersh | 24 |
Bibliography of the History of Art includes horology in its abstracting service | 24 |
Crime prevention | 24 |
New Swiss Hallmark | 24 |
Abraham-Louis Breguet, 250th Anniversary Award | 25 |
250th Anniversary Exhibition La Chaux-de Fonds | 305 |
Oxford Museum of the History of Science expansion | 25 |
Auction Search facility extended | 25 |
Faculty of Horological Science at Upton Hall | 25 |
Mudge grande sonnerie watch no. 366 | 112 |
Freunde Alter Uhren reports | 112, 214, 304 |
Richard Muhe, Furtwangen Museum, obituary | 212 |
Henry B. Fried, obituary | 212 |
Aspinall watches at Prescot Museum | 213 |
Sundial at the Swan Hunter shipyard | 214 |
Mass Dials in Somerset | 214 |
Burk and Kienzle bankruptcies | 215 |
NAWCC Museum expansion | 215, 304 |
NAWCC turrt clock design competition | 304 |
Breguet | 23 |
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bradt Kinetic sculpture `stick men' clock</td>
<td>305</td>
</tr>
<tr>
<td>Isaac Heron, 1771 advert.</td>
<td>305</td>
</tr>
<tr>
<td>Basil Dumont, obituary</td>
<td>404</td>
</tr>
<tr>
<td>Fred Lip, obituary</td>
<td>404</td>
</tr>
<tr>
<td>Voyce family clocks at Dean Heritage Centre</td>
<td>404</td>
</tr>
<tr>
<td>Harrison: donation by Dava Sobell</td>
<td>404</td>
</tr>
<tr>
<td>Jim Cowssil, obituary</td>
<td>504</td>
</tr>
<tr>
<td>Louis Essen, obituary</td>
<td>505</td>
</tr>
<tr>
<td>Time-Fest event, Greenwich Old Royal Observatory</td>
<td>505</td>
</tr>
<tr>
<td>Quare solar/siderial double clock at Greenwich</td>
<td>505</td>
</tr>
<tr>
<td>Institut l'Homme et Le Temps award to J-C. Sabrier</td>
<td>505</td>
</tr>
<tr>
<td>Melbourne Clock Museum, Australia</td>
<td>505</td>
</tr>
</tbody>
</table>

AHS Publications announcements: 78, 177, 156, 268, 367, 465, 556

AHS Section and Group Visits:

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Horology Group, Electric Clocks (private collection)</td>
<td>450</td>
</tr>
<tr>
<td>London Section, Science Museum Reserve Collection</td>
<td>355</td>
</tr>
<tr>
<td>Midlands Section</td>
<td>181</td>
</tr>
<tr>
<td>Birmingham, September 1996</td>
<td>161</td>
</tr>
<tr>
<td>Cheltenham, April 1997</td>
<td>359</td>
</tr>
<tr>
<td>Oxford, July 1996</td>
<td>59</td>
</tr>
<tr>
<td>Northern Section</td>
<td>54</td>
</tr>
<tr>
<td>British Museum</td>
<td>57</td>
</tr>
<tr>
<td>Bury St Edwards, September 1996</td>
<td>160</td>
</tr>
<tr>
<td>Haycock's Clock Works, Ashbourne, April 1997</td>
<td>359</td>
</tr>
<tr>
<td>Scottish Section</td>
<td>158</td>
</tr>
<tr>
<td>Callendar House, Falkirk, June 1996</td>
<td>158</td>
</tr>
<tr>
<td>London and Kent, May 1996</td>
<td>58</td>
</tr>
<tr>
<td>Mount Stuart House, Isle of Bute</td>
<td>44</td>
</tr>
<tr>
<td>South Eastern Section, Greenwich, October 1996</td>
<td>162</td>
</tr>
</tbody>
</table>

Ainsworth, Gordon,

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restoring a Marquetry Longcase Clock, lecture</td>
<td>161</td>
</tr>
</tbody>
</table>

Aked, Charles,

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bain, research request</td>
<td>564</td>
</tr>
<tr>
<td>Brechin, research request</td>
<td>564</td>
</tr>
<tr>
<td>Allam &amp; Clements mahogany bracket clock, stolen</td>
<td>373</td>
</tr>
<tr>
<td>Allen, Elias, 1634, octagonal sundial, stolen</td>
<td>365</td>
</tr>
<tr>
<td>Alix, Charles, Horological Tools, letter</td>
<td>563</td>
</tr>
</tbody>
</table>

Allix, Charles, & Hurrian, Christopher. The Life and Work of Paul Garnier, lecture 360

Andrewes, William (editor), book, The Quest for Longitude, reviewed by J. A. Bennett 451

Angivillers, Count d', and Emery Lever watches                          | 31   |

Appleby, Charing Cross, and Grimes movements                            | 81   |

Apps, Robert, and pin countwheels                                       | 72   |

Arnfield, Jim,

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Study of British Horology in the Hermitage, lecture</td>
<td>55</td>
</tr>
<tr>
<td>Video Presentation: Repeating Watches, lecture</td>
<td>449</td>
</tr>
<tr>
<td>Aspinall watches at Prescot Museum</td>
<td>213</td>
</tr>
<tr>
<td>Aspinall, Thomas, Toxteth, watch ca. 1620</td>
<td>189</td>
</tr>
<tr>
<td>Astronomical clocks and watches</td>
<td>213</td>
</tr>
<tr>
<td>Czech Republic, astronomical turret clocks in</td>
<td>413</td>
</tr>
<tr>
<td>Nardine, Ulysse, astronomical pocket chronometer</td>
<td>19</td>
</tr>
<tr>
<td>Prague, astronomical town clock</td>
<td>407</td>
</tr>
<tr>
<td>Weidenheimer, Joseph, astronomical table clock</td>
<td>478</td>
</tr>
</tbody>
</table>

Atkinson H. F., Dental and Horological Tools, letter and reply by Paul Baker 467

Auction prices, clocks 418-428
Auction Search facility ('Thesaurus') extended

Augsburg automaton crucifix table clock 45-53

Australian coast, survey of 200

Automatic winders, booklet on, reviewed 508

Automatic winders, booklet on, reviewed 74

Aylewood, Guildford, ebony repeat bracket clock 199

Bacon, D. H., Watch Production in English Factories, 1880-1930

Bacon, D. H., Watch Production in England, letter 111

Badouin Expedition to Australia, 1800-1804: The Marine Chronometers on the, by Hilary King 508

Bain, Charles Aked research request 370

Baird, John, mahogany bracket clock, stolen 476

Baker, Paul H. J., Dental and Horological Tools, letter 467

Baker, Paul H. J., Lancashire Fusee Engines, lecture 58

Baker, Paul H. J., Trade Symbols on Scottish Tombstones: some notes on Horological Tools 168

Barlow, compensated, by Emery, Arnold 29

Banks, Sir Joseph, and early lever escapements 29

Barometric error of regulator 24

Barraud, no. 152 pocket chronometer, letter by Jones, Martyn, and reply by Jagger, Cedric, 79

Barraud & Lunds, watch catalogue reprint 287

Barrett, John, lantern clock, stolen 272

Barton, James, watch case maker, 347

Barton, Thomas, watch case maker, 347

Barwise, giant carriage clock 11

Barwise, John, timepiece 259

Bath, watch collection in Victoria Art Gallery at 264

Beesley, John, watch case maker to Ellicotts 429

Behrens, Hans, Horological Museums in France and Switzerland, letter 468

Bell, John, watch case maker to Ellicotts 429

Beney, David, book, Beaminster Clocks, reviewed by Chris McKay 554

Bennett, J. A., Longitude, letter 559

Bennet, Sir John, no. 62867 watch, stolen 373

Bennett, Mansell, pagoda top longcase clock, stolen 82

Benson, J. W., 3-train bracket clock, stolen 272

Bentley elec clock bham mus 161

Bernier, Pierre, and Australian coastal survey 513

Berthoud chronometers on Australian coastal survey 522

Berthoud, F., and design of marine chronometers 526

Berthoud, Ferdinand & Louis, pocket chronometer 481

Berthoud, Louis, ref comments on Emery Lever watches 32

Berthoud, Louis, and the Finding of Longitude at Sea: New Developments, by Jean-Claude Sabrier 522

Betjeman, Sir John, visit to Pitcher & Co. 152

Bettinson, Solomon, H. F. Watson research request 271

Betts, Jonathan, Thomas Earnshaw, lecture 162

Betts, Jonathan, Emery's Levers, letters 270, 370

Betts, Jonathan, Josiah Emery: Part 3, The Lever Escapement 26

Betts, Jonathan, Part 4, The Surviving Lever Watches 134

Betts, Jonathan, Part 5, The Late Marine Timekeepers 210
Bewick, Thomas, horological engraver

BHI, Upton Hall, Faculty of Horological Science

Bibliography of the History of Art (journal) - includes horology in its abstracting service

Bird, Clifford, Norfolk Clock and Watchmakers, lecture

Preacher's Dials, research request

Bird, Clifford, et al, Metamec Clock Company, lecture

Bird, Clifford & Yvonne, Norfolk and Norwich Clocks and Clockmakers, book, reviewed by Viscount Midleton

Bird, Edward, and Grimes movements

Bissy, Frederik, and Australian coastal survey

Black family, Aberdeen

Blagden, Sir Charles, and early lever escapements

Blancpain, and early automatic wristwatches

Bockels, Jan Janse, Hage, early oval watch

Bodenheimer, W., Scottish Section Exhibition, letter

Bohemia Scientific society, and Emery lever

book reviews, (by author, reviewer's name in brackets),

Andrewes, William, editor, The Quest for Longitude (J. A. Bennett)

Beney, David, Beaminster Clocks (Chris McKay)

Bird, Clifford & Yvonne, Norfolk and Norwich Clocks and Clockmakers (Viscount Midleton)

Campos, Jose Luis Basanta, Relojeros de Espana y Portugal (C. K. Aked)

Crom, Theodore R., Early Lancashire Horological Tools and Their Makers (R. J. Law)

Dareau, M. J., 500 Years of Scottish Clockmaking (Tom Robinson)

Good, Richard, Victorian Clocks (F. G. A. Shenton)

Howse, Derek, Nevil Maskelyne, the Seaman's Astronometer (Andrew King)

Kahlert, Helmut, Bibliographie zur Schwarzwald Uhr (E. J. Tyler)


Schaaff, Berthold, Schwarzwalduhren (E. J. Tyler)

Schaaff, Berthold, Die Reise in Uhrenland (E. J. Tyler)

Shenton, A., Pocket Watches: 19th & 20th Century, (Jim Arnfield and Alan Treherne)

Sobel, Dava, Longitude: the True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time (Alun C. Davies)

Tomes, Patricia A., American Masterpieces, Tall Case Clocks of the Eighteenth Century, (Tom Robinson)

White, Ian, Watch and Clockmakers in the City of Bath, a History to the end of the Nineteenth Century (Clive Ponsford)

Zeeman, J., De Nederlandse Staande Klok, (E. J. Tyler)

Books,

AHS Journal Volume 5, reprint of

Booklist for a Horological Library

Boulger, Richard, watch case maker,

Bracket and Table clocks,

Augsburg automaton crucifix table clock

Aylewood, Guildford, ebony repeat

Baird, John, mahogany, stolen

Benson, J. W., 3-train, stolen

Bickerton, bronze case, stolen

Brugger, Holborn, musical, stolen

Chapman, Thomas, Gravesend, stolen

Zeeman, J., De Nederlandse Staande Klok, (E. J. Tyler) 364V23

AHS Journal Volume 5, reprint of 399V23

Booklist for a Horological Library 399V23

Boulger, Richard, watch case maker, 350V23

Bracket and Table clocks, 200V23

Allam & Clements, mahogany, stolen 373V23

Augsburg automaton crucifix table clock 200V23

Aylewood, Guildford, ebony repeat 199V23

Baird, John, mahogany, stolen 469V23

Benson, J. W., 3-train, stolen 272V23

Bickerton, bronze case, stolen 273V23

Brugger, Holborn, musical, stolen 179V23

Chapman, Thomas, Gravesend, stolen 180V23

White, Ian, Watch and Clockmakers in the City of Bath, a History to the end of the Nineteenth Century (Clive Ponsford) 263V23

Tomes, Patricia A., American Masterpieces, Tall Case Clocks of the Eighteenth Century, (Tom Robinson) 263V23

Sobel, Dava, Longitude: the True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time (Alun C. Davies) 363V23

Zeeman, J., De Nederlandse Staande Klok, (E. J. Tyler) 364V23

Shenton, A., Pocket Watches: 19th & 20th Century, (Jim Arnfield and Alan Treherne) 552V23

Howse, Derek, Nevil Maskelyne, the Seaman's Astronometer (Andrew King) 173V23

Kahlert, Helmut, Bibliographie zur Schwarzwald Uhr (E. J. Tyler) 173V23


Schaaff, Berthold, Schwarzwalduhren (E. J. Tyler) 459V23

Schaaff, Berthold, Die Reise in Uhrenland (E. J. Tyler) 365V23

Good, Richard, Victorian Clocks (F. G. A. Shenton) 263V23

Dareau, M. J., 500 Years of Scottish Clockmaking (Tom Robinson) 460V23

Beney, David, Beaminster Clocks (Chris McKay) 554V23

Bird, Clifford & Yvonne, Norfolk and Norwich Clocks and Clockmakers (Viscount Midleton) 553V23

Campos, Jose Luis Basanta, Relojeros de Espana y Portugal (C. K. Aked) 174V23

Crom, Theodore R., Early Lancashire Horological Tools and Their Makers (R. J. Law) 457V23

Andrewes, William, editor, The Quest for Longitude (J. A. Bennett) 451V23

Bird, Clifford, Norfolk Clock and Watchmakers, lecture 548V23

Preacher's Dials, research request 179V23

Bird, Clifford, et al, Metamec Clock Company, lecture 547V23

Bird, Clifford & Yvonne, Norfolk and Norwich Clocks and Clockmakers, book, reviewed by Viscount Midleton 553V23

Bird, Edward, and Grimes movements 81V23

Bissy, Frederik, and Australian coastal survey 512V23

Black family, Aberdeen 237V23

Blagden, Sir Charles, and early lever escapements 29V23

Blancpain, and early automatic wristwatches 550V23

Bockels, Jan Janse, Hage, early oval watch 202V23

Bodenheimer, W., Scottish Section Exhibition, letter 468V23

Bohemia Scientific society, and Emery lever 33V23

book reviews, (by author, reviewer's name in brackets),

Andrewes, William, editor, The Quest for Longitude (J. A. Bennett) 451V23

Beney, David, Beaminster Clocks (Chris McKay) 554V23

Bird, Clifford & Yvonne, Norfolk and Norwich Clocks and Clockmakers (Viscount Midleton) 553V23

Campos, Jose Luis Basanta, Relojeros de Espana y Portugal (C. K. Aked) 174V23

Crom, Theodore R., Early Lancashire Horological Tools and Their Makers (R. J. Law) 457V23

Dareau, M. J., 500 Years of Scottish Clockmaking (Tom Robinson) 460V23

Good, Richard, Victorian Clocks (F. G. A. Shenton) 263V23

Howse, Derek, Nevil Maskelyne, the Seaman's Astronometer (Andrew King) 173V23

Kahlert, Helmut, Bibliographie zur Schwarzwald Uhr (E. J. Tyler) 173V23


Schaaff, Berthold, Schwarzwalduhren (E. J. Tyler) 459V23

Schaaff, Berthold, Die Reise in Uhrenland (E. J. Tyler) 365V23

Shenton, A., Pocket Watches: 19th & 20th Century, (Jim Arnfield and Alan Treherne) 552V23

Sobel, Dava, Longitude: the True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time (Alun C. Davies) 363V23

Tomes, Patricia A., American Masterpieces, Tall Case Clocks of the Eighteenth Century, (Tom Robinson) 262V23

White, Ian, Watch and Clockmakers in the City of Bath, a History to the end of the Nineteenth Century (Clive Ponsford) 263V23

Zeeman, J., De Nederlandse Staande Klok, (E. J. Tyler) 364V23

Books, V23

AHS Journal Volume 5, reprint of 399V23

Booklist for a Horological Library 399V23

Boulger, Richard, watch case maker, 350V23

Bracket and Table clocks, V23

Allam & Clements, mahogany, stolen 373V23

Augsburg automaton crucifix table clock 200V23

Aylewood, Guildford, ebony repeat 199V23

Baird, John, mahogany, stolen 469V23

Benson, J. W., 3-train, stolen 272V23

Bickerton, bronze case, stolen 273V23

Brugger, Holborn, musical, stolen 179V23

Chapman, Thomas, Gravesend, stolen 180V23
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ellicott</td>
<td>hour repeat</td>
<td>572</td>
</tr>
<tr>
<td>Ellicott, John</td>
<td>fly-back calendar</td>
<td>22</td>
</tr>
<tr>
<td>Farquarson, Alex</td>
<td>walnut, stolen</td>
<td>82</td>
</tr>
<tr>
<td>Green, James</td>
<td>mahogany, stolen</td>
<td>469</td>
</tr>
<tr>
<td>Green, John</td>
<td>bell top, stolen</td>
<td>373</td>
</tr>
<tr>
<td>Grettton, Charles</td>
<td>ebony</td>
<td>497</td>
</tr>
<tr>
<td>Handley &amp; Moore</td>
<td>8-bells, stolen</td>
<td>565</td>
</tr>
<tr>
<td>Herbert, Cornelius</td>
<td>kingwood repeat table clock</td>
<td>188</td>
</tr>
<tr>
<td>Hughes, William</td>
<td>pad top ca. 1780</td>
<td>388</td>
</tr>
<tr>
<td>Johnson, London</td>
<td>musical, stolen</td>
<td>179</td>
</tr>
<tr>
<td>Jones, Henry/Henricus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dutch striking, ebony</td>
<td>stolen</td>
<td>277</td>
</tr>
<tr>
<td>Knibb, John</td>
<td>Oxon, walnut timepiece</td>
<td>480</td>
</tr>
<tr>
<td>Knibb, Johannes</td>
<td>Oxonia, ebony, gilt mounts</td>
<td>297</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>skeleton chapter ring, stolen</td>
<td>10</td>
</tr>
<tr>
<td>Le Roy, Julien</td>
<td>tortoiseshell &amp; ormolu table clock</td>
<td>98</td>
</tr>
<tr>
<td>Lowndes, Jonathan</td>
<td>ebonised, ca. 1680</td>
<td>388</td>
</tr>
<tr>
<td>Monkhouse, John</td>
<td>fruitwood, stolen</td>
<td>10</td>
</tr>
<tr>
<td>Nightingale, London</td>
<td>bell top, stolen</td>
<td>272</td>
</tr>
<tr>
<td>Ourry a Paris</td>
<td>table clock, auction</td>
<td>428</td>
</tr>
<tr>
<td>Pacquet a Paris</td>
<td>Boulle, stolen</td>
<td>82</td>
</tr>
<tr>
<td>Payne &amp; James, Bath</td>
<td>mahogany</td>
<td>101</td>
</tr>
<tr>
<td>Pinchbeck</td>
<td>quarter repeat, stolen</td>
<td>10</td>
</tr>
<tr>
<td>Prevost, London</td>
<td>quarter repeat,</td>
<td>6</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ebonised, stolen</td>
<td></td>
<td>373</td>
</tr>
<tr>
<td>no.44, stolen</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>no. 294, quarter repeater</td>
<td></td>
<td>206</td>
</tr>
<tr>
<td>Reith, James</td>
<td>3-train, auction</td>
<td>421</td>
</tr>
<tr>
<td>Rickman, W., walnut</td>
<td>stolen</td>
<td>565</td>
</tr>
<tr>
<td>Sherring, Stephen</td>
<td>mahogany, stolen</td>
<td>565</td>
</tr>
<tr>
<td>Smallwood, John</td>
<td>ornate backplate</td>
<td>258</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ebony, Dutch striking</td>
<td>auction</td>
<td>427</td>
</tr>
<tr>
<td>grande sonnerie, silver mounts</td>
<td></td>
<td>285</td>
</tr>
<tr>
<td>no. 99, ebonised strike &amp; repeat</td>
<td></td>
<td>92</td>
</tr>
<tr>
<td>no. 108, ebony quarter repeat timepiece</td>
<td></td>
<td>107</td>
</tr>
<tr>
<td>no. 171 quarter repeat</td>
<td></td>
<td>387</td>
</tr>
<tr>
<td>no. 300 grande sonnerie</td>
<td>auction</td>
<td>426</td>
</tr>
<tr>
<td>no. 343 ebony</td>
<td>auction</td>
<td>427</td>
</tr>
<tr>
<td>no. 377, ebony quarter repeat</td>
<td></td>
<td>107</td>
</tr>
<tr>
<td>Tompion &amp; Graham</td>
<td>no. 545, repeater, auction</td>
<td>427</td>
</tr>
<tr>
<td>Tunnel, John</td>
<td>mahogany, stolen</td>
<td>469</td>
</tr>
<tr>
<td>Vallin, Nicholas</td>
<td>gilt metal table clock, Graham movement, auction</td>
<td>428</td>
</tr>
<tr>
<td>Vellauer, Vienna</td>
<td></td>
<td>391</td>
</tr>
<tr>
<td>Vulliamy, B. L.</td>
<td>rosewood alarm, auction</td>
<td>419</td>
</tr>
<tr>
<td>Vulliay, J.</td>
<td>repeat timepiece, auction</td>
<td>426</td>
</tr>
<tr>
<td>Vulliamy, no. 981</td>
<td>library alarm timepiece</td>
<td>291</td>
</tr>
<tr>
<td>Wady, John</td>
<td>6-bells repeater, stolen</td>
<td>373</td>
</tr>
<tr>
<td>Wagstaffe, Thomas</td>
<td>quarter chime</td>
<td>388</td>
</tr>
<tr>
<td>Webster, Richard</td>
<td>small mahogany timepiece</td>
<td>105</td>
</tr>
<tr>
<td>Webster, William</td>
<td>6-bells, stolen</td>
<td>565</td>
</tr>
<tr>
<td>Weidenheimer, Joseph</td>
<td>astronomical table clock</td>
<td>478</td>
</tr>
<tr>
<td>Whitehurst &amp; Son</td>
<td>ebonised, stolen</td>
<td>469</td>
</tr>
<tr>
<td>Wignall, Ormskirk</td>
<td>moonphase, stolen</td>
<td>82, 179</td>
</tr>
</tbody>
</table>
Windmills, Joseph, lacquered, 6-bells stolen 10
lacquered, quarter strike, turntable base 110
Wright & Thorpe, 3-train 205
Younge, Henry, 6-bell repeater, stolen 470
Brechin, Charles Aked research request 564
Breguet, Abraham-Louis, early lever escapements by 32
250th Anniversary Exhibition La Chaux-de Fonds 305
Breguet watches, no 856, ruby cylinder watch 16
no. 2997 quarter repeat, jump hour, calendar 395
no. 4405, moonphase, calendar 488
Brighton Pavilion skeleton clock 293
British Museum Swiss Horological tour 102
Brock, 5-leg gravity escapement regulator 263
Brockbank, John, bracket clock, stolen 82
Brockbank & Atkins, no. 1111 marine chronometer 393
Brodie Castle, clocks in 547
Brodie, Francis, Horological Lubricants, lecture 251
Bruger, Holborn, musical bracket clock, stolen 170
Bruhl, Count von, and early lever escapements 29
and Emery's marine chronometers 222
Brusa, Giuseppa, Emery's Levers, letter 270
and reply by Jonathan Betts 270
Bryan, Leslie, Making Clocks, lecture 450
Bryant, J., railway clocks 340
Bull, Randolph, musical clock, 1599 548
Bullock, early Bath clockmaker 264
Bundock, Mike, Turret Clocks (Quiz) 360
Burk & Co., bankruptcy 215
Burrell Collection, clocks in 547
Byrne, Dr. Fred, Time, Position and Astronomy, lecture 255
Caillard, early Mudge lever for 27
Caledonian, The (trade mark), E. J. Tyler research request 564
Calvinism, effect on Swisswm 356
Campos, Jose Luis Basanta, book, Relojeros de Espana y Portugal, reviewed by C. K. Aked 174
Carriage clocks, Barwise, giant size 11
Dent, E. I., no. 663 199
Drocourt, rococo 390
Fatton, Frederick, no. 17, mahogany 483
Frodsham, Charles, no.1146, g'de sonnerie, stolen 82
Payne, Bond St., quarter-strike 17
Rose, Harold, collection of, miniature 153
Vulliamy, no. 1042, rosewood, stolen 170
Carrington, Roger, The Role of Insurance Records in Researching Horology, lecture 354
Carter, John, railway clockmaker 324, 335
Cattaneo, no. 2070 gold watch, stolen 373
Cattell, William, month marquetry longcase clock 392
Chabert, Marquis de, and Emery lever no 1001 31
Channon group of furniture see Prevost
Carron
Chapelle, Ken, *The Restoration of Clocks Owned by the National Trust*, lecture 547

Chapman, Thomas, Gravesend, bracket clock, stolen 180

Charle, George, triple-cased Turkish watch, stolen 82

Chastenet Puysegur, M. le Comte de, and Emery Lever watches 31

Chronometers (marine unless otherwise stated), 

*Barraud*, no. 152 pocket chronometer, 79

letter by Jones, Martyn, 79

and reply by Jagger, Cedric, 79

*Baudin Expedition to Australia, The Marine Chronometers of the*, by King, Hilary 508

Berthoud, Australian coastal survey chronometers 508

design of chronometers 526

Berthoud, Ferdinand & Louis, pocket chronometer 481

*Berthoud, Louis, and the Finding of Longitude at Sea: New Developments*, by Jean-Claude Sabrier 522

Brockbank & Atkins, no. 1111 393

Bruhl, Count von, and Emery's 222

Guinand, E., tourbillon pocket chronometer 18

Jones, Martyn, *Barraud*, no. 152 79

Magnin, Etienne 1, 52

Manton, Joseph, his 'in Vacuo' chronometer 165

tests on chronometers in vacuum 165

Mudge no. 3 (Howells & Pennington) 380

Murray, James, chronometers, 233

Nardine, Ulysse 19

astronomical pocket chronometer 19

pocket chronometer 19

tourbillon pocket chronometer 19

Perouse, J. F. la, navigator, chronometers used by 31

Clarke, Guelph, Ontario, no. 5212922 watch, stolen 373

Clayton, clockmaker 163

Clifton, John, watch case maker 349

Clinton, Richard, Eccleshall, longcase clock, stolen 273

*Clowes*, Ian Robert Dunn research request 469

Clowes, Londini, and Grimes movements 81

Cole, Thomas 103

no. 608 mandolin form timepiece

no. 2794 gilt brass clock 7

Collman, L. W., case designer 493

Condiffe, James, musical skeleton clock 392

Congreve & Moxon, skeleton table regulator 9

Constantine, John, quarter repeat timepiece 3

Corry, Bob, *Horological Machining* (demonstration) 546

Council for the Care of Churches (CCC): booklet on Turret Clocks, reviewed by Chris McKay 74

*Court*, Ian Robert Dunn research request 469

Cowell, John, longcase clock with barometer, auction 419

Cow sill, Jim, obituary 504


Cradock, Paul, *Clocks in the Royal Collection*, lecture 159

Crichton, Walter, Haddington, longcase clock, stolen 470

Crime prevention advice 24


Cronier, eleve de Robin, mantel regulator, auction 423

Czech Republic, astronomical turret clocks in 413

Daguerre, Dominique, Directory clock 282
Dallam, Thomas, organ clock 548

Daniels, George,

 Longitude, letter 553
and reply by J. A. Bennett 553
Mudge, Emery and the Lever Escapement, letter 467
and reply by Paul Tuck 467

Dareau, M. J.,

 Etymology of Horological Words, lecture 159
500 Years of Scottish Clockmaking, lecture 358
500 Years of Scottish Clockmaking, book, reviewed by Tom Robinson 460

David, Martin Aloys, portrait with Emery lever 34

Davies, Alun C., A New Look at the Ingold Episode, lecture 60

Davis, John, Windsor, turret clock at Brasted Place 271

Dawson, Plymouth, musical clock 548

Deacon, Samuel,

 numbering system (J. A. Robey research request) 372
 pin countwheels, use of 71

Deignan, Capt. Owen, Sundials and Lighthouses, lecture 361

Deletres, Paris, Boule mantel clock, stolen 180

Deluney, Paris, equation regulator, auction 422

Dent, E. I., no. 663 carriage clock 197

Dent & Co., Watch Statistics, 1837 172

Desvignes family, watch case makers to Ellicotts 432

Detouche, C. L., electric regulator, Houdin’s patent, auction 425

Dingwall-Beloe lecture advertisement, Dr. Peter Friess: Joseph Weidenheimer, an Unknown Talent of German Clockmaking 478

Donaldson, Colleen, Gilding, lecture 252

Donisthorpe, Joseph, and pin countwheels 71

Donnang, Paris, barometer ca. 1810 99

Dorset Clockmaking and the Tribe’, T. Tribe research request 372

Dovers, Robert, Bath, skeletonised verge watch 264

Drocout, rococo carriage clock 390

Drury, bellfounder 317

Duboule, Geneva, dolphin form watch ca. 1650 202

Dumont, Basil, obituary 404

Dunn, Ian Robert,

 Clowes, research request 469
 Court, research request 469

Dunster, Roger, Amsterdam, quarter repeat watch 2

Dutch longcase clocks, book on 364

Duties on Clocks and Watches 170

Dutton, London, solar & meantime clock 164

Dwerrihouse & Carter, longcase clock, stolen 179

Dwerrihouse & Ogston, rosewood travelling clock 201

Earnshaw, Thomas

 Greenford Hall estate 163
 Threakstone, Lydia, (Mrs Earnshaw) 163
 Thomas Earnshaw, lecture by Betts, Jonathan, ebauces 162

Ebsworth, and Grimes movements 81

Eimer, Christopher, Pingo, research request 178

Ekegren, H-R, Geneva, perpetual calendar watch 2

Electric clocks and systems,

 Bentley, Birmingham museum 161
Detouche, C. L., electric regulator, Houdin’s patent, auction 425\textsuperscript{v23}

Electric Clocks (private collection) 450\textsuperscript{v23}

Hipp Toggle exhibition 60\textsuperscript{v23}

Houdin, Robert, electric clock patent 425\textsuperscript{v23}

Mitchell, Arthur, lectures, \textit{Smiths - An Overview of their Activities in Electrical Horology} 362\textsuperscript{v23}

\textit{Time at a Distance} 59\textsuperscript{v23}

Post Office clocks numbering: research project 164\textsuperscript{v23}

Reynolds, Colin, lecture, \textit{The Electrical Horology of Gent & Co} 255\textsuperscript{v23}

Torry, P., lecture, \textit{An Introduction to Electrical Horology} 253\textsuperscript{v23}

Ellicott\textsuperscript{v23}

- bracket clock, fly-back calendar 22\textsuperscript{v23}
- bracket clock, hour repeat 572\textsuperscript{v23}
- regulator, temperature compensated, auction 423\textsuperscript{v23}
- watch owned by Capt Cook, Maskelyne 319\textsuperscript{v23}
- watches, hall-marked, list of 434\textsuperscript{v23}
- no. 6887 watch, coiled serpent date indicator 193\textsuperscript{v23}
- no. 9927 lever watch, Royal Exchange 389\textsuperscript{v23}

Ellicott, Edward 307\textsuperscript{v23}

Ellicott, Pennsylvania, early American longcase by 262\textsuperscript{v23}

\textit{Ellicotts of London, the Watches of, Part 1}, by David Thompson 306\textsuperscript{v23}

\textit{Ellicotts of London, The Watches of, Part 2}, by David Thompson 429\textsuperscript{v23}

\textit{Ellicott's Watch Case Makers}, letter by Priestley, Philip, 561\textsuperscript{v23}

Ellicotts: company name changes including,\textsuperscript{v23}

- Jno. Ellicott 307\textsuperscript{v23}
- Ellicott & Cook 307\textsuperscript{v23}
- Ellicott & Smith 307\textsuperscript{v23}
- Ellicott & Taylor 307\textsuperscript{v23}

Elliot, J. J. & Co., history 545\textsuperscript{v23}

Ellison family, watch case makers, 347, 351, 352\textsuperscript{v23}

Elmers, Chris, \textit{Mr. Oliver's Spencer Street Workshop and Surviving Collections}, lecture 55\textsuperscript{v23}

\textit{Emery, Josiah: Articles by Jonathan Betts},\textsuperscript{v23}

- Part 3, The Lever Escapement, 26\textsuperscript{v23}
- Part 4, The Surviving Lever Watches 134\textsuperscript{v23}
- Part 5, The Late Marine Timekeepers 216\textsuperscript{v23}
- additional information (letter from Tuck, Paul) 368\textsuperscript{v23}
- and reply by Jonathan Betts 370\textsuperscript{v23}

\textit{Emery’s Levers}, letter by Brusa, Giuseppa, 270\textsuperscript{v23}

- and reply by Jonathan Betts 270\textsuperscript{v23}

Emery, Josiah,\textsuperscript{v23}

- lever escapement, model of 33\textsuperscript{v23}
- lever watches, extant, description of 36, 134\textsuperscript{v23}
- no. 1252 lever escapement watch 93\textsuperscript{v23}
- oiling device by 220, 227\textsuperscript{v23}

Emery, Josiah, lever watches, owners and users of,\textsuperscript{v23}

- Agelet 31\textsuperscript{v23}
- Angevillers 31\textsuperscript{v23}
- Auch, Jacob 34\textsuperscript{v23}
- Berthoud, Louis 32\textsuperscript{v23}
- Blagden 29\textsuperscript{v23}
- Bohemia Scientific society 33\textsuperscript{v23}
- Breguet 32\textsuperscript{v23}
- Chabert 31\textsuperscript{v23}
- Chastenet Puysegur 31\textsuperscript{v23}
- Cruzado, Eugenio 35\textsuperscript{v23}
- David, Martin Aloys, portrait with Emery watch 34\textsuperscript{v23}
George IV / Prince regent 35
Gerstner, Prague University 33
Gotha Observatory 34
Hardenberg 34
Janvier 32
Lepine 32
Louis XVI, King 32
Mannheim Observatory 34
Maskelyne 35
Nelson, Horatio (no. 1104, worn at Trafalgar) 35
Perouse 31
Robin 31
Sanchez, Caetano, Spanish Royal Observatory 34
Saron, President of Free French Parliament 30
Sussex, Duke of 35
Weimar, Duke of 34
Wissenschaften 34
Zach, Baron von 33

Emery's lever in watches by other makers:
Dutton 40
Leroux 40
Margetts 40
Pendleton 40
Perigal 40
Prior 40

Emery, Salomen 230
Emery, Susannah 230
Engraving; Thomas Bewick 59
Equation Tables, David Penney research request 178
Equation watch by Mudge, signed Ellicott 319
escapements, unusual (see also Emery)
Brock, 5-leg gravity 263
escapement frequency, unusual 226
Funnel, constant-force 263
Lepine, Jean-Antoine, early lever 32
Leroux, John, improvements to lever 32, 40, 369
LeRoy, invention of lever by 32
Pendleton, Richard, and early lever 30
Pouzait, J.-M., invention of lever 32
Taylor's lever 389
Verite, constant force 425

Essen, Louis, obituary 505
Evill, early Bath maker 264
exhibitions (see also Museums)
Art & Craft of the Clockmaker, Nov - Dec. 1997 397
Clocks Utilising the Hipp Toggle Principle 60
Hipp Toggle exhibition 60
500 Years of Scottish Clockmaking, May 1997 446
Scottish Section Exhibition, letter by Bodenheimer, W., 468
synchronous clocks display 58, 60

F

Falmouth, determination of longitude of 233
Farquarson, Alex, walnut bracket clock, stolen 82
Fatton, Frederick, no. 17 mahogany carriage clock 483
Faure, Pierre, and Australian coastal survey 513
Ferrers, Thomas, collection sold 308
Fertbauer, Vienna regulator ca. 1800 391
Field, Thomas, early Bath maker 264
Fishwick, Henry, watch case maker, 352
Fishwick, Robert, watch case maker, 352
Fletcher, Robert, Chester, Watchmaker 346
Flinders, Matthew, early voyager to Australia 508, 515
*Foggo, James, Watchmaker and Radical*, by Mike & Chris Helps 535
Folta, Jaroslav, *Clockmaking in Medieval Prague* 405
Corrigendum 507
Fortis, and early automatic wristwatches 550
French, Royal Exchange, musical boule clock, stolen 565
French Republican calendar, use of 515
Freundel Uhren reports 112, 214, 304
Fried, Henry B., obituary 212
Frodsham, gold half-hunter watch, stolen 273
Frodsham, Charles, no. 1146, grande sonnerie carriage clock, stolen 82
no. 1271, wall regulator, mercury pendulum 100
Fromanteel, bracket repeater, auction 426
Fromanteel, Ahasuerus, ebony longcase clock ca. 1665 486
ebonised boxwood longcase clock, ca. 1665 487
Funnel, constant-force escapement by 263
Fusee engines 59
Galpin, George, Board of Longitude Secretary 223
Gardner & Son, Glasgow, longcase clock, stolen 373
Garnett, Joseph, assistant to Maskelyne 224
G.B., initials of watch case maker to Ellicotts 431
G & B railway clocks *see* Grimshaw & Baxter 550
Gibbons, Michael, *Early Automatic Wristwatches* 550
Gillett & Johnston, double dial railway clock 281
railway clocks 325
Giroust, Alexander, solar clock 163
Good, Richard, *Steel Springs for Clocks and Watches*, lecture 360
*Victoria Clocks*, book, reviewed by F. G. A. Shenton 263
*Victoria Clocks*, lecture 252
Gorlay, Hector, watchmaker 162
Gorsuch, Shrewsbury, watches 446
Gough, London, oval 8-day watch 446
Gould, Christopher, longcase clock, ca. 1695 97
Graham, George, longcase clocks, no. 666 280
no. 679, burr walnut 298
*Grande Sonnerie Public Clocks*, J. Winterton research request 563
Gray, Benjamin, and Vulliamy 157
Grebauscal, Rouen, octagonal watch ca. 1640 202
Green, James, mahogany bracket clock, stolen 469
Green, James, watchmaker, 346
Green, John, bell top bracket clock, stolen 373
Green, Thomas, watch case maker, 346
Greenwich Old Royal Observatory

Quare solar/siderial double clock at

Time-Fest event,

Gregory, Anne, and Foggo family

Gretton, Charles, ebony bracket clock

Griffiths, John,

Early Chronometers, lecture

Watches from the Lancashire Collections, lecture

Grimes Workshop, The, letter by Piggott, R. K.

Grimshaw & Baxter, history

Grimshaw & Baxter railway clocks

Guinand, E., tourbillon pocket chronometer

Hallmarks, Swiss, new

Halstead, Robert, watch case maker to Ellicotts

Hamelin, Jules, early voyager to Australia

Handley & Moore 8-bells bracket clock, stolen

Harford, John, early Bath maker

Harman, Horsham, 30-hour birdcage movement

Harries, David, Horological Quiz

Harrison, John, (see also Longitude),

donation by Dava Sobell

Harrison, James,

James III, gravity escapement

Harrington Clocks of the James Harrison Family, lecture by Chris McKay

Harrison, Thomas, watch case maker,

research request

Harvey, Robert, musical clock

Harwood, Brian, Horse Guards Clock, research request

Harwood, John, invention of automatic wristwatches

Hastings, Peter R., Longitude, letter

and reply by J. A. Bennett

Haward, Peter,

The Al Jazari Water Clocks, lecture

The Richard of Wallingford Clock, lecture

Hawkins, Thomas, and Ellicott

Haycock, Charles, Horology and Textile Machinery, lecture

Helps, Mike & Chris, James Foggo, Watchmaker and Radical

Helsby, family, watch case makers,

Herbert, Cornelius jr., kingwood repeat table clock

Herbert, Cornilius, pagoda top longcase clock, stolen

Heron, Isaac, 1771 advertisement

Hersh, Sally, Sundial Award to

Hervel, Peter, pagoda top longcase clock, stolen

Hinds, Peter, watch finisher,

Hobbs, list of Somerset makers, unpublished

Holland, Louth, 30-hour birdcage movement

Horse Guards Clock, Brian Harwood research request

Horstmann watch collection, Victoria Gallery, Bath

Houdin, Jaques-Francois, gravity remontoire patent

Houdin, Robert, electric clock patent

Houlden, John, Kendal, 24-hour dial

Houseago, John, A Mystery Timer, letter

Howse, Derek, book, Nevil Maskelyne, the Seaman's Astronometer, reviewed by Andrew King

Hughes, William, pad top bracket clock ca. 1780

Hulf, Ralph, longcase clock, stolen

Hulence, Ralph, longcase clock, stolen

Huelin, Ralph, longcase clock, stolen

Hulfe, Ralph, longcase clock, stolen

Hulfe, Ralph, longcase clock, stolen
Hull, Francis, watch case maker, 347\textsuperscript{V23}
Hull, Thomas, watch case maker, 347\textsuperscript{V23}
Hull, William, watch case maker, 347\textsuperscript{V23}
Hull, Henry, apprenticed to Graham, and Ellicott 309\textsuperscript{V23}
Humboldt, Alexander von, and Berthoud's no. 527 527\textsuperscript{V23}
Hummol, Lorenz, Black Forest clock dealer 365\textsuperscript{V23}
Husband, London, longcase, Hermitage Museum 56\textsuperscript{V23}
Hutchinson, Beresford, \textit{Observatory Clocks}, lecture 360\textsuperscript{V23}
Hutchinson, Worksop, longcase clock, stolen 180\textsuperscript{V23}
I.G., initials of watch case maker to Ellicotts 431\textsuperscript{V23}
Ingold, lecture 60\textsuperscript{V23}
Institut l'Homme et Le Temps award to J-C. Sabrier 505\textsuperscript{V23}
Insurance, of horological items 544\textsuperscript{V23}
Irish clocks, lighthouses and sundials 361\textsuperscript{V23}
Irvine, Phillip, \textit{Recent Turret Clock Restorations}, lecture 58\textsuperscript{V23}
Jagger, Cedric, \textit{Barraud}, reply 89\textsuperscript{V23}
Janvier, Antide, examined Emery lever 32\textsuperscript{V23}
Jefferys, John, no. 108 cylinder watch 495\textsuperscript{V23}
Jewel piercing, early 541\textsuperscript{V23}
Jobin, Bernard, \textit{A History of Swiss Watchmaking}, lecture 356\textsuperscript{V23}
Johnson, London, musical bracket clock, stolen 179\textsuperscript{V23}
Jones, Henry/Henricus,\textsuperscript{V23}
- Dutch striking ebony bracket clock, stolen 272\textsuperscript{V23}
- ebony quarter repeat bracket clock 498\textsuperscript{V23}
- month longcase clock ca. 1680 388\textsuperscript{V23}
- monument in St. Dunstan's, Fleet St. 257\textsuperscript{V23}
Jones, James, London, pagoda longcase clock, stolen 273\textsuperscript{V23}
Jones, Martyn, \textit{Barraud}, no. 152 chronometer, letter 79\textsuperscript{V23}
and reply by Cedric Jagger 80\textsuperscript{V23}
Jones, Samuel, Bath, cartel timepiece 263\textsuperscript{V23}
Kahlert, Helmut, book, \textit{Bibliographie zur Schwarzwalduhr}, reviewed by E. J. Tyler 173\textsuperscript{V23}
Keit, Peter, clockmaker, falkirk 158\textsuperscript{V23}
Kelshaw, Richard, watch case maker 347\textsuperscript{V23}
Kienzle Collection, Furtwangen Museum 215\textsuperscript{V23}
Kienzle & Co., bankruptcy 215\textsuperscript{V23}
King, Hilary, \textit{The Marine Chronometers of the Baudin Expedition to Australia} 508\textsuperscript{V23}
Kintzing, Art Deco regulator, Hermitage Museum 56\textsuperscript{V23}
Knibb, John, Oxon, walnut timepiece 480\textsuperscript{V23}
Knibb, Johannes, Oxonia, ebony, gilt mounts 297\textsuperscript{V23}
Knibb, Joseph,\textsuperscript{V23}
- grande sonnerie table clock 5\textsuperscript{V23}
- lantern alarm timepiece 398\textsuperscript{V23}
- longcase clock, ca. 1685, 195\textsuperscript{V23}
- longcase clock, walnut cased 203\textsuperscript{V23}
- pin countwheels, use of 72\textsuperscript{V23}
- skeleton chapter ring bracket clock stolen 10\textsuperscript{V23}
Knibb, Peter, London ca. 1680 3-month longcase clock 485\textsuperscript{V23}
'Knok'\textsuperscript{L\textsuperscript{V23}}
lacquered cases, early 549\textsuperscript{V23}
lantern clocks,\textsuperscript{V23}
- Barrett, John, lantern clock, stolen 272\textsuperscript{V23}
- Knibb, Joseph, lantern alarm timepiece 398\textsuperscript{V23}
Loomes, Thomas, Lothbury, lantern clock, stolen 179\textsuperscript{V23}

Lapaute, Hger du Roi, ormolu mantel clock, stolen 82\textsuperscript{V23}

Laurence, Richard, early Bath maker 264\textsuperscript{V23}

Lautier, Benjamin, early Bath maker 264\textsuperscript{V23}

Layton, Thomas, watch case maker to Ellicotts 430\textsuperscript{V23}

lecture by:

Ainsworth, Gordon, *Restoring a Marquetry Longcase Clock* 161\textsuperscript{V23}

Allix, Charles, & Hurrion, Christopher, *The Life and Work of Paul Garnier* 360\textsuperscript{V23}

Arnfield, Jim, *A Study of British Horology in the Hermitage* 55, 361\textsuperscript{V23}

*Video Presentation: Repeating Watches* 449\textsuperscript{V23}

Baker, Paul, *Lancashire Fusee Engines* 58\textsuperscript{V23}

Betts, Jonathan, *Thomas Earnshaw* 162\textsuperscript{V23}

Bird, Clifford, *Norfolk Clock and Watchmakers* 548\textsuperscript{V23}

Bird, Clifford, et al, *Metamec Clock Company* 547\textsuperscript{V23}

Brodie, Francis, *Horological Lubricants* 251\textsuperscript{V23}

Bryan, Leslie, *Making Clocks* 450\textsuperscript{V23}

Bundock, Mike, *Turret Clocks (Quiz)* 360\textsuperscript{V23}

Byrne, Dr. Fred, *Time, Position and Astronomy* 255\textsuperscript{V23}

Carrington, Roger, *The Role of Insurance Records in Researching Horology* 354\textsuperscript{V23}

Chapelle, Ken, *The Restoration of Clocks Owned by the Scottish National Trust* 547\textsuperscript{V23}

Corry, Bob, *Horological Machining* (demonstration) 546\textsuperscript{V23}

Cowssill, Jim, *Hope-Jones and Bowell* 360\textsuperscript{V23}

Craddock, Paul, *Clocks in the Royal Collection* 159\textsuperscript{V23}

Dareau, M. J., *Etymology of Horological Words* 159\textsuperscript{V23}

*Five Hundred Years of Scottish Clockmaking* 358\textsuperscript{V23}

Davies, Alan C., *A New Look at the Ingold Episode* 60\textsuperscript{V23}

Deignan, Capt. Owen, *Sundials and Lighthouses* 361\textsuperscript{V23}

Donaldson, Colleen, *Gilding* 252\textsuperscript{V23}

Elmers, Chris, *Mr. Oliver's Spencer Street Workshop and Surviving Collections* 55\textsuperscript{V23}

Good, Richard, *Steel Springs for Clocks and watches* 360\textsuperscript{V23}

*Victorian Clocks* 252\textsuperscript{V23}

Griffiths, John, *Early Chronometers* 59\textsuperscript{V23}

*Watches from the Lancashire Collections* 446\textsuperscript{V23}

Harries, David, *Horological Quiz* 255\textsuperscript{V23}

Haward, Peter, *The Al Jazari Water Clocks* 160\textsuperscript{V23}

*The Richard of Wallingford Clock* 250\textsuperscript{V23}

Haycock, Charles, *Horology and Textile Machinery* 359\textsuperscript{V23}

Hutchinson, Beresford, *Observatory Clocks* 360\textsuperscript{V23}

Irvine, Phillip, *Recent Turret Clock Restorations* 58\textsuperscript{V23}

Jobin, Bernard, *A History of Swiss Watchmaking* 356\textsuperscript{V23}

Legg, Michael, *Some Thoughts on Longcase Clock Cases* 548\textsuperscript{V23}

McKay, Chris, *Horological Engravings* 59\textsuperscript{V23}

*Turret Clocks of the James Harrison Family* 449\textsuperscript{V23}

*Turret Clock Illustrations* 62\textsuperscript{V23}

Maltin, Michael, *The Secret Lives of Turret Clocks* 448\textsuperscript{V23}

May, Ian, *Escapement Faults* (demonstration) 360\textsuperscript{V23}

*Forgotten Techniques* 59\textsuperscript{V23}

The Royal Geographical Society's Watches

Mills, Dr. Allan, *The History and Mechanics of the Sandglass*

Mitchell, Arthur, *Time at a Distance*

Smiths - An Overview of their Activities in Electrical Horology

Neale, Jim, *Joseph and Thomas Windmills: Their Works, Associates and Family*

Parkes, Dan, *Early English Clock Mechanisms*

Penney, David, *Horological Ephemera*

Ponsford, Clive, *The Nonsuch Palace Clock and the Salisbury Controversy*

Potts, Michael, *Potts of Leeds, Part 2*

Randall, Anthony, *The Mechanism of H4*

Reynolds, Colin, *The Electrical Horology of Gent & Co*

Robinson, Tom, *A Miscellany of Clocks*

Rose, Ron, *A Complicated Clock*

Routley, Cyril, *Unusual Sundials, Part 2*

Smith, Prof. Alan, *Timekeeping in Manchester*

Smith, Roger, *The Vulliamys: Royal Clockmakers*

Spruce, Phillip, *Horological Patents*

Stevenson, Roger, *Restoration of Antique Watches*

Thompson, David, *Early English Watches*

Torry, P., *An Introduction to Electrical Horology*

Tyler, E. J., *The Study of Horology - One Thing leads to Another*

Warner, John, *Modern Production of Antique-Style Clocks*

Wolfendale, Prof. Sir Arnold, *Time and the Search For Extra-Terrestrial Life*

Wright, Jan, *Post Office Time*

Lee, Nathaniel, watch case maker.

Lee, Nicholson, watch case maker.

Legg, Michael, *Some Thoughts on Longcase Clock Cases*, lecture.

Le Havre Museum, and early voyages to Australia

Lemaire, ormolu mantel clock, stolen

Leopold II, Emperor, and Bohemia Scientific Society

Lepine, Jean-Antoine, early lever escapements by

Leroux, John, improvements to lever escapement

Le Roy, invention of lever escapement by

Le Roy, Julien, tortoiseshell & ormolu table clock

Letters and Research Requests (rr), letters indexed by author; research requests by subject,

Allix, Charles, *Horological Tools*

Atkinson H. F., *Dental and Horological Tools*, and reply by Paul Baker

Bacon, D. H., *Watch Production in England*

Bain, Charles Aked (rr)

Behrens, Hans, *Horological Museums in France and Switzerland*

Bettinson, Solomon, H. F. Watson (rr)

Bodenheimer, Werner, *Scottish Section Exhibition*

Breachin, Charles Aked (rr)

Brusa, Giuseppa, *Emery's Levers*, and reply by Jonathan Betts

Caledonian, The (trade mark), E. J. Tyler (rr)

Clowes, Ian Robert Dunn (rr)

Court, Ian Robert Dunn (rr)

Daniels, George, *Longitude*, and reply by J. A. Bennett

Mudge, Emery and the Lever Escapement, and reply by Paul Tuck
Levy, R. & Co., railway clocks 340v23
Lighthouses, and sundials 361v23
Lip, Fred, obituary 404v23
Lister, Thomas (senior), 30-hour 360v23
Litherland Davies & Co skeleton clock 191v23
Liverpool Watch Case Makers, Some Account of, by D. S. Moore and P. T. Priestly 341v23
Loffler, Andreas, Black Forest clockmaker, book on the letters of 365v23
Lon, James, Arbroath, longcase clock, stolen 470v23
London Corresponding Society, 1792 535v23
longcase clocks, v23

Adams, Middlewich, centre seconds, stolen 373v23
Bennett, Mansell, pagoda top, stolen 82v23
Cattell, William, month marquetry 392v23
Clinton, Richard, Eccleshall, stolen 273v23
Cowell, John, with barometer, auction 419v23
Crighton, Walter, Haddington, stolen 470v23
Dwerrihouse & Carter, stolen 179v23
Ellicott, Pennsylvania, early American 262v23
Fromanteel, Ahasuerus, ebonised boxwood, ca. 1665 487v23
486v23
Gardner & Son, Glasgow, stolen 373v23
Gould, Christopher, ca.1695 97v23
Graham, George, v23
no. 666 280v23
no. 679, burr walnut 298v23
Harman, ahorsham, 30-hour birdcage movement 359v23
Herbert, Cornilius, pagoda top, stolen 82v23
Herval, Peter, pagoda top, stolen 82v23
Holland, Louth, 30-hour birdcage movement 359v23
Hulfe, Ralph, stolen 179v23
Hutchinson, Worksop, stolen 180v23
Jones, James, London, pagoda, stolen 273v23
Knibb, Joseph, v23
ca. 1685, walnut cased 195v23
203v23
Knibb, Peter, London ca. 1680 3-month 485\textsuperscript{V23}
Lister, Thomas (senior), 30-hour 360\textsuperscript{V23}
Lon, James, Arbroath, stolen 470\textsuperscript{V23}
Lowly, Aberford, unusual 8-day 359\textsuperscript{V23}
McCabe, James, mahogany 289\textsuperscript{V23}
Newton, Thomas, Hexham, stolen 180\textsuperscript{V23}
Ogden, Thomas, 30-hour with Halifax moon 360\textsuperscript{V23}
Pearson, Isaac, early American 262\textsuperscript{V23}
Ray, Daniel, japanned, stolen 273\textsuperscript{V23}
Rickart, Exeter, tidal dial, stolen 565\textsuperscript{V23}
Rittenhouse, David, early American 262\textsuperscript{V23}
Roberts, Samuel, 30-hour 360\textsuperscript{V23}
Rodgers, Paul, Maine, early American 263\textsuperscript{V23}
Rough, Dundee, stolen 179\textsuperscript{V23}
Smith, Benjamin, Alfreton, stolen 565\textsuperscript{V23}
Snow, William, 30-hour skeleton movement 359\textsuperscript{V23}
Street, Richard, made for Sir Isaac Newton 360\textsuperscript{V23}
Stretch, Peter, early American 262\textsuperscript{V23}
Terry, Eli, early American 263\textsuperscript{V23}
Thomas, Holywell, oak, stolen 470\textsuperscript{V23}
Tompion, no 266 month going, mulberry wood 20\textsuperscript{V23}
Voyce family, clocks by 359, 404\textsuperscript{V23}
Vulliamy, no. 207, mahogany 385\textsuperscript{V23}

Longitude, \textsuperscript{V23}

The Quest for Longitude, (Andrewes), reviewed 451\textsuperscript{V23}
letter by Daniels, George, 558\textsuperscript{V23}
and reply by J. A. Bennett 559\textsuperscript{V23}
letter by Hastings, Peter R., 558\textsuperscript{V23}
and reply by J. A. Bennett 559\textsuperscript{V23}

Longitude: the True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time, (Sobel), reviewed, 363\textsuperscript{V23}
Loomes, Thomas, Lothbury, lantern clock, stolen 179\textsuperscript{V23}
Losada, J. R., musical skeleton clock, auction 420\textsuperscript{V23}
Louis XVI, Emery Lever watches for 31\textsuperscript{V23}
Low, Thomas, Dundee, unusual timer 79\textsuperscript{V23}
Lowndes, Jonathan, ebonised bracket clock ca. 1680 388\textsuperscript{V23}
Lowly, Aberford, unusual 8-day 359\textsuperscript{V23}
lubricants: Picard's, Cuyper's, WD 40 251\textsuperscript{V23}
McCabe, James, mahogany longcase clock 289\textsuperscript{V23}
Macklin, James, watch case maker to Ellicotts\textsuperscript{V23}
Maddock, Edward, watch case maker 350\textsuperscript{V23}
Maddock, George, watch case maker 351\textsuperscript{V23}
Maddock, William, watch case maker 351\textsuperscript{V23}
Magnin, Etienne, marine chronometer 1, 52\textsuperscript{V23}
Mahogany clock cases, early 549\textsuperscript{V23}
Maltin, Michael, The Secret Lives of Turret Clocks, lecture 448\textsuperscript{V23}
Manly, Henry, watch case maker to Ellicotts 432\textsuperscript{V23}
Mantel clocks, V23

- Cronier, eleve de Robin, regulator, auction 423\textsuperscript{V23}
- Deletres, Paris, Bouille, stolen 180\textsuperscript{V23}
- Lapauze, Hger du Roi, ormolu, stolen 82\textsuperscript{V23}
- Lemaire, ormolu, stolen 469\textsuperscript{V23}
- Raingo Frères, no. 1341, stolen 82\textsuperscript{V23}

Manton, Joseph,\textsuperscript{V23}

- his 'in Vacuo' chronometer 165\textsuperscript{V23}
- tests on chronometers in vacuum 165\textsuperscript{V23}

Marine chronometer, see chronometer V23

Martin, Benjamin, horizontal sundial, stolen 273\textsuperscript{V23}

Martin, Johann, Augsburg, heart shape enamel watch 396\textsuperscript{V23}

Martinet, London, elephant automaton clock 94\textsuperscript{V23}

Martinot, Baltazar, pendule religieuse 283\textsuperscript{V23}

Mason, Charles, Canterbury Station clock 334\textsuperscript{V23}

Mass Dials in Somerset 214\textsuperscript{V23}

May, Ian,\textsuperscript{V23}

- Escapement Faults (demonstration) 360\textsuperscript{V23}
- Forgotten Techniques, lecture 59\textsuperscript{V23}

May, John, enamel watch ca. 1700 396\textsuperscript{V23}

M'Bell, Sydney Clock Museum, Australia 505\textsuperscript{V23}

Mestayer, gold, enamel & fish skin watch 21\textsuperscript{V23}

Metayer, Amsterdam, watchcase maker 2\textsuperscript{V23}

Midleton, Viscount,\textsuperscript{V23}

- The Rise of American Watchmaking, and the Decline of English, lecture 357\textsuperscript{V23}
- The Royal Geographical Society's Watches, lecture 360\textsuperscript{V23}

Mills, Dr. Allan, lecture, The History and Mechanics of the Sandglass 448\textsuperscript{V23}

Mitchell, Arthur,\textsuperscript{V23}

- Smiths - An Overview of their Activities\textsuperscript{V23}
  - in Electrical Horology, lecture 363\textsuperscript{V23}
- Time at a Distance, lecture 59\textsuperscript{V23}

Mitchell family, Glasgow 236\textsuperscript{V23}

Monkhouse, John, fruitwood bracket clock stolen 10\textsuperscript{V23}

Moore, D. S. & Preistley, P. T., Some Account of Liverpool Watch Case Makers 1785-1798 341\textsuperscript{V23}

Moore, Henry, sundial in the style of, stolen 180\textsuperscript{V23}

Moore & Sons, musical skeleton clock 493\textsuperscript{V23}

Moser, George M, watch case maker to Ellicotts 432\textsuperscript{V23}

Mudge, Thomas,\textsuperscript{V23}

- and Emery's lever escapement 26\textsuperscript{V23}
- grande sonnerie watch no. 366 112\textsuperscript{V23}
- marine chronometer no. 3 (Howells & Pennington) 380\textsuperscript{V23}
- Mudge, Emery and the Lever Escapement, letter and reply by Paul Tuck 460\textsuperscript{V23}

Mudge & Dutton, calendar regulator no. 58, auction 420\textsuperscript{V23}

Muhe, Richard, Furtwangen Museum, obituary 212\textsuperscript{V23}

Murray, James I,\textsuperscript{V23}

- chronometers, V23
- Australian Coastal Survey 234\textsuperscript{V23}
- Darwin's *Beagle* voyage 234\textsuperscript{V23}
- Falmouth, longitude of 233\textsuperscript{V23}
- Parry's Nort-West Passage expedition 234\textsuperscript{V23}
- Weddell's Antarctic voyage 234\textsuperscript{V23}

Murray, James, Horologist of Distinction,\textsuperscript{V23}

- London and Calcutta, by Geoff Crabtree 233\textsuperscript{V23}
- Murray, James, letter by Whyte, Philip, 372\textsuperscript{V23}
Murray, James II 236
Murray, John 236
Museums, V23

Behrens, Hans, *Horological Museums in France and Switzerland*, letter 468

Birmingham Museum 161
British Museum 547
Brodie Castle colln 547
Burrell Cooln 547
Bury St Edmunds 160
Callendar House, Falkirk 158
Dean Heritage Centre, (Voyce clocks) 404
Furtwangen Museum, V23
Kienzle Collection, Furtwangen Museum 213
Richard Muhe, obituary 212
Hermitage, Leningrad 56
Hermitage: e-mail address for clocks 299
Le Havre Museum, and early voyages to Australia 509
Melbourne Clock Museum, Australia 505
Mount Stuart House, Isle of Bute 447
NAWCC Museum expansion 215, 304
Oxford Museum of the History of Science expansion 25
Prescot Museum, Aspinall watches at 213
Science Museum Reserve Collection 355
Sternbeck Castle Clock Museum, Czech Republic 413
Swiss Horological Museums, Tour of 102

Musical Box, The, Orde-Hume book, reviewed 74

Nardine, Ulysse, V23

Antiquorum exhibition, Geneva October 1996 19
astronomical etc pocket chronometer 19
minute repeat chronograph, Chicago Exhibition 19
tourbillon pocket chronometer 19

National Monuments Society 536
NAWCC Museum expansion 215, 304
NAWCC turret clock design competition 304
Neale, F. W., railway clocks 340

Neale, Jim, *Joseph and Thomas Windmills*: V23

Nelson, Admiral Horatio, V23

Emery watch belonging to Nelson, Samuel, watch case maker, 35
visit to Matthew Boulton’s Soho factory 143
Newton, Thomas, Hexham, longcase clock, stolen 180
Nightingale, London, bell top bracket clock, stolen 272
Nixseaman, A. J., turret clock researcher 56
Nomenclature, horological, ‘knok’ and ‘munter’ 159

Northallerton Clocks, D. F. Severs research request, and reply by E. J. Tyler 270

Oakes, James, clock dealer, biographical note on 261
Oakley, William, ref E. Pitcher & Co. 152
obituary, V23

Jim Cowsill 504 V23
Basil Dumont 404 V23
Louis Essen 505 V23
Henry B. Fried 212 V23
Fred Lip 404 V23
Rod Webster (Adler Planetarium, Chicago) 549 V23

Ogden, Thomas, 30-hour with Halifax moon 360 V23


Orme, John, clock case maker 549 V23
Osborne, Clive, *Osborne's National Index*, letter 562 V23
*Osborne's National Index*, letter by Osborne, Clive, 562 V23
Orry a Paris, quarter strike table clock, auction 428 V23

Oxford Museum of the History of Science, expansion 25 V23

Pacquet a Paris, Boulle bracket clock, stolen 82 V23
Pain, John Terril, watch case maker to Ellicotts 430 V23
Pannell family, clockmakers - research request 178 V23
Parkes, Dan, *Early English Clock Mechanisms*, lecture 444 V23


Patek Phillipe, calendar & noonphase wristwatch 21 V23
Payne, Bond St., quarter-strike carriage clock 17 V23
Payne & James, Bath, mahogany bracket clock 101 V23
Pearson, Isaac, early American longcase by 262 V23
Pendleton, Richard, and early lever escapements 30 V23
Pendulum, compound, Berthoud type 422 V23

Penney, David, V23

*Horological Ephemera*, lecture 161 V23
*Equation Tables*, research request 178 V23

Perigal, mahogany balloon clock, stolen 272 V23
Perouse, J. F. la, navigator, chronometers used by 31 V23
Perrin, John, servant to Emery 230 V23
Pfaff, Augsburg, automata lion clock, auction 424 V23
Pierrepoint, watch case maker 350 V23

Pin countwheel striking 71 V23
Pinchbeck, quarter repeat bracket clock stolen 10 V23
*Pingo*, Christopher Eimer research request 178 V23
Pitcher, E. & Co. 151 V23
Pitcher, Harvey, *E. Pitcher & Co (1880-1973)* 151 V23
Pittonet, David, and Emery 230 V23

Plowman, John, *Experts and Collectors: Percy Webster, James Oakes* 260 V23

Polishing 57 V23

Porugese horology, book on 174 V23
Post Office clocks numbering system research project 164 V23
Potts of Leeds turret clocks 448 V23
Potts, Michael, *Potts of Leeds, Part 2*, lecture 362, 448 V23
Pouzait, J.-M., invention of lever escapement by 32 V23
Prague, V23

astronomical town clock 407, 507 V23
list of early clockmakers in 416 V23
*Prague, Clockmaking in*, by Jaroslav Falta 405 V23

*Preacher's Dials*, Clifford Bird research request 179 V23
and reply by E. J. Tyler 270 V23
Prevost, London, quarter repeat bracket clock with Channon gilt mounts

Priestley, Philip, *Ellicott's Watch Case Makers*, letter

Priestley, P. T. & Moore, D. S., *Some Account of Liverpool Watch Case Makers 1785-1798*

Pyke, Joseph, railway clocks

Q

'Q' value of regulator

Quare, Daniel

Bracket clock, ebonised, stolen

Bracket clock no. 44, stolen

Bracket clock no. 294, quarter repeater

Solar clock for Spanish Court

Solar/siderial double clock at Greenwich

Quiz, horological, run by David Harries

Turret clocks, run by Mike Bundock

Railway Clocks, British, Part II, by D. R. Parr

Raingo Frères, no. 1341 mantel clock, stolen

Randall, Anthony, *The Mechanism of H4*, lecture

Ray, Daniel, japanned longcase clock, stolen

Regulator

Barometric error of

Brock, 5-leg gravity escapement

Congreve & Moxon, skeleton table

Cronier, eleve de Robin, mantel, auction

Delunyes, Paris, equation, auction

Detouche, electric, Houdin's patent, auction

Ellicot, temperature compensated, auction

Fertbauer, Vienna regulator ca. 1800

Frodsham, Charles, no. 1271, wall

Kintzing, Art Deco, Hermitage Museum

Mudge & Dutton, calendar, no. 58, auction

'Q' value of

Regulator, precision, German anon.

Richie, David, with his compensation

Riefler, Clemens, no. 368, type D

Shelton, John, Hermitage Museum

Stewart, A. D., *The performance of a Victorian Dead-Beat Regulator by Richard Webster*

Temperature error of

Webster, Richard, *Performance of Regulator by*, by A. D. Stewart

Reith, James, 3-train bracket clock, auction

Renault, Jean Baptiste, artist

Restoration

Chapelle, Ken, *The Restoration of Clocks Owned by the National Trust*, lecture

Irvine, Phillip, *Recent Turret Clock Restorations*, lecture

Stevenson, Roger, *Restoration of Antique Watches*

Reynolds, Colin, *The Electrical Horology of Gent & Co*, lecture

Richards, James, watch case maker

Richie, David, regulator with his compensation

Rickart, Exeter, tidal dial longcase clock, stolen

Rickman, W., walnut bracket clock, stolen

Riddlesden, William, mainspring maker

Riefler, Clemens, no. 368, type D regulator

Rigby, Henry, watch case maker
Rittenhouse, David, early American longcase by 262
Roberts, Samuel, 30-hour 360
Robey, John A., Samuel Deacon Numbers, research request 372
Pin Countwheels 71
Robin, Robert, and Emery Lever watches 31
Robinette, John, A Clock made by Richard Street for Sir Isaac Newton, lecture 360
Robinson, Tom, A Miscellany of Clocks, lecture 163
Rock crystal watch anon French ca 1630 202
Rodgers, Paul, Maine, early American longcase by 263
Roentgen & Kinzing, Apollo organ & zither clock 491
Roller bearings, in early English clocks 444
Rose, Harold, miniature carriage clock collection 153
Robin, Robert, and Emery Lever watches 57
Rough, Dundee, longcase clock, stolen 179
Routledge, railway clockmaker 325
Routley, Cyril, Unusual Sundials, Part 2, lecture 254
Rowley & Co, clockmakers 252
Russel, John, clockmaker, Falkirk 158
Sabrier, Jean-Claude, Institut L’Homme et Le Temps award 505
Saint, Jean, watchcase maker 2
Salisbury, Red Lion Hotel, musical clock 548
Sanderson, Deborah, wife of John Ellicott junior 306
Schaaff, Berthold, book, Schwarzwalduhren, reviewed by E. J. Tyler 459
Schild, A., and early automatic wristwatches 550
Scott Monument skeleton Clock 161
Shelton, John, regulator, Hermitage Museum 56
Sherring, Stephen, mahogany bracket clock, stolen 565
Skeleton clock, Brighton Pavilion design 293
Condliffe, James, musical 392
Congreve & Moxon, skeleton table regulator 9
Litherland Davies & Co 191
Losada, J. R., musical, auction 420
Moore & Sons, musical 493
Scott Monument 161
skeleton 30-hour movement by William Snow 359
skeletonised verge watch by Robert Dovers, Bath 264
Smallwood, John, bracket clock backplate 258
Smith, Prof. Alan, Timekeeping in Manchester, lecture 358
Smith, Benjamin, Alfreton, longcase clock, stolen 565
Smith, Gabriel, watch maker 349, 353
Smith, John & Sons, railway clocks 325
Smith, Roger, Fire at Thwaites, from 1764 press report 173
The Vulliamys: Royal Clockmakers, lecture 157
Smith, S., & Son, Karrusel lever watch 382
Snow, William, 30-hour skeleton movement 359

solar time clocks, 164

Dutton, London, solar & meantime clock 164
Giroust, Alexander 163
Houlden, John, Kendal 163
Quare, solar clock for Spanish Court 163
Williamson, Joseph 163

Somerset makers, Hobbs’ list of, unpublished 264

Spanish horology, book on 174
Spruce, Phillip, *Horological Patents*, lecture 254

Steels, composition of 57
Stephenson, Samuel, marquetry longcase clock, stolen 565
Sternbeck Castle Clock Museum, Czech Republic 413
Stetter, John, watch case maker, 352
Stevenson, Roger, *Restoration of Antique Watches*, lecture 56

Spruce, Phillip, *Horological Patents*, lecture 254

Streeter, E. W. & Co., railway clocks 340

Stretch, Peter, early American longcase by 262

Sundials, 254

Allen, Elias, 1634, octagonal sundial, stolen 565
Deignan, Capt. Owen, 123
*Sundials and Lighthouses*, lecture 361
Hersh, Sally, Sundial Award to 24
Irish clocks sundials 361
Martin, Benjamin, horizontal sundial, stolen 273
Moore, Henry, sundial in the style of, stolen 180
Routley, Cyril, *Unusual Sundials, Part 2*, lecture 254
Swan Hunter shipyard, sundial at 214
Sykes, W. R., railway clocks 340

T

Tasmanian coast, survey of 508
Taylor, James, partner of Ellicott 307
Taylor, John, early Bath maker 264
Taylor, Petworth, pine 30-hour longcase, stolen 273
Taylor’s lever escapement, see Ellicott watch no. 9927

Taxation aspects of clock and watch collecting: 254

tax exemption for horological items 67
list of tax exempt items open to public view 68
1797 Tax on Clocks and Watches 170

Teague, Henry, watch case maker to Ellicotts 429
Temperature compensation, Ellicott’s 321
Temperature compensation via suspension spring 423
Temperature error of regulator 244
Terry, Eli, early American longcase by 263
Thomas, Holywell, oak longcase clock, stolen 470
Thompson, David, 223
Early English Watches, lecture 159
The Watches of Ellicot of London: Part 1 306
The Watches of Ellicot of London: Part 2 429
Tour of Swiss Horological Museums 102
Threakstone, Lydia, (Mrs Earnshaw) 163
Thwaites, 1764 fire at, contemporary report 172
Thwaites & Reed, history of 545
Timer, A Mystery, letter by Houseago, John, 79
Timer, A Mystery, letter by Wood, Christopher 79
Tissington Hall, Whitehurst turret clock at 72
Tombstones, horological inscriptions on 168
Tomes, Patricia A., book, American Masterpieces, Tall Case Clocks of the Eighteenth Century, reviewed by Tom Robinson 262
Tompion, bracket clocks
- ebony bracket clock, Dutch striking, auction 427
- no. 99, ebonised strike & repeat 92
- no. 108, ebony quarter repeat timepiece 107
- no. 171 quarter repeat 38
- no. 300 grande sonnerie clock, auction 426
- no. 343 ebony, auction 427
- no. 377, ebony quarter repeat 107
grande sonnerie, silver mounts 285
Tompion, longcase clock
- no 266 month going, mulberry wood 20
Tompion & Graham no. 545 bracket repeater, auction, tools
books in AHS library 544
Fusee engines by: Braunhofer, Greuz, Griffiths, LWC, Wheeler, Wyke & Green 59
Engraving; Thomas Bewick 59
Tools, Dental and Horological, letter by Atkinson H. F., 467
and reply by Paul Baker 467
Tools, Horological, letter by Charles Allix 563
Torry, P., An Introduction to Electrical Horology, lecture 253
travelling alarm, early English 95
Tribe, T., Dorset Clockmaking and the 'Tribe', research request 372
Tuck, Paul, Emery - additional information, letter 368
and reply by Jonathan Betts 370
Mudge, Emery and the Lever Escapement, letter 466
Horology Under the Hammer, Clocks at Auction 418
Watches at Auction, Part 2 45
Tunnel, John, mahogany bracket clock, stolen 469
Turkish market watch, gold quarter repeat turret clock, NAWCC design competition 304
Turret Clocks, Guidelines for their maintenance and repair and for the installation of automatic winders, CCC booklet, reviewed 74
Turret clocks at:
- Alkborough 450
- Ascombe 448
- Birmingham Council House 161
- Bristol, Farleigh Hospital, stolen 82
- Coniston Cold 450
Turret clocks by:

Condliffe, J., Winstanley Hall
Davis, John, Windsor, at Brasted Place
Gillett, Birmingham Council House
Harrison, James III, his gravity escapement
Holmes, Greenwich Royal Naval College
Potts
Potts, Leyland Motors
Street, at Osterley Park

Tyler, E. J.,

Caledonian, The, (trade mark), research request
Northallerton Clocks, and Preacher's Dials, letter
The Study of Horology - One Thing leads to Another, lecture

Upjohn, London, watch in gold and ivory fan
Vacheron Constantin perpetual calendar chronograph
Vallin, Nicholas, gilt metal table clock, Graham movement, auction
Vellauer, Vienna, bracket clock, veneered cases, early
Verite, constant force escapement
Vienna clocks, exhibition Sept-Oct 1996
Vigne, Peter, early Bath maker
Voyce clocks at Dean Heritage Centre
Voyce family, clocks by
Vulliamy,

no. 207, mahogany longcase clock
no. 981, library alarm timepiece
no. 1042, rosewood carriage clock, stolen
Vulliamy, B. L., rosewood alarm, auction
Vulliay, J., bracket repeat timepiece, auction
Wady, John, 6-bells repeater bracket clock, stolen
Wagstaffe, Thomas, quarter chime bracket clock
Walker, C. V., and railway timekeeping
Walker, John, railway clockmaker
Walker, Valentine, watch case maker to Ellicotts
Warner, John, Modern Production of Antique-Style Clocks, lecture

Watch, ebauches
Hasler's patent to prevent overwinding
Liverpool Watch case makers
Birmingham Assay Office records
Chester Assay Office records now at Birmingham
dating by hallmarks
Plate Duty Act
watch production, English 1870 - 1930, 117\textsuperscript{V23}
Anglo-American Watch Company 120\textsuperscript{V23}
Benson, J. W. 127\textsuperscript{V23}
British Watch Company 123\textsuperscript{V23}
Dennison, A. L. 120\textsuperscript{V23}
Dent & Co., 1837, statistics 172\textsuperscript{V23}
Ehrhardt, William 122\textsuperscript{V23}
English Watch Manufacturing Company 120\textsuperscript{V23}
Huckle, A. J. 118\textsuperscript{V23}
Hunt & Roskell 127\textsuperscript{V23}
Lancashire Watch Company 118\textsuperscript{V23}
Rotherham & Sons 125\textsuperscript{V23}
Samuel, H. 122\textsuperscript{V23}
Williamson, H., Ltd. 120, 130\textsuperscript{V23}
Wyherley, John 118\textsuperscript{V23}

Watch by, \textsuperscript{V23}
Allam, Robert, in jewelled cabinet case, auction 47\textsuperscript{V23}
Anthony, William, oval case, auction 49\textsuperscript{V23}
Aspinall 446\textsuperscript{V23}
Ceulen, Johannes van, crucifix, auction 51\textsuperscript{V23}
Channel, London, musical, auction 46\textsuperscript{V23}
Charton, John, silver movement, auction 45\textsuperscript{V23}
Cole, J. F., complex precision, auction 49\textsuperscript{V23}
Cox, James, auction 47, 48\textsuperscript{V23}
Delaftors see Gray & Constable\textsuperscript{V23}
Duvel et Mathieu a Rouen, self-wind, auction 51\textsuperscript{V23}
Gorlay, Hector 162\textsuperscript{V23}
Gorsuch, Shrewsbury 446\textsuperscript{V23}
Gough, London, oval 8-day 446\textsuperscript{V23}
Graham, no. 32, centre seconds, auction 52, 53\textsuperscript{V23}
no. 696, auction 47\textsuperscript{V23}
Grant, no. 2284, precision, auction 49\textsuperscript{V23}
Gray & Constable, facettied steel case, auction 48\textsuperscript{V23}
Hindley, ex Mudge, auction 47\textsuperscript{V23}
Howells & Pennington no. 3, precision, auction 49\textsuperscript{V23}
Peffenhauser, Augsburg, auction 51\textsuperscript{V23}
Piguet et Meylan, musical, auction 53\textsuperscript{V23}
Quare, no. 4108, early white enamel dial, auction 46\textsuperscript{V23}
W.M., initials of watch case maker 431\textsuperscript{V23}

Water clock by Al Jazari, Haward, P, lecture 160\textsuperscript{V23}
Waters, Benjamin, early Bath maker 264\textsuperscript{V23}
Watson, H. F. Solomon Bettinson, research request 271\textsuperscript{V23}
Watts, Richard, apprenticed to Foggo 535\textsuperscript{V23}
Webster, Percy, biographical notes on 260\textsuperscript{V23}
\textit{Webster, Richard, Performance of Regulator} by, by A. D. Stewart 241\textsuperscript{V23}
Webster, Richard, small mahogany bracket timepiece 105\textsuperscript{V23}
Webster, William, 6-bells bracket clock, stolen 565\textsuperscript{V23}
Weidenheimer, Joseph, astronomical table clock, 1791 478\textsuperscript{V23}
White, Ian, book, \textit{Watch and Clockmakers in the City of Bath, a History to the end of the Nineteenth Century}, reviewed by Clive Ponsford 263\textsuperscript{V23}
Whitehurst, John, \textsuperscript{V23}
and pin countwheels 71\textsuperscript{V23}
turret clock at Tissington Hall 72\textsuperscript{V23}
Whitehurst & Son, ebonised bracket clock, stolen 469\textsuperscript{V23}
Whyte, Philip, \textit{James Murray}, letter 372\textsuperscript{V23}
<table>
<thead>
<tr>
<th>Name</th>
<th>Item Description</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wignall, Ormskirk,</td>
<td>moonphase bracket clock, stolen</td>
<td>82, 179</td>
</tr>
<tr>
<td>Williamson, Joseph,</td>
<td>solar clockmaker</td>
<td>163</td>
</tr>
<tr>
<td>Windmills, Joseph,</td>
<td>bracket clocks, Lacquered 6-bells stolen</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Lacquered quarter strike, turntable base</td>
<td>110</td>
</tr>
<tr>
<td>Windmills, Joseph,</td>
<td>bracket clocks, Lacquered 6-bells stolen</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Lacquered quarter strike, turntable base</td>
<td>110</td>
</tr>
<tr>
<td>Winroe, London,</td>
<td>double organ clock, Hermitage Museum</td>
<td>56</td>
</tr>
<tr>
<td>Winterton, J.</td>
<td>Grande Sonnerie Public Clocks, research request</td>
<td>563</td>
</tr>
<tr>
<td>Wolfendale, Prof.</td>
<td>Sir Arnold, lectures, Time and the Search For Extra-Terrestrial Life</td>
<td>445</td>
</tr>
<tr>
<td>Wood, Christopher,</td>
<td>Manton's 'In Vacuo' Chronometers</td>
<td>165</td>
</tr>
<tr>
<td></td>
<td>A Mystery Timer, letter</td>
<td>79</td>
</tr>
<tr>
<td>Wright, Jan,</td>
<td>Post Office Time, lecture</td>
<td>164</td>
</tr>
<tr>
<td>Wright, Richard,</td>
<td>and Ellicott</td>
<td>311</td>
</tr>
<tr>
<td>Wright &amp; Thorpe,</td>
<td>3-train bracket clock</td>
<td>205</td>
</tr>
<tr>
<td>Wristwatches, Early</td>
<td>Automatic, by Michael Gibbons</td>
<td>550</td>
</tr>
<tr>
<td>Wyke, John,</td>
<td>toolmaker</td>
<td>346</td>
</tr>
<tr>
<td>Young, James,</td>
<td>Perth</td>
<td>233</td>
</tr>
<tr>
<td>Young, Henry,</td>
<td>6-bell repeater bracket clock, stolen</td>
<td>470</td>
</tr>
<tr>
<td>Zach, Baron Xavier</td>
<td>and Emery lever</td>
<td>33</td>
</tr>
<tr>
<td>Zeeman, J.,</td>
<td>book, De Nederlandse Staande Klok, reviewed by E. J. Tyler</td>
<td>364</td>
</tr>
</tbody>
</table>
THE ANTIQUARIAN HOROLOGICAL SOCIETY
(A company limited by guarantee)

Members of Council and Officers as at Winter 1997

President: SIR ARNOLD WOLFENDALE, FRS.
Vice-Presidents: C. K. AKED; R. J. LAW; T. O. ROBINSON; M. M. SMITH.

Members of Council: C. R. P. ALLIX; J. ARNFIELD; C. BIRD; M. BUNDOCK; J. HURRION (co-opted); M. G. HURST; J. H. LEOPOLD; Mrs R. SHENTON (Chairman); W. K. SHENTON; A. A. TREHERNE; J. H. F. WADSWORTH; A. H. WEAVING.

Secretary: Mrs P. HOSSBACH.
Editor Antiquarian Horology: Dr D. VAUGHAN.
Editorial Advisory Panel: C. R. P. ALLIX; M. G. HURST; R. J. LAW.

Technical Enquiries Officer: J. H. F. WADSWORTH.

Advertising Agents: Mrs P. LAW.

Solicitors: STUART, HURRION and Co, 148 Park View Road, Welling, Kent DA16 1SS.

Auditors: ROBERTS & Co, Suite 3, Ivyholme, Station Road, Heathfield, East Sussex TN21 8LB.

Hon Librarian: A. MITCHELL.

SCOTTISH SECTION Chairman: Dr M. DAREAU. Hon. Secretary: N. NIBLOCK. Hon. Treasurer: J. J. MACONOCHIJ.
NORTHERN SECTION Chairman: P. G. TORRY. Hon. Secretary: W. SUMNER. Hon. Treasurer: H. GLAUSER.

MIDLANDS SECTION Chairman: B. SPARKS. Hon. Secretary: C. SPILLER. Hon. Treasurer: P. SPRUCE.

EAST ANGLIAN SECTION Chairman: C. BIRD. Hon. Secretary: R. H. A. MILES. Hon. Treasurer: 5. W. WATKINSON.

SOUTH EASTERN SECTION Chairman: A. WEAVING. Hon. Secretary: MRS S. KNIGHT. Hon. Treasurer: K. SORRILL.

SOUTHERN SECTION Chairman: T. O. ROBINSON. Hon. Secretary: W. K. SHENTON. Hon. Treasurer: D. A. SMITH.

WEST COUNTRY SECTION Chairman: T. TAYLOR. Hon. Secretary: C. PONSFORD. Hon. Treasurer: G. REDDYHOFF.

ULSTER SECTION Chairman: Dr A. C. DAVIES. Hon. Secretary & Hon. Treasurer: H. W. M. GILMORE.

IRISH SECTION Chairman: J. ENNIS. Hon. Secretary: F. CROWLEY.

AMERICAN SECTION President: J. W. SHEPRO. Secretary/Treasurer: L. R. SIMON.

London Liaison Officer: G. MARSH.

DUTCH SECTION Chairman: J. ZEEMAN. Hon. Secretary: C. HOFLAND. Hon. Treasurer: N. PAAP.

CANADIAN SECTION Chairman: C. MURRAY. Hon. Secretary: Prof. J. GANCZARCZYK. Hon. Treasurer: P. BUCKLE.

TURRET CLOCK GROUP Chairman: C. G. McKay. Hon. Secretary: M. BUNDOCK. Hon. Treasurer: G. HOLLIS.

ELECTRICAL HOROLOGY GROUP Chairman: D. A. BATEMAN. Hon. Secretary: J. NYE. Hon. Treasurer: Mrs A. COWSILL.

for the AHS by Thanet Telen Printing, 65-67 John Wilson Business Park, Thanet Way, Whitstable, Kent CT5 3QT
INDEX for VOLUME XXIV SPRING 1998 to SUMMER 1999
VOLUME TWENTY FOUR

PAGINATION OF ISSUES
Issue Number One  Spring 1998  1 - 92
Issue Number Two  Summer 1998  93 - 180
Issue Number Three  Autumn 1998  181 - 280
Issue Number Four  Winter 1998  281 - 388
Issue Number Five  Spring 1999  389 - 496
Issue Number Six  Summer 1999  497 - 604
Index  604 - XXX

A List of Articles
The Double Clocks by Daniel Quare by Jonathan Betts 30 - 36\textsuperscript{V24}
A New Method of Examining the Profiles of Watch Gear Teeth by Paul H. J. Baker 36 - 41\textsuperscript{V24}
The Transmission of Time by Wireless by David Read 42 - 46\textsuperscript{V24}
The Great Lantern Clock from Sutton Court by David Evans 47 - 54\textsuperscript{V24}
Surviving Marine Chronometers by Louis Berthoud by Hilary King 119 - 121\textsuperscript{V24}
William Bowyer Great Clock Maker by John Hooper 122 - 133\textsuperscript{V24}
A Proposal for the Striking Mechanism of the Wallingford Clock by Daryl Bender 134 - 140\textsuperscript{V24}
Watchman's Clocks by Alfred Thomas 141 - 146\textsuperscript{V24}
A Bell Ringer's Clock by Michael Grange 210 - 216\textsuperscript{V24}
A Proposal for the Eclipse Mechanism on the Wallingford Clock by Daryl Bender 217 - 224\textsuperscript{V24}
Henry Harper or Harpur 1642-1708 by Selby Whittingham 225 - 228\textsuperscript{V24}
Archibald Miller Clockmaker and the Hammermen of Glasgow by Trevor Waddington 229 - 233\textsuperscript{V24}
The Determination of the Difference in Meridians of the Paris and Greenwich Observatories by Christopher Wood 234 - 239\textsuperscript{V24}
The Determination of the Difference in Meridians of the Paris and Greenwich Observatories by Christopher Wood 234 - 239\textsuperscript{V24}
List of Articles, The Watches of Barwise of London by David Thompson 240 - 243\textsuperscript{V24}
Time and the BBC by Geoffrey Goodship 307 - 314\textsuperscript{V24}
Pierre Le Roy's Watches 'For the Use of Astronomers and Seamen by Jean-Claude Sabrier 315 - 325\textsuperscript{V24}
Josiah Emery's First Lever Watch No.661 by Jonathan Betts 326 - 331\textsuperscript{V24}
The Tompion's Clocks At Northill and Ickwell a Reappraisal by Chris Pickford 332 - 344\textsuperscript{V24}
The Archer Family of Clockmakers by Barnaby Smith 345 - 352\textsuperscript{V24}
The Devil Tavern Group an Eighteenth Century Horological Trade Association By Roger Smith 427 - 431\textsuperscript{V24}
The First Steps of the Pendulum as a Timekeeper by R. D. Dobson and R. J. C. Dobson 432 - 441\textsuperscript{V24}
Horology Under the Hammer Watches At Auction 1996-98 by Paul Tuck 442 - 454\textsuperscript{V24}
Rediscovering Josef Weidenheimer (1758-1795) and Clockmaking in the German-Speaking Countries by Peter Fries 523 - 538\textsuperscript{V24}
The English Watchmaker's Mandrel Its Origins and Development Part II Later Examples by P H. J. Baker and R. J. Law 539 - 550\textsuperscript{V24}
Horological Wheel-Cutting by Mechanical Means an Early Reference and Some Further Notes by Jeremy Evans 551 - 555\textsuperscript{V24}
The York Mansion House Clocks by Henry Hindley by David Barker 556 - 556\textsuperscript{V24}

INDEX TO VOLUME TWENTY-FOUR\textsuperscript{V24}
Compiled by Edward Powell\textsuperscript{V24}
Page numbers in bold type denote an illustration\textsuperscript{V24}

Adams  Coin Watches lecture at AGM  250\textsuperscript{V24}
Adams, Colin. Illustrated Lecture on Watches Lecture  59\textsuperscript{V24}
AHS News  Election Of Council Members  360\textsuperscript{V24}
AGM 2000  463\textsuperscript{V24}
AGM 249
Chairman’s Annual Report 1997-98 463
Chairman’s Notes Changing Editors 154
Chairman’s Notes 573
Continental Study Tour 360
Display for AGM 463
Electronic Publishing 464
Fellowship Mr. Charles Drover 55
Friendly Reaction (Recruitment Campaign) 249
Internet Site 55
Jim Cowsill Memorial Fund 154, 248
Library News Book Added Listed 154, 248, 361, 464, 573
Library Notes (Issues Wanted) 55
Percy Dawson Medal 464
Publications 76, 168, 267, 376
Secretary’s Notes 154, 360, 573
The Turret Clock Keepers Handbook being reprinted 464
Two New Sections Proposed 573
West Dean Certificate Award to Student 248
AHS Journal Editorials by Denys Vaughn V24
Valediction 23
AHS Journal Editorials by Jeff Darken V24
Continuity 111
Participation 203
Variety 299
Colour 407
Letter 515
AHS Section Reports by Section and reporter V24
Canadian Section, Murray, Charles, V24 61
Dutch Section, Hofland, Karel, V24 472
East Anglian Section, Bird, Clifford V24 58, 255
Buckingham, Robert, 157
Lincoln, Richard 157, 467
Wastell, John 577
Wood, Michael 364
Electrical Horology Section, Howell, John V24 62
Nye, James 159, 368, 581
Main Section, De Save, S.B., V24 361
Gibbons, Michael, 361, 574
Neale, Jim, 55, 155, 465, 574
Philip Priestley, 574
Stenning, Richard, 55
Vaughn, Denys 55
Whyte, Philip, 55
Midlands Section, V24 55
Chatham, Margaret 157, 255, 364, 466, 577
Rushton James H 577
Northern Section, Hannah, Jim V24 58, 157, 254, 363, 466, 576
Scottish Section, Campbell, G V24 465, 576
Niblock, Norman, South Eastern Section, V24
57, 156, 253, 363, 465, 576 V24

Driscoll, Clive
578 V24

Gibbons, Michael
158, 468 V24

Knight, Jack
59, 158, 256, 365, 468, 578 V24

Knight, Susan
365 V24

Southern Section, V24

Duley, Tony
59, 158, 257, 366, 469, 580 V24

Shenton, Ken
257, 579 V24

Turret Clock Group, V24

Applebee, Michael
258 V24

Hollis, Geoffery,
369, 473, 583 V24

Loveday, Malcolm S.,
160 V24

McKay, Chris,
63 V24

Willis, Stewart,
258 V24

West Country Section, V24

Ponsford, Clive
366, 469, 580 V24

Reddyhoff, George
60, 159, 366 V24

Aked, Charles
Clocks and Locks letter 84 V24

Aked, Charles Kenneth
Obituary 208 V24

Alarm Watch South German Striking Alarm Watch Late 16C
293 V24

Aldred, G
Pilkinson Gibbs Heliochronometers lecture 254 V24

Aldworth, Samuel
Bracket Clock Quarter Repeating London c1700
397 V24

Allix, Charles,
French Morez Tower Clocks (note) 567 V24

Allix, Charles & Brusa, Giuseppe,
Pierre Le Roy's Precision Watches letter 483 V24

Allix, Sally, Thomas Lister and Daniel Jeanrichard
489 V24

Ambler, J.W.,
8day English Lever watch with Two Going Barrels Keighley No.23605
395 V24

Antiquarian Horology, Volume V Reprint reviewed by Jeff Darken
163 V24

Archer Family,
Article by Barnaby Smith 345 V24

Archer, Walter, lantern clock c. 1700
347 V24

Arnfield, Jim,

Clocks of the St Petersburg Area Lecture 156 V24

Video on History of Electric Watches Lecture 159 V24

Video Demonstration of Dismantling a Verge Watch Lecture 158 V24

Arnold,
Pocket Chronometer No. 2/302 1782
452 V24

Arnold & Dent, Regulator No. 293 Strand, London Circa 1827
501 V24

Arnold & Frodsham, Chas.,
18 Carat Fusee Hunter Chronometer 1866 Watch 10 V24

Arnold London, No.34 Month Going Regulator 1798 Longcase Clock 11 V24

Arnold, Jno. R,
18 Carat Half-Quarter Repeating Chronometer 1815 Watch 10 V24

Arnold, John Roger V24

Pocket Chronometer London No.2143 Silver Case London 1816
505 V24

London No.2025 Pocket Chronometer Silver Case 1807 London Hallmark Watch
99 V24

Astronomical Pocket Watch V24

Jacob Auch
532 V24

Weidenheimer, Josef, No.763 1791
532 V24

Astronomical Regulator and Orrery
De La Fosse à Paris Circa 1850 Four Glass Gilt

Bronze Table Regulator Centre Seconds Triple Calendar and Orrery
604 V24

Astronomical Regulator, Riefler, Sigmund, Munich No.15 1895 Astronomical Regulator 192 V24

Astronomical Table Clock, Andeas Steibe, Wurtzburg 1804
497 V24

Astronomical Tank Precision Regulator
Riefler, Clemens, Munchen, Nr. 535 1929

Astronomy, An Introduction to Astronomy (Course)
209 V24

Automaton Clock, Thomas Weekes Ormolu and Enamel Temple Newsham House New Acquisition
414 V24

Baier, Joseph G,
Video Restoration of a W Packard Watch No.12 Lecture 61 V24
Baker, P. H. J. and Law, R. J., *The English Watchmaker's Mandrel Its Origins and Development Part II Later Examples* 539\textsuperscript{V24}
Barker, John, English mandrel, Liverpool, c.1765 419\textsuperscript{V24}
Barker, Robert, English mandrel, Liverpool, c.1792 423\textsuperscript{V24}
Ball, Martin, *The First Steps of the Pendulum Timekeeper Comment on Article by Dobson's Spring 1999* letter 594\textsuperscript{V24}
Banger, Edward, See Tompion, Thomas and Banger, Edward V24
Bannister, Henry, Watch, verge movement 251\textsuperscript{V24}
Barker, David, *Thomas Lister's Artificial Clockmaker* (note) 353\textsuperscript{V24}
Baker, Edward, Chronometer, two day 236\textsuperscript{V24}
Barkley & Colley, George II Longcase Clock 285\textsuperscript{V24}
Barraud & Lund, *Book Price List Barraud & Lund (Reprint by David Penny)* reviewed by A.A. Trehearn 370\textsuperscript{V24}
Barraud's No.436 Mudge Type One Day Chronometer 1811 287\textsuperscript{V24}
Bartram, Simon, Dial of spring clock c.1665 57\textsuperscript{V24}
Barwise *The Watches of Barwise of London* by David Thompson 240\textsuperscript{V24}
Bracket night-watchman's clock 146\textsuperscript{V24}
Watch No.5414 241\textsuperscript{V24}
Watch No.7350 242\textsuperscript{V24}
Bates London Barometer c1830 stolen 174\textsuperscript{V24}
Bell, H Mount St., London Carriage Clock 2\textsuperscript{V24}
Bender, Daryl, *A Proposal for the Striking Mechanism of the Wallingford Clock* Article 134\textsuperscript{V24}
Bender, Daryl, *A Proposal for the Eclipse Mechanism on the Wallingford Clock* Article 217\textsuperscript{V24}
Bennet, J.A., *Reply to Bruce Chandler* letter 79\textsuperscript{V24}
Bennet, Jim, *Longitude the Last Word* letter 380\textsuperscript{V24}
Berthoud, Ferdinand, *6 Month Going Regulator with Equation of Time and Calendar Longcase Clock* travelling clock stolen 271\textsuperscript{V24}
Berthoud, Louis, Marine Chronometer No.52 1802 Presented by Napoleon to Admiral Decres 451\textsuperscript{V24}
Betts, Jonathan V24
Emery 661 Reply to Paul Tuck Letter letter 593\textsuperscript{V24}
Bored of Longitude letter 169\textsuperscript{V24}
Josiah Emery’s First Lever Watch No.661 c. 1774 326\textsuperscript{V24}
The Double Clocks by Daniel Quare 30\textsuperscript{V24}
Life and Work of Thomas Earnshaw Lecture 55\textsuperscript{V24}
Bird, Clifford, *Offset pendulums on turret clocks* (research request) 84\textsuperscript{V24}
Bird, Derek, *Gent Clocks Lecture* 368\textsuperscript{V24}
Book Reviews (by author, reviewers name in brackets)\textsuperscript{V24}
Antiquarian Horology Volume V Reprint (Jeff Darken) 163\textsuperscript{V24}
Belmont Clocks and Watches (Jonathan Betts) 163\textsuperscript{V24}
Craven, Maxwell. *John Whitehurst of Derby Clockmaker & Scientist 1713-88* (Denys Vaughn) 260\textsuperscript{V24}
Darken, J. & Hooper, J. *English 30 Hour Clocks, Origins & Development 1600-1800* (T.O.Robinson) 70\textsuperscript{V24}
Duncan, David Ewing, *The Calendar the 5000 Year Struggle to Align the Clock and the Heavens and What Happened to the Missing Ten Days* (Brian Sparks) 370\textsuperscript{V24}
Frankie Leibe, *Millers Watches a Collectors Guide* (Paul Tuck) 587\textsuperscript{V24}
Green, Joanna. *Swansea Clocks, Watch & Clockmakers of Swansea & District* (Llanelli, Llandeilo, Neath) (Clifford Bird) 71\textsuperscript{V24}
Greenlaw, Joanna, Longcase Clocks (Jeff Darken) 585\textsuperscript{V24}
Hughes, Roy G. & Craven, Maxwell, *Clockmakers & Watchmakers of Derbyshire* (W.J.Thornton) 262\textsuperscript{V24}
James, Franf A.L., *Semaphore to Short Waves* (Chris McKay) 475\textsuperscript{V24}
Loomes, Brian, *Brass Dial Clock* (Clive Ponsford) 260
Loomes, Brian, *Clockmakers of Northern England* (Edward Powell) 164
McKay, Chris *The Turret Keeper's Handbook* (Jeff Darken) 373
Moore, A.J., *The Clockmakers of Somerset 1650-1900* (David Harris) 475
Patrizzi, Osvaldo, *Dictionnaire Der Horlogers Genevois* (Anthony G Randell) 588
Pearson, Michael, *Kent Clocks & Clockmakers* (Michael Gibbons) 69
Penman, Laurie, *Practical Clock Escapements* (John Hooper) 477
Price List Barraud & Lund (Reprint by David Penny) (AA Trehearn) 370
Romulus Press, *Biography Database 1680-1830* (John Robey) 478
Schmidt, Bernhardt, *Die Bedeutung Der Zeit Im Lauf Von Jahrhurderten* (E.J.Tyler) 72
Severs, David F, *Northallerton's Clockmakers* (Hugh Cockwill) 584
Staeger, Hans, *100 years of Precision Timepieces from John Arnold to Arnold & Frodsham* (Jonathan Betts) 161
The London Wholesale Manufacturing & Retail Goldsmiths, Silversmiths, Jewellers, Watchmakers, Opticians and Cutlers' Directory Reprint (Jeff Darken) 261
Tresors D'horologerie (Exhibition Catalogue) Michael Hurst 371
White, George, *The Clockmakers of London an Account of the Worshipful Company of Clockmakers and Its Collection At Guildhall Aldermansbury London* (Andrew King) 585
Wooton, Peter, *Anniversary Clocks* (Chris Wadge) 71
Booth, Joseph, Dublin longcase clock, recovered 174
Bowyer, William, Lantern Clock 93
William Bowyer Great Clock Maker by John Hooper Article 122
Bracket Clock Musical, J.R.&S., London c1780 197
Bracket and Table Clocks 197
Aldworth, Samuel London Quarter Repeating c1700 397
Barwise night-watchman's Chinese Market Automata Clock 146
Colston, Richard, London, ebony c1690 297
Dunsford, J.N., Devonport Quarter Striking 1820 153
Edwards, William, London Circa 1780 498
Gretton, Charles, Basket Top Bracket Clock 507
Knibb, Joseph Londini, Fecit 297
Knibb, Joseph, Striking Charles II 180
Lincoln, Thomas, Georgian mahogany timepiece, stolen 105
Moss, Thomas, London, 267 Lancet bracket clock ten bells (stolen) 381
Pinchbeck, Christopher, London, Three Train Verge 1752 15
Robinson, Francis London C.1720 Pull Repeat 458
Scaife, William London c1735 Quarter Striking with Repeat 391
Stanton, John, London, Queen Ann with pull repeat 194
Tomlin Royal Exchange London 18 C Mahogany 286
Tompion, Thomas 9
London No.182 Quarter Repeating 406
Striking Charles II 105
Striking, Pull Quarter 4
London No.6 Quarter Repeating 110
Tompion, Thomas and Banger, Edward No 459 London C.1705 4
Tompion & Banger No.459 stolen 174
Tupman, Miniature Ebonised Clock 297
Webster, William Exchange Alley Miniature Bracket Clock c1710 291
Webster, William, London, quarter striking stolen V24
Breguet V24
No.705 Signed Louis Philippe Acajpou Moucheté, Month Going Regulator Pendule Astronomique
Randell, Anthony lecture 255
Breguet a Paris, Chronometer 288
Breguet Prize, Awarded to Carole Forestier 29
British Sundial Society, Sundials 414
Brodie, Francis, New Curator, Upton Hall 29
Bulletin Of The British Vintage Wireless Society 42
Bundock, Mike & McKay, Chris, Horological Postcards Lecture 365
Burgess, Martin, Discussion on the Review of Quest for Longitude letter 78
Burton, David, London Transport Clocks Lecture 364

Calendar Mechanism
Philipp Mattäus Hahn 528
Weidenheimer, Josef, 1791 530

Cark, William Lawrence, Longcase clock, Georgian 8 day stolen 381

Carriage Clocks
Bell,H Mount St., London 2
Dent, F. 61 Strand & 34 Royal Exchange London No.1534 c1853 Timepiece 196
Lefrand, 19C Grand Sonnerie, Minute Repeating, Perpetual Calendar 190
Mercer, Thomas, No.1187 Carriage clock made for Sam Clutton (stolen) 86

Castle, Stanley, Horological Folklore letter 590
Cattell, William, London, Longcase 152
Chandler, Bruce, Discussion on the Review of Quest for Longitude letter 77
Longitude letter 269

Chapelle, Ken, Restoration of Clocks Owned by the Scottish National Trust Lecture 57
Chapiro, A, Henri Motel's No.39 letter 379
Chinese Market, Automata Bracket Clock 297
Chronograph, Prest, Thomas Chigwell No 527 split Seconds c1840 446
Chronometers
Baker, Edward, two day 236
Barraud's Cornhill London No.436 Mudge Type One Day Chronometer 1811 287
Breguet a Paris Chronometer 288
Dent London No.1905 399
Marine Chronometers by Louis Berthoud 119
Mercer, Thomas No. 20 7
Motel, Henri, No.41 235
National Maritime Museum New Acquisition Margetts Astronomical Chronometer No.342 c1783 413
Wright's Patent Chronometer by George Margets 390

Chronometers, Pocket
Arnold, John Roger, London No.2143 Silver Case London 1816 505
Arnold, No. 2/302 1782 452
Berthoud, Louis, No.2594 Quarter Repeating C.1812 450
Brockbank & Atkins, No. 825 1817 446
Haley, Charles, 442
Kullberg, Victor, No. 4099 444
Moric, David No.184 1809 449
Reid, Edinburgh, Pocket chronometer in George Daniels display case (stolen) 86

Cigarette cards, Old sundials (picture gallery) 63
Clarke, Peter, The Sorrento Town Clock letter 591
Clements, William, Longcase clock, Totness 471
Clock Making, Griffiths, John, Development of Clock and Watch Making Industry in Lancashire and Watches in Liverpool and Prescot Museums Lecture 157
Clockmakers Company, Lattimore, Colin The Clockmakers Company Silver Collection Lecture 155
Coke, Arthur, *The Inventory of Arthur Coke 1629* letter by Francis Wadsworth 590V24
Colston, Richard, London, ebony spring bracket clock c1690 153V24
Complicated Watch, Uhrenfabrik Union of Glashutte 1897 Piguet Movement 453V24
Cooper, Roy, *The Triode Valve* letter 170V24
Country House Clocks, Howells, Russ *A Country House Clock* Lecture 160V24
Course, An Introduction to Astronomy 209V24
Crabtree, Geoffrey C., *Museum Für Urhen Und Mechanische Musikinstrumente Oberhoffen* letter 380V24
Cradock, Paul, *Clocks in the Royal Collection* Lecture 60V24
Craven, Maxwell, Book, *John Whitehurst of Derby Clockmaker & Scientist 1713-88* reviewed by Denys Vaughn 260V24
*Cumming, Alexander, Longcase Clock London Circa 1785 Mahogany Dead Beat Escapement Silent Strike* 504V24
Daniels, George V24
*Dareau, Michael*, V24
  *The Problems of Fixing Dials (Felix Hudson Memorial Lecture)* Lecture 58V24
  *Setting Up an Exhibition* Lecture 58V24
  *A.Miller Bridgend* letter 378V24
David Harris, A 30 Hour Clock by Thomas Kefford with an Unusual Countwheel 149V24
Davies, H.A.R., Obituary 208V24
De La Posse, Four Glass Gilt Bronze Table Regulator Centre Seconds Triple Calendar and Orrery á Paris Circa 1850 604V24
Dickenson, Richd., Watch, long duration 485V24
Dobson, R. D. and Dobson, R. J. C., *The First Steps of the Pendulum as a Timekeeper* 432V24
Drover, Charles Bertram, Obituary 412V24
Duncan, David Ewing, Book, *The Calendar the 5000 Year Struggle to Align the Clock and the Heavens and What Happened to the Missing Ten Days* reviewed by Brian Sparks 370V24
Dunsford, JN, Bracket Clock Quarter Striking Devonport 1820 498V24
Dutton & Co., Longcase night-watchman’s 142V24
Dutton William. See Mudge, Thomas and Dutton William V24
East, Edward C., Watch, 1640 Rock Crystal Case 454V24
Edwards, William, *Bracket Clock London Circa 1780* 507 V24
Ellicott, London, *Month Going Astronomical Regulator c1770 Longcase Clock* 201 V24
Emery, Josiah, *First Lever Watch No. 66* article by Jonathan Betts 326 V24
English Domestic Alarms, Hipki, Alan, *English Domestic Clocks* Lecture 157 V24
English Watchmaking, Thompson, David *English Watchmaking Before the Balance Wheel Lecture* 158 V24
Evans, David, *The Great Lantern Clock from Sutton Court* 47 V24
Evans, Geoffery, *Wrist Watches Their Design and Manufacture* Lecture 362 V24
Evans, Jeremy, *Horological Wheel-Cutting by Mechanical Means an Early Reference and Some Further Notes* 551 V24
Evans, Jeremy, *An Early London Clockmaker letter* 268 V24
Exhibitions V24
- Arnold and Earnshaw Pioneers of Chronometers 306 V24
- ‘Humphrey Cole’ British Museum 26 V24
- Portugese Royal Collection on Display in Geneva 520 V24
- Townley Time Trials 520 V24
- Treasures of Clockmaking Art, Palace of the Popes, Avignon 118 V24
- *Tresors D'horlogerie (Exhibition Catalogue)* Book Review 371 F V24
- Tresors D'horlogerie Palais Des Papes, Avignon 26, 114 V24
Film, The Harrison Story Projected TV Film 522 V24
French Morez Tower Clocks, Note by Charles Allix 567 V24
Friess, Peter, *Rediscovering Josef Weidenheimer (1758-1795) and Clockmaking in the German-Speaking Countries* 523 V24
Frodsham Month Going Regulator Employed by Sydney Observatory 1859 283 V24
Frodsham, Chas., See Arnold & Frodsham, Chas.
Fromanteel, Ahasuerus, Longcase clock, Belmont collection 117 V24
Further Reading; (Journal, volume, reviewer) V24
- ANCAHA Bulletin No. 81 Spring 1998 Anthony G. Randell 264 V24
- No. 82 Summer 1998 Anthony G. Randell 374 V24
- Antique Dealer and Collectors Guide Volume 50, Number 10, May 1997 75 V24
- Volume 51, Number 2, September 1997 264 V24
- Antiques Bulletin Issue 718, 29 November 1997 264 V24
- Bulletin of the British Sundial Society No. 98.3 October 1998 374 V24
- No. 97.1 January 1997 75 V24
- No. 97.2 April 1997 75 V24
- No. 97.4 October 1997 264 V24
- No. 98.1 February 1998 264 V24
- No. 98.2 June 1998 374 V24
- Bulletin of the Scientific Instrument Society No. 52 March 1997 75 V24
- No.55 December 1997 264 V24
- Clocks Volume 19, Number 7, December 1996 75 V24
- Volume 19, Number 8, January 1997 75 V24
- Volume 20, Number 1, 1997 75 V24
- Volume 20, Number 10, 1997 266 V24
- Volume 20, Number 11, 1997 266 V24
- Volume 20, Number 12, 1997 266 V24
- Volume 20, Number 13, 1997 266 V24
- Volume 20, Number 2, 1997 167 V24
- Volume 20, Number 2, 1997 167 V24
- Volume 20, Number 3, 1997 167 V24
- Volume 20, Number 3, 1997 167 V24
- Volume 20, Number 4, 1997 167 V24
- Volume 20, Number 4, 1997 167 V24
- Volume 20, Number 5, 1997 167 V24
- Volume 20, Number 5, 1997 167 V24
Ganczarczyk, Jerzy Y., *Uncut Monometallic Balances in Nineteenth Century Pocket Watches* letter 591V24

Goyffon, Frères, Watch No.837 1775 325V24

Good, Richard, *Victorian Clocks* Lecture 60V24

Goodship, Geoffrey, *Time Signal Receivers* letter 268V24

Time and the BBC 307V24

Gould, Christopher, Londini, Fecit c1700 Musical Longcase Clock 96V24

Gowland, James, 1835 Regulator Longcase Clock 183V24

Graham, George, London No.756 Month Going Regulator 1745 Longcase Clock 11V24

No.734 Longcase Clock 201V24

Graham, Geo., London No. 747 c1745 Longcase Clock 187V24

Graham, William, Watch 1725 447V24

Grand Orrery Replica acquired by Manor House, Bury St. Edmunds 117V24

Grange, Michael, A Bell Ringer's Clock 210V24

Grant, 18 Carat Half-Hunter Repeating Chronometer 1829 Watch 10V24

Gratton, Charles, Marquetry Month Going 1685 Bolt & Shutter Maintaining Power Longcase Clock 106V24

Green, Joanna, Book, *Swansea Clocks, Watch & Clockmakers of Swansea & District (Llanelli, Llandeilo, Neath)* reviewed by Clifford Bird 71V24

Greenlaw, Joanna, Book, *Longcase Clocks* reviewed by Jeff Darken 585V24

Gretton, Charles, Basket Top Bracket Clock 297V24

Griffiths John, *Development of Clock and Watch Making Industry in Lancashire and Watches in Liverpool and Prescot Museums* Lecture 157V24
History of Chronometers and 19th & 20 Century Chronometer Production in Lancashire Lecture

Gyswyt, Hk, Amsterdam letter from Frank J. Menez 487
Hamer, S. H., letter from Mike Grange 490
Harris Collection, Opening Times at Belmont 117
Harris, Oliver, The Greenwich Hospital Clock by Daniel Quare letter 171
Harrison Devon Sea Clock H1 Copy 503
Harrison Projected TV Film 522
Harvey, Thomas, Lantern clock c.1615 71
Haywood, John, Northwich, Longcase 1790-1800 237
Heliocronometer, Lecture on by G. Aldred 254
Henry Harper, Henry Harper or Harpur 1642-1708 by Selby Whittingham 225
Higgins, Richard, Casework Conservation Lecture 364
Hindley, Henry, The York Mansion House Clocks article by David Barker 556
Hippi, Alan On, English Domestic Clocks Lecture 157
Holli, Geoffrey, Mystery Clocks lecture 255
Hooper, John, William Bowyer Great Clock Maker 122
Horological Books, Shenton Rita A Horological Book Miscellany Lecture 158
Horological Folklore, letter from Stanley Castle 590
Horophone, Time Signal Receiver 42
Houseago, John R., To the Retiring Editor letter 172
Howells, Russ, A Country House Clock Lecture 160
Hughes, Roy G. & Craven, Maxwell, Book, Clockmakers & Watchmakers of Derbyshire Book 262
Hutchinson, Beresford and Abrahams, John Allot, Galileo's Pendulum Clock Comment on Article by Dobson's Spring 1999 596
Hutchinson, Berisford, Modern Marble Clocks lecture at AGM 250
Instruments, Appareils & Instruments De Precision 43
Irving, Phil, Tower Clocks Lecture 363
Isaacs, Eliot, Retiring from Upton Hall 29
J.R&S London c1780 Bracket Clock Musical 197
James, Franf A.L., Book, Semaphore to Short Waves reviewed by Chris McKay 475
Jan Heydery, Longcase clock, Amsterdam c.1740 244
Japy Frères, Mantel clock inscribed ‘Presented to ...Mrs. Thompson,..Aberdeen 1881’ stolen 381
Jeanrichard, Daniel, letter by Sally Allix 489
Jennings, Trevor, Carillon Turret Clocks Lecture 62
Harrison, John, King, Andrew The Life and Work of John Harrison Clockmaker Extraordinair Lecture 158
Jolly, Watch Paris Fecit c1640 Rock Crystal Crucifix Case 398
Jones, Henry, Watch, 1675-80 Early Spiral Balance Spring 454
Jones, Martyn, Two Unusual Watch Movements letter 485
Kefferd, Thomas, A 30 Hour Clock with an Unusual Countwheel note by David Harris 149
King, Andrew, The Life and Work of John Harrison Clockmaker Extraordinair Lecture 158
Replica of Harrison Regulator Longcase Clock 100, 188
King, Hilary, Surviving Marine Chronometers by Louis Berthoud 119
Knibb, Joseph, Londini, Fecit Bracket Clock 180
London, Month Going Roman Striking Longcase Clock 92
Longcase Clock Londini Fecit Circa 1675 9½ Dial Laburnum Oyster Veneers 499
Striking Charles II Bracket Clock 105
Londini, Striking & Repeating c1685 Table Clock 98
Lantern Clocks, Archer, Walter c. 1700 347
Bowyer, William, 93
Harvey, Thomas, c.1615 71
Sutton Court Clock 47
Tompion, Thomas. with Alarm No. 434 28

Lattimore, Colin, The Clockmakers Company Silver Collection Lecture 155
Le Roy, Pierre

Watches 'For the Use of Astronomers and Seamen article by Jean-Claude Sabrier 315
Watch movement No.4734 320
Watch movement No.4757 321
Watch movement No.4934 324

Lectures by: Adams, Coin Watches (At AGM) 250
Adams, Colin, Illustrated on Watches 59
Aldred, G., Pilkington Gibbs Heliochronometers 254
Arnfield, Jim, BHI Visit to Prague 466
Clocks of the St Petersburg Area, 156
Video Demonstration of Dismantling a Verge Watch 158
Video on History of Electric Watches 159
Baier, Joseph G., Video Restoration of a W Packard Watch No.12 61
Betts, Jonathan, Arnold & Earnshaw Pioneers of the Chronometer 575, 576
Life and Work of Thomas Earnshaw 55
Bird, Clifford, Offset pendulums on turret clocks 84
Bird, Derek, Gent Clocks 368
Brody, Francis, Temperature Compensation of Clocks and Watches 578
Bundock, Mike & McKay, Chris, Horological Postcards 365
Burton, David, London Transport Clocks 364
Chandler, Jim, The Development of a Method of Acquisition and Presentation of Clock Performance Data 582
Chapelle, Ken, Restoration of Clocks Owned by the Scottish National Trust 57
Cockwell, Hugh, White Dial Longcase Clocks 574
Cradock, Paul, Clocks in the Royal Collection 60
Dareau, Mich, The Problems of Fixing Dials (Felix Hudson Memorial) 58
Setting Up an Exhibition 58
Darken, Jeff & Hooper, John, Thirty Hour Clocks 55, 580
Evans, Geoffrey Wrist Watches Their Design and Manufacture 362
Foord, Ron, Flotenurhen- Fulte Clocks of the Black Forest 468
Good, Richard, Victorian Clocks 60
Griffiths John, Development of Clock and Watch Making Industry in Lancashire and Watches in Liverpool and Prescot Museums 157
History of Chronometers and 19th & 20 Century Chronometer Production in Lancashire 55
Harvey, Richard, Sir John Bennett 574
Higgins, Richard, Casework Conservation 364
Hipki, Alan, English Domestic Clocks 157
Hollis, Geoffrey, Mystery Clocks 255
Howells, Russ, A Country House Clock 160
Hutchinson, Berisford, Modern Marble Clocks At AGM 250
Irving, Phil, Tower Clocks 363
Jennings, Trevor, Carillon Turret Clocks 62
King, Andrew, The Life and Work of John Harrison Clockmaker Extraordinair 158
Lattimore, Colin, Clockmakers Company Silver Collection 155
Maltin, Michael, Timing for Motorsport 159
May, Ian, Longcase Restoration 366
Metal Finishes for Horology

McKay, Chris, *James Harrison Turret Clock* 469

Turret Clock Dial Restoration 160

Turret Clock Escapements 159

Meecham, Peter, *Quaker Clocks* 577

Middleton, Viscount, *Gershon Parkinson* 28

Connecticut Clock Industry 157

Watchmaking in Victorian Times 255

Mike, Harding, *Sinclair Harding Clocks* 155

Miles, R., *Four Pioneers of Electrical Horology* 364

Moon, John & Davis, Keith, *Reproduction Wall & Table Regulators* 59

Muser, Paul, *Mechanical Wristwatches* 61

Parr, Dr., *Railway Clocks* 578

Pearson, Michael, *Clock and Watchmakers of Kent* 468

Meecham, Peter, *Quaker Clocks* 577

Middleton, Viscount, *Gershom Parkinson* 28

Connecticut Clock Industry 157

Watchmaking in Victorian Times 255

Mike, Harding, *Sinclair Harding Clocks* 155

Miles, R., *Four Pioneers of Electrical Horology* 364

Moon, John & Davis, Keith, *Reproduction Wall & Table Regulators* 59

Muser, Paul, *Mechanical Wristwatches* 61

Parr, Dr., *Railway Clocks* 578

Pearson, Michael, *Clock and Watchmakers of Kent* 468

Plomp, R., *Spring Driven Dutch Pendulum Clocks 1675 - 1710* 473

Priestley, Philip, *American Watches* 466

*American Pocket Watches* 577

Randell, Anthony, *Breguet's Scientific and Chronometric Experiments* 255

The Horological Researches of Breguet 361

Read, J., *Japanese Clocks* 254

Roby, John, *Publishing* 577

Schraven, Dr. Thomas, *The Rabe Brothers of Hanauer* 581

Shenton, Rita, *A Horological Book Miscellany* 158

Sim, Michael, *Barometers* 256

Thomas, Alfred, *Watchman's Clocks* 366

Thompson, David, *English Watchmaking Before the Balance Wheel* 158

Watches in the Ashmolean Museum, Oxford 465

Tuck, Paul, *Swiss Pivoted Detent Escapement* 468

Turret Clocks in the National Trust 583

Upton, J, *Manufacture & Restoration of Enamel Dials* 58

Voore, Tim, *Synchronome-Schrott Master & Slave Clock System* 61

Waddington, Trevor, *Rocking Ship Relaunch* 60

Warner, John, *Thwaites and Reed and Elliotts* 257

The Westminster Clock 579

Wastell, John, *The History of the Dollar Watch* 467

Webb, Raymond, *Electric Clocks* 158

Wilson, Mike *Watch Case Making* 367, 466

Wolfendale, Sir, Arnold, *Light and Time At AGM* 250

Lee, Charles Barnaby, Obituary 209

Lefrand, 19C Grand Sonnerie, Minute Repeating, Perpetual Calendar Carriage Clock 190


Leroy a Paris, Month Going Quarter Striking Mantel Clock in Gilded Case 289

Letters and research requests (by author and subject) 524

Aked, Charles *Clocks and Locks* 84

Allix, Charles & Brusa, Giuseppe, *Pierre Le Roy's Precision Watches* 483

Allix, Sally, *Thomas Lister and Daniel Jeanrichard* 489

Ball, Martin, *The First Steps of the Pendulum Timekeeper* Comment on Article by Dobson's Spring 1999 594

Bennet, J.A. *Reply to Bruce Chandler* 79

Bennet, Jim *Longitude the Last Word* 380

Betts, Jonathan, *Emery 661 Reply to Paul Tuck* 593

Bored of Longitude 169

Burgess, Martin *Discussion on the Review of Quest for Longitude* 78

Castle, Stanley, *Horological Folklore* 590

Chandler, Bruce *Discussion on the Review of Quest for Longitude* 77

Longitude 269
Chapiro, A., Henri Motel's No.39 379 V24
Clarke, Peter The Sorrento Town Clock 591 V24
Cooper, Roy The Triode Valve 170 V24
Crabtree, Geoffrey C. Museum Für Urhen Und Mechanische Muskinstrumente Oberhoffen 380 V24

Crom, T.R. Torrens (Reply to Allix ) 83 V24
Four Seasons 379 V24
Daniels, George, Reply to Anthony Randell 82 V24
Le Roy Watch No4757 484 V24
Dareau, Michael A. Miller Bridgend 378 V24
Evans, Jeremy, An Early London Clockmaker 268 V24
Ganczarczyk, Jerzy Y., Uncut Monometallic Balances in Ninteenth Century Pocket Watches 591 V24

Ganczarczyk, J., Dating a late Barwise Movement Research request 173 V24
Goodship, Geoffrey. Time Signal Receivers 268 V24
Grange, Mike, Thomas Lister and S.H. Hamer 490 V24
Harris, Oliver, The Greenwich Hospital Clock by Daniel Quare 171 V24
Houseago, John R To the Retiring Editor 172 V24

Hutchinson, Beresford and Abrahams, John Allot, Galileo's Pendulum Clock Comment on Article by Dobson's Spring 1999 596 V24
Jones, Martyn, Two Unusual Watch Movements 485 V24
Malies, Harold. Napoleon and Chronometers 269 V24
Menez, Frank J., Hk Gyswyt, Amsterdam 487 V24
Penman, Laurie, Verge Knife Edge Beds 592 V24
Penney, David , Emery 661 Reply to Paul Tuck 593 V24
Penny, David, Louis Berthoud's Sons 83 V24
Re-Copyright 173 V24
Randell, Anthony G, Napoleon in Exile 377 V24
Harrison 81 V24
Read, David. The Triode Valve 268 V24
Richardson, Ian F Magic Glue 170 V24
Rigby, T Pedometers 269 V24
Robey, John, White-dial longcase movements research request 173 V24
Sabrier, Jean-Claude, Reply to Spring 1999 Le Roy's Lever 597 V24
Spittler, Tom, Maps on Painted Dials (research request) 85 V24
Thomas, Alfred J.H Agar, Baugh 377 V24
Tribe, Tom. Lawson Huddleston 268 V24
Tuck, Paul, Emery's First Lever? 488 V24
Waddington, Trevor, Wiltshire Clock and Watchmakers (research request) 85 V24
Wadsworth, Francis, The Inventory of Arthur Coke of Bramfield 1629 590 V24
Wang, Helen, A Presentation Watch 485 V24
Whitestone, Sebastian, Le Roy Watch No4757 Comment on Spring 1999 598 V24

Lincoln, Thomas, Bracket clock, Georgian mahogany timepiece, stolen 381 V24
Lister, Thomas, letter by Mike Grange 490 V24
Barker, David, Thomas Lister's Artificial Clockmaker 353 V24

Longcase Clocks
Arnold London No.34 Month Going Regulator 1798 11 V24
Archer, Walter c. 1711 350 V24
Barkley & Colley, London George II 285 V24
Berthoud, Ferdinand 6 Month Going Regulator with Equation of Time and Calendar 388 V24
Booth, Joseph, Dublin clock, recovered 174 V24
Cark, William Lawrence, Georgian 8 day stolen 381 V24
Cattell, William, London, 152 V24
Clements, William, Totness 471 V24
Cockey, Edw., Warminster 471
Cumming, Alexander, London Circa 1785 Mahogany Dead Beat Escapement Silent Strike 504
Deacon, Samuel, C.1769 455
Delander, Daniel, No.25124 London C.1720 3
18C with Duplex Escapement 107, 280, 496
De Lafons, John Royal Exchange London c1780 New Acquisition by British Museum 305
Dutton & Co., night-watchman’s 142
Ellis, London, Month Going Astronomical Regulator c1770 201
Frosham, Gracechurch St London and Sydney Month Going Regulator Employed by Sydney 202
Fromanteel, Ahasuerus, Belmont collection 117
Gowland, James 1835 Regulator 183
Graham, George, London No.756 Month Going Regulator 1745 11
No.734 201
Graham, Geo. FRS London No. 747 c1745 187
Gratton, Charles, Marquetry Month Going Astronomical Maintaining Power 106
Haywood, John, Northwich, 1790-1800 237
Heyder, Jan, Amsterdam c.1740 244
King, Andrew, Replica of Harrison Regulator 100, 188
Knibb, Joseph, Londini Facit 1675 9½ Dial Laburnum Oyster Veneers 499
London, Month Going Roman Striking 92
Moore, John & Sons, Clerkenwell, London No.11497 Regulator Striking Hours and Quarters 95
Mudge, Thomas & Dutton, William, London c1770 202
London, Month Going Regulator 1776 22
Frosham, Month duration Observatory Regulator 1859 283
Pike, Barnstaple Mahogany break arch longcase clock rocking ship (stolen) 86
Quare, Daniel, Solar/Sidereal Double Clock Formerly Property of Lord Chesham Longcase Clock 33
Solar/Sidereal Double Clock in British Museum 34
Solar/Sidereal Double Clock in Greenwich Hospital 1710 1, 30
Savory, Andrew London Circa 1680 Oliveand Floral Marquetry 8 Day 514
Stumbels, William, at Aveton Gifford, Devon 471
Tompion, Thomas No.118 8
Pump Room, Bath 31
with Alarm No. 39 28
Vötter, Johann Philipp, Vienna Month Going Regulator 1750 11
Vulliamy, London No.459 stolen 174
Weidenheimer, Josef, No.3 1788 530
Weidenheimer, Josef, No.2 1788 529
Windmills, Joseph, London Month Going Longcase 298
Three Month Duration Longcase Clock 393
Month Going Japanned Donated in Memory of John Allan Groom Starnes of Ashwicken, Norfolk 28
Wise, John London c1685-90 394
Voyce, George, of Mitcheldean 181
Yonge & Son, night-watchman’s 143
Loomes, Brian

Book, Clockmakers of Northern England reviewed by Edward Powell 164
Book, Brass Dial Clock reviewed by Clive Ponsford 260

Malies, Harold, Napoleon and Chronometers letter 269
Mallet, Louis, Mantel gilt bronze, c.1846 stolen 270
Maltin, Michael, Timing for Motorsport Lecture 159
Mantel Clocks, Ansonia Black Marble stolen 599
Deniere, French clock and candle sticks c.1850 stolen 270V24
French Gilt 19c stolen 599V24
French Gilt and Enamel 18c stolen 599V24
Japy Frères inscribed ‘Presented to ...Mrs. Thompson...Aberdeen 1881’ stolen 381V24
Leroy a Paris Month Going Quarter Striking Mantel Clock in Gilded Case 289V24
Mallet, Louis gilt bronze, c.1846 stolen 270V24
Oak W.H.Sch. Ting tang , stolen 86V24
Vulliamy, London No.469 19C Ormolu & Marble Timepiece 107V24
Marble Clock, Inscribed Presentation to Headmaster EBINIZER School stolen 599V24
Marconi Watch, Watch 46V24
Margetts, Astronomical Chronometer No.342 c1783 National Maritime Museum new acquisition 389, 413V24
Margetts, George, Wright’s Patent Chronometer 389V24
Marine Chronometer, Berthoud, Louis No.52 1802 Presented by Napoleon to Admiral Decres 451V24
May, Ian, Longcase Restoration Lecture 366V24
McKay, Chris, James Harrison Turret Clock Lecture 362V24
Book, The Turret Keeper’s Handbook Book reviewed by Jeff Darken 373V24
Turret Clock Dial Restoration Lecture 160V24
Turret Clock Escapements Lecture 159V24
Menez, Frank J., Hk Gyswyt, Amsterdam letter 487V24
Mercer, Thomas No. 20 Chronometer 7V24
No.1187 Carriage clock made for Sam Clutton (stolen) 86V24
Middleton, Viscount, Watchmaking in Victorian Times 255V24
Gersholf Parkinson Lecture 28V24
Connecticut Clock Industry Lecture 157V24
Mike Harding, Sinclair Harding Clocks Lecture 155V24
Miles, R, Four Pioneers of Electrical Horology Lecture 364V24
Miller, Archibald, Archibald Miller Clockmaker and the Hammermen of Glasgow 229V24
Moon, John & Davis, Keith, Reproduction Wall & Table Regulators Lecture 59V24
Moore, A.J., Book, The Clockmakers of Somerset 1650-1900 reviewed by David Harris 475V24
Moore, John & Sons., Clerkenwell, London No.11497 Regulator Striking Hours and Quarters Longcase Clock 95V24
Morse Signal Transmission 42V24
Moss, Thomas, London, 267 Lancet bracket clock ten bells (stolen) 86V24
Motel, Henri, Chronometer No.41 235V24
Motor Sport, Maltin, Michael Timing for Motorsport Lecture 159V24
Mudge, Thomas & Dutton, William, London c1770 Longcase Clock 202V24
London, Month Going Regulator 1776 Longcase Clock 22V24
Mudge & Dutton, Watch, Quarter Repeating C. 1765 449V24
Muser, Paul, Mechanical Wristwatches Lecture 61V24
Museums,
British Museum, New Acquisition 305V24
Coventry Watch Museum Opens 521V24
Droz-Flores, 5 Rue P. Berçot, Villiers-Le-Lac, France 29V24
Glynn Vivian Art Gallery, Swansea 28V24
Harris Collection, Belmont, Opening Times 117V24
Manor House, Bury St. Edmunds Acquired Replica 18C Grand Orrery 117V24
Manor House, Bury St. Edmunds 28V24
National Maritime Museum New Acquisition Margetts Astronomical Chronometer No.342 c1783 413V24
Temple Newsham House New Acquisition Thomas Weekes Ormolu and Enamel Automaton Clock 414V24

Nixseaman, Alfred Jonathan, Nix and Old Clocks Alfred Jonathan Nixseaman (1886-1977) by David
Nixseaman M.A., F.R.C.S 147
Nixseaman, David, Nix and Old Clocks Alfred Jonathan Nixseaman (1886-1977) (note) 147
Notes 147

**French Morez Tower Clocks** by Charles Allix 567

*Samuel Deacon's First Clock?* note by W.J. Thornton 455

Horological and Other Items Held in the British Museum on Behalf of the Society 66

*A 30 Hour Clock by Thomas Kefford with an Unusual Countwheel* by David Harris 149

*Countwheels with Projections and Pins* by John Robey 237

*Nix and Old Clocks Alfred Jonathan Nixseaman (1886-1977)* by David Nixseaman M.A., F.R.C.S 147

*Thomas Lister's Artificial Clockmaker* by David Barker 353

Obituary, 208

Aked, Charles Kenneth 208

Davies, H.A.R. 208

Drover, Charles Bertram, TD FAHS 412

Howse, Commander H. D., MBE FSA FRIN FRAS 303

Lee, Charles Barnaby, 209

Paton, Leslie, 116

Polding, John, 522

Smith, Frank 413

Observatory Chronometer, Robert Pinnington No.1/430 Springs Marked K.Clark 1801 451

Page, Thomas, Turret clock with offset pendulum c1748 84

Paton, Leslie, Obituary 116

Patrizzi, Osvaldo, Book, *Dictionnaire Der Horlogers Genevois* reviewed by Anthony G Randell 588

Pearson, Michael, Kent Clocks & Clockmakers Book 69

Pendule Astronomique (Regulator), Breguet No.705 Signed Louis Philippe Acajpou Moucheté, Month Going Regulator 191

Penman, Laurie, 592

Verge Knife Edge Beds letter 477

Penney, David, 147

Emery 661 Reply to Paul Tuck letter 593

Re-Copyright letter 173

Louis Berthoud's Sons letter 83

Pickford, Chris, The 'Tompion' Clocks At Northill and Ickwell a Reappraisal 332

Pike, Barnstaple Mahogany break arch longcase clock rocking ship (stolen) 86

Pilkington Gibbs, Aldred, G., *Heliochronometers* Lecture 254

Pinchbeck, Christopher, London. Three Train Verge 1752 Bracket Clock 15

Pinnington, Robert, Observatory Chronometer No.1/430 Springs Marked K.Clark 1801 451

Polding, John, Obituary 522

Portugese Royal Collection, Exhibition in Geneva 520

Practical 158

Arnfield Jim Video Demonstration of Dismantling a Verge Watch Lecture

Video on History of Electric Watches Lecture 159

Primrose, J., Clock Cleaner of Pensford, 48


Quare, Daniel, 199

London Bracket Clock 18c Stolen 599

Longcase Solar/Sidereal Double Clock in Greenwich Hospital 1710 1, 30

Solar/Sidereal Double Clock in British Museum Longcase Clock 34

Radeloff, Rolling Ball Clock with Cross Beat Escapement 1660 Table Clock 199
Radio Time, Journal Ed. David Boullin 43V24
Randell, Anthony G., V24

Breguet's Scientific and Chronometric Experiments lecture 255V24
The Horological Researches of Breguet Lecture 361V24
Napoleon in Exile letter 377V24
Harrison letter 81V24

Read, David, V24

The Transmission of Time by Wireless 42V24
The Triode Valve letter 268V24

Read, J., Japanese Clocks lecture 254V24

Regulator, Arnold & Dent No. 293 Strand, London Circa 1827 501V24
Reid, Edinburgh, Pocket chronometer in George Daniels display case (stolen) 86V24
Richardson, Ian F., Magic Glue letter 170V24

Riefler, Clemens, Astronomical Tank Precision Regulator Munich, Nr. 535 1929 509V24
Riefler, Sigmund, Astronomical Regulator Munich, No.15 1895 192V24

Rigby, T., Pedometers letter 269V24
Robey, John, Countwheels with Projections and Pins (note) 237V24
Robinson, Francis, Bracket clock, London c.1720 Pull Repeat 458V24
Romulus press, Biography Database 1680-1830 reviewed by John Robey 478V24
Royal Observatory Greenwich, Royal Greenwich Observatory at Cambridge ceases operation 306V24

Sabrier, Jean-Claude, V24
Le Roy's Lever Reply to Letter Spring 1999 letter 597V24
Pierre Le Roy's Watches 'For the Use of Astronomers and Seamen 315V24

Savory, Andrew, Longcase Clock London Circa 1680 Olivewood and Floral Marquetry 8 Day 514V24
Scaife, William, Bracket Clock London c1735 Quarter Striking with Repeat 391V24

Schmidt, Bernhardt, Book, Die Bedentung Der Zeit Im Lauf Von Jahrhurderten, reviewed by E. J. Tyler 72V24

Severs, David F., Book, Northallerton's Clockmakers reviewed by Hugh Cockwill 584V24
Shenton Rita, A Horological Book Miscellany Lecture 158V24
Sinclair Harding, Mike Harding Sinclair Harding Clocks Lecture 155V24
Skeleton Clock, Whytcock, P. Dundee 1850 20V24
Slotting Engine, Knights Horologium Machina 1783 553V24
Smith, Barnaby, The Archer Family of Clockmakers 345V24
Smith, Frank, Obiitary 413V24

Smith, Roger, The Devil Tavern Group an Eighteenth Century Horological Trade Association 427V24
Sorrento Town Clock, Letter from Peter Clarke 591V24
Spittler, Tom, Maps on Painted Dials (research request) 85V24
St Petersburg, Arnfield, Jim, Clocks of the St Petersburg Area Lecture 156V24
Staeger, Hans, Book, 100 years of Precision Timepieces from John Arnold to Arnold & Frodsham reviewed by Jonathan Betts 161V24
Stalpp, Dresden Watch, c. 1760 Case made of Red 'Kunkel' Glass 448V24
Stanton, John, London, bracket clock, Queen Ann with pull repeat 194V24
Steibe, Andeas, Astronomical Table Clock, Wurtzburg 1804 497V24
Stolen V24

Ansonia Black Marble Mantel Clock 599V24
Carpenter, William, Soho, Ormolu elephant mantel clock 86V24
Daniel Quare London Bracket Clock 18c 599V24
French Gilt and Enamel Mantel Clock 18c 599V24
French Gilt Mantel Clock 19c 599V24
Leplastriere, L., London, bracket clock, Mahogany case chamfer top pineapple finial 86V24
Marble Clock Inscribed Presentation to Headmaster EBINIZER School 599V24
Mercer, Thomas, No.1187 Carriage clock made for Sam Clutton 86V24
Moss, Thomas, London, 267 Lancet bracket clock ten bells 86V24
Pike, Barnstaple Mahogany break arch longcase clock rocking ship 86V24
Reid, Edinburgh, Pocket chronometer in George Daniels display case 86

W.H.Sch., Mantle clock, oak, Ting-tang. 86

Booth, Joseph, Dublin longcase clock, recovered 174

Tompion & Banger No.459 bracket clock stolen 174

Webster, William, London, quarter striking bracket clock stolen

Vulliamy, London No.459 longcase stolen 174

Bates of London barometer c1830 stolen 174

German Table clock stolen 271

Italian Table clock stolen 271

Gliziere, Colin table clock c1760 stolen 271

Berthoud, Ferdinand, travelling clock stolen 271

Deniere, French mantle clock and candle sticks c.1850 stolen 270

Mallet, Louis gilt bronze, c.1846 stolen 270

Stumbels, William, Longcase clock at Aveton Gifford, Devon 471

Turret clock, Totnes 1741 237

Stumbels, Wm., Turret Clock Movement, Totnes 1751 At Forde House Newton Abbot Devon 470

Sundials

British Sundial Society 414

Cigarette cards (picture gallery) 63

Register 29

Sutton Court Clock, Lantern Clock 47

Table Clocks

Amboyna and Gilt Metal 17

Knibb, Joseph, Londini, Striking & Repeating c1685 98

Radeloff, Rolling Ball Clock with Cross Beat Escapement 1660 199

Robert Grinkin Junior Before 1661 554

Tompion, Thomas. No.376 Londini, Fecit c1700 Quarter Repeating (Small 13) 185

Tompion, Thomas. 28

German clock stolen 271

Italian clock stolen 271

Gliziere, Colin c1760 stolen 271

Weidenheimer, Ludwig, 1820 537

Tavan, Antoin,

Watch, Quarter Repeating 443

Watch Quarter Repeating 486

Temperature Compensation, Jacob Auch 531

Tempus, Time Signal Receiver 43

Thirty Hour Clock, Thomas Kefford with an Unusual Countwheel note by David Harris 149

Thomas Lister, letter from Sally Allix 489

Thomas, Alfred, J.H.Agard Baugh letter 377

Watchman’s Clocks Lecture 366

Watchman’s Clocks 141

Thompson, David,

English Watchmaking Before the Balance Wheel Lecture 158

The Watches of Barwise of London 240

Thornton, W. J., Samuel Deacon’s First Clock? note 455

Time Signal, Tempus Receiver 43

Time and the BBC Article by Geoffrey Goodship 307

Tomlin, 18 C Mahogany Bracket Clock 286

Tompion

Clocks At Northill and Ickwell a Reappraisal article by Chris Pickford 332

Turret clock at Northill church, Bedfordshire 333

Turret clock at Ickwell Bury 342
Thompion, Tho., Watch, London No. 66 C.1693 Quarter Repeating Paired Case 460
Thompion, Thomas, Bracket Clock London No.182 Quarter Repeating 406
Bracket Clock 49
No.118 Longcase Clock 8
No.376 Londini, Fecit c1700 Quarter Repeating (Small 13) Table Clock 185
Table Clock 28
London No.6 Quarter Repeating Bracket Clock 110
Striking Charles II Bracket Clock 105
Striking, Pull Quarter Bracket Clock 105
Clock with Alarm No. 434 Lantern Clock 28
Pump Room, Bath Longcase Clock 31
With Alarm No. 39 Longcase Clock 28
Thompion, Thomas and Banger, Edward, No 459 London C.1705 Bracket Clock 4
Townley Time Trials Exhibition 520
Travelling Clock 4
Berthoud, Ferdinand, stolen 271
Vulliamy No.1043 Made for Count Warrenzon 1831 94
Tribe, Tom, Lawson Huddlestone letter 268
Tuck, Paul, Horology Under the Hammer Watches at Auction 1996-98 442
Emery's First Lever? letter 488
Tupman, Miniature Ebonised Bracket Clock 297
Turret Clock Movement, Stumbels, Wm. Totnes 1751 At Forde House Newton Abbot Devon 470
Turret Clock 4
Page, Thomas, with offset pendulum c1748 84
St. Barnabas’ Church, Pimlico 258
St. George’s church Ramsgate 369
Stumbels, William, Totnes 1741 237
Tompion, at Ickwell Bury 342
Tompion, at Northill church, Bedfordshire 333
Wallingford, Richard of, Reconstruction 474
Upton, J., Manufacture & Restoration of Enamel Dials Lecture 58
Uhrenfabrik Union, Complicated Watch, Glashutte 1897 Piguet Movement 453
V Voore, Tim, Synchronome-Schrott Master & Slave Clock System Lecture 61
Vötter, Johann Philipp, Vienna Month Going Regulator 1750 Longcase Clock 11
Voyce, George, of Mitcheldean Longcase Clock 181
Vulliamy, No.1043 Made for Count Warrenzon 1831 94
London No.469 19C Ormolu & Marble Timepiece Mantle Clock 107
London Longcase clock No.459 stolen 174
W Waddington, Trevor, Rocking Ship Relaunch Lecture 60
Archibald Miller Clockmaker and the Hammermen of Glasgow 229
Wiltshire Clock and Watchmakers (research request) 85
Wadsworth, Francis, The Inventory of Arthur Coke of Bramfield 1629 letter 590
Wall Alarm, English provincial, unsigned c 1660-75 358
Wall Clock 4
Josef Weidenheimer 1790 536
Josef Weidenheimer 1793 534
Whitehurst, three train wall clock 1830 239
Wallingford Clock 4
A Proposal for the Striking Mechanism of the Wallingford Clock by Daryl Bender

A Proposal for the Eclipse Mechanism on the Wallingford Clock by Daryl Bender

Reconstruction of clock

Wang, Helen, A Presentation Watch

Ambler, J.W. Keighley No.23605 8day English Lever Two Going Barrels
Arnold & Frodsham, Chas. 18 Carat Fusee Hunter Chronometer 1866
Arnold, Jno., R 18 Carat Half-Quarter Repeating Chronometer 1815
Arnold, John Roger, London No.2025 Pocket Chronometer Silver Case 1807 London Hallmark
Bannister, Henry, verge movement
Barwise, No.5414
Barwise, No.7350
Berthoud, Louis, No.2594 Quarter Repeating C.1812
Breguet, Premier Classe c1830
Cowell, John, Royal Exchange No.8280 Quarter Repeating with Chatelaine
Delander, Daniel, Silver Cased Verge Independent Stop
Dent 18 Carat Perpetual Calendar Pocket
Dent, E.J. London No13861 Duplex
Dickie, Andrew, Gold Pair Cased Verge Edinburgh No. 1315
Dickenson, Richd., long duration
East, Edward C., 1640 Rock Crystal Case
Ebsworth, John, Repeating c1687
Emery, Josiah, First Lever No. 661 c. 1774
Finer & Nowland No. 4166 1825 Silver Hunter Case
Graham, William, 1725
Grant, 18 Carat Half-Hunter Repeating Chronometer 1829
Haley, Charles, 1784
Jolly, Paris Fecit c1640 Rock Crystal Crucifix Case
Jones, Henry, 1675-80 Early Spiral Balance Spring
Lampard, John,
Laresche, H, Paris 1804 Le Roy Mean Time Dial
Le Roy, Pierre, movement No.4757
Le Roy, Pierre, movement No.4734
Le Roy, Pierre, movement No.4934
Goyffon, Frères No.837 1775
Marconi
Mudge & Dutton Quarter Repeating C. 1765
PARKINSON & FRODSHAM No. 6003 Movement A. P. Walsh Made
Pierre Le Roy's Watch 'For the Use of Astronomers and Seamen'
Quare, Daniel, No.237 Quarter Repeating
Raymont, Thomas, Center Seconds Verge
Stalpp, Dresden C. 1760 Case made of Red 'Kunkel' Glass
Tavan, Antoin, Quarter Repeating
Tavan, Antoin, Quarter Repeating
Thompion, Tho., London No. 66 C.1693 Quarter Repeating Paired Case
Windmills, Thos., No.4984 1714 Examination of Teeth Profiles
Windmills, watch dial c. 1685

Watchmakers Mandrel
Baker, John, of Liverpool c1765
Baker, Robert, Liverpool Ante 1792
Glover, J.,
Jones, I., Senr., Prescott Ante 1842
Jones, J. & T., Prescott 1842-66
Jones, J., Prescott Ante 1842
Jones, James & Thomas, of Prescott

Watch by,
Lancaster, H., London, late 19th century 425
Lancaster, H., Warranted No. 571 539
Rowson, C., Liverpool 19C 546

Watchmans Clocks, Article by Alfred Thomas 141
Webb, Raymond, Electric Clocks Lecture 158
Webster William, Miniature Bracket Clock c1710 291
London, quarter striking bracket clock stolen V24

Weekes, Thomas, Ormolu and Enamel Automaton Clock Temple Newsham House New Acquisition 414

Weidenheimer, Josef, Astronomical pocket watch No.763 1791 532
Calendar mechanism 1791 530
Longcase Clock No.2 1788 529
Longcase Clock No.3 1788 530
Wall Clock, 1790 536
Wall Clock 1793 534

Weidenheimer, Ludwig, Table clock, 1820 537
W.H.Sch., Mantle clock, oak, Ting-tang. (stolen) 86
Wheel cutting, Article by Jeremy Evans 551

White, George, Book, The Clockmakers of London an Account of the Worshipful Company of Clockmakers and Its Collection at Guildhall Aldermansbury London reviewed by Andrew King 585

Whitehurst, Derby three train wall clock 1830 239

Whitestone , Sebastian, Le Roy Watch No.4757 Comment on Letter Spring 1999 letter 598

Whittingham, Selby, Henry Harper or Harpur 1642-1708 225

Whytock, P., Dundee 1850 Skeleton Clock 20
Wilson, Mike, Watch Casemaking Lecture 367

Windmills, Joseph,
Month Going Longcase 298
Three Month Duration Longcase Clock 393
Month Going Japanned Donated in Memory of John Allan Groom Starnes of Ashwicken, Norfolk

Longcase Clock 28

Windmills, Thos., No. 4984 1714 Examination of Teeth Profiles Watch 36

Wireless, Wireless Society of London 43

Wise, John, Longcase Clock London c1685-90 394

Wolfendale, Sir Arnold, Light and Time lecture at AGM 250

Wood, Christopher, The Determination of the Difference in Meridians of the Paris and Greenwich Observatories 234


Wooton, Peter, Book, Anniversary Clocks, reviewed by Chris Wadge 71

Wright’s Patent Chronometer by George Margetts 389

Year 2000 AGM, Details 519

Yonge & Son, Longcase night-watchman’s 143
THE ANTIQUARIAN HOROLOGICAL SOCIETY

(A company limited by guarantee)

Members of Council and Officers as at Summer 1999

President: SIR ARNOLD WOLFENDALE FRS.

Vice-Presidents: R. J. LAW; T. O. ROBINSON; M. M. SMITH.

Members of Council: C. R. P. ALLIX; J. ARNFIELD; B. T. BASKERVILLE; C. BIRD; M. J. BUNDOCK; C. J. HURRION (co-opted); M. G. HURST; A L KING; J. H. LEOPOLD; Mrs R. SHENTON (Chairman); W. K. SHENTON; A. A. TREHERNE; J. H. F. WADSWORTH;

Secretary: Mrs P. HOSSBACH.

Editor Antiquarian Horology: Dr J. DARKEN.

Editorial Advisory Panel: C. R. P. ALLIX; M. G. HURST; R. J. LAW; J. H. LEOPOLD

Publications Committee: C. R. P. ALLIX; B. T. BASKERVILLE; J. H. LEOPOLD;
T. O. ROBINSON; J. H. F. WADSWORTH.

Technical Enquiries Officer: J. H. F. WADSWORTH.

Advertising Agents: Mrs P. LAW.

Solicitors: STUART, HURRION and Co., 148 Park View Road, Welling, Kent DA16 1SS.

Auditors: ROBERTS & Co., Suite 3, Ivyholme, Station Road, Heathfield, East Sussex TN21 8LB.

Hon Librarian: A. MITCHELL.

SCOTTISH SECTION Chairman: Dr M. DAREAU. Hon Secretary: N. NIBLOCK. Hon Treasurer: J. J. MACONOCHE.

NORTHERN SECTION Chairman: P. G. TORRY. Hon Secretary: E. G. POWELL. Hon Treasurer: H. GLAUSER.

MIDLANDS SECTION Chairman: B. SPARKS. Han Secretary: C. SPILLER. Hon Treasurer: P. SPRUCE.

EAST ANGLIAN SECTION Chairman: C. BIRD. Hon Secretary: R. H. A. MILES. Hon Treasurer: R. J. BUCKINGHAM

SOUTH EASTERN SECTION Chairman: A. WEAVING. Hon Secretary: Mrs S. KNIGHT. Hon Treasurer: K. SORRILL.

SOUTHERN SECTION Chairman: A. J. DULEY. Hon Secretary: W. K. SHENTON. Hon Treasurer: D. A. SMITH.

WEST COUNTRY SECTION Chairman: T. TAYLOR. Hon Secretary: C. PONSFORD. Han Treasurer: G. REDDYHOFF.

ULSTER SECTION Chairman: Dr A. C. DAVIES. Hon. Secretary & Hon Treasurer: H. W. M. GILMORE.

IRISH SECTION Chairman: J. ENNIS. Hon. Secretary: F. COWLEY.

AMERICAN SECTION President: J. W SHEPRO. Secretary/Treasurer: L. R. SIMON.

London Liaison Officer: G. MARSH

DUTCH SECTION Chairman: J. ZEEMAN. Hon Secretary: K. R. ABBING.

CANADIAN SECTION Chairman: C. MURRAY. Hon Secretary: Prof. J. GANZCZARCYK. Hon. Treasurer: P. BUCKLEY.

TURRET CLOCK GROUP Chairman: C. G. McKay. Hon. Secretary: M. J. BUNDOCK. Hon Treasurer: G. HOLLIS.

ELECTRICAL HOROLOGY GROUP Chairman: D. A. BATEMAN. Hon Secretary: J. NYE. Hon Treasurer: Mrs A. COWSILL.

Printed for the AHS by White Horse Press Ltd., 65-67 John Wilson Business Park, Chestfield, Whitstable, Kent CT5 3QT.
ANTIQUARIAN HOROLOGY
AND THE PROCEEDINGS OF
THE ANTIQUARIAN HOROLOGICAL SOCIETY

VOLUME XXV
September 1999 to December 2000

THE ANTIQUARIAN HOROLOGICAL SOCIETY
TICEHURST
MM
<table>
<thead>
<tr>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>Autumn 1999</td>
<td>1-124</td>
</tr>
<tr>
<td>Two</td>
<td>Winter 1999</td>
<td>125-240</td>
</tr>
<tr>
<td>Three</td>
<td>Spring 2000</td>
<td>241-364</td>
</tr>
<tr>
<td>Four</td>
<td>Summer 2000</td>
<td>365-480</td>
</tr>
<tr>
<td>Five</td>
<td>Autumn 2000</td>
<td>481-596</td>
</tr>
<tr>
<td>Six</td>
<td>Winter 2000</td>
<td>597-712</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
LIST OF ARTICLES

Sun, Moon and Stars Telling the Time with Astronomical Instruments from the British Museum by Silke Ackermann 31 - 46

The Strasbourg Cathedral Clock by Günther Oestmann 50 - 63

Turret Clocks with Offset Pendulums by David W. Durst 64 - 68

Horology under the Hammer Clocks at Auction 1996-98 by David Harris 69 - 84

Scallop-Shell Marked Turret Clocks Leonard Tennant Turret-Clock Maker and his School Part I by Jeremy Evans 149 - 165

The Vertical Stackfreed Mechanical Evidence and Early Eye-Witnesses by G. Brusa and J. H. Leopold 166 - 179

John Flamsteed, Richard Towneley and The Equation of Time by Tony Kitto 180 - 184

A Reconstruction of the Tompion / Towneley / Flamsteed 'Great Clocks' at Greenwich by Alan Smith 185 - 190

Missing Watch Case Marks 1739 to 1770 by Philip Priestley 191 - 197

AHS Continental Study Tour 18 to 25 September 1999 by Jim Arnfield & Denys Vaughan 263 - 277

Early English Pendulum Clocks Some Further Reflections and Examples made during the First Twelve Years, by Michael Hurst 279 - 292

A Regulator for Nice Observatory in 1930 by François Le Guet Tully and Anthony Turner 297 - 302

Scallop-Shell Marked Turret Clocks Leonard Tennant Turret-Clock Maker and His School Part II by Jeremy Evans 303 - 323

Samuel Deacon 'An Account Of My Self' Part I, by W. J. Thornton 324 - 332

Scallop-Shell Marked Turret Clocks Leonard Tennant Turret-Clock Maker and his School Part III, by Jeremy Evans 388 - 406

A Reassessment of the Clocks of John Hilderson and other Members of the 'East School', by Anthony Weston 407 - 432

Horology under the Hammer Clocks in Auction during 1999 by David Harris 433 - 449

Watches in the Ashmolean Museum Oxford Part I by David Thompson 501 - 519

Moxon'S Mechanick Exercises: or Every Man his own Clock-smith by M. T. Wright 524 - 531

Samuel Deacon 'An Account Of My Self' Part II - The First , notebook by W. J. Thornton 532 - 540

A Perpetual Almanack 'Ionathan Ienins Owner Raiph Rowntree Me Fecit' by Jeff Darken 541 - 549

A Rare Philadelphia Longcase clock by William Stretch with Bolt-and-shutter Maintaining Power by Richard A. Mones 680 - 682

NOTES

The Twenty-Four Hour Striking Mechanism described in the Richard of Wallingford Manuscript by Kenneth J. Ming 85 - 86

Black Forest Wheel Cutting Engines or Raderschneidzeug by Theodore R. Crom 198 - 200

An Unusual Tavern Clock by John Drury by Thomas Ellis-Rees 450 - 452

An early Turret Clock at Beaullieu Abbey? by William Linnard 453

A Quarter-striking Longcase clock by Whitehurst of Derby No. 2830 by Tobias Birch 550 - 553

Hindley of York: An Eight-day Longcase clock by Trevor Waddington 554 - 559

A Rare Philadelphia Longcase clock by William Stretch with Bolt-and-shutter Maintaining Power by Richard A. Mones 682 - 683
Abbott, Thomas, apprenticed to Richard Nurse, 1634 315
Ackermann, Silke, Astronomical Instruments in the British Museum, lecture 213
Sun, Moon and Stars, Telling the Time with Astronomical Instruments from the British Museum, article 31
Ackroyd, Eric, Restoration of a musical Bracket Clock, lecture 218
Adams, Colin, An Exceptional Collection of Watches, lecture 217
Obituary for by Ken Shenton 616

AHS Horological News

Abbott, Thomas, apprenticed to Richard Nurse, 1634 315
Ackermann, Silke, Astronomical Instruments in the British Museum, lecture 213
Sun, Moon and Stars, Telling the Time with Astronomical Instruments from the British Museum, article 31
Ackroyd, Eric, Restoration of a musical Bracket Clock, lecture 218
Adams, Colin, An Exceptional Collection of Watches, lecture 217
Obituary for by Ken Shenton 616

AHS Horological News

Royal Greenwich Observatory Clocks in ‘The Story of Time’ 147
Time Exhibition, Radstock 148
Towneley Time Trials 147
‘Treasures of the North’ Exhibition at Christie’s London 148
Watches in the British Museum Part Two 500

AHS Journal editorials by Jeff Darken

Galileo’s Finger 383
Good Times 259
Heavenly Bodies 27
Horological Histories 615
Millennium 143
The Old Gritwoman’s Clock 499

AHS News

AGM and Full Day event 93
AGM 461
AGM Reports (by speaker, reporters name in brackets)
AGM and Full Day Event, Pauline Hossbach 93
AGM, Presidential Address, The Millennium - time to take stock, by Sir Arnold Wolfendale, (Douglas Bateman) 96
AGM, First, lecture, Timekeeping in Manchester 1690 to 1890, by Prof. Alan Smith, (Edward Powell) 97
AGM, Second, lecture, The Survival of the Mechanical Watch, by George Daniels, (John Wastell) 97
AGM, Third, lecture, Editing the Societies book Norfolk and Norwich Clocks and Clockmakers, by Cliff Bird, (J. A. Neale) 98

AHS Study Tour 2000 339
AHS Study Tour 2001 688
AHS West Dean College Prize 91
An Ideal Christmas Gift 564
Confidential Insurance for Members’ Collections 462
Editor’s, notes 91, 462
Election of Council Members 210, 688
Hands-on Study Session at the British Museum 462
Introducing New Members 461
<table>
<thead>
<tr>
<th>Section</th>
<th>Reporter(s)</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dutch Section, Koen Roscam Abbing</td>
<td></td>
<td>469^{V25}</td>
</tr>
<tr>
<td>East Anglian Section, Bob Miles</td>
<td></td>
<td>100^{V25}</td>
</tr>
<tr>
<td></td>
<td>Clifford Bird, Bob Miles</td>
<td>216^{V25}</td>
</tr>
<tr>
<td></td>
<td>M. R. Wood</td>
<td>344^{V25}</td>
</tr>
<tr>
<td></td>
<td>John Glasby</td>
<td>465^{V25}</td>
</tr>
<tr>
<td></td>
<td>John Wastell</td>
<td>572, 693^{V25}</td>
</tr>
<tr>
<td>Electrical Horology Section, James Nye</td>
<td></td>
<td>100, 222, 348, 470, 696^{V25}</td>
</tr>
<tr>
<td></td>
<td>James Nye, Stuart Whillis</td>
<td>575^{V25}</td>
</tr>
<tr>
<td>Main meeting, Charles Allix</td>
<td></td>
<td>689^{V25}</td>
</tr>
<tr>
<td></td>
<td>J. A. Neale</td>
<td>340^{V25}</td>
</tr>
<tr>
<td></td>
<td>Jeff Darken</td>
<td>462^{V25}</td>
</tr>
<tr>
<td>Midland Section, Alan Hipkin, Brian Sparks,</td>
<td></td>
<td>571^{V25}</td>
</tr>
<tr>
<td></td>
<td>James H. Ruston</td>
<td>216^{V25}</td>
</tr>
<tr>
<td></td>
<td>James Rushton, Brian Sparks,</td>
<td>342^{V25}</td>
</tr>
<tr>
<td></td>
<td>James Rushton, Brian Sparks &amp; Peter Frankland &amp; Alan Hipkin, Peter Frankland,</td>
<td>464^{V25}, 692^{V25}</td>
</tr>
<tr>
<td>Northern Section, Jim Hannah, Oxford Section, Brian Sparks,</td>
<td></td>
<td>100, 215, 342, 463, 570, 690^{V25}, 344^{V25}</td>
</tr>
<tr>
<td>Scottish Section, G. Campbell, Norman Niblock, Graham Silvey, G. Campbell, Norman Niblock,</td>
<td></td>
<td>214^{V25}, 570, 690^{V25}, 99, 341, 463^{V25}</td>
</tr>
<tr>
<td>Southern Section, Derek Frampton, Peter Linstead-Smith, Ken Shenton, Ken Shenton</td>
<td></td>
<td>217^{V25}, 101, 466, 694^{V25}</td>
</tr>
</tbody>
</table>
Schissler, Christoph, Augsburg, c. 1570

Audemars Piguet, Platinum minute repeating jump hour wristwatch c. 1990

Augusta, Jacobus Mayr, Italian night clock, early 18th C.

Automata, Musée d'Art et d'Histoire

Automaton, Vichy, ‘The Smoker’, c. 1875

Axtell, Samuel, apprenticed to Richard Nurse, 1639

Bailly Dijon, Comtoise clock, Musée Horloges Comtoise et Automates, Moreau

Baker, Paul H.J., Horological Wheel Cutting

Baker, John, apprenticed to Richard Nurse, 1637

Baker, John, apprenticed to Richard Nurse, 1637

Benson, J.W., English gold half-hunter watch

Berthoud Frères, Paris, No. 211 marine chronometer, 1832

Berthoud, Ferdinand, 6 month duration with equation of time

Berthoud, Ferdinand, The Rothschild Regulator

Berthoud, Ferdinand, French regulator, 6 month duration with equation of time

Bets, Jonathan, Tompion & Emery, letter

Bets, Samuel, London, ebony veneered table clock, c. 1665

Bird, Clifford, A Fine Tower Clock, letter

Birch, Tobias, A Quarter-striking Longcase clock by Whitehurst of Derby No. 2830, note

Bird, Clifford, Genealogy for Horologists, lecture

Birch, Tobias, Norfolk and Norwich Clocks and Clockmakers, letter

Blakene, 1342, astrolabe

Bocketts, Jan Janssen, Dutch, ovoid watch, c. 1607

Book Reviews (by Author, reviewers name in brackets)


Ball, M. Bringing the Work on 1675 to 1680: The Early English Spring Balance Watch, (J. L. Evans, & J. H. Leopold)

Blender, Aldinger, Braun, Kiefer & Maier, In Die Neue Zeit, (E. J. Tyler)

Cutmore, Max, Collecting and repairing Watches, (A.A. Trehearn)

Davis, John, Ed., British Sundial Society Sundial Glossary (Jeff Darken)

Four Generations of Watchcase Making. A profile of Martin Matthews [Video] (Jim Arnfield)

Linnard, William, Cardiff Clocks, (Jeff Darken)

Lippincott, K., Ed., The Story of Time, (Denys Vaughan)

Moore, A. J., The Clockmakers of Bristol, (David Harris)

Neale, J. A. Joseph and Thomas Windmills, Clock and Watchmakers 1671 - 1737, (Michael Hurst)

Oestmann, Güther, Uhren und wissenschaftlich Instrument der Familie Hager, (J. H. Leopold)
Seymour, L. A. *How to Manage and Regulate Clocks and Watches* (Charles Allix) 698

Simmons, J. S. G. *Wrens Dial Removed or High Victorian Hubris at All Souls*, (Jeff Darken) 581


Books added to library

Aldinger, Hellmut (and others) *In der neue Zeit die Geschichte der Uhrmacherei in der Region Neustadt in Schwarzwald*, 1999


Ball, M., *Bringing the work on, 1675 to 1680, the early English balance spring watch*, 1999.


Meis, Reinhard *Pocket watches from the pendant watch to the tourbillon*, (translation of Taschenuhren) 1987.


Books added to Jim Cowsill’s Memorial

Crum, Elmer G. and Keller, William E (Eds.), 150 years of electric horology, 1992.

Roberts, Derek, Continental and American skeleton clocks, 1989.


Bowyer, William, London, large chamber clock

Bracegirdle, Puddlesleigh Hill, Masonic mystery table clock

Bracket clocks,

Allam, William, Ormolu, 18th C.
Butterford, Thomas, Musical c. 1740
Cattell, William, c. 1685
Clarke, George, London, musical, c. 1760
Dutton, Matthew & Thomas, Fruitwood No. 283 c.1795
Ellicott, John, London, 18th C.
Gibson, John, Edinburgh, 8 day, 1765
Greay, Benjamin & Vulliamy, Justin, Pall Mall, London ebony c. 1745
Green, Thomas., Mahogany 8 day Liverpool c.1785
Grignion, Thomas, London ebonised, c. 1740
Hudson, Richard, London, Verge escapement, c. 1760
Leach, Romsey, satinwood
Ogden, Thomas, Halifax,
Pinchbeck, Christopher, London, c. 1720
Poy, Godfrie, London, George II
Quare, Daniel, London, c. 1700
Rimbault, Stephen, Quarter repeating London c.1730
Shaw, John, Holbourn, tortoise shell, c. 1700
Smalley, Thomas, c. 1695
Tompion Thomas, Ebony veneered small No. 77 London c. 1685
Copy of, Thomas Tompion’s No. 222,
Tompion, Thomas, London, No. 222, c. 1693
Tompion, Thomas, London, No. 298 ebony veneered c. 1700
Wrench, John, Chester, walnut, c. 1735
Wright, Thomas, London,
Brander. Georg Friedrich, Augsburg, c. 1750
Breguet et Fils, Paris, No. 3495, 'montre à tact', watch, c. 1820
Breguet Nevan & Cie, Paris, No. 199 Grande Sonnerie carriage clock
Breguet, three wheel clock, Musée d’Horlogerie, Le Locle
Brettouneau, August, Paris, fully enamelled watch, c. 1650
Brian, Sparks, Comtois Clock Museum, letter
British Museum, Astronomical Instruments in
Brodie, Francis,
Temperature Compensation, lecture
The impact of Electric Clocks in the early 20th C, lecture
Brusa G. and Leopold, J. H., The Vertical Stackfreed Mechanical Evidence and Early Eye-Witnesses, article
Brusa, Giuseppe, & Allix, Charles, JULIEN [PIERRE] Le Roy No. 4757 , letter
Bryant, Thos., Stolen London Bracket clock
Buck, Paul, Black Forest Clocks, lecture
Butterfield dial, Le Maire, P, Paris c1750
Butterford, Thomas, Musical bracket clock, c. 1740
Butterly, Horsham, 30 hour longcase clock
Calendar clocks
Anonymous, c. 1770
Cherbonnier, Perpetual 1903
Carriage clocks
Anonymous
Breguet Nevan & Cie, Paris, No. 199 Grande Sonnerie
Courvosier, Frederic & Klentschi, C. F. La Chaux-de-Fonds, No. 618 Swiss grand sonnerie
Chronometer
Dent. E. I., Gilt bronze No. 663 c.1845
Ferguson James & Cole, Thomas London, petite-sonnerie perpetual calendar, 1824
Cartier, Gold asymmetrical ‘Crash’ wristwatch c. 1975
Cartwright, Thomas, London, longcase clock
Castle, Stanley, Scarf Joints and X-ray Studies, letter
Cattell, William, Bracket clock, c. 1685
Chamber clocks
Bowyer, William, London, large
German, Iron c.1580
Chanflower, James, apprenticed to William Edwards, 1624
Chapman, Alan, Astronomy And Its Links To Horology, lecture
Chayre, Richard, apprenticed to George Farmer, 1642
Cherbonnier, Perpetual calendar clock 1903
Christian, John, Turret clock, Blickling Hall, 1780
Chronometer
Berthoud Frères, Paris, No. 211 marine, 1832
E. Dent & Co. London, No. 3405, pocket, c. 1869
Fénon, August Victor, No. 32 2 day,
Frodsham, Chas., London, No. 2362 mantle
McCabe, James, London, No. 447 c. 1830 show piece
Chronoscope, Hipp, Musée d’Horlogerie, Le Locle
Chronostat, Leroy, L., & Cie., c. 1950
Church, Thomas, English striking lacquered longcase clock Norwich,
Clark, Frome, longcase clock 468\textsuperscript{V25}
Clarke, George, London, musical bracket clock, c. 1760 603\textsuperscript{V25}
Clarke, John, 445\textsuperscript{V25}

Clocks (undefined types)\textsuperscript{V25}

Clockmakers tokens, Knibb, Joseph, 433\textsuperscript{V25}

Clockmaking in Scotland, The History of by Dr. Michael Dareau, lecture 689\textsuperscript{V25}

Clot, Thos., No. 1645 timepiece with barometer and thermometer c. 1861 126\textsuperscript{V25}

Cockwill, Hugh, Observations on the Development, Art and Technology of Painted Dials, lecture 218\textsuperscript{V25}

Cole, Humphrey, London, 1575, astronomical compendium 32\textsuperscript{V25}

Cole, Thomas, London, No. 1045, Giant strut clock, c. 1852 598\textsuperscript{V25}

Complex dial, Don, Hans, Vienna, 1491, 38\textsuperscript{V25}

Comtoise clock\textsuperscript{V25}

Cooper, William, apprenticed to George Farmer, 1650 316\textsuperscript{V25}

Cope, Tho., Stolen Dublin 18C verge watch 358\textsuperscript{V25}

Courvosier, Frederic & Klentschi, C. F., La Chaux-de-Fonds, No. 618 Swiss grand sonnerie chronometer carriage clock 366\textsuperscript{V25}

Craddock, Paul, Clocks in the Royal Collection, lecture 340\textsuperscript{V25}

Craven, Maxwell, Whitehurst of Derby, letter 702\textsuperscript{V25}

Cracid, Matt, junior, London, Longcase clock c. 1700 441\textsuperscript{V25}

Crom, Theodore R., Black Forest Wheel Cutting Engines or Raderschneidzeug, note 198\textsuperscript{V25}

Curtis, John, apprenticed to Richard Nurse, 1650 316\textsuperscript{V25}

Daniel, Christopher St. J. H., Sundials, lecture 571\textsuperscript{V25}

Dareau, Dr. Michael, History of Clockmaking in Scotland, lecture 689\textsuperscript{V25}

Darken, Jeff & Hooper, John, Thirty Hour Clocks, lecture 344\textsuperscript{V25}

Darken, Jeff, Development of 30 hour clocks, Darken, Jeff & Hooper, John, lecture 215, 344\textsuperscript{V25}

Davis, Keith, Antiquarian Horological Repairs, lecture 693\textsuperscript{V25}

De Charmes, Simon, London, 18th C Marquetry longcase clock 22\textsuperscript{V25}

De La Garde, Jaques, Blois, spherical cased watch with Stackfreed, 1551 501\textsuperscript{V25}

Deacon, Samuel, articles on: Barton, longcase clock 324, 532\textsuperscript{V25}

Delander, Daniel, London, walnut longcase clock, c. 1713 368\textsuperscript{V25}

Dent, Mahogany wall Regulator No. 705 1860 256\textsuperscript{V25}

Deent, E., London, turret clock, c. 1858 697\textsuperscript{V25}

Dent. E. & Co. London, No. 3405, pocket chronometer, c. 1869 638\textsuperscript{V25}

Dent. E. I., Gilt bronze carriage clock No. 663 c. 1845 242\textsuperscript{V25}

Deykin, Thomas, Stolen of Worcester, c. 1698 Marquetry Long case clock 356\textsuperscript{V25}
Deykin, \[V25\]
Worcester, longcase clock 18th C. \[449^{V25}\]
Worcester, No. 838, 30 hour longcase clock \[449^{V25}\]
Diago Bolsa Real, Stolen, Londres, musical bracket clock \[35^{V25}\]
Dial, Anonymous, French sun and moon late 16th C. \[43^{V25}\]
Dickenson, Richard, letter by Moore, D. \[111^{V25}\]
Diptych-dial, \[V25\]
Anonymous French 17th C. \[1^{V25}\]
Tucher workshop, Nuremberg, c. 1590 ivory \[39^{V25}\]
Dobson, R.D. & R.I.C., *The First Steps of the Pendulum...and Galileo’s Clock*, letter \[106^{V25}\]
Don, Hans, Vienna, 1491, complex dial \[38^{V25}\]
Drew, John, longcase clock dial, c. 1690 \[691^{V25}\]
Drill, John, Athy, Dublin, Longcase clock dial \[691^{V25}\]
Drury, John, London, tavern clock, c. 1760 \[450^{V25}\]
Dudds, Jos., London, Balloon clock with automata \[438^{V25}\]
Durst, David W., *Turret Clocks with Offset Pendulums*, article \[64^{V25}\]
Dutton, Matthew & Thomas, Fruitwood bracket clock No. 283 c.1795 \[26^{V25}\]
London, longcase clock, c. 1790 \[600^{V25}\]
London, No. 261 miniature brass wall alarm \[442^{V25}\]
Dutton, William & Sons, London, No. 222, Enamelled dial mahogany longcase clock \[443^{V25}\]
East, Edward, London, table clock, \[409^{V25}\]
Edwards, William, turret clock maker, c. 1625-60 \[314^{V25}\]
Ellicott, John, London, bracket clock, 18th C. \[614^{V25}\]
Ellicott, London, mahogany longcase clock, c. 1780 \[596^{V25}\]
Ellis-Rees, Thomas, *An Unusual Tavern Clock by John Drury*, note \[450^{V25}\]
Elrick, John & Kempinski, Benny, *Antiques on the Internet*, lecture \[690^{V25}\]
EPACT, Computer based catalogue of pre 16th Century mathematical instruments \[31^{V25}\]
Equinoctial sundial, Anonymous, spherical \[271^{V25}\]
Evans, Geoffrey, *The Anglo-Celtic Watch Co.*, lecture \[570, 571^{V28}\]
Evans, Jeremy, *Scallop-Shell Marked Turret Clocks Leonard Tennant Turret-Clock Maker and his School Part I*, article \[149^{V25}\]
Scallop-Shell Marked Turret Clocks Leonard Tennant Turret-Clock Maker and his School Part II, article \[303^{V25}\]
Scallop-Shell Marked Turret Clocks Leonard Tennant Turret-Clock Maker and his School Part III, article \[388^{V25}\]
Evans, Jeremy, reply to Stanley Castle, letter \[587^{V25}\]
Exhibition, Dorset Clock Society \[261^{V25}\]
Treasures of the North \[260^{V25}\]
Farmer, George, turret clock maker, 1631-65 \[316^{V25}\]
Farmer, John, London, table clock, c. 1665 \[428^{V25}\]
Farmer, Robert, apprenticed to George Farmer, 1636 \[316^{V25}\]
Farrer, Wm., Pontefract, longcase clock c. 1720 \[82^{V25}\]
Fénon, August Victor, No. 32 2 day chronometer, \[30^{V25}\]
No. 38, Astronomical regulator, \[297^{V25}\]
Ferguson James & Cole, Thomas, London, petite-sonnerie perpetual calendar carriage clock, 1824 \[482^{V25}\]
ffoones, George, apprenticed to Richard Nurse, 1627 \[315^{V25}\]
fframant, William, apprenticed to Richard Nurse, 1649 \[316^{V25}\]
*Field Synchronous Clocks*, lecture by Bob Miles, \[102^{V25}\]
Follit, John, Lichfield, 3 train musical longcase clock, c. 1780 \[131^{V25}\]
Foord, Ron, Obituary by Jack Knight \[573^{V25}\]
Fowler, Joseph, apprenticed to George Farmer, 1634 \[316^{V25}\]
Frodsham, Charles, Floor standing regulator \[249, 375^{V25}\]
London, No. 08647 Tourbillon watch \[18^{V25}\]
London, No. 2362 mantle chronometer \[446^{V25}\]
Fromanteel, Red tortoise shell veneered table clock \[434^{V25}\]
| Fromanteel, Ahasuerus, spring table clock | 283\textsuperscript{V25} |
| Fromanteel, John, English night clock | 241\textsuperscript{V25} |
| Frost, Steve, *The Relationship between Power System Frequency and Clock Error*, lecture | 696\textsuperscript{V25} |
| Further reading, | |

| ANCAHA Bulletin, \textsuperscript{V25} |
| No. 84, Spring 1999 | 105\textsuperscript{V25} |
| No. 85, Summer 1999 | 227\textsuperscript{V25} |
| No. 88, Summer 2000 | 700\textsuperscript{V25} |

| Bulletin of the British Sundial Society, \textsuperscript{V25} |
| Vol. 11(i), February 1999 | 228\textsuperscript{V25} |
| Vol. 11(ii), June 1999 | 228\textsuperscript{V25} |
| Vol. 11(iii), October 1999 | 228\textsuperscript{V25} |
| Vol. 12 (i), February 2000 | 585\textsuperscript{V25} |
| Vol. 12 (ii), June 2000 | 701\textsuperscript{V25} |
| Vol. 12 (iii), October 2000 | 701\textsuperscript{V25} |

| Bulletin of the Scientific Instrument Society, \textsuperscript{V25} |
| No. 63, December 1999 | 352\textsuperscript{V25} |

| Clocks, \textsuperscript{V25} |
| Volume 21, Number 13, 1998 | 229\textsuperscript{V25} |
| Volume 22, Number 1-4, 1999 | 229\textsuperscript{V25} |
| Volume 22, Number 5-7, 1999 | 354\textsuperscript{V25} |
| Volume 22, Number 8, 1999 | 473\textsuperscript{V25} |
| Volume 22, Issue 9-12, 1999 | 585\textsuperscript{V25} |
| Volume 22, Issue 13, 2000 | 585\textsuperscript{V25} |
| Volume 23, Issue 1, Feb-Apr 2000 | 585\textsuperscript{V25} |
| Volume 23, Issue 4-6, May-July 2000 | 701\textsuperscript{V25} |

| De Klokkenkoerier \textsuperscript{V25} |
| June 1999 | 105\textsuperscript{V25} |
| September 1999 | 228\textsuperscript{V25} |
| December 1999 | 352\textsuperscript{V25} |
| March 2000 | 352\textsuperscript{V25} |
| June 2000 | 584\textsuperscript{V25} |
| September 2000 | 700\textsuperscript{V25} |

| Horlogerie Ancienne \textsuperscript{V25} |
| No. 45, 1st semester 1999 | 105\textsuperscript{V25} |
| No. 46, 2nd semester 1999 | 352\textsuperscript{V25} |
| No. 47, 1st semester 2000 | 584\textsuperscript{V25} |

| Horological Journal, \textsuperscript{V25} |
| Volume 141, Number 2-6, Feb-Jun 1999 | 229\textsuperscript{V25} |
| Volume 141, Number 7-12, Jul-Dec 1999 | 585\textsuperscript{V25} |
| Volume 142, Number 1, January 2000 | 585\textsuperscript{V25} |
| Volume 142, Number 2-5, Feb-May 2000 | 586\textsuperscript{V25} |
| Volume 142, Number 6-8, Jun-Aug 2000 | 701\textsuperscript{V25} |

| Horological Science News, letter, \textsuperscript{V25} |
| Issue 1999-1, 28 December 1998 | 228\textsuperscript{V25} |
| Issue 1999-2, March 1999 | 228\textsuperscript{V25} |
| Issue 1999-3, May 1999 | 228\textsuperscript{V25} |
| Issue 1999-4, September 1999 | 473\textsuperscript{V25} |
| Issue 1999-5, December 1999 | 473\textsuperscript{V25} |
| Issue 2000-1, February 2000 | 473\textsuperscript{V25} |
| Issue 2000 2-4, Apr-Sept 2000 | 700\textsuperscript{V25} |

| Horological Times, \textsuperscript{V25} |
| Volume 23, Number 3-5, Mar-May 1999 | 229\textsuperscript{V25} |
| Volume 23, Number 6-12, Jun-Dec 1999 | 354\textsuperscript{V25} |
| Volume 24, Number 1-6, Jan-Jun 2000 | 586\textsuperscript{V25} |

| International Wristwatch, \textsuperscript{V25} |
Number 51-52, 1999 354
Number 54, 1999 354
Number 56, 1999 354

Klassik Uhren, 25
4/98 - 6/98 Aug 1998 to Jan 1999 228
1/99 - 6/99 Feb 1999 to Jan 2000 355

La Voca Di Hora 25
No. 6 June 1999 105
No. 7 December 1999 352

NAWCC Bulletin, 25
Volume 41/2 Number 319 April 1999 228
Volume 41/3 Number 320 June 1999 353
Volume 41/4 Number 321 August 1999 353
Volume 41/5 Number 322 October 1999 353
Volume 41/6 Number 326 December 1999 354
Volume 42/1, Number 324, February 2000 586
Volume 42/2, Number 325, April 2000 586
Volume 42/3, Number 326, June 2000 586
Volume 42/4, Number 327 August 2000 701
Volume 42/5, Number 328 October 2000 701

Tijschift, 99/2, June 1999
99/3, September 1999

Gent & Co., Thornbridge Pulsynetic Wall Regulator 20th C. 254
German Iron Chamber clock c.1580 246
Gibson, John, Edinburgh, 8 day bracket clock, 1765 495
Gilkes, Shipston, 30 hour longcase clock 18th C. 449
Gilkes, Richard, Adderbury, 30 hour longcase clock c. 1750 81
Glover, Boyer, London, quarter chiming clock 140
Godfey, Corneille, early pendulum clock c. 1670 268
Goodhugh, Regent Street, London, mahogany regulator, early 19th C. 379
Gothic clock, Musée d’Horlogerie, Le Locle 268
Gould, Christopher, London, 17C Marquetry longcase clock 24
Graham, George
London, movement 609
London, No. 3 astronomical regulator c. 1750 201
London, No. 5373 horizontal escapement watch c. 1729 132
London, No. 673 Longcase clock 142
London, No. 777 longcase clock c. 1784 71
London, No. 826, Watch c. 1740 626

Greay, Benjamin & Vulliamy, Justin, Pall Mall, London ebony bracket clock c. 1745 382
Green, Thomas., Mahogany 8 day bracket clock Liverpool c.1785 247
Greenlaw, Joanna, Longcase clocks , letter 111
Gribelin, Abraham, Blois, Oval watch, mid 17th C. 512
Grignon, Thomas, London ebonised bracket clock, c. 1740 22
Grimshaw, David, Development of Black Forest Clocks, lecture 464
Grimwood, Peter, Planetaria and orreries, lecture 692
Grundler, Andreas, Friburg, watch, c. 1730 628
Günther Oestmann, The Strasbourg Cathedral Clock, article, 50
Haile, Richard, apprenticed to William Edwards, 1631 314
Handley & Moore, Clerkenwell, pagoda top longcase clock 612
Hardy, William, Precision interval timer, c. 1825 201
Harman, Jno., Horsham, 30 hour longcase clock c.1700 449
Harris, Christopher, apprenticed to Leonard Tennant, 1606 310
Harris, David, Horology under the Hammer Clocks in Auction during 1999, article 433
Harris, William, Tonbridge, 8 day longcase clock c. 1720
Harrison, John, Pamphlet, ‘The Principles of Mr. Harrison’s Timekeeper’
Hartmann, Georg, 1537, astrolabe
Hase, William, Turret clock, Oulton Hall, Saxthorpe, c. 1814
Haug, Samuel, Augsburg, Stackfreed watch, Early 17th C.
Haward, Peter, Old Turret Clocks, lecture
Hayle, Samuel, London, ebony veneered table clock, c. 1670
Henderson, Robt., Stolen, London, 8 day fusee wall clock
Herriot, Thomas, apprenticed to George Farmer, 1641
Hilderson, John,
London, H-No. 1, table clock, c. 1660
London, H-No. 2, table clock, c. 1660
London, H-No. 3, two handed lantern clock, c. 1665
London, H-No. 4, table clock, c. 1665
London, H-No. 5, night table clock, c. 1665
London, H-No. 6, table clock, c. 1690
London, H-No. 7, lantern clock, c. 1660
London, H-No. 8, weight driven wall clock, c. 1665
London, H-No. 9, table clock,
London, H-No. 10, table clock, c. 1665
Longcase clock
Hill, Benjamin,
Fleet Street, London, Lantern clock
London, Lantern clock dial, c. 1660
London, Oval verge calendar watch, c. 1660
London, Pair case verge watch, c. 1660
Hillius, Martin, Dresden, gilt metal table clock
Hindley York, longcase clock
York, longcase clock, c. 1750
Hipp, Chronoscope, Musée d’Horlogerie, Le Locle
Hipp, Master clock
Slave clock, Neuchâtel
Holms, John, mahogany longcase clock, c. 1770
Hooper, John, Verge Knife Edge Beds, letter
Hooper, John, Thomas Mudge: also Robert Hooke and Thomas Tompion, latter
Holmes, John, mahogany longcase clock, c. 1770
Hipp, Mystery Clocks, lecture
Hipp, Verge Knife Edge Beds, letter
Horological News
‘A Look at Watches in the British Museum’ AHS visit
‘Clocking On’ Prescott exhibition
‘Japan Time’, British Museum exhibition
‘Longitude the film’, Andrew King
Obituary for Jim Neale, 1921-2000, by David Thompson
Obituary for John Combridge, by Mike Combridge
Obituary for Justice Warren Shepro 1926-2000, by Patricia Atwood
‘Passage of Time’ Loan exhibition at Olympia
‘The Leicester Automaton Clock’, reconstruction
‘The National Time Museum of Chicago’ new home for Attwood collection
‘The Story of Time’ exhibition at Greenwich
‘Treasures of the North’ Exhibition at Christies London
The Time Museum, closure Justice W. Shepro
Tom Robinson, notice of death
Houlden, Ralph, apprenticed to William Edwards, 1640
Hudson, Richard, London, Verge escapement bracket clock, c. 1760

Hunter, John, *Publishing*, lecture

Hunter, Thos., London, table clock

Hurst, Michael, *The Trade of a Gritwoman*, letter

Ilbery, William, London, No. 6582, Chinese market watch

Inro watch, Japanese

Jaquet-Droz et Lescot, Swiss enamelled singing bird watch c. 1795

Jex, Johnson, Clockmaker, 1778-1852

Johnson, John, 1723, boxwood nocturnal

Jones, Henry, London, table clock (detail only)


Kempinski, Benny & Elrick, John, *Antiques on the Internet*, lecture

Kennedy, S.A., Electric wall regulator

Knibb, Johannes, Oxon., Marquetry longcase clock

Knibb, John, Oxford, Month going walnut longcase clock c. 1690

Knight, Jeremy, *Horsham Clockmaking*, letter

Knight, Jeremy, *Horsham Clockmaking*, letter

Koch, Hans, Munich, Stackfreed compendium watch, c. 1580

Kullberg, Victor, London, No. 203 watch c.1871

Lantern clocks

Lattimore, Dr. Colin, *The History of the Longcase clock*, lecture

Le Count, Dan, 8 day movement and dial

Le Maire, P, Butterfield dial, Paris c1750

Le Roy & Son, Stolen London, No. 0284 repeating lever watch

Le Roy, Julian, longcase clock regulator, 1738
Le Roy No. 4757 Compounded Errors, letter by Jean-Claude Sabrier, 233\textsuperscript{V25}
Leach, Romsey, satinwood bracket clock 612\textsuperscript{V25}
Lectures by:

- Ackermann, Silke, Astronomical Instruments in the British Museum, 213\textsuperscript{V25}
- Ackroyd, Eric, Restoration of a musical Bracket Clock, 218\textsuperscript{V25}
- Adams, Colin, An Exceptional Collection of Watches, 217\textsuperscript{V25}
- Arnfield, Jim, The assembly and working of a chronograph (video), 343\textsuperscript{V25}
  Electric watches (video), 342\textsuperscript{V25}
  Watch Repeater Mechanisms, 463\textsuperscript{V25}
- Bateman, Douglas, Construction of a Noon Sundial, 344\textsuperscript{V25}
  Defining Q, 216\textsuperscript{V25}
- Bird, Clifford, Genealogy for Horologists, 462\textsuperscript{V25}
- Brodie, Francis, Temperature Compensation, 464\textsuperscript{V25}
  The impact of Electric Clocks in the early 20th C., 348\textsuperscript{V25}
- Buck, Paul, Black Forest Clocks, 346\textsuperscript{V25}
- Chapman, Alan, Astronomy And Its Links To Horology, 344\textsuperscript{V25}
- Cockwill, Hugh, Observations on the Development, Art and Technology of Painted Dials, 218\textsuperscript{V25}
  Electric watches, 348\textsuperscript{V25}
  Watch Repeater Mechanisms, 463\textsuperscript{V25}
- Craddock, Paul, Clocks in the Royal Collection, 340\textsuperscript{V25}
- Craven, Maxwell, Whitehurst of Derby, 471\textsuperscript{V25}
- Daniel, Christopher St. J. H., Sundials, 571\textsuperscript{V25}
- Daniels, George, The Survival of the Mechanical Watch, 97\textsuperscript{V25}
- Dareau, Dr. Michael, History of Clockmaking in Scotland, 689\textsuperscript{V25}
  Late Seventeenth Century Clocks, 462\textsuperscript{V25}
- Darken, Jeff & Hooper, John, Development of 30 hour clocks, 215, 344\textsuperscript{V25}
- Davis, Keith, Antiquarian Horological Repairs, 693\textsuperscript{V25}
- Evans, Geoffrey, The Anglo-Celtic Watch Co., 570, 571\textsuperscript{V25}
- Frost, Steve, The Relationship between Power System Frequency and Clock Error, 696\textsuperscript{V25}
- Grimshaw, David, Development of Black Forest Clocks, 464\textsuperscript{V25}
- Grimwood, Peter, Planetaria and orreries, 692\textsuperscript{V25}
- Haward, Peter, Old Turret Clocks, 344\textsuperscript{V25}
- Hollis, Geoffrey, Mystery Clocks, 216\textsuperscript{V25}
- Hunter, John, Publishing, 341\textsuperscript{V25}
- Kempinski, Benny & Elrick, John, Antiques on the Internet, 690\textsuperscript{V25}
- King, Andrew, The Wooden Clocks of John Harrison, 100, 216, 690\textsuperscript{V25}
- Lattimore, Dr. Colin, The History of the Longcase clock, 570\textsuperscript{V25}
- London, Nigel, Breguet and Related Research, 466\textsuperscript{V25}
- May, Ian, The Floating Balance, 101\textsuperscript{V25}
- McKay, Chris, The Life and Work of Lord Grimthorpe, 466\textsuperscript{V25}
- Meecham, Peter, Quaker Clockmakers in West Oxfordshire, 695\textsuperscript{V25}
- Midleton, Viscount Alan, The Decline of English watchmaking and rise of American, 211\textsuperscript{V25}
  Deck Watches of the Dreadnought Period 1897 - 1920, 694\textsuperscript{V25}
- Miles, Bob, Introduction of Field Synchronous Clocks, 102\textsuperscript{V25}
  The Early Clocks of Charles Shepherd, 222, 465\textsuperscript{V25}
- Moore, Jim, Research can be fun, 347\textsuperscript{V25}
- Ord-Hume, A., Musical Clocks, 220\textsuperscript{V25}
- Ovens, Robert, Time in Rutland, 697\textsuperscript{V25}
- Pratt, Derek, Remontoire and tourbillon as a combination, 214\textsuperscript{V25}
- Priestly, Philip, American Pocket Watches, 692\textsuperscript{V25}
- Randall, Anthony, Harrisons H4 timepiece, 691\textsuperscript{V25}
- Roby, John, Longcase clock Strike Work, 463\textsuperscript{V25}
- Smith, Prof. Alan, Time Keeping in Manchester 1690-1890, 96\textsuperscript{V25}
  The Connection Between Thomas Tompion and Richard Towneley, 463\textsuperscript{V25}
- Speel, Erica, Coloured Enamels and Enamelling, 565\textsuperscript{V25}
- Thackery, Steve, Adventures of an Electrical Horology Beginner, 470\textsuperscript{V25}
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thompson, David</td>
<td><em>The Octavius Morgan Collection at the British Museum</em></td>
<td>101V25</td>
</tr>
<tr>
<td>Torry, Peter</td>
<td><em>Antiquarian Electrical Horology</em></td>
<td>560V25</td>
</tr>
<tr>
<td>Trehearn, Alan</td>
<td><em>Research on Peter Stubs Archive Papers</em></td>
<td>563V25</td>
</tr>
<tr>
<td>Tuck, Paul</td>
<td><em>The Genius of John Arnold</em></td>
<td>212V25</td>
</tr>
<tr>
<td>Upton, Fred &amp; Joan</td>
<td><em>Vitreous Enamel Dial Production and Restoration</em></td>
<td>576V25</td>
</tr>
<tr>
<td>Vaughn, Denys</td>
<td><em>Reconstruction of Astronomical Clocks in St. Mary’s Gdansk</em></td>
<td>576V25</td>
</tr>
<tr>
<td>Wadge, Chris and Patrick</td>
<td><em>400 day Clocks</em></td>
<td>213V25</td>
</tr>
<tr>
<td>Warner, John</td>
<td><em>Clock Repairing</em></td>
<td>574V25</td>
</tr>
<tr>
<td>Webb, Raymond</td>
<td><em>Electric Master Clocks</em></td>
<td>217V25</td>
</tr>
<tr>
<td>Wotton, Peter</td>
<td><em>400 day torsion pendulum clocks</em></td>
<td>574V25</td>
</tr>
<tr>
<td>Wren, Robert</td>
<td><em>Robert Apps Clockmaker of Battle</em></td>
<td>341, 695V25</td>
</tr>
<tr>
<td>Wotton, Peter</td>
<td><em>400 day torsion pendulum clocks</em></td>
<td>574V25</td>
</tr>
<tr>
<td>Baker, Paul H.J.</td>
<td><em>Horological Wheel Cutting</em></td>
<td>112V25</td>
</tr>
<tr>
<td>Betts, Jonathan</td>
<td><em>Tompion &amp; Emery</em></td>
<td>355V25</td>
</tr>
<tr>
<td>Bird, Clifford</td>
<td><em>A Fine Tower Clock</em></td>
<td>113V25</td>
</tr>
<tr>
<td>Brusa, Giuseppe and Allix</td>
<td><em>JULIEN [PIERRE] Le Roy No. 4757</em></td>
<td>109V25</td>
</tr>
<tr>
<td>Breguet and Related Research</td>
<td><em>Breguet and Related Research</em>, lecture</td>
<td>466V25</td>
</tr>
<tr>
<td>Greenlaw, Joanna</td>
<td><em>Longcase clocks</em></td>
<td>111V25</td>
</tr>
<tr>
<td>Hurst, Michael</td>
<td><em>The Trade of a Gritwoman</em></td>
<td>702V25</td>
</tr>
<tr>
<td>Kelley, C. Stuart</td>
<td><em>Research Request Henry Jones</em></td>
<td>234V25</td>
</tr>
<tr>
<td>Knight, Jeremy</td>
<td><em>Horsham Clockmaking</em></td>
<td>475V25</td>
</tr>
<tr>
<td>McCall, Francis</td>
<td><em>Macaire Watch/Clock Makers of Geneva in the Eighteenth Century</em></td>
<td>232V25</td>
</tr>
<tr>
<td>Moore, D., Richard Dickenson</td>
<td><em>Le Roy No. 4757</em></td>
<td>109V25</td>
</tr>
<tr>
<td>Moore, D.</td>
<td><em>Richard Dickenson</em></td>
<td>111V25</td>
</tr>
<tr>
<td>Penney, David</td>
<td><em>Re: Le Roy No. 4757</em></td>
<td>109V25</td>
</tr>
<tr>
<td>Piggott, Keith</td>
<td><em>Forgery - Is it a Rot? Do Members Wish to Stop Fakery?</em></td>
<td>355V25</td>
</tr>
<tr>
<td>Ridout, Martin</td>
<td><em>ECS Electric Master Clocks</em></td>
<td>474V25</td>
</tr>
<tr>
<td>Roby, John</td>
<td><em>Movements for Painted Dial Longcase clocks</em></td>
<td>110V25</td>
</tr>
<tr>
<td>Sabrier, Jean-Claude</td>
<td><em>Le Roy No. 4757 Compound Errors</em></td>
<td>233V25</td>
</tr>
<tr>
<td>Smith, Alan</td>
<td><em>Towneley &amp; Tompion</em></td>
<td>475V25</td>
</tr>
<tr>
<td>Sparks, Brian</td>
<td><em>Comtois Clock Museum</em></td>
<td>112V25</td>
</tr>
<tr>
<td>Tuck, Paul</td>
<td><em>Emery No. 661 Further Comment</em></td>
<td>230V25</td>
</tr>
<tr>
<td>Vaughn, Denys</td>
<td><em>Hipp Clock: A Correction</em></td>
<td>475V25</td>
</tr>
<tr>
<td>Whatmoor, Derek</td>
<td><em>Morez Tower Clocks</em></td>
<td>112V25</td>
</tr>
<tr>
<td>Wilding, John</td>
<td><em>Verge Knife Edge Beds</em></td>
<td>111V25</td>
</tr>
<tr>
<td>Woodworth, Prof. Philip L.</td>
<td><em>The Tidal Clock of James Ferguson FRS</em></td>
<td>475V25</td>
</tr>
<tr>
<td>Lieuatud, Balthazar &amp; Berthoud, Ferdinand</td>
<td><em>‘The Rothschild Regulator’</em></td>
<td>8V25</td>
</tr>
<tr>
<td>Linden, Johann Anton</td>
<td><em>Heilbronn, 1596, astronomical compendium</em></td>
<td>33V25</td>
</tr>
<tr>
<td>Linnard, William</td>
<td><em>An early Turret Clock at Beaulieu Abbey?</em>, note</td>
<td>453V25</td>
</tr>
<tr>
<td>London, Nigel</td>
<td><em>Breguet and Related Research</em>, lecture</td>
<td>466V25</td>
</tr>
<tr>
<td>Andrews, Haydock, Dublin, Irish</td>
<td>c. 1770</td>
<td>603V25</td>
</tr>
<tr>
<td>Andrews, Jr., London</td>
<td>month duration early 18th C.</td>
<td>604V25</td>
</tr>
<tr>
<td>Anonymous, English night</td>
<td>c. 1665</td>
<td>288V25</td>
</tr>
<tr>
<td>Anonymous, Year going</td>
<td>18th C.</td>
<td>483V25</td>
</tr>
<tr>
<td>Barber, J., Winster, painted dial</td>
<td></td>
<td>79V25</td>
</tr>
<tr>
<td>Barber, Jonas, Winster</td>
<td>8 day c. 1720</td>
<td>611V25</td>
</tr>
<tr>
<td>Butterly, Horsham</td>
<td>30 hour</td>
<td>449V25</td>
</tr>
</tbody>
</table>
Cartwright, Thomas, London, 612
Church, Thomas, English striking lacquered Norwich, 364
Clark, Frome, 468
Crockford, Matt, junior, London, c. 1700 441
De Charmes, Simon, London, 18th C Marquetry 22
Deacon, Samuel, Barton, 84
Delander, Daniel, London, walnut, c. 1713 368
Deykin, Worcester, 18th C. 449
Deykin, Worcester, No. 838, 30 hour 449
Drew, John, dial, c. 1690 691
Drill, John, Athy, Dublin, dial 691
Dutton, Matthew & Thomas, London, c. 1790 600
Dutton, William & Sons, London, No. 222, Enamelled dial mahogany 443
Ellicott, London, mahogany, c. 1780 596
Farrer, Wm., Pontefract, c. 1720 82
Follit, John, Lichfield, 3 train musical, c. 1780 131
Gilkes, Richard, Adderbury, 30 hour c. 1750 81
Gilkes, Shipston, 30 hour 18th C. 449
Gould, Christopher, London, 17C Marquetry 24
Graham, George, London, No. 673 142
Graham, George, London, No. 777 c. 1784 71
Handley & Moore, Clerkenwell, pagoda top 612
Harman, Jno., Horsham, 30 hour c.1700 449
Harris, William, Tonbridge, 8 day c. 1720 612
Hilderson, John, 365
Hindley York, 612
Hindley, York, c. 1750 554
Holmes, John, mahogany, c. 1770 372
Kaye, John, Liverpool, tidal 590
Kenfield, Richard, mahogany Winton (Winchester) c. 1780 248
Knibb, Johannes, Oxon., Marquetry 77
Knibb, John, Oxford, Month going walnut c. 1690 124
Knibb, Joseph, London, walnut c. 1680 447
Knibb, Joseph, London, walnut Marquetry c. 1680 (ex. Iden Collection) 435
Langly, Oliver, Brinkworth, 467
Markes, Willm., Warminster, c. 1780-84 468
Martin, John, London, ebonised 493, 602
Mears, I., Dursley, 30 hour with unusual alarm work, c. 1800 296
Mowtlow (Montolow), Henry, London, 17C., walnut and Marquetry 20
Murray, David, Edinburgh, mahogany, 1780 490
Muzzel, Bolney, 30 hour 449
Ogden, John, Darlington, 30 hour c. 1712 705
Quare, Daniel, London, c. 1705, Walnut veneered month duration 4
Quarman, Samuel, Temple Cloud, 467
Savage, Salop, 30 hour c. 1720 448
Scafe, William, London, walnut, quarter chiming 599
Shepherd, Joseph, Sheffield, 8 day 70
Sidey, Benjamin, London, 3 train musical c.1730 137
Stokes, Wm., Stourbridge, Yew, early 18th C. 492
Stretch, John, Bristol, 30 hour c. 1705 705
Stretch, William, 8 day c. 1730 680
Thornton, John, Sudbury, dial c. 1710 691
Tompion, Thomas, London, No. 365 month going c. 1701 72
Turner, William, London, Sheraton c. 1760 603
Wady, William, Bristol, 467
Waller, Thomas, quarter chiming mahogany Preston c.1740 247
Wheeler, Thomas, London, 8 day Marquetry c. 1700
Whitehurst, Derby, No. 2830, Quarter striking
Whitehurst, Derby, No. 4002 watchman’s timepiece
Wilkie, Robert, Cupar, Fife, Scottish musical c. 1780
William, Berry, Canongate, movement, c. 1730
Wolley, Codnor, 30 hour oak
Loomes, Thomas, Lothbury, Lantern clock, c. 1650
Lowe, James, Stolen Coventry, No. 57095 lever chronograph
Ludlam, Robert, turret clock maker, c. 1630-40
Lunar volvelle, Tucher, Hans, Nuremberg, 1582
Madauer, Bartholomew, Pasau, 1554, chalice sundial
Markes, Willm., Warminster, longcase clock, c. 1780-84
Marshall, William, , Dublin, table clock
Martin Ridout, , ECS Electric Master Clocks, letter,
Martin, John, London, ebonised longcase clock
Massie, Thomas, apprenticed to Richard Nurse, 1637
Master clock, Hipp
Mathew, Edward, apprenticed to George Farmer, 1639
May, Ian, The Floating Balance, lecture
McCabe, James, London, No. 447 c. 1830 show piece chronometer
McCabe, Patrick, , Watchmaker, Belfast
McCabe, Samuel, Clock and Watchmaker, Belfast
McCabe, Thomas, Belfast, No. 10, watch
McCabe, Thomas, Watchmaker, Lurgan
McCabe, Thomas, Watchmaker, Lurgan
McCall, Francis, Mcaire Watch/Clock Makers of Geneva in the Eighteenth Century, letter
Mears, I., Dursley, 30 hour longcase clock with unusual alarm work, c. 1800
Meecham, Peter, Quaker Clockmakers in West Oxfordshire, lecture
Memorial, Frauenkirche, Munich
Michelez, Paris, (pupil of Breguet), portico clock
Middleton, John, apprenticed to Leonard Tennant, 1632
Midleton, Alan, The Decline of English watchmaking and rise of American
Midleton, Viscount Alan, Deck Watches of the Dreadnought Period 1897 - 1920, lecture
Miles, Bob
Introduction of Field Synchronous Clocks, lecture
The Early Clocks of Charles Shepherd, lecture
Mills, Thomas, apprenticed to Leonard Tennant, 1637
Ming, Kenneth J., The Twenty Four Hour Striking Mechanism described in the Richard of Wallingford Manuscript, note
Moore, D., Richard Dickenson, letter
Moore, Jim, Research can be fun, lecture
Moore, Thomas, Ipswich, Lantern clock, late 18th C.
Morgan, Richard, , London, Scallop-shell shaped watch, c. 1630
Morrison, J., eight day domestic regulator, 1931
movement, Graham, George, London,
Mowtlow (Montolow), Henry, London, 17C., walnut and Marquetry longcase clock
Mudge & Dutton, , Stolen No. 929 1771 cylinder watch
London, No. 982, quarter repeating watch, c. 1773
Murray, David, Edinburgh, mahogany longcase clock, 1780
Musical clock, Anonymous, French empire ormolu quarter striking
Muzzel, Bolney, 30 hour longcase clock
Mystery clock, Bracegirdle, Puddlesleigh Hill, Masonic
Oudin, Charles,
National Time Museum Chicago move to Museum of Science
Night clocks
Augusta, Jacobus Mayr, Italian, early 18th C.
Fromanteel, John, English

Nocturnals
Cole, Humphrey, c. 1575
Johnson, John, 1723, boxwood

NOTES
A Rare Philadelphia Longcase clock by William Stretch with Bolt-and-shutter Maintaining Power, by Richard A. Mones, 680
An Unusual Tavern Clock by John Drury, by Thomas Ellis-Rees, 450
A Quarter-striking Longcase clock by Whitehurst of Derby No. 2830, by Tobias Birch, 550
Hindley of York: An Eight-day Longcase clock, by Trevor Waddington, 554
An early Turret Clock at Beaulieu Abbey?, by William Linnard, 453
Black Forest Wheel Cutting Engines or Raderschneidzeug, by Theodore R. Crom, 198
The Twenty Four Hour Striking Mechanism described in the Richard of Wallingford Manuscript, by Kenneth J. Ming, 85
Nurse, Richard, turret clock maker, c. 1623-56, 315
Obituaries, Colin Adams 1938 - 2000 by Ken Shenton, 616
Jim Neale, 1921-2000, by David Thompson, 385
John Combridge, 1911-1999, by Mike Combridge, 260
Justice Warren Shepro 1926-2000, by Patricia Atwood, 384
Ron Foorde, by Jack Knight, 575
Tom Robinson (1915-99), by Noel Goodison, Ken Shenton and Chris McKay, 145

Oestmann, Günther, The Strasbourg Cathedral Clock, article, 50
Ogden, John, Darlington, 30 hour longcase clock c. 1712, 705
Ogden, Thomas, Halifax, Bracket clock, 74

Omega
'Marine' watches, 275
'Record' watch, 277
Constellation mega quartz watches, 276
Electrically operated timers, 276
Skeletonised tourbillon watch, 277
Ultra thin quartz watch, 277

Ord-Hume, A., Musical Clocks, lecture, 220
Oudin, Charles, Mystery clock, 436
Oughtred, William, Equinoctial ring dial, 39
Ovens, Robert, Time in Rutland, lecture, 697
Page & Christian, Turret clock, 64
Page, Thomas, Turret clock, 65
Turret clock, Barton Hall, 65
Turret clock, Wolterton hall, 64
Turret clock, Wymondham Abbey, 1724, 65
Palmer, William, Electric Clock System, 643
Patek Philippe, Genève, Ref. 1505 wrist watch with triple date, 1938, 487
Pendule à lever, Sully, Henry, Versailles, 1724, 12
Penney, David, Re: Le Roy No. 4757, letter, 109
Picture Gallery, Lawrence Debnam, Frome, 8 day posted frame clock, c. 1675, 640
Painted dial, c.1825-30, 454
Painted dial, J. Churton, Whitchurch, c. 1830, 456
Painted dial, James Pratt of Askrigg, c. 1815-20
Painted dial, John Mason, Rotherham, c. 1815
Painted dial, Joseph Todd, North Meols, c. 1850
Painted dial, William Wainwright, Nottingham, c. 1815-20
Pennington, London, No. 1306, deck watch

Piggott, Keith, Forgery - Is it a Rot? Do Members Wish to Stop Fakery?, letter 355

Pinchbeck, Christopher, London, Bracket clock, c. 1720
Pochaine, John, Barometer, c. 1820
Porcelain clock, Scherer á Paris, No. 325, Meissen
Portico clock, Michelez, Paris, (pupil of Breguet),
Posted frame clock, Debnam, Lawrence, Frome, 8 day, c. 1675
Poy, Godfrie, London, George II bracket clock
Pratt, Derek, Remontoire and tourbillon as a combination, lecture
Precision clock, Reifler, München,
Precision interval timer, Hardy, William, c. 1825
Precision regulator, Reifler, Clemens, München, No. 356/1913
Priestley, Philip,

American Pocket Watches, lecture
Missing Watch Case Marks 1739 to 1770, article

Prior, Edw., Stolen London No. 77402 Turkish market verge watch
Purvis, Alex., Stolen North Audley Street, No. 1591831 table roller lever watch
Quaker Clockmakers in West Oxfordshire, Meecham, Peter, lecture by

Quare, Daniel

London, c. 1705, Walnut veneered month duration longcase clock
London, No. 611 quarter repeating watch, c. 1687
London, Bracket clock c. 1700
Quarman, Samuel, Temple Cloud, Longcase clock
Randall, Anthony, Harrisons H4 timepiece, lecture
Rankley, William, apprenticed to Richard Nurse, 1646
Regulators

astronomical, Graham, George, London, No. 3 c. 1750
Berthoud, Ferdinand & Lieuatud, Balthazar, ‘The Rothschild Regulator’
Berthoud, Ferdinand, French, 6 month duration with equation of time
Berthoud, Ferdinand, Table, c. 1770
Dent, Mahogany wall No. 705 1860
Dent, Walnut No. 1774 19th C.
Fénon, August Victor, No. 38, Astronomical,
Frodsham, Charles, Floor standing
Frodsham, Charles, Floor standing
Gent & Co., Thornbridge Pulsynetic Wall 20th C.
Goodhugh, Regent Street, London, mahogany, early 19th C.
Kennedy, S.A., Electric wall
Kinder Arthur, Walnut multi-dialled wall
Le Roy, Julian, longcase clock, 1738
Leroy, L., & Cie., No. 11404 observatory, 1931
Morrison, J., eight day domestic, 1931
Webster, Richard London, mahogany

Reifler, München, precision clock
Reifler, Clemens, München, No. 356/1913 precision regulator
Ridout, Martin, ECS Electric Master Clocks, letter
Rimbault, Stephen, Quarter repeating bracket clock London c.1730

Ring dials

Anonymous, Flemish astronomical
Brander, Georg Friedrich, Augsburg, c. 1750 Equinoctal
Oughtred, William, Equinoctal

Robin, Robert, Paris, month duration table regulator with calendar and equation of time
Robinson, Robert, Lothbury, London, Lantern clock late 17th C. 435\(^{V25}\)
Robinson, Tom, V25
notice of death 30\(^{V25}\)
Obituary 145\(^{V25}\)
Roby, John V25

Movements for Painted Dial Longcase clocks, letter 110\(^{V25}\)
Longcase clock Strike Work, lecture 463\(^{V25}\)
Rugendas, Nikolas, Augsburg, 1690, equatorial sundial 38\(^{V25}\)
Russell, Benj., Turret clock, Spixworth Norwich, c. 1730 65\(^{V25}\)
Sabrier, Jean-Claude, Le Roy No. 4757 Compounded Errors, letter, 233\(^{V25}\)
Savage, Salop, 30 hour longcase clock c. 1720 448\(^{V25}\)
Scafe, William, London, walnut, quarter chiming longcase clock 599\(^{V25}\)
Scherer á Paris, No. 325, Meissen porcelain clock 377\(^{V25}\)
Schissler, Christoph, Augsburg, astronomical compendium, c. 1570 45\(^{V25}\)
Schneip, Ulrich, Munich, 1587 sundial 32\(^{V25}\)
Scallop-Shell Marks, on Turret Clocks 149, 303\(^{V25}\)
Schouten, Chris, The Oxford 2000 Proceedings, letter 588\(^{V25}\)
Seignior, Robert, 8 day Marquetry clock 140\(^{V25}\)
Shaw, John, Holbourn, tortoise shell bracket clock, c. 1700 712\(^{V25}\)
Shepherd, Electric observatory clock, Neuchâtel 267\(^{V25}\)
Shepherd, Joseph, Sheffield, 8 day longcase clock 70\(^{V25}\)
Shepro, Justice Warren, Obituary 384\(^{V25}\)
Shortt, William, Electric observatory clock 75\(^{V25}\)
Sidey, Benjamin, London, 3 train musical longcase clock c. 1730 137\(^{V25}\)
Skeleton clock, Whitelaw, David, c. 1830 690\(^{V25}\)
Slave clock, Hipp, Neuchâtel 266\(^{V25}\)
Smalley, Thomas, bracket clock c. 1695 80\(^{V25}\)
Smith, Prof. Alan, A Reconstruction of the Tompion / Towneley / Flamsteed 'Great Clocks' at Greenwich, article 185\(^{V25}\)
The Connection Between Thomas Tompion and Richard Towneley, lecture 463\(^{V25}\)
Time Keeping in Manchester 1690-1890, lecture 96\(^{V25}\)
Towneley & Tompion, letter 475\(^{V25}\)
Tompion Great clock of Greenwich Reconstruction 186\(^{V25}\)
Smith, George, London, verge watch, c. 1630 517\(^{V25}\)
Smith, John & Sons, Clerkenwell, Night-watchman’s mantle timepiece 433\(^{V25}\)
Sparks, Brian, Comtois Clock Museum, letter 112\(^{V25}\)
Spears, Chas., Watch Liverpool No. 1844 251\(^{V25}\)
Speel, Erica, Coloured Enamels and Enamelling, lecture 565\(^{V25}\)
Stackfread, mechanism 166, 501, 502, 503, 505\(^{V25}\)
Standard Time Company, Lund’s Patent Synchronised Clock, c. 1880 201\(^{V25}\)
Steve Frost, The Relationship between Power System Frequency and Clock Error, lecture 696\(^{V25}\)
Steve Thackery, Adventures of an Electrical Horology Beginner, lecture 470\(^{V25}\)
Stokes, Wm., Stourbridge, Yew longcase clock, early 18th C. 492\(^{V25}\)
Stolen Alex Purvis, North Audley Street, No. 15911831 table roller lever watch 358\(^{V25}\)
Diago Bolsa Real, Londres, musical bracket clock 357\(^{V25}\)
Edw. Prior, London No. 77402 Turkish market verge watch 358\(^{V25}\)
James Lowe Coventry, No. 57095 lever chronograph 358\(^{V25}\)
Le Roy & Son London, No. 0284 repeating lever watch 357\(^{V25}\)
Mudge & Dutton, No. 929 1771 cylinder watch 358\(^{V25}\)
Robt. Henderson, London, 8 day fusee wall clock 704\(^{V25}\)
Tho. Cope, Dublin 18C verge watch 358\(^{V25}\)
Thomas Deykin of Worcester, c. 1698 Marquetry Long case clock 356\(^{V25}\)
Thos. Bryant, London Bracket clock 357\(^{V25}\)
Treleaven Bodmin, No. 9691 1844 watch in silver paired case 358\(^{V25}\)
William Weichert, Cardiff, 8 day chronometer No. 2313 704\(^{V25}\)
Wm. Bowyer, London brass lantern clock early 17th C. 114\(^{V25}\)
<table>
<thead>
<tr>
<th>Description</th>
<th>Author/Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stopwatch, Anonymous, Presentation centre-seconds c. 1848</td>
<td>485v25</td>
</tr>
<tr>
<td>Strange, Alexander, Memorandum book</td>
<td>153v25</td>
</tr>
<tr>
<td>Stretch, John, Bristol, 30 hour longcase clock, c. 1705</td>
<td>705v25</td>
</tr>
<tr>
<td>Stretch, Samuel, balance lantern clock c. 1685</td>
<td>78v25</td>
</tr>
<tr>
<td>Stretch, William, 8 day longcase clock, c. 1730</td>
<td>680v25</td>
</tr>
<tr>
<td>Stringer, Lond. No. 48, Paired cased watch with chatelaine c. 1740's</td>
<td>630v25</td>
</tr>
<tr>
<td>Strut clock, Cole, Thomas, London, No. 1045, Giant, c. 1852</td>
<td>598v25</td>
</tr>
<tr>
<td>Sully, Henry, Versailles, 1724 Pendule à levier</td>
<td>12v25</td>
</tr>
<tr>
<td>Sundials</td>
<td></td>
</tr>
<tr>
<td>Anonymous Finger ring</td>
<td>33v25</td>
</tr>
<tr>
<td>Madauer, Bartholomeow, Pasau, 1554, chalice</td>
<td>35v25</td>
</tr>
<tr>
<td>Rugendas, Nikolas, Augsburg, 1690, equatorial</td>
<td>38v25</td>
</tr>
<tr>
<td>Schneip, Ulrich</td>
<td>Munich, 1587</td>
</tr>
<tr>
<td>Tompion, Thomas, 1703, gold horizontal inclining</td>
<td>34v25</td>
</tr>
<tr>
<td>Synchronised Clock, Standard Time Company, Lund’s Patent, c. 1880</td>
<td>201v25</td>
</tr>
<tr>
<td>Table clocks</td>
<td></td>
</tr>
<tr>
<td>Anonymous, French electric</td>
<td>75v25</td>
</tr>
<tr>
<td>Bartram, Simon, single handed spring c. 1650’s</td>
<td>279v25</td>
</tr>
<tr>
<td>Betts, Samuel, London, ebony veneered c. 1665</td>
<td>427v25</td>
</tr>
<tr>
<td>East, Edward, London</td>
<td>409v25</td>
</tr>
<tr>
<td>Farmer, John, London, c. 1665</td>
<td>428v25</td>
</tr>
<tr>
<td>Fromanteel, Ahasuerus, spring</td>
<td>283v25</td>
</tr>
<tr>
<td>Fromanteel, Red tortoise shell veneered</td>
<td>434v25</td>
</tr>
<tr>
<td>Hayle, Samuel, London, ebony veneered, c. 1670</td>
<td>424v25</td>
</tr>
<tr>
<td>Hilderson, John, London, H-No. 1, c. 1660</td>
<td>407v25</td>
</tr>
<tr>
<td>Hilderson, John, London, H-No. 2, table clock, c. 1660?</td>
<td>408v25</td>
</tr>
<tr>
<td>Hilderson, John, London, H-No. 4, c. 1665</td>
<td>412v25</td>
</tr>
<tr>
<td>Hilderson, John, London, H-No. 5, night, c. 1665</td>
<td>413v25</td>
</tr>
<tr>
<td>Hilderson, John, London, H-No. 6, c. 1690</td>
<td>416v25</td>
</tr>
<tr>
<td>Hilderson, John, London, H-No. 9,</td>
<td>432v25</td>
</tr>
<tr>
<td>Hilderson, John, London, H-No. 10, c. 1665</td>
<td>432v25</td>
</tr>
<tr>
<td>Hillius, Martin, Dresden, gilt metal</td>
<td>437v25</td>
</tr>
<tr>
<td>Hunter, Thos., London</td>
<td>439v25</td>
</tr>
<tr>
<td>Jones, Henry, London, (detail only)</td>
<td>426v25</td>
</tr>
<tr>
<td>King, William John, London, Grand Sonnerie automaton</td>
<td>444v25</td>
</tr>
<tr>
<td>Marshall, William, Dublin</td>
<td>448v25</td>
</tr>
<tr>
<td>Tompion &amp; Banger, London, No. 424 c.1705 (Ex. Moller collection)</td>
<td>446v25</td>
</tr>
<tr>
<td>Tompion, Thomas, London, No. 77 timepiece</td>
<td>440v25</td>
</tr>
<tr>
<td>Tregent, James,</td>
<td>439v25</td>
</tr>
<tr>
<td>Walker, Thomas, Portsea, automaton c. 1780</td>
<td>79v25</td>
</tr>
<tr>
<td>Windmills, Joseph, London, c. 1710</td>
<td>440v25</td>
</tr>
<tr>
<td>Table regulator, Robin, Robert, Paris, month duration with calendar and equation of time</td>
<td>480v25</td>
</tr>
<tr>
<td>Tavern clock, Drury, John, London, c. 1760</td>
<td>450v25</td>
</tr>
<tr>
<td>Taylor, London, Wall clock c.1800</td>
<td>83v25</td>
</tr>
<tr>
<td>Tennant, Joseph, apprenticed to Leonard Tennant, 1639</td>
<td>310v25</td>
</tr>
<tr>
<td>Tennant, Leonard, London, turret clock maker, c. 1605-46</td>
<td>305v25</td>
</tr>
<tr>
<td>Thackery, Steve, Adventures of an Electrical Horology Beginner, lecture</td>
<td>470v25</td>
</tr>
<tr>
<td>Theodore R. Crom, Black Forest Wheel Cutting Engines or Raderschneidzeug, note</td>
<td>198v25</td>
</tr>
<tr>
<td>Theurer, Robert, Rocking bow watch</td>
<td>294v25</td>
</tr>
<tr>
<td>Thompson, David, The Octavius Morgan Collection at the British Museum, lecture</td>
<td>101v25</td>
</tr>
<tr>
<td>Watches in the Ashmolean Museum Oxford Part I, article</td>
<td>501v25</td>
</tr>
<tr>
<td>Watches in the Ashmolean Museum Oxford Part II, article</td>
<td>62v25</td>
</tr>
<tr>
<td>Thornton, John, Sudbury, longcase clock dial c. 1710</td>
<td>691v25</td>
</tr>
<tr>
<td>Thornton, W. J., Samuel Deacon 'An Account Of My Self' Part I, article</td>
<td>324v25</td>
</tr>
</tbody>
</table>
Samuel Deacon ‘An Account Of My Self’ Part II - The First, notebook, article

Thorp, Samuel, Abberley, Turret clock

Three wheel clock, Breguet, Musée d’Horlogerie, Le Locle

Thwaites & Reed, London, turret clock, Ashwell church, c. 1890

Timepiece, Beck, R & J., with horizontal dial, Victorian

Smith, John & Sons, Clerkenwell, Night-watchman’s mantle

Tompson, Wm., 8 day clock, c.1700

Tompion & Banger, London, No. 424 table clock c.1705 (Ex. Moller collection)

Tompion, Thomas

London, No. 77 timepiece table clock

Copy of No. 222, bracket clock.

London, No. 406, pocket watch in engraved gold case, 1703, gold horizontal inclining sundial

Ebony veneered small bracket clock No. 77 London c. 1685

London, No. 365 month going longcase clock c. 1701

London, No. 298 ebony veneered bracket clock, c. 1700

London, No. 222, bracket clock, c. 1693

Tompson, John, apprenticed to Richard Nurse, 1626

Torry, Peter, Antiquarian Electrical Horology, lecture

Tregent, James, Table clock

Trehearn, Alan, Research on Peter Stubs Archive Papers, lecture

Treleaven, Bodmin, No. 9691 1844 watch in silver paired case

Tucher workshop, Nuremburg, c. 1590 ivory diptych dial

Tucher, Hans, Nuremburg, 1582, Lunar volvelle

Tuck, Paul

Emery No. 661 Further Comment, letter

The Genius of John Arnold, lecture

Watch escapements, lecture

Tully, François Le Guet and Turner, Anthony, A Regulator for Nice Observatory in 1930, article

Turner, William, London, Sheraton longcase clock, c. 1760

Turret clocks

Anonymous, three train

Anonymous, with foliot

B. L. Vulliamy, Dilton Marsh, 1847

Beaulieu Abbey, c. 1300

Cassiobury Park Hertfordshire. (Scallop-shell marked)

Chailey, near Haywards Heath, Sussex. (Scallop-shell school)

Christian, John, Blickling Hall, 1780

Clandon Park, Surrey. (Scallop-shell marked)

Cuddington, Buckinghamshire. (Scallop-shell school)

Dent, E., London, c. 1858

Dover Castle, Kent. (Scallop-shell marked)

Hase, William, Oulton Hall, Saxthorpe, c. 1814

Clarke, John, Christ Church, Warminster, c.1758

Knibb, Joseph, London, Burley-on-the-Hill, c. 1678

Leicester Automaton Clock

Norrington Court, Wiltshire. (Scallop-shell school)

Off set pendulums

Ousebridge Chapel. (Scallop-shell school)

Page & Christian

Page, Thomas, Barton Hall

Page, Thomas, Wolterton hall

Page, Thomas, Wymondham Abbey, 1724

Quickswood Farm, Hertfordshire. (Scallop-shell marked)

Russell, Benj., Spixworth Norwich, c. 1730
Shilinglee Park, Surrey. (Scallop-shell school) 150, 318V25
St Andrew's, Orwell, Cambridgeshire. (Scallop-shell marked) 149, 307V25
St John the Baptist, Corby, Northamptonshire. (Scallop-shell marked) 149, 307V25
St John the Baptist, Hackney. (Scallop-shell school) 150V25
St Martin's, East Horsley, Surrey. (Scallop-shell school) 150, 318V25
St Peter's, Buntingford, Hertfordshire. (Scallop-shell marked) 149, 306V25
Strasbourg cathedral clock 50V25
Thwaites & Reed, London, Ashwell church, c. 1890 697V25
Thorp, Samuel, Abberley, 342V25
Watts, John, Stamford, Clipsham church, c. 1688 697V25
West Hoathly, Sussex. (Scallop-shell school) 150V25
Yateley, Hampshire. (Scallop-shell school) 150V25

Upton, Fred & Joan, *Vitreous Enamel Dial Production and Restoration*, lecture 576V25
Vacheron & Constantin, Platinum Self-Winding sector wristwatch, c. 1995 381V25
van Gheele, Ghylis, , London, oval gilt brass watch, c. 1589 262V25
Vaughn, Denys, & Arnfield, Jim, *AHS Continental Study Tour 18 to 25 September 1999*, article 263V25
Vaughn, Denys, *Hipp Clock: A Correction*, letter 475V25
*Reconstruction of Astronomical Clocks in St. Mary’s Gdansk*, lecture 576V25
William Palmer and his Electric Clock System, article 643V25
Vichy, ‘The Smoker’, automaton c. 1875 127V25
Viscount Alan Midleton, , *Deck Watches of the Dreadnought Period 1897 - 1920*, lecture 694V25
Volkmer, Tobias, Brunswick, 1594, astrolabe 32V25
Vulliamy, B. L., , Turret clock, Dilton Marsh, 1847 220V25
Wadge, Chris and Patrick, *400 day Clocks*, lecture 213V25
Wady, William, Bristol, Longcase clock 467V25
Walker, Thomas, Portsea, automaton table clock c. 1780 79V25
Wall alarmsV25
Dutton, Matthew & Thomas, London, No. 261 miniature brass 442V25
Hilderson, John, London, H-No. 8, weight driven, c. 1665 418V25
Knibb, Joseph, Hooded 77V25
Taylor, London, c.1800 83V25
Woolley, John, Codnor, 30 hour, c. 1765 603V25
Waller, Thomas, quarter chiming mahogany long case clock, Preston c.1740 247V25
Warner, John, *Clock Repairing*, lecture 574V25
*The Great Clock of Westminster*, lecture 100V25

WatchesV25
Anonymous, Bras en l’air calendar 272V25
Anonymous, Musical automata 272V25
Anonymous, Skeleton 272V25
Anonymous, Toubillon 273V25
Anonymous, detached centre-seconds, Johnson’s Patent No. 2702, Nov. 1855 293V25
Anonymous, German Spherical Stackfreed, (Ex. Albert Schloss Collection) mid 16th C. 502V25
Banks, I., Nottingham, verge c. 1695 500V25
Bensen, J.W., English gold half-hunter 592V25
Bertaut, Hr., Paris, quarter repeating cylinder, c. 1822 - 38 605V25
Berthoud, Ferdinand, Paris, No. 427, c. 1769 632V25
Bocketts, Jan Janssen, Dutch, ovoid, c. 1607 481V25
Breguet et Fils Paris, No. 3495, ‘montre à tact’, c. 1820 635V25
Brettouneau, August, Paris, fully enamelled, c. 1650 518V25
De La Garde, Jaques, Blois, spherical cased with Stackfreed, 1551 501V25
Frodsham, Charles, London, No. 08647 Tourbillon 18V25
Graham, George, London, No. 5373 horizontal escapement c. 1729 132V25
Graham, George, London, No. 826, c. 1740 626V25
Gribelin, Abraham, Blois, Oval, mid 17th C.
Grundler, Andreas, Friburg, c. 1730
Haug, Samuel, Augsburg, Stackfreed, Early 17th C.
Hill, Benjamin, London, Oval verge calendar, c. 1660
Hill, Benjamin, London, Pair case verge, c. 1660
Ilbery, William, London, No. 6582, Chinese market
Japanese inro
Jaquet-Droz et Lescot Swiss enameled singing bird c. 1795
Koch, Hans, Munich, Stackfreed compendium c. 1580
Kullberg, Victor London, No. 203 c.1871
McCabe, Thomas, Belfast, No. 10.
Morgan, Richard, London, Scallop-shell shaped, c. 1630
Mudge & Dutton, London, No. 982, quarter repeating, c. 1773
Nawe, Francis, London, Ovoid, Late 16th C.
New York Standard Co., with worm gear escapement, c. 1887
Omega, 'Marine'
Omega, 'Record'
Omega, Constellation mega quartz
Omega, Skeletonised tourbillon
Omega, ultra thin quartz
Pennington, London, No. 1306, deck
Quare, Daniel, London, No. 611 quarter repeating c. 1687
Smith, George, London, verge, c. 1630
Spears, Chas., Liverpool No. 1844
Stringer Lond. No. 48, Paired cased with chatelaine c. 1740’s
Theurer, Robert, Rocking bow
Wise, Luke, Reading, enameled, 17th C.

Watchcase Makers, List of over 100 makers
Watts, John, Stamford, Turret clock, Clipsham church, c. 1688
Webb, Raymond, Electric Master Clocks, lecture
Webster, Richard, London, mahogany regulator
Weichert, William, , , Cardiff, 8 day chronometer No. 2313
Weston, Anthony , A Reassessment of the Clocks of John Hilderson and other Members of the 'East School', article

Whatmoor, Derek, Morez Tower Clocks , letter
Wheeler, Thomas, London, 8 day Marquetry longcase clock, c. 1700
Whitehurst
Derby, No. 2830, Quarter striking longcase clock
Derby, No. 4002 watchman’s longcase clock timepiece
Whitelaw, David, Skeleton clock, c. 1830
Whitestone, Sebastian, Tompion’s Smallest Clock Copied and Contemplated, article
Wilding, John, Verge Knife Edge Beds , letter
Wilkie, Robert, Cigar, Fife, Scottish musical longcase clock c. 1780
Willmott, Thomas, apprenticed to Leonard Tennant, 1638
Windmills, Joseph, London, Table clock, c. 1710
Wise, Luke, Reading, enameled watch, 17th C.

Wolley, Coddor, 30 hour oak longcase clock
Woodworth, Prof. Philip L., The Tidal Clock of James Ferguson FRS, letter
Woolley, John, Coddor, 30 hour wall clock, c. 1765
Wotton, Peter, 400 day torsion pendulum clocks, lecture
Wren, Robert, Robert Apps Clockmaker of Battle, lecture

Wrench, John, Chester, walnut bracket clock, c. 1735
Wright, M. T., Moxon'S Mechanick Exercises: or Every Man his own Clock-smith, article
Wright, Thomas, London, Bracket clock
Wrist watches

Audemars Piguet, Platinum minute repeating jump hour c. 1990 381
Cartier, Gold asymmetrical ‘Crash’ c. 1975 381
Patek Philippe, Genéve, Ref. 1505 with triple date, 1938 487
Vacheron & Constantin, Platinum Self-Winding sector, c. 1995 381
ANTIQUEARIAN HOROLOGY
AND THE PROCEEDINGS OF
THE ANTIQUARIAN HOROLOGICAL SOCIETY

VOLUME XXVI
March 2001 to June 2002

THE ANTIQUARIAN HOROLOGICAL SOCIETY
TICEHURST
MMII
VOLUME TWENTY-SIX

Pagination of Issues
One March 2001 1 - 116
Two June 2001 117 - 216
Three September 2001 217 - 332
Four December 2001 333 - 456
Five March 2002 457 - 588
Six June 2002 589 - 704
Index 705 - 724

List of Articles Volume XXVI
Horology under the Hammer Watches at Auction 1998-2000 by Paul Tuck 25V26
Arnold 75 Revisited by M. E. Cattermole 42V26
Benjamin Hill Some Further Notes by Jeremy Evans 52V26
The McCabes Watch & Clock Makers of Ulster Part II by David A. Bell 62V26
The Cassiobury Park and Dover Castle Turret Clocks Some Further Notes by Ken Ming 79V26
The Vaughans of Pontypool A Family of Clockmakers and their Clocks by William Linnard 137V26
Leicester's Automaton Clock by Allan A. Mills 149V26
George Newton of Seend A Recently Discovered Clock by John Hooper 160V26
Thomas Tompion's Workmen's Clocks by Jonathan Betts 165V26
The Brockbanks Chronometer Makers of London Part I by F von Osterhausen 244V26
James Harold Agar Baugh Pendulum Maker by Alfred Thomas 257V26
Samuel Deacon 'An Account Of My Self' Part III - The First Notebook by W J. Thornton 263V26
The Horologium a Critical Review by R. D. Dobson and R. J. C. Dobson 274V26
The Brockbanks Chronometer Makers of London Part II by F von Osterhausen 355V26
Philip Melanchthon's Watch Dated 1530 by Maia Wellington Gahtan and George Thomas 377V26
Black Forest Clockmakers Carriers and Retailers with United Kingdom Connections by Paul Buck 389V26
Westfield's Patent by Paul Tuck 407V26
Langley Bradley - A Judicious Workman Part I: Historical Details & Domestic Output by Brynn Hodgson 477V26
Some Early Clocks from Nuremberg by J. H. Leopold 505V26
Samuel Harlow of Ashbourne and his Longcase Movements by John A. Robey 527V26
Langley Bradley - A Judicious Workman Part II: Turret Clocks by Brynn Hodgson 611V26
French Clocks in American Collections by William J. H. Andrewes 628V26
INDEX TO VOLUME TWENTY-SIX
Compiled by Edward Powell

Page numbers in bold type donate an illustration.

Adams Sr., George, c. 1762 universal ring dial
306

AHS Horological News

‘Clocks and Chronometers’ seminar National Maritime Museum 24
Clocks in the British Museum ‘The English Clock 1650-1715’ meeting 240, 354
Export bar on astronomical clock 610
‘For as Little as a Dollar’ Exhibition 23
Gilded Age elegance shines in Wernher collection 609
Horological lecture West Dean 609
John Harrison and his Timekeepers Video 240

Obituaries for:

Cedric Jagger, 1920 - 2002 by Lawrance Hurst 608
Eric M. Bruton, 1915 - 2000 by David Callaghan 23
Kenneth D. Roberts, 1916 - 2000 by Alan Smith 22
Peter Gwynn, 1905 - 2001 by Michael Hurst 236
Peter Norman Haward, 1925 - 2001 by Clifford Bird 237
Professor E. T. Hall CBE 1924 - 2001 by Sebastian Whitestone 352
Ronald A. Lee, 1913 - 2000 by Peter Gwynn 20

Open Day at West Dean College 354
Open Museum Seminars at the National Maritime Museum 354
Some New Faces at the British Museum 476
Sundial in Memory of Richard Towneley 476
The Art of the Timekeeper Exhibition New York 237
The Clock Room at the Guildhall Library 136
The Queen Elizabeth Trust Scholarship 130
The World of Complication Watches Exhibition Geneva 136

AHS Journal Editorials

by Jeff Darken
A New Harrison Documentary 235
A New Look 475
Bring and Discuss 351
Journal Matters 19
Less Weight 135

by Rita Shenton
Editorial 607

AHS News

AGM & Full Day Event 291
AGM Future Dates 291
AGM Reports (by speaker, reporter’s name in brackets) 291
AGM & Full Day Event Wendy Barr 291
AGM, First Lecture, ‘Orreries and Planetaria’ by Peter Grimwood (J. R. Cheetham) 294
AGM, Second lecture, ‘The Study of Time - Where have we come from?’ by Dr. Silke Ackermann 294
AGM, Third lecture, ‘Clocks in the National Trust Collections’ by Jonathan Betts (S. B. de Save) 294

AHS Tour 2002 430
An increase in Annual Subscriptions 291
Blythe House Clock Store 92
Chairman’s Notes 193
Clocks in the British Museum 431
Confidential Insurance Policy for Members Collections 90
Direct Debit Mandates 680
Dutch Tour 2001 557
Election of Members of Council
Fiftieth Anniversary AGM 29-30 March 2003
Hands on Study at the British Museum
Library Funding
Library Notes
Marcoolyn Bequest and Auction
New Sections in Oxford and York
New Honorary Treasurer
Percy Dawson Medal
Reprint of turret clock Book
Secretary’s Notes
The Post of Treasurer of The Society
Watchmaking in Llangollen

AHS publications
AHS Section Reports by section and reporter

Main Meeting
Jeff Darken
M. Gibbons
Andrew King
Ted Powell
David Thompson

Scottish Section
G. Campbell
Bob Lindsay

Northern Section
Jim Hannah

Midlands Section
Margaret Chatham
Anne Cow sill
Peter Frankland
Alan Hipkin
Paul Platt
John Robey
Brian Sparks
Philip Spruce

East Anglian Section
John Gratidge
Brynn Hodgson
Richard Lincoln
R. F. Parrott
John Wastell

South Eastern Section
Michael Gibbons
Jack Knight
David C. Stoner
John Warner

Southern Section
Tony Duley
Derek Frampton
Ken Shenton

West Country Section
Clive Ponsford

Electrical Section
Derek Bird
James Nye

Turret Group

430 V26
556, 608 V26
91 V26
431 V26
90, 194, 291, 430, 556, 680 V26
556 V26
194 V26
90, 556 V26
431 V26
194, 431, 680 V26
90 V26
91 V26
85, 190, 287, 426, 551, 676 V26
94, 194, 560, V26
561 V26
94, 295 V26
94 V26
432, V26
95, 195, 296, 433, 562 V26
563 V26
96, 196, 297, 434, 563 V26
198 V26
299 V26
197 V26
96 V26
197, 434 V26
298 V26
96, 435 V26
298, 564 V26
299 V26
299 V26
97 V26
198 V26
98, 199, 435 V26
99, 301 V26
200, 436 V26
567 V26
565 V26
99, 201, 569 V26
300 V26
200, 300, 437, 568 V26
99, 301 V26
99, 201, 302, 437, 569 V26
Stewart Whillis
Allam, William, London 18th C bracket clock
Alleston, James, Dick Oliver Film, letter
Andrews, Neil, Neglected Makers, letter
Anonymous
Augsburg table clock
atelier clock
Comtoise clock movement
French 1533 Gothic wall clock
French hexagonal table clock c. 1500
German 16th C. spherical watch
German 16th C. spherical musk container
German 19th C. quarter striking table clock
hexagonal table clock movement
Italian Tabernacle clock c. 1579 (in Wernher collection)
longcase clock with astronomical dial
longcase regulator
musical box movement (incomplete), mid 17th Century
musical watch with automata c 1820
Nuremburg, c. 1530 round table clock
Nürnberg, 1540-50 spherical watch
Oriental Automaton clock
spring driven hexagonal table clock movement
Stoeltjes clock movement
verge watch movements
wall clock, 19th C. Painted case.
wall clock, 19th C. Papier-mâché case
c. 1760. Tavern Clock
Antram, Joseph, c. 1715, musical table clock
Appley, Edmund, bracket clock
Arlander Dobson, London, 1745 quarter repeating bracket clock
Arnfield, Jim
Chronographs, lecture
videos, lecture
Arnold, John Roger, No. 75 chronometer
Asselin, London c. 1770 month going longcase clock
Atkins & Son
Atkins and Moore
Atkins, George, watchmaker
Atkins, Samuel Elliot, watchmaker
Audience clock, Janvier, Antanide, No. 314
Automaton clock:
All Saints' Church, Leicester
Anonymous, Oriental
B
Baccuet, c. 1675-80 enamelled watch, case by Huand
Baker, Paul
Mandrels, lecture
Northern Section Report, letter
Balance spring clock Thuret, Isaac, c. 1675
Banjo clock, Tift, Horace, c. 1835
Barber, Jonas, Winster, No. 1325 c. 1788 longcase clock
Barlow, Benjamin, Oldham c. 1770 longcase clock
Barometer clock marquetry Thuret, I., c. 1690 - 1700
Barometer Vulliamy, c. 1787. on plinth
Barraud & Lund, London, No. 3/4702 watch
Barrow, John, London, early eighteenth century. longcase clock 94
Barry, Thomas, Ormskirk, 18th C. astronomical table clock 610
Barwise, c. 1765, Cockermouth, mahogany longcase clock 9
Beauchain drum clock c. 1540 636
Bedford, Hilkiah, London, longcase clock 184
Bell, David A., awarded the Percy Dawson medal 2001 556
Benedikz, Phyllis, The Birmingham Assay Office, lecture 197
Bennett, Mansell, c. 1700. longcase clock 94
Bernard, Paris c. 1630 watch 28
Berthoud, Ferdinand, 1767 longcase regulator 648
Berthoud, Paris No. 4782 self-winding watch 560
Best, Robert, watch 36
Betts, Jonathan
Arnold 75 Revisited, letter 311
Arnold, Earnshaw & Brockbanks, letter 575
Less Weight, letter 313
Reply to Alan Smith on Tompions Workmen's Clocks, letter 315
Earnshaw, Emery and their Generation of Watchmakers, lecture 435
Beverley, James, London, c. 1690. longcase clock 92
Bird, Clifford, Genealogy for Horologists, lecture 98
Black Forest clock-makers, carriers and retailers with UK connections, list of 393
Blair, Robert, Bring and Discuss Commentary, letter 578
Blois, hexagonal table clock c. 1520 634
Bobinet, Charles, enamelled watch c 1640 32
Book, 'Longitude an appeal to the public by Thomas Earnshaw' 123
Antiquoramus, Geneva, 100 Years Wristwatches, cat. of sale 19 Nov. 2000.
Arnaldi, Mario, The ancient sundials of Ireland, 2000.
Bailey, Chris and Blackwell, Dana J. Herman Clark and the 'Salem Bridge' Shelf Clocks, 1980.
Berthoud, Ferdinand (translated by Lawrence Alan Seymore) How to manage and regulate clocks and watches for the use of those who have no knowledge of horology, 1999.
Blackwell, Dana J. "Vienna Regulators" of Lenzkirch and Lorenz Bob ca 1870 - with historical essay and suggestions for their care, 1981.
Caudine, Alain, La grande horloge la comtoise au XIXe siecle, 1992.
Daumas, Maurice Les Instruments Sciencesfiques aux XVIIe et XVIIIe sucles, 1953.
Earnshaw, Thomas (introduction by R. John Griffiths) Longitude: An appeal to the public stating Mr Thomas Earnshaw claim to be the original invention, facsimilie 1986.
Etchells, C. T. Repairing Repeating Watches A Practical Treatise for the use of Apprentice and Journeyman, [1880].
Gouk, Penelope The Ivory Sundials of Nuremberg. 1500-1700, 1988.
Guillaume, Ch. Ed. L’invar et L’elinvar, reprint 1974 (includes biography of Guillaume and bibliography of his works).
Horology from Encyclopaedia Britannica, extracted from 8th edn. 1855.
Janvier, Antide Manuel Chronometrique, 1815.
Kiu Tai Yu, Time in pocket, rare pieces from Asia’s largest and finest private pocket watches collection, 1992.
Matthey, J.P Le Pendalier Neuchâtelois, n.d.
McKay, Chris (Compiler) J. Smith and Sons of Clerkenwell facsimiles of articles and trade literature, 2001.
Moore, A. J., The Clockmakers of Bristol, 1650-1900 (Together witha Supplementary List of the
Clockmakers of Bath 1650-1900, 1999.
Osborne, Clive A. Gibraltar Clock and Watch Makers, 1999.
Patents For Inventions, Group XVIII includes Horology. Abridgements of Specifications Nos 340001-440000, 1931-34.
Roberts, Derek, Antiques Millennium Exhibition, 24 October - 2 December, 2000.
Simmons, J. S. G., Wren's dial remov'd: or High-Victorian huiris at All Souls, 2000.
Simoni, Antonio Orologi Italiani dal cinquecento all'ottocento, 1965.
Tennant, M.E Longcase Painted Dials, their history and restoration, 1995.
Yde-Anderson, D. Bombolmre og andre gamle ure, [Lists Danish Makers pp. 165-198], 2nd Ed. 1968.

Books purchased by Jim Cowsill Memorial Fund:-
Chapuis, Alfred, L'horlogerie une tradition Helvitiue, 1948.

Books purchased in memory of Mr J.C. Gemmill.
Ball, Robert WD. American Shelf and wall clocks, revised and enlarged, 1999.
Nicholson, Don and Alice Novelty and Animated Wall Pendalette Clocks, 1977.

Books purchased in memory of Ronald A. Lee:

Books microfiches of manuscripts:
Fiche No.59, Solon Abbott's Watch Book 1869-1879.
Fiche No.61, Benjamin Gray's Day Book.
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>ISBN</th>
<th>Reviewer</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selling the True Time Nineteenth Century Timekeeping in America</td>
<td>Bartky, Ian R.</td>
<td>0804738742</td>
<td>Betts</td>
<td>573</td>
</tr>
<tr>
<td>Herne Bay Clock Tower</td>
<td>Bundock, Mick</td>
<td>0953897702</td>
<td>Jeff Darken</td>
<td>443</td>
</tr>
<tr>
<td>English and Scottish Musical Clocks</td>
<td>Cloutman, Edward</td>
<td>090180351</td>
<td>John Hooper</td>
<td>205</td>
</tr>
<tr>
<td>All in Good Time Reflections of a watchmaker</td>
<td>Daniels, George</td>
<td>01198172249</td>
<td>Philip Preistley</td>
<td>439</td>
</tr>
<tr>
<td>Sundials Their Construction and Use</td>
<td>Mayall, R. N. and Mayall, M. W.</td>
<td>070906303</td>
<td>Bateman</td>
<td>101</td>
</tr>
<tr>
<td>Mechanical Singing Bird Tabatiere</td>
<td>Mayson, Geoffrey T.</td>
<td>070906303</td>
<td>Godier</td>
<td>307</td>
</tr>
<tr>
<td>Adams of Fleet Street, Instrument makers to King George III</td>
<td>Millburn, John R.</td>
<td>0953897729</td>
<td>Jeff Darken</td>
<td>443</td>
</tr>
<tr>
<td>Early watch Case Makers of England 1631-1720</td>
<td>Penney, David, Nicole, Nielsen &amp; Co.</td>
<td>0953312216</td>
<td>Jonathan Betts</td>
<td>101</td>
</tr>
<tr>
<td>The longcase clock Reference Book</td>
<td>Preistley, Phillip</td>
<td>09540525.I.X</td>
<td>Michael Hurst</td>
<td>690</td>
</tr>
<tr>
<td>The Universe Unvailed</td>
<td>Stephenson, Bruce</td>
<td>0521 79143</td>
<td>Jeff Darken</td>
<td>308</td>
</tr>
<tr>
<td>Watch and Clockmakers in Ireland</td>
<td>Stuart, William Galland</td>
<td>0953968804</td>
<td>Jeff Darken</td>
<td>444</td>
</tr>
<tr>
<td>The Ferrous Metallurgy of Early Clocks and Watches</td>
<td>Wayman, M. L.</td>
<td>2000</td>
<td>John Robey</td>
<td>101</td>
</tr>
<tr>
<td>André Charles longcese clock case c. 1676</td>
<td>Boule, André Charles</td>
<td>642</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dresden c. 1670 mechanical almanac</td>
<td>Boyling, Christian</td>
<td>333</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moricand, Chas., Geneva, 1825</td>
<td>Bracelet watch</td>
<td>37</td>
<td></td>
<td></td>
</tr>
<tr>
<td>London 18th C</td>
<td>Allam, William</td>
<td>119</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Langley, double basket top</td>
<td>Appley, Edmund</td>
<td>29</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thomas, London, c. 1705-10</td>
<td>Arlander Dobson, London</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Langley, c. 1730</td>
<td>Bradley, Lang. &amp; Benj., c. 1730</td>
<td>493</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thomas, London, c. 1705-10</td>
<td>Bradley, Langley, double basket top</td>
<td>493</td>
<td></td>
<td></td>
</tr>
<tr>
<td>London, mid 18th C. stolen</td>
<td>Cattell, Thomas, London</td>
<td>218</td>
<td></td>
<td></td>
</tr>
<tr>
<td>London, c. 1695</td>
<td>Clarke, Thomas, London</td>
<td>107</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rugby, c. 1800</td>
<td>Dalton, Saml., Rugby</td>
<td>129</td>
<td></td>
<td></td>
</tr>
<tr>
<td>London, c. 1695</td>
<td>Davis, Thomas, Londini</td>
<td>222</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. 1795, George III mahogany</td>
<td>De Lasalle, Thomas, London</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Claudius, Londini</td>
<td>du Chesne</td>
<td>459</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Berkley Square</td>
<td>Dwerrihouse</td>
<td>232</td>
<td></td>
<td></td>
</tr>
<tr>
<td>London c.1735-40</td>
<td>Ellicott, John</td>
<td>234</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Strand, London No. 43</td>
<td>Grimalde &amp; Johnson</td>
<td>118</td>
<td></td>
<td></td>
</tr>
<tr>
<td>London, Regency stolen</td>
<td>Holmes, T., London</td>
<td>107</td>
<td></td>
<td></td>
</tr>
<tr>
<td>‘In The Temple’, London, c. 1676</td>
<td>Jones, Henry</td>
<td>239</td>
<td></td>
<td></td>
</tr>
<tr>
<td>London, c.1680-85</td>
<td>Joseph, Knibb, Londini</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>grand sonnerie, c. 1685</td>
<td>Knibb, Joseph, Londini</td>
<td>588</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. 1680</td>
<td>Knibb, Joseph, Londini</td>
<td>334</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Londini</td>
<td>Knibb, Joseph, Londini</td>
<td>704</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Londini</td>
<td>Knibb, Joseph, Londini</td>
<td>703</td>
<td></td>
<td></td>
</tr>
<tr>
<td>month going,</td>
<td>Lowndes, Jonathan, London</td>
<td>13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>quarter repeating ebonised</td>
<td>Massey, Henry</td>
<td>603</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Londini, c. 1705, quarter repeating</td>
<td>Mondehare, J., Londini</td>
<td>116</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Londino, c. 1698</td>
<td>Quare, Dan</td>
<td>606</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stephen,</td>
<td>Rimbault, Stephen</td>
<td>92</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Rose & Sond, c. 1770
Shaw, John, Holborn c. 1705
Shelton John, London, c. 1740
Smith, James, 1780 stolen
Tompion, Thomas, London c1680
Vulliamy, c. 1814
Watson, Sam, London 1685, quarter repeating
Waylett, R. S., London, lancet
Windmills, London, mirrored glass

Bracket timepiece
Drury, John, c. 1745
Knibb, Joseph, Londini, 17th C
Bradley, Lang. & Benj., c. 1730 bracket clock
Bradley, Langley; clocks
Bancroft Hospital, Mile End, 1734, turret clock
Blenheim Palace, turret clock 1710
Bourne Hall, Cambridgeshire, turret clock
Bourne Hall, turret clock
bracket clock, double basket top
calendar watch
Cranford Park, London, turret clock
Goodwood House, turret clock
Grey Coat Hospital, Westminster, 1710, turret clock
Hampton Court, turret clock
longcase clock
Lucton School, Herefordshire, 1708, turret clock
St. Clement Dane’s, London, turret clock
St. Dunstans, Stepney, turret clock
St. Giles Cathedral, Edinburgh, turret clock
St. Giles, Cripplegate, turret clock
St. Magnus the Martyre, turret clock
St. Margaret’s, Westminster, turret clock
St. Mary le Bow, turret clock
The Royal Exchange, turret clock
The Royal Hospital for Seamen, Greenwich, turret clock
turret clock 1708
Whitehall Pallace, turret clock
Wooton, Oxfordshire, turret clock

Bradley, London, watch movement
Bradley, London, watches
Breguet
No. 13 watch
No. 46 1837, quarter repeating carriage clock
No. 222 Sympathetique clock
No. 3259 watch
No. 4580 watch
Breguet/Recordon, London No.1297 tourbillon watch 1805-10
Brockbank & Atkins & Moore No. 2070 8 day ships chronometer
Brockbank & Atkins
No. 818 1816 pocket chronometer
No. 825 1817 pocket chronometer
No. 6825 c. 1816 pocket chronometer
Brockbank & Grove
Brockbank, Atkins and Moore
Brockbank, Edward, clockmaker
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brockbank, Henry</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank, John, watchmaker</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank, John (II), watchmaker</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank, John Edward, watchmaker</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank, list of movements with numbers and dates</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank, Miles, watchmaker</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank, William, watchmaker</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank, Jno., London, No. 10 coach watch</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbanks, Jno., London, No. 1211, 1779 cylinder watch</td>
<td>V26</td>
</tr>
<tr>
<td>Brown, William, Coventry, watch case maker</td>
<td>V26</td>
</tr>
<tr>
<td>Bruton, Eric M., obituary for by David Callaghan</td>
<td>V26</td>
</tr>
<tr>
<td>Camerer Cuss, Terence, <em>Brockbanks Coach Watches</em>, letter</td>
<td>V26</td>
</tr>
<tr>
<td>Campiche master clock</td>
<td>V26</td>
</tr>
<tr>
<td>Carli, Ferdinand, 1639 Portrait medal,</td>
<td>V26</td>
</tr>
<tr>
<td>Carriage clock, Anonymous,</td>
<td>V26</td>
</tr>
<tr>
<td>Breguet, quarter repeating No. 46 1837</td>
<td>V26</td>
</tr>
<tr>
<td>Carter, mid 19th C</td>
<td>V26</td>
</tr>
<tr>
<td>French stolen</td>
<td>V26</td>
</tr>
<tr>
<td>Payne &amp; Co. New Bond Street, London 19th C satinwood large, Dent Edward John, No. 22485 c. 1850</td>
<td>V26</td>
</tr>
<tr>
<td>Carter, mid 19th C carriage clock</td>
<td>V26</td>
</tr>
<tr>
<td>Cattell, Thomas, London, c. 1705-10 bracket clock</td>
<td>V26</td>
</tr>
<tr>
<td>Cattermole, M. E., Re. Arnold 75 Revisited, letter</td>
<td>V26</td>
</tr>
<tr>
<td>Charleville. Domine, French, c. 1775. longcase clock</td>
<td>V26</td>
</tr>
<tr>
<td>Chronometers</td>
<td>V26</td>
</tr>
<tr>
<td>Arnold, John Roger, No. 75 marine,</td>
<td>V26</td>
</tr>
<tr>
<td>8 day, Brockbank &amp; Atkins &amp; Moore No. 2070</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbanks, No. 632, 1806</td>
<td>V26</td>
</tr>
<tr>
<td>Kullberg, Victor, No. 9186 two day stolen</td>
<td>V26</td>
</tr>
<tr>
<td>Pennington, London, No. 283 c. 1845</td>
<td>V26</td>
</tr>
<tr>
<td>pocket</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank &amp; Atkins, No. 818 1816</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank &amp; Atkins, No. 825 1817</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank &amp; Atkins, No. 6825 c. 1816</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank, No. 919</td>
<td>V26</td>
</tr>
<tr>
<td>Brockbank, No. 3834</td>
<td>V26</td>
</tr>
</tbody>
</table>
Brockbank, No. 4448 1801
Brockbank, No. 5858
Brockbanks No. 4302
Brockbanks, London, No. 422 1788,
Brockbanks, London, No. 445 1788,
Brockbanks, London, No. 463 1788,
Earnshaw No. 2228 1784
Jamison, George, Queen Street, Portsea, No. 133
Poole, John, 57 Fenchurch Street, London,
with Petto cross detent escapement, Brockbanks, London, No. 518 c. 18/01,
Ross, Daniel, Exeter, No. 4799, c. 1837
Clare, Peter, Manchester c. 1760 longcase clock
Clare, Samuel, Warrington c. 1768 longcase clock
Clarke, Richard, London, mid 18th C. bracket clock stolen
Clarke, Sam., Coventry, 1821 watch
Clement, William, London, c. 1690, longcase clock
Clerke, Royal Exchange 1891 No. 1 watch
Cliborne, A.J., Josiah Emery newly recorded watch No. 823, letter
Clock hawker drawings Scharf, Black Forest
Clock movement, Anon Stoeltjes
Clock weight, Stone
Clockmakers
Brockbank, Edward,
Torado, Francis, 1633
Torado, Francis, (Junior) c. 1662
Cloutman, Dr. Ed, Computer in Horology, lecture
Coach watchs
Brockbank, Jno., London, No. 10
Brockbank, London, c. 1769
Brockbank, London,
Cockwill, Hugh,
Clocks by Aylward (John & others), letter
Faces of Time, lecture
Cole, Mortimer George, (watch patent)
Cole, Thos. No. 1771, 1862 tripod table clock
Cole, Thos., No. 1304 Strut clock
Cole, Thos. travelling timepieces
Collas à Paris table regulator
Colley, Thos., London c. 1760 ex. Wetherfield collection longcase clock
Comtoise clock movement, Anonymous,
Condliff, Circus St. Liverpool c. 1820 wall clock
Cooper, Joseph, Malpas, c. 1730 longcase clock
Coupsun a Paris c. 1780 watch
Crabtree, Geoffery, An Early Massey 2 Watch, letter
Craddock, Paul, Clocks in the Royal Collection, lecture
Craven, Maxwell, Whitehursts of Derby, lecture
Creswell, Edmund, Manchester c. 1760 longcase clock
Crisford, Andrew, Breguet's English Clients, lecture
Crucifix sundial Reichle, Melchior, 1597
Cruttenden, Thomas in Yorke c. 1685 longcase clock
Cuper, P., Bloys early 17th C silver oval verge watch
Cylinder watchs
Brockbank, No. 5176 1805
Brockbanks, Jno., London, No. 1211, 1779
Czajkowski, Michael, Dr. Michael Graham (1840 - 1938) Amateur Horologist Funchal, Madeira, letter

253
187
231
59
10
674
92
30
694
390
278
424
244
654
656
99
580
568
41
458
8
590
332
334
279
59
597
287
319
97, 689
96, 434
231
561
294
599
349
361
248
321
Dalton, Saml., Rugby, c. 1800 bracket clock 129
Dareau, Dr. Michel, *Seventeenth century Scottish Clocks*, lecture 95
Davies, Joseph, London, early 18th C green japanned longcase clock 93
Davis, Arthur, Westleigh, 30 hour musical clock 284
Davis, Thomas, Londini, c. 1695 bracket clock 225
de Fobis, Pierre, c.1532 hexagonal table clock 630, 635
De St. Leu, Daniel, c 1785 watch 27
Deacon, Barton, No. 70 c. 1775 longcase clock movement and dial 271
Debon, Joseph, Paris No. 382 c. 1795 decimal watch 28
Delandet; c. 1740. longcase clock 93
Dent, Edward John, No. 22485 c. 1850 large carriage clock 473
Dutch, second half of the 18th C. longcase clock (casework only), 93
Dwerrihouse, Berkley Square bracket clock 232
Earnshaw No. 2228 1784 pocket chronometer 250
Ecclesham, Davison, c. 1775. longcase clock 93
Edey, Winthrop Kellogg 630
Elleby & Sons, Ashbourne, 1837 turret clock 565
c. 1735-40 bracket clock 94
Escapement drawings, Massey 671
Evans, Jeremy

*A Post Quondam Date for the Work of John Hinderson?*, letter 105
*The Cassiobury and Dover Clock*, letter 209
*Tompion’s Unusual H*, letter 209
*Where are they Now?*, letter 322

Exhibition ‘For as Little as a Dollar’ Prescot Museum 23

Finney, Joseph, Liverpool, 1769 year duration longcase regulator with equation of time 221
turret clock Holy Trinity, Whitehaven 176
Fobis, Pierre de, c. 1530. French gilt bronze table clock 238
French carriage clock stolen 107
French, Dr. Richard, *Forty-four pocket watch movements*, lecture 301
French, Royal Exchange, London 410
No. 1345 watch movement 410
No. 1356 watch movement 410
No. 1381 watch movement 411
Frck Collection 630
Frodsham, Charles, No. 05512 1867 watch with double rotary detached escapement 29
Frodsham, London, lancet mantel clock 468
Fromanteel going barrel movement 277
Fromanteel, A. c. 1660. longcase clock 94

Further reading:

ANCAHA Bulletin, 104
No. 89 Autumn/Winter 2000 104
No. 92 Autumn/Winter 2001 581
April 2000
British Journal for the History of Science, V26
V33, No. 119, December 2000 104

Bulletin of the British Sundial Society, V26
Volume 13 (I) March 2001 208
Volume 13 (II) June 2001 309

Bulletin of the Scientific Instrument Society, V26
No. 66, September 2000 104
No. 67, December 2000 104
No. 69, June 2001 449

Clocks, V26
Volume 23 Issue 7, August 2000 208
Volume 23 Issue 8, September 2000 208
Volume 23 Issue 9, October 2000 208
Volume 24 Issue 1, February 2001 208
Volume 23 Issue 10, November 2000 208
Volume 23 Issue 11, December 2000 208
Volume 23 Issue 12, January 001 208

De Klokkenkoerier, V26
December. 2000 103
March 2001 206
June 2001 309
September 2001 449
December 2001 581
March 2002 695

Horlogerie Ancienne, V26
No. 48 2nd semester 2000 103
No. 49 1st semester 2001 309
No. 50 November 2001 581

Horological Journal, V26
Volume 142, No. 9 September 2000 207
Volume 142, No. 10, October 2000 207
Volume 142, No. 11, November 2000 207
Volume 142, No. 12 December 2000 207
Volume 143, No. 1, January 2001 207
Volume 143, No. 2, February 2001 207
Volume 143, No. 3, March 2001 207
Volume 143, No. 4, April 2001 207
Volume 143, No. 5, May 2001 310
Volume 143, No. 6, June 2001 310
Volume 143, No. 7, July 2001 310
Volume 143, No. 8, August 2001 310
Volume 144, No. 1, January 2002 695
Volume 144, No. 2, February 2002 695
Volume 144, No. 3, March 2002 695

Horological Science Newsletter, V26
Issue 2000-5, December 2000 310
Issue 2001-1, February 2001 310
Issue 2001-3, August 2001 582
Issue 2001-4, November 2001 582

Horological Times, V26
Volume 24, No. 7, July 2000 207
Volume 24, No. 8, August 2000 208
Volume 24, No. 9, September 2000 208
Volume 24, No. 10, October 2000 208
Volume 24, No. 11, November 2000 208
Klassik Uhren 1/2000
February/March 104
2/2000 April/May 104
3/2000 June/July 104
4/2000 August/September 206
5/2000 October/November 203
6/2000 December/January 206
La Voce Di Hora, N. 8 Giugno 2000 582
N. 9 Dicembre 2000 582
N. 10 Giugno 2001 582
N. 11 Dicembre 2001 582
NAWCC Bulletin, Volume 42/6, No. 329, December 2000 207
Volume 43/1, No. 330, February 2001 207, 310
Volume 43/2, No. 331, April 2001 310
Volume 43/3, No. 332, June 2001 310
Tijdschrift, 00/2 June 2000 104
01/1 March 2001 309
01/4 December 2001 581

Gaudron, Antoine, c. 1677 longcase clock 641
Gaudron, Paris c. 1685 religieux clock stolen 322
Gent, Eric, Restorations, lecture 297
German, c. 1906, longcase clock 93
Gibbons, Michael, Automatic Wristwatches, lecture 567
Godfrey, Henry London, c. 1700, longcase clock 93
Gosnell, Peter, Request for assistance relating to ‘Frame on Frame’ clock, letter 106
Gothic mantel clock Webb, C. C., London, c. 1820 465
Gothic wall clock, Anonymous, French 1533 374
Gould, Christopher, London 17th C marquetry longcase clock 350
Gowland, London No. 1063 1841/2 watch 40
Graham, George
No. 599 London c. 1730 longcase clock 593
No. 670 18th C longcase clock 348
Gray, Benjamin & Vulliamy, Justin, London, c. 1740, longcase clock 93
Grimalde & Johnson, Strand, London No. 431 bracket clock 118
Grove, William Robert 244
Gwynn, Peter, obituary for by Michael Hurst 236
Haley & Milner, London c. 1798 balloon case mantel clock 465
Hall, Professor E. T., CBE obituary for by Sebastian Whitestone 352
Halstead, William, London, c. 1720, longcase clock 93
Hands, John, Coventry, watch case maker 675
Hanet, Nicolas, Paris, c. 1665 pendulum clock 238, 638
Harper, Henry, c. 1650 pre-balance spring watch 26
Harris Thomas, Londini, c. 1685 marquetry longcase clock 467
Harrison, John, regulator with Baugh gridiron pendulum 259
Harrocks, Joshua, Lancaster c. 1760 longcase clock 127
Haward, Peter Norman, obituary for by Clifford Bird 237
Hill, Benjamin, in Fleete Street, Londini, lantern clock 58
Hill, Benjamin
lantern clock c. 1660 58
watch c. 1655 59
watches 60, 61
Hodgson, Brynn V26

Hoddell, James & Co. 15 Northampton Square, No. 5263 1871 watch 40 V26

Langley Bradley, lecture 689 V26
Langley Bradley, letter 448 V26

Hollis, Geoff, Mystery Clocks, lecture 688 V26
Holmes, 156 Strand, London c. 1790 longcase clock 461 V26
Holmes, T., London, Regency bracket clock stolen 107 V26
Horstmann, Bath patent self-winding regulator 227 V26
longcase timepiece with magnetic escapement 227 V26
wall regulator 227 V26

Houseago, John, Stuart Regulators, letter 580 V26
Hunt & Roskell watch 34 V26
Hurst, Michael, Hinderson’s H letter 105 V26
Hutchinson, Beresford, Cheaper Watches, lecture 200 V26

Ilbury, London No. 1094 watch 35 V26
Irving, Philip V26

Clocks, Towers and Bells, lecture 194 V26
Restoration of turret clocks, lecture 683 V26
Turret clocks, lecture 197 V26

Jackson, Brian, A Few Clocks From the National Trust, lecture 687 V26
Jagger, Cedric, obituary for by Lawrence Hurst 608 V26
Jamison, George, Queen Street, Portsea, No. 133 pocket chronometer 223 V26

Janvier, Antanide, No. 314 audience clock 652 V26
Jarett, Stephen, Clock Cases, lecture 298 V26
Jeremy Gregory’s celebrated table clock, 93 V26
Johnstoun, James, c. 1690. longcase clock 92 V26
Jones, Henricus, London, longcase clock 94 V26
Jones, Henry, ‘In The Temple’, London, c. 1676, Bracket clock 239 V26
Jones, Prof. Tony, Time Transfer and the making of UTC, lecture 569 V26
Joseph, Knibb, Londini, c.1680-85, bracket Clock 2 V26
Joyce. Thomas, & Son, 1849 turret clock St John’s, Adbury 689 V26
Jullion, Frans, London, c. 1780. longcase clock 93 V26

King, Andrew, Harrison’s Wooden Clocks, lecture 200 V26
Kirner, A. Kleyser & Co. 1791 trade card 408 V26

Knibb, Joseph, V26

c. 1685 grand sonnerie bracket clock 588 V26
Londini bracket clock 704 V26
Londini c. 1680 bracket clock 334 V26
Londini small table clock 332 V26
Londini, 17th C bracket timepiece 474 V26
Londini, 17th C month duration longcase clock 134 V26
London table clock 594 V26
month going bracket clock 703 V26

Koch, Hans, Augsburg c. 1580 table clock 630 V26
Kullberg, Victor V26

No. 6583 tourbillon watch 1900 35 V26
No. 9186 two day marine chronometer stolen 107 V26
regulator 122 V26

Lange & Söhne, Glashutte, watch 10 V26
Lange und Söhne, Glashutte 1886 complicated watch V26
Lantern clocks V26

Koch, Hans, Augsburg c. 1580 table clock 630 V26
Kullberg, Victor V26

No. 6583 tourbillon watch 1900 35 V26
No. 9186 two day marine chronometer stolen 107 V26
regulator 122 V26

Lange & Söhne, Glashutte, watch 10 V26
Lange und Söhne, Glashutte 1886 complicated watch V26
Lantern clocks V26
Hill, Benjamin c 1660 58V26
Hill, Benjamin, in Fleete Street, Londini, 58V26
Newton, George, c. 1630 - 40 161V26
Tompion, Thomas, London c. 1710 33V26
Lattimore, Dr. Colin, History of the longcase clock, lecture 198V26
Lawrence, John, Lancaster c.1790 longcase clock 127V26

Lectures by:V26

Arnfield, JimV26
Chronographs 196V26
videos 96V26
Baker, Paul, Mandrels 434V26
Benedikz, Phyllis, The Birmingham Assay Office 197V26
Betts, Jonathan, Earnshaw, Emery and their Generation of Watchmakers 435V26
Bird, Clifford, Genealogy for Horologists 98V26
Cloutman, Dr. Ed, Computer in Horology 99V26
Cockwill, Hugh, Faces of Time 568V26
Craddock, Paul, Clocks in the Royal Collection 97, 689V26
Craven, Maxwell, Whitehursts of Derby 96, 434V26
Crisford, Andrew, Breguet’s English Clients 561V26
Dareau, Dr. Michel, Seventeenth century Scottish Clocks 95V26
French, Dr. Richard, Forty-four pocket watch movements 301V26
Gent, Eric, Restorations 297V26
Gibbons, Michael, Automatic Wristwatches 567V26
Hodgson, Brynn, Langley Bradley 689V26
Hollis, Geoff, Mystery Clocks 688V26
Hutchinson, Beresford, Cheaper Watches 200V26
Irving, PhilipV26
Clocks, Towers and Bells 194V26
Restoration of turret clocks 683V26
Turret clocks 197V26
Jackson, Brian, A Few Clocks From the National Trust, 685V26
Jarett, Stephen, Clock Cases 298V26
Jones, Prof. Tony, Time Transfer and the making of UTC 569V26
King, Andrew, Harrison’s Wooden Clocks 200V26
Lattimore, Dr. Colin, History of the longcase clock 198V26
Lindsay, Bob, Clackmannanshire clockmakers 95V26
Lowman, Simon, Restoration ethics 563V26
Maconochie, Ian, An Orrery 433V26
Maragna, Tony, Nicole Nielson 687V26
McKay, Chris, Lord Grimthorpe 565, 688V26
Midleton, Viscount, Explorers Watches at the Royal Geographical Society 299V26
Morris, Vernon, Dial Clocks 568V26
Nicholson, JimV26
File Manufacture 681V26
The History of Measuring Equipment 195V26
Nye, James, Evolution in Electrical Horology 300V26
Ord-Hume, Arthur V26
A Celebration of Musical Clocks 684V26
Musical, Libertine and Erotic Watches 432V26
Pratt, Derek, Gothic and Iron Domestic Clocks 560V26
Priestley, Philip, American Watches 301V26
Pryce, Dr. Rees, The Comtois Clock, Ancient and Modern 301V26
Ridout, Martin, The English Clock System One-second Master Clock 437V26
Rigby, Toby, Pedometers 298V26
Robey, John, Longcase striking work 195, 564V26
Rose, Ronald, Complicated Clocks 300V26
Savory, John, *Fattorini Family and Clocks* 436\textsuperscript{V26}
Shenton, Rita, *Horological Books* 683\textsuperscript{V26}
Shufflebotham, Paul, *Coventry Watches* 435\textsuperscript{V26}
Smith, Adrian, *Clock Case Making, History and Styles* 295\textsuperscript{V26}
Smith, Michael, *The worshipful Company of Clockmakers* 562\textsuperscript{V26}
Stephenson, Roger, *Chronometers* 563\textsuperscript{V26}
Pocketwatch restoration 563\textsuperscript{V26}
Tennant, Francis, *Manchester Painted Dials* 683\textsuperscript{V26}
Torry, Peter, *An Introduction to Electrical* 299, 435\textsuperscript{V26}
Trehearn, Alan, *Revelations from the Stubbs’ Papers* 301\textsuperscript{V26}
The Stubbs Papers 196\textsuperscript{V26}
Le Court, Daniel, London, c. 1685. longcase clock 92\textsuperscript{V26}
Lee, Ronald A., obituary for by Peter Gwynn 20\textsuperscript{V26}
Letters and Research Requests\textsuperscript{V26}
Alleston, James, *Dick Oliver Film* 579\textsuperscript{V26}
Andrews, Neil, *Neglected Makers* 321\textsuperscript{V26}
Baker, Paul, *Northern Section Report* 575\textsuperscript{V26}
Betts, Jonathan, *Arnold 75 Revisited* 311\textsuperscript{V26}
Arnold, Earnshaw & Brockbanks 575\textsuperscript{V26}
Less Weight 313\textsuperscript{V26}
*Reply to Alan Smith on Tompions Workmen’s Clocks* 315\textsuperscript{V26}
Blair, Robert, *Bring and Discuss Commentary* 578\textsuperscript{V26}
Camerer Cuss, Terence, *Brockbanks Coach Watches* 578\textsuperscript{V26}
Cattermole, M. E., *Re. Arnold 75 Revisited* 447\textsuperscript{V26}
Cliborne, A.J., *Josiah Emery newly recorded watch No. 823* 694\textsuperscript{V26}
Cockwill, Hugh, *Clocks by Aylward (John & others)* 580\textsuperscript{V26}
Crabtree, Geoffrey, *An Early Massey 2 Watch* 319\textsuperscript{V26}
Czajkowski, Michael, *Dr. Michael Graham (1840 - 1938) Amateur Horologist Funchal, Madeira* 321\textsuperscript{V26}
Evans, Jeremy, *A Post Quondam Date for the Work of John Hinderson?* 105\textsuperscript{V26}
The Cassiobury and Dover Clock 209\textsuperscript{V26}
Tompion’s Unusual H 209\textsuperscript{V26}
Where are they Now? 322\textsuperscript{V26}
Gosnell, Peter, *Request for assistance relating to ‘Frame on Frame’ clock* 106\textsuperscript{V26}
Hodgson, Brynn, *Langley Bradley* 448\textsuperscript{V26}
Houseago, John, *Stuart Regulators* 580\textsuperscript{V26}
Hurst, Michael, *Hinderson’s H* 105\textsuperscript{V26}
Marsden, A. J., *A wooden Figure Clock* 579\textsuperscript{V26}
McKay, Chris, *To Grimthorpe* 447\textsuperscript{V26}
Ming, Ken, *The Cassiobury Park and Dover Castle Clocks* 319\textsuperscript{V26}
Ord-Hume, Arthur, *Musical Movements* 445\textsuperscript{V26}
Phillips, Alfred, *Robert Hynam research request* 321\textsuperscript{V26}
Quare, Michael, *A bill for a Repeating Clock by Daniel Hurst* 448\textsuperscript{V26}
Rigg, Alan, *Royal Connections for Brockbanks Atkins & Moore Clock* 580\textsuperscript{V26}
Smith, Alan, *Tompions Workmen’s Clocks* 315\textsuperscript{V26}
Spittler, Tom, *John McCabe Watch and Clockmaker of Baltimore* 445\textsuperscript{V26}
Stedeford, Brian, *The True New Millennium?* 106\textsuperscript{V26}
Thompson, David, *Early Watch Case Makers of England* 317\textsuperscript{V26}
Le Roy, Jean-baptiste Samson, longcase clock
Le Roy, Julien, 1738 longcase clock
Le Roy, Paris portico month going mantle clock c. 1810
Liechti, Andreas II, 1639 gothic wall clock
Liechti, Erhard, 1571 Swiss iron wall clock
Liechti, Erhard, 1580 Swiss iron wall clock
Lindsay, Bob, *Clackmannanshire clockmakers*, lecture
List of Brockbank movements with numbers and dates
List of Vaughan clocks
Litherland & Co., Liverpool, Pat. No. 2712 1799 rack lever watch
Litherland, P. & Co., No. 768, 1794 rack lever pocket watch
Longcase clocks
anonymous with astronomical dial
Asselin, London c. 1770, month going,
Barber, Jonas, Wincer, No. 1325 c. 1788
Barlow, Benjamin, Oldham c. 1770
Barrow, John, London, early eighteenth century.
Barwise, c. 1765, Cockermouth, mahogany
Bedford, Hilkiah, London,
Bennett, Mansell, c. 1700.
Beverley, James, London, c. 1690.
Boule, André Charles c. 1676 (case)
Bradley, Langley,
Charleville, Domine, French, c. 1775.
Clare, Peter, Manchester c. 1760
Clare, Samuel, Warrington c. 1768
Colley, Thos., London c. 1760 ex. Wetherfield collection
Cooper, Joseph, Malpas, c. 1730
Creswell, Edmund, Manchester c. 1760
Cruttenden, Thomas in Yorke c. 1685
Davies, Joseph, London, early 18th C green japanned
Delandet, c. 1740.
du Chesne, Pierre, c. 1676
Dutch, second half of the 18th C., (casework only)
Eccleshaw, Davison, c. 1775.
Fromanteel, A. c. 1660
Gaudron, Antoine, c. 1677
German, c. 1906.
Godfrey, Henry London, c. 1700.
Gould, Christopher, London 17th C marquetry
Graham, George No. 670 18th C
Graham, George, No. 599 London c. 1730
Gray, Benjamin & Vulliamy, Justin, London, c. 1740.
Harris Thomas, Londini, c. 1685 marquetry
Harrocks, Joshua, Lancaster c. 1760
Holmes, 156 Strand, London c. 1790
Johnstoun, James, c. 1690.
Jones, Henricus, London.
Jullion, Frans, London, c. 1780. 93
Knibb, Joseph, Londini, 17th C month duration 134
Lawrence, John, Lancaster c.1790 127
Le Court, Daniel, London, c. 1685. 92
Le Roy, Jean-baptiste Samson, 647
Le Roy, Julien, 1738 645
Markwick, London, c. 1725. blue japanned 93
Moran, Andrew, early 18th C. 94
Newby, Kendal. c. 1775, tidal dial 9
Parkinson, Robert, Lancaster c.1745 127
Parkinson, William, Lancaster c. 1760 127
Platt, William, Chester c. 1775 grand sonnerie 343
Poisson, Henry, c. 1700. 92
Porthouse, William, Penrith, c. 1745 9
Quare, Daniel, London, c.1700 month duration 125
Quare, Daniel, London, 17th C. 3
Quare, Daniel, London, c. 1695 month duration 14
Shepley, Johannes, Stockport c. 1720 599
Shepley, John, Stockport c. 1740 231
Speakman, Edward, London, c. 1700. 93
Stamper, Fran; Lombard Street, London, c. 1685. 93
Stones, Thomas, London, c. 1700. 93
Tompion & Banger; c. 1705-10. 94
Vaughan, C. Pontpool 30 hour 145
Vaughan, C. Pontpool, 148
Vaughan, C., Pont pool, with tidal dial, mid 18th C. 138
Vaughan, Cha., Pont Pool 30 hour 140
Vaughan, Charles, P.P., 144
Vaughan, Chas., Pontpool 143
Whalley, Samuel, Manchester c. 1770 231
Whipp, Thomas, Rochdale, c. 1770 597
Wilson, William, Kendal c. 1765 rocking ship automata 9
Windmills, Joseph, Londini, 17th C with 1¼ second pendulum 134
Windmills, London, c. 1725. red japanned 93
Wise, John, London c. 1690 marquetry 17

Longcase clock dials
- Vaughan details 144, 145
- Vaughan, C., Pont pool, 1749 141
- Vaughan, Charles, Pontpool, 1742 138
- Vaughan, Charles, Pontpool, detail 143

Longcase clock hands
- Vaughan 146

Longcase clock movements
- Deacon, Barton, No. 70 c. 1775 271
- du Chesne, Pierre, c. 1676 641
- Pitt, E. G., Frome, c.1800 stolen 107
- Quare, Daniel, in Martins neare Aldersgate, Londini 17th C 30 hour 224
- Vaughan 30 hour 149

Longcase clock wheel work details, Vaughan, Charles 148

Longcase regulators
- anonymous 591
- Berthoud, Ferdinand, 1767 648
- Finney, Joseph, Liverpool, 1769, year duration with equation of time, 221
- Rouget, Claude-Pierre, C. 1790 - 92 649

Longcase timepiece with magnetic escapement, Horstmann, Bath, 222

Lowman, Simon, Restoration ethics, lecture 563
Lowndes, Jonathan, London, quarter repeating ebonised bracket clock

Maconochie, Ian, *An Orrery*, lecture

Mairet, Sylvian, watch

Mansell, William, watch

Mantel clocks,

Frodsham, London, lancet

Haley & Milner, London c. 1798, balloon case,

Le Roy, Paris, month going portico c. 1810

McCabe James, London, c. 1830

Vion, François & Le Roy, Charles, Paris c. 1775

Vulliamy, c. 1787. on Plinth.

Wood, Robert, London, c. 1790 balloon stolen

Mantel regulator, month going, Robin, Robert, c. 1784

Mantel timepiece Vulliamy No. 865

Maragna, Tony, *Nicole Nielson*, lecture

Markwick, London, c. 1725. blue japanned longcase clock

Marsden, A. J., *A wooden Figure Clock*, letter

Marshall, Alex, Glasgow, c. 1860 regulator

Martinot, Balthazar, c. 1675 table clock

Martinot, Gilles, Paris Louise XIV quarter striking Boulle table clock with calendar c. 1688

Massey escapement drawings

Massey, Edw’d., Hanley, No. 16 c. 1800 watch movement

Massey, Edward, watchmaker

Massey, Henry, bracket clock

Master clock, Campiche

Mayo & Clark, Coventry No. 751 watch

Mayo & Clark, Coventry, 1821 watch (presented to Queen Caroline)

Mayo, Wm., Coventry early 19th C. watch

Mayo, William, watchmaker

McCabe, Charles,

McCabe, House of

McCabe, James, Junior, watch maker

McCabe, James, London, No. 453 watch c1775

McCabe, James, London, c. 1830 mantel clock

McCabe, James, watch maker

McCabe, John, watch maker

McCabe, Patrick, watch maker

McCabe, Robert Jeremy,

McCabe, Robert, watch & clock maker

McCabe, Thomas, (II), watch maker

McCabe, William, Newry, No. 300, watch c 1798

McCabe, William, Newry, No. 902, watch

McCabe, William, Newry, No. 935, watch

McCabe, William, watch maker

McCabe, William, Junior, watch maker

McCabe, Wm., Newry, 300, c1798 watch

McCabe, William Putnam,

McKay, Chris

Lord Grimthorpe, lecture

To Grimthorpe, letter

Melanchthon, Chrstian Heiden, Nürnberg 1553 sundial and nocturnal

Melanchthon, Phillip, Germany 1530 spherical alarm watch

Melleret, Geneva watch

Mercer 1885 seconds beating table regulator
Meylan, E., Chaux-de-Fonds ‘Glycine’ self-winding watch 567V26
Midleton, Viscount, Explorers Watches at the Royal Geographical Society, lecture 299V26
Millogg, Antoni, Der Junge, Wein No. 166 watch 38V26
Ming, Ken, The Cassiobury Park and Dover Castle Clocks, letter 315V26
Mitchell, J & W., 2 Argyle Street, Glasgow c. 1840 regulator 343V26
Mondeshare, J., Londini, c. 1705 quarter repeating bracket clock 116V26
Moran, Andrew, early eighteenth century. Casework veneered with figured walnut. longcase clock 94V26
Moricand, Chas., Geneva, 1825 bracelet watch 37V26
Morris, Vernon, Dial Clocks, lecture 568V26
Movement, going barrel, Fromanteel 277V26
Mudge, Thomas, No. 567 watch 30V26
Musical box movement (incomplete), Anonymous, mid 17th Century 188V26
Musical clock, Davis, Arthur, Westleigh, 30 hour 284V26
Musk container, spherical, Anon German 16th C 382V26
National Carillon Museum, Asten, Holland 558V26
Neilson, Emile, watch case maker 30V26
Nicole, Neilson, watch 30V26
Newby, Kendal. c. 1775, tidal dial longcase clock 9V26
Newton, George, lantern clock c. 1630 - 40 161V26
Nicholson, JimV26
The History of Measuring Equipment, lecture 195V26
Nicole, Adolph, watch 34V26
Nicole, Neilsen & Co watch with complications 463V26
Nicole, Nielsen No. 09182/11487 tourbillon watch 690V26
Nye, James, Evolution in Electrical Horology, lecture 300V26

Obituaries:V26
Bruton, Eric M., 1915 - 2000 by David Callaghan 23V26
Gwynn, Peter, 1905 - 2001 by Michael Hurst 236V26
Hall, Professor E. T. CBE 1924 - 2001 by Sebastian Whitestone 352V26
Haward, Peter Norman, 1925 - 2001 by Clifford Bird 237V26
Jagger, Cedric, 1920 - 2002 by Lawrance Hurst 608V26
Lee, Ronald A., 1913 - 2000 by Peter Gwynn 20V26
Roberts, Kenneth D., 1916 - 2000 by Alan Smith 22V26
Ollivant, T & J, Manchester, No. 1419 c. 1827 watch 500V26
Ord-Hume, ArthurV26
A Celebration of Musical Clocks, lecture 684V26
Musical, Libertine and Erotic Watches, lecture 432V26
Musical Movements, letter 445V26

Papier-mâché cased wall clock, 19th C. 93V26
Parkinson & Bowls, London, c. 1830 regulator 465V26
Parkinson, Robert, Lancaster c.1745 longcase clock 127V26
Parkinson, William, Lancaster c. 1760 longcase clock 127V26
Payne & Co. New Bond Street, London 19th C satinwood carriage clock 228V26
Pendulum clock, Hanet, Nicolas, Paris, c.1665 238, 638V26
Pennington, London, No. 283 c. 1845 marine chronometer 595V26
Perigal & Duterra, No. 1932 c. 1813 quarter striking watch 339V26
Petto, James, Watchmaker 251V26
Phillips, Alfred, Robert Hynam research request, letter 321V26
Piguet & Capt, Geneva, c. 1805 ‘L’Amphora’ musical watch in an amphora 470, 12V26
Pitt, E. G., Frome, longcase movement c.1800 stolen 10V26
Platt, William, Chester c. 1775 grand sonnerie longcase clock 343V26
Pocket watch, rack lever Litherland, P. & Co., No. 768, 1794

Poisson, Henry, c. 1700, longcase clock

Poole, John, 57 Fenchurch Street, London, Pocket chronometer

Porthouse, William, Penrith, c. 1745, longcase clock

Portrait medal, Carl, Ferdinand, 1639

Pratt, Derek, *Gothic and Iron Domestic Clocks*, lecture

Priestley, Philip, *American Watches*, lecture

Prior, George, three-train table clock, japanned case, Turkish dial.

Pryce, Dr. Rees, *The Comtois Clock, Ancient and Modern*, lecture

Quare, Daniel, in Martins neare Aldersgate, Londini 17th C 30 hour longcase movement

London c. 1698, bracket clock

London c. 1700, month duration longcase clock

London, 17th C, longcase clock

London, c. 1695, month going longcase clock

London, c. 1705, ebony veneered quarter repeating table clock

Quare, Michael, *A bill for a Repeating Clock by Daniel Hurst*, letter

Regulators

Harrison, John, with Baugh gridiron pendulum,

Horstmann, Bath, patent self-winding,

Kullberg, Victor,

Marshall, Alex, Glasgow, c. 1860

Mitchell, J & W., 2 Argyle Street, Glasgow, c. 1840

Parkinson & Bowls, London, c. 1830

Reichle, Melchior, 1597, crucifix sundial

Relieux clock, Gaudron, Paris c. 1685

Ridout, Martin, *The English Clock System One-second Master Clock*, lecture

Rigby, Toby, *Pedometers*, lecture

Rigg, Alan, *Royal Connections for Brockbanks Atkins Moore Clock*, letter

Rimbault, Stephen, bracket clock

Ring dial, universal Adams Sr., George, c. 1762

Roberts, Kenneth D., obituary for by Alan Smith

Robey, John, *Longcase striking work*, lecture

Robin, Robert, c. 1784, month going table regulator

Rose & Sond, c. 1770, bracket clock

Rose, Ronald, *Complicated Clocks*, lecture

Ross, Daniel, Exeter, No. 4799, c. 1837, pocket chronometer

Rouget, Claude-Pierre, C. 1790 - 92, longcase regulator

Ryley, William, Coventry, watch case maker

Savory, John, *Fattorini Family and Clocks*, lecture

Scharf, Black Forest clock hawker drawings

Schafvel, Veyt, Munich, 1550, table clock

Sellon, Humphrey, Southwark, c. 1750, Tavern Clock

Seminar ‘Clocks & Chronometers’ National Maritime Museum

Shaw, John, Holborn c. 1705, bracket clock

Shelton John, London, c. 1740, bracket clock

Shenton, Rita, *Horological Books*, lecture

Shepley, Johannes, Stockport, c. 1720, longcase clock

Shepley, John, Stockport, c. 1740, longcase clock

Shepro, Justice Warren

Shufflebotham, Paul, *Coventry Watches*, lecture

Simon, Prosper, Paris c. 1800, French skeleton mantel clock

Skeleton mantel clock, Simon, Prosper, Paris c. 1800, French
Smith, Adrian, *Clock Case Making, History and Styles*, lecture 295
Smith, Alan, *Tompions Workmen’s Clocks*, letter 315
Smith, James, 1780 bracket clock stolen 322
Smith, Michael, *The worshipful Company of Clockmakers*, lecture 562
Speakman, Edward, London, c. 1700. longcase clock 93
Spittler, Tom, *John McCabe Watch and Clockmaker of Baltimore*, letter 445
Stampfer, Fran; Lombard Street, London, c. 1685. longcase clock 93
Stedeford, Brian, *The True New Millennium?*, letter 106
Stephenson, Roger, *Chronometers*, lecture 563
Stephenson, Roger, *pocketwatch restoration*, lecture 563
Stolen:
Clarke, Richard, London, mid 18th C. bracket clock 102
French carriage clock 102
Gaudron, Paris c. 1685 religieux clock 323
Holmes, T., London, Regency bracket clock 102
Kullberg, Victor, No. 9186 two day marine chronometer 102
Pitt, E. G., Frome, longcase movement c.1800 102
Smith, James, 1780 bracket clock 322
Wood, Robert, London, c. 1790 balloon mantel clock 107
Stone clock weight 424
Stones, Thomas, London, c. 1700. longcase clock 93
Strut clock, Cole, Thos., No. 1304 8
Sundial and nocturnal, Melanchthon, Christain Heiden, Nürnberg 1553 385
Sundial in Memory of Richard Towneley 476
Sympathetique clock, Breguet No. 222 651
Tabernacle clock, Italian, Anonymous, c. 1579 (in Wernher collection) 659
Table clocks
Anonymous, Augsberg 600
Anonymous, French c. 1500 hexagonal, 633
Anonymous, German 19th C. quarter striking 338
Anonymous, Nuremberg, c. 1530 round, 457
Antram, Joseph, c. 1715, musical, 242
Barry, Thomas, Ormskirk 18th C astronomical 610
Blosi, hexagonal c. 1520 634
Bouille, quarter striking with calendar, Martinot, Gilles, Paris Louise XIV c. 1688 216
de Fobis, Pierre, c.1532 hexagonal, gilt bronze, French 238, 630, 635
Du Chesne, Claudius, Londini c. 1720 ebony, 341
Jeremy Gregory’s celebrated, 93
Knibb, Joseph, Londini, small 333
Knibb, Joseph, London 594
Koch, Hans, Augsburg c. 1580 630
Martinot, Balthazar, c. 1675 644
movement, anonymous, Spring driven hexagonal 633
movement, anonymous, hexagonal, 634
Prior, George, three-train, japanned case, Turkish dial. 93
Quare, Daniel, London, c. 1705, ebony veneered quarter repeating 5
Schavvel, Veyt, Munich, 1550 630
Tompion, Thomas, No. 420 c 1705 quarter repeating 121
Tompion, Thomas, Selby-Lownes 589, 626
Table regulators
Collas à Paris 335
Mercer 1885 seconds beating 219
Tavern clocks
Anonymous, c. 1760. 93
Sellon, Humphrey, Southwark, c. 1750. 93
Tennant, Francis, *Manchester Painted Dials*, lecture 683

Tête de poupée clock, du Chesne, Pierre, c. 1685 644

The Time Museum, Chicago 629

Thomas De Lasalle, London, c. 1795, George III mahogany bracket clock 2

Thomas Earnshaw, Book, *Longitude an appeal to the public by* 123

Thompson, David, *Early Watch Case Makers of England*, letter 317

Thuret I., c. 1690 - 1700 marquetry barometer clock 645

Thuret, Isaac, balance spring clock c. 1675 639

Tiff, Horace, c. 1835, banjo clock 24

The Time Museum, Chicago 630

Tompion & Banger; c. 1705-10. longcase clock 94

Tompion, Thomas, London c. 1680 bracket clock 126

London c. 1710 lantern clock 337

No. 420 c 1705 quarter repeating table clock 121

Selby-Lowes table clock 589, 626

workman’s clock ‘Liverpool’ 165

workman’s clock ‘Powis’ 165

Torado, Francis, C. 1640 watch 656

Torado, Francis, clockmaker 1633 654

Torado, Francis, (Junior), clockmaker c. 1662 656

Torry, Peter, *An Introduction to Electrical* 299, 435

Tourbillon watches 26

Kullberg Victor, No. 6583 1900 35

Nicole, Nielsen No. 09182/11487 690

Towneley, Richard, sundial in memory of 476

Trade cards 26

Kirner, A., Kleyser & Co. 1791 408

Winter, A. & Co. 408

Woller, A. Matthew, 1800 405

Travelling timepieces, Cole. Thos. 590

Treffry, Timothy, *George Daniels*, letter 694

Trehearn, Alan, *Revelations from the Stubbs’ Papers*, lecture 301

The Stubbs Papers, lecture 196

Tripod table clock, Cole. Thos. No. 1771, 1862 458

Tuck, Paul, *Brockbanks*, letter 578

Turret clocks 26

Bradley Langley, 1708 623

Bradley Langley, Bancroft Hospital, 1735 618

Bradley Langley, Bourne Hall 623

Bradley Langley, Grey Coat Hospital, 1701 620

Bradley Langley, Lucktong school, 1708 622

Bradley, Langley, Bancroft Hospital, Mile End, 618

Bradley, Langley, Blenheim Palace, 1710 613

Bradley, Langley, Blenheim Palace, 612

Bradley, Langley, Bourne Hall, Cambridgeshire, 622

Bradley, Langley, Cranford Park, London, 622

Bradley, Langley, Goodwood House, 624

Bradley, Langley, Grey Coat Hospital, Westminster, 620

Bradley, Langley, Hampton Court, 619

Bradley, Langley, Lucton School, Herefordshire, 622

Bradley, Langley, St. Clement Dane’s, London, 619

Bradley, Langley, St. Dunstans, Stepney, 612

Bradley, Langley, St. Giles Cathedral, Edinburgh, 615

Bradley, Langley, St. Giles, Cripplegate, 617
Bradley, Langley, St. Magnus the Martyre, 619
Bradley, Langley, St. Margaret’s, Westminster, 622
Bradley, Langley, St. Mary le Bow, 623
Bradley, Langley, The Royal Exchange, 624
Bradley, Langley, The Royal Hospital for Seamen, Greenwich, 624
Bradley, Langley, Whitehall Palace, 621
Bradley, Langley, Wooton, Oxfordshire, 619
Cassiobury Park 79, 82
Dover Castle 79
Elleby & Sons, Ashbourne, 1837 566
Finney, Joseph, Holy Trinity, Whitehaven 176
Joyce, Thomas, & Son, 1849 St John’s, Adbury 689
St. George’s, Orleton, c. 1720. 425
Wise, John, Bodicote, Oxfordshire, 611
Wise, John, c. 1700 611
Wise, John, St. Dion’s, Fenchurch Street, 611
Zaans Uurwerken Museum, Holland, c. 1520 559

G. Uffington, John, London, 19th C. wall clock. 93
Vacheron & Constantine dress watch 1950’s 27
Vaughan, list of clocks 141
Vaughan, C. Pontpool, longcase clock 148
Vaughan, C. Pontpool, longcase clock, 30 hour 145
Vaughan, C., Pont pool, longcase clock dial 1749 141
Vaughan, C., Pontpool, longcase clock with tidal dial, mid 18th C 138
Vaughan, Cha., Pont Pool, longcase clock, 30 hour 140
Vaughan, Charles, P.P., longcase clock 144
Vaughan, Charles, Pontpool, 1742 longcase clock dial 138
Vaughan, Charles, Pontpool, longcase clock dial detail 143
Vaughan, Charles, wheel work details 148
Vaughan, Chas., Pontpool, longcase clock 143
Vaughan, longcase clock dial details 144, 145
Vaughan, longcase clock hands 146
Vaughan, longcase clock movement, 30 hour 147
Verge watch, oval, Cuper, P., Bloys early 17th C silver 349
Viner watch & chatelaine 1824 36
Vion, François & Le Roy, Charles, Paris c.1775 mantel clock 60
Visiting card, John Brockbank 247
Vulliamy, Barometer, c. 1787. on Plinth. 93
Vulliamy, c. 1814 bracket clock 471
Vulliamy, mantel Clock, c. 1787. on Plinth. 93
Vulliamy, No. 865 mantel timepiece 345

Waddington, Trevor, longcase clocks, lecture 200
Wall clocks 93
Anonymous, 19th C. Painted case. 93
Anonymous, 19th C. Papier-maché case 93
Condliff, Circus St. Liverpool c. 1820 597
Liechti, Andreas II, gothic, 1639 376
Liechti, Erhard, iron Swiss, 1571 375
Liechti, Erhard, iron Swiss, 1580 376
Uffington, John, London, 19th C. 93
Wall regulator, Horstmann, Bath, 227
Watch & chatelaine Viner 1824 36
Watches 93
Anonymous, verge movements
Anonymous, German 16th C, spherical,
Anonymous, musical with automata. c 1820
Anonymous, Nürnberg, 1540-50, spherical,
Baccuet, c. 1675-80, enameled, case by Huand
Barraud & Lund, London No. 3/4702
Bernard, Paris c. 1630
Berthoud, Paris No. 4782, self-winding,
Best, Robert,
Bobinet, Charles, c 1640, enameled
Bradley, Langley, calendar
Bradley, London, movement
Bradley, London,
Breguet No. 13
Breguet No. 3259
Breguet No. 4580
Breguet/Recordon, London No. 1297 1805-10, tourbillon,
Brockbank, Cylinder
Brockbank, No. 700 c. 1812
Brockbanks
Clarke, Sam., Coventry, 1821
Clerke, Royal Exchange 1891 No. 1
Cole, Mortimer George, patent
Cousson a Paris c. 1780
De St. Leu, Daniel, c 1785
Debon, Joseph, Paris No. 382 c. 1795 decimal,
French, Royal Exchange, London No. 1345 movement
French, Royal Exchange, London No. 1356 movement
French, Royal Exchange, London No. 1381 movement
Frodsham, Charles, No. 05512 1867, with double rotary detached escapement,
Gowland, London No. 1063 1841/2
Harper, Henry, c 1650, pre-balance spring,
Hill, Benjamin, c. 1655
Hill, Benjamin,
Hoddell, James & Co. 15 Northampton Square, No. 5263 1871
Hunt & Roskell
Ilbury, London No. 1094
Lange & Söhne, Glashutte,
Lange und Söhne, Glashutte 1886, complicated
Litherland & Co., Liverpool, Pat. No. 2712 1799, rack lever
Mairet, Sylvian,
Mansell, William,
Massey, Edw’d, Hanley, No. 16 c. 1800 movement
Mayo & Clark, Coventry No. 751
Mayo & Clark, Coventry 1821 ( presented to Queen Caroline)
Mayo, Wm., Coventry early 19th C
McCabe, James, London, No. 453 c1775
McCabe, William, Newry, No. 300, c 1798
McCabe, William, Newry, No. 902,
McCabe, William, Newry, No. 935,
McCabe, Wm., Newry, 300, c1798
Melanchthon, Phillip, Germany 1530, spherical alarm
Melleret, Geneva
Meylan, E., Chaux-de-Fonds, self-winding ‘Glycine’
Millogg, Antoni, Der Junge, Wein No. 166
Mudge, Thomas, No. 567
Nicole, Adolph, 34V26
Nicole, Neilson & Co, with complications 463V26
Nicole, Neilson, 30V26
Ollivant, T & J, Manchester, No. 1419 c. 1827 500V26
Perigal & Duterrau, No. 1932 c. 1813, quarter striking 339V26
Piguet & Capt, Geneva, c. 1805, musical in amphora with automata 470, 12V26
Toroado, Francis, C. 1640 656V26
Webster, William, Exchange Alley, 1770, quarter repeating 41V26
Westfield’s Patent escapement 408V26
Willoughby, Benjamin, Bristol No. 275 c. 1710, paired case 39V26
Winnerl 34V26

Watch case makers V26
Brown, William, Coventry, 675V26
Hands, John, Coventry, 675V26
Neilson, Emile, 30V26
Ryley, William, Coventry, 675V26

Watchmakers V26
Atkins, George, 244V26
Atkins, Samuel Elliot, 244V26
Brockbank, John, 244V26
Brockbank, John (II), 244V26
Brockbank, John Edward, 244V26
Brockbank, Miles, 244V26
Brockbank, William, 244V26
McCabe, James, 70V26
McCabe, James, Junior, 73V26
McCabe, John, 68V26
McCabe, Patrick, 62V26
McCabe, Robert, 74V26
McCabe, Thomas, (II), 74V26
McCabe, William, 62V26
McCabe, William, Junior, 67V26
Massey, Edward, 671V26
Mayo, William, 672V26
Petto, James, 251V26

Watson, Sam, London 1685 quarter repeating bracket clock 18V26
Waylett, R. S., London lancet bracket clock 701V26
Webb, C. C., London, c. 1820 gothic mantel clock 468V26
Webster, William, Exchange Alley, 1770 quarter repeating watch 41V26
Westfield’s Patent watch escapement 408V26
Weston, Anthony, awarded the Percy Dawson medal 2000 90V26
Whalley, Samuel, Manchester c. 1770 longcase clock 231V26
Whipp, Thomas, Rochdale, c. 1770 longcase clock 597V26
White, Ian, George Clarke, Leadenhall Street, London, Clock and Watch Maker (research), letter 106V26

Wilding, John, Construction of weight driven clocks, lecture 688V26
Willoughby, Benjamin, Bristol No. 275 c. 1710 paired case watch 39V26
Wilson, William, Kendal c. 1765 rocking ship automata longcase clock 9V26
Windmills, Joseph, Londini, 17th C longcase clock with 1/4 second pendulum 134V26
Windmills, London, c. 1725, red japanned longcase clock 93V26
Windmills, London, mirrored glass bracket clock 92V26
Winnerl watch 34V26
Winter, A. & Co. trade card 405V26
Wise, John, Bodicote, Oxfordshire, turret clock 611V26
London c. 1690 marquetry longcase clock 17V26
St. Dion’s, Fenchurch Street, turret clock 611
St. Sepulchre, Holborn, V turret clock c. 1700 611
Woller, A. Matthew 1800 trade card 405
Wood, Robert, London, c. 1790 balloon mantel clock stolen 107
Workman’s clock, 326
‘Liverpool’ Tompion, Thomas, 165
‘Powis’ Tompion, Thomas, 165
Wright, Ben, My Auction Experiences, lecture 681
Wyss, Jamie, Swiss Electrical Horology, lecture 100
MEMBERS OF COUNCIL AND OFFICERS AS AT JUNE 2002

President: SIR ARNOLD WOLFENDALE FRS.

Vice-Presidents: R. J. LAW; M. M. SMITH.

Members of Council: C. R. P. ALLIX; J. ARNFIELD; B. L. HODGSON (co-opted) C. J. HURRION (ex-officio); M. G. HURST; A. L. KING; J. H. LEOPOLD; D. J. PAY Mrs R. SHENTON (Chairman); W. K. SHENTON; D. R. THOMPSON A. A. TREHERNE; J. H. F. WADSWORTH.

Secretary: Mrs W BARR.

Treasurer: M. J. O'DRISCOLL.

Hon Librarian: A. MITCHELL.

Editor Antiquarian Horology: Dr J. DARKEN.

Editorial Advisory Panel: C. R. P. ALLIX; M. G. HURST; R. J. LAW; J. H. LEOPOLD.

Publications Committee: C. R. P. ALLIX; J. H. LEOPOLD; J. H. F. WADSWORTH.

Advertising Agents: Mrs P. LAW.

Solicitors: STUART, HURRION and Co., 148 Park View Road, Welling, Kent DA16 ISS.

Auditors: PHILIP GAMBRILL & Co., 16 Hanover Square, London W1S IHT.

SCOTTISH SECTION Chairman: Dr M. DAREAU. Hon Secretary: R. LINDSAY. Hon Treasurer: J. J. MACONOCHE.

NORTHERN SECTION Chairman: P. G. TORRY. Hon Secretary: E. G. POWELL. Hon Treasurer: H. GLAUER.

MIDLANDS SECTION Chairman: Mrs A. COWSILL. Hon Secretary: C. SPILLER. Hon Treasurer: P. SPRUCE.

EAST ANGLIAN SECTION Chairman: C. BIRD. Hon Secretary: B. HODGSON. Hon Treasurer: R. J. BUCKINGHAM.

SOUTH EASTERN SECTION Chairman: V. MORRIS. Hon Secretary: Mrs S. KNIGHT. Hon Treasurer: K. SORRILL.

SOUTHERN SECTION Chairman: K. SHENTON. Hon Secretary: D. FRAMPTON. Hon Treasurer: D. A. SMITH.

WEST COUNTRY SECTION Chairman: T. TAYLOR. Hon Secretary: C. PONSFORD. Hon Treasurer: Mrs P. PONSFORD.

ULSTER SECTION Chairman: Dr A. C. DAVIES. Hon Secretary & Hon Treasurer: H. W. M. GILMORE.

IRISH SECTION Chairman: D. BOLES. Hon Secretary: C. CURRAN. Hon Treasurer: N. FEELEY.

AMERICAN SECTION Chairman: JIM CIPRA. Secretary/Treasurer: L. R. SIMON.

London Liaison Officer: G. MARSH.

DUTCH SECTION Chairman: H. VAN DEN ENDE. Hon Secretary: K. R. ABBING.

CANADIAN SECTION Chairman: C. MURRAY. Hon Secretary: Prof. J. GANCZARCZYK. Hon Treasurer: P. BUCKLEY.

TURRET CLOCK GROUP Chairman: C. G. McKay. Hon Secretary: G. HOLLIS. Hon Treasurer: M. Potts.

ELECTRICAL HOROLOGY GROUP Chairman: D. A. BATEMAN. Hon Secretary: J. NYE. Hon Treasurer: Mrs A. COWSILL.

Printed for the AHS by White Horse Press Ltd., 65-67 John Wilson Business Park, Chestfield, Whitstable, Kent CT5 3QT.
ANTIQUARIAN HOROLOGY

AND THE PROCEEDINGS OF THE ANTIQUARIAN HOROLOGICAL SOCIETY

INDEX
VOLUME XXVII
September 2002 to December 2003

THE ANTIQUARIAN HOROLOGICAL SOCIETY
TICEHURST
MMIV
VOLUME TWENTY-SEVEN

PAGINATION OF ISSUES

One  September 2002  1-140
Two  December 2002  141-248
Three March 2003  249-356
Four June 2003  357-468
Five September 2003  469-588
Six December 2003  589-720
Index  721-768

The Proceedings of the Fiftieth Anniversary Convention  1-86

ISSN 0003-5785 © THE ANTIQUARIAN HOROLOGICAL SOCIETY 2004
THE ANTIQUARIAN HOROLOGICAL SOCIETY
Registered Charity No. 260925
President: SIR ARNOLD WOLFENDALE FRS
Chairman: Ken Shenton
Secretary: Mrs W. Barr Accountant: Phillip Gambrill Librarian: A. Mitchell
All correspondence should be addressed to the Secretary at ‘New House’, High Street, Ticehurst, East Sussex, TN5 7AL.
Tel: (01580) 200155, fax: (01580) 201323, e-mail: secretary@ahsoc.demon.co.uk
Internet: http://www.ahsoc.demon.co.uk
Membership subscriptions: £40 or U.S. $65 (airmail postage extra $25 or £16), Junior £22.50 or U.S. $37, Family £8 or U.S. $14.
Overseas members, where possible should pay in Sterling, drawn on a London Bank, or by credit card.

VOLUME TWENTY-SEVEN

ANTIQUARIAN HOROLOGY
AND THE PROCEEDINGS OF THE ANTIQUARIAN HOROLOGICAL SOCIETY
Issued Quarterly to Members
Editor: Dr Jeffrey Darken
e-mail: jeff@jdarken.demon.co.uk

LIST OF ARTICLES

Langley Bradley – ‘A Judicious Workman’
Part III: St Paul’s Cathedral
by Brynn Hodgson

35

Samuel Deacon ‘An Account of Myself’
Part IV – The First Notebook
by W.J. Thornton

52

Mainspring Makers of London and
Liverpool – Some Observations and Lists
by Jeremy Evans

63

The Early Watchmakers of Toxteth Park Near
Liverpool and the Origins of the Industry, the
Aspinwalls with some Notes on their Successors
by R.J. Griffiths

163

Henry Jones – Clockmaker of London
Part I of IV: His Life
by C. Stuart Kelley

179

Joseph Knibb’s First Grande Sonnerie Clock?
by John C. Taylor

196

Donald Hill and Arabic Water Clocks
by A.J. Turner

206

Epicyclic Gearing and the
Antikythera Mechanism Part I
by M.T. Wright

270

‘The Compleatest Piece I Made’
Samuel Deacon’s Musical Clock
by W.J. Thornton

280

John Holmes, a View on his Life and Work
by Chris Watson

289

Octavius Morgan, Horological Collector
Part One: The Early Years
by David Thompson

302

French Oignon Watches with a Central Fusee
by Adolph Chapiro

380

Was Banger Really Fired?
A Tale of Two Nephews
by Guy Boney

392

Octavius Morgan, Horological Collector
Part Two
by David Thompson

406

Samuel Knibb’s Cupola Clock
Modern Techniques Aid Restoration Decisions
by Matthew King and John C. Taylor

499

William Murdock 1745-1839
by J.M. Plowman

502

John Hyacinth de Magellan (1722-1790)
Part 1: Horological and Scientific Agent
by Jonathan Betts

509

Henry Jones – Clockmaker of London
Part II of IV: His Work
by C. Stuart Kelley

518

Octavius Morgan, Horological Collector
Part Three
by David Thompson

618

John Holmes (1727-97)
Time for a Further Look
by Chris Watson

643

Joseph White of Coventry
Watchmaker to the Admiralty
by Jeremy Hassell

654

Alamanus Re-examined
by J.H. Leopold

665
### LIST OF NOTES

<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>More Mudge Milestones</td>
<td>John Cheetham</td>
<td>90</td>
</tr>
<tr>
<td>Henry Hindley and the Lancashire Connection</td>
<td>Chris Watson</td>
<td>94</td>
</tr>
<tr>
<td>Baker’s Patent Chronometer</td>
<td>John Clifford</td>
<td>327</td>
</tr>
<tr>
<td>The Colourful Douglas Lapraik (1818-1869)</td>
<td>Peter Hansell</td>
<td>331</td>
</tr>
<tr>
<td>English Keyless Winding Watches</td>
<td>Michael Gibbons</td>
<td>423</td>
</tr>
<tr>
<td>The Early Background of Samuel Deacon of Barton-in-the-Beans</td>
<td>W.J. Thornton</td>
<td>428</td>
</tr>
<tr>
<td>An Astronomical Journeyman Clock by John Holmes</td>
<td>Matthew Read</td>
<td>673</td>
</tr>
<tr>
<td>Two Rare Books</td>
<td>Jonathan Betts</td>
<td>677</td>
</tr>
<tr>
<td>New Books Old Books and some Thoughts on Robert Hooke</td>
<td>Jeff Darken</td>
<td>681</td>
</tr>
</tbody>
</table>

### PICTURE GALLERY

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>An Admiral’s Watch (Earnshaw No.506)</td>
<td>106</td>
</tr>
<tr>
<td>Two Orpheus Clocks</td>
<td>108</td>
</tr>
<tr>
<td>Silver Deck Watch Cha’ Frodsham 09220</td>
<td>202</td>
</tr>
<tr>
<td>Micrometer Chronograph (Cha’ Frodsham No.09571) for Short Duration Timing</td>
<td>203</td>
</tr>
<tr>
<td>Frank Holden Electric Clock</td>
<td>204</td>
</tr>
<tr>
<td>Three Dialled Astronomical Clock</td>
<td>322</td>
</tr>
<tr>
<td>The Utrecht Jacquemarts Musical Clock</td>
<td>388</td>
</tr>
<tr>
<td>John Arnold Marine Chronometer No. 12</td>
<td>390</td>
</tr>
<tr>
<td>Sundials in Devon and Cornwall</td>
<td>547</td>
</tr>
<tr>
<td>Lantern Clock by Samuel Stretch</td>
<td>608</td>
</tr>
<tr>
<td>The Kingwood Graham (No.639)</td>
<td>612</td>
</tr>
</tbody>
</table>

### THE PROCEEDINGS OF THE FIFTIETH ANNIVERSARY CONVENTION

### LIST OF ARTICLES

<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Antiquarian Horological Society the First Fifty Years</td>
<td>Rita Shenton</td>
<td>9</td>
</tr>
<tr>
<td>And About Time Too</td>
<td>Sir Arnold Wolfendale</td>
<td>25</td>
</tr>
<tr>
<td>Early Enamelled French Watches, notes</td>
<td>Brian de Save on a lecture by Simon Bull</td>
<td>29</td>
</tr>
<tr>
<td>English Seventeenth Century Grande Sonnerie Clockwork</td>
<td>John C. Taylor</td>
<td>30</td>
</tr>
<tr>
<td>The Dutch Connection: A Short History of Dutch Clocks</td>
<td>Pier van Leeuwen</td>
<td>43</td>
</tr>
<tr>
<td>‘Ingenuity’ as a Virtue in Restoration England</td>
<td>Jim Bennett</td>
<td>55</td>
</tr>
<tr>
<td>Tompion’s Ornament: Links with the Court Team of Designers and Craftsmen</td>
<td>Richard Garnier</td>
<td>64</td>
</tr>
<tr>
<td>Robert Hooke: of Spring, Vibration and Horology</td>
<td>Allan Chapman</td>
<td>75</td>
</tr>
</tbody>
</table>

---

**Antiquarian Horology** 724
INDEX TO VOLUME TWENTY SEVEN

Compiled by Andrew James, Peter Linstead-Smith and David Thompson

Page numbers in bold type denote an illustration
Page numbers prefixed ‘K’ refer to the supplement, The Proceedings of the Fiftieth Anniversary Convention

A

Abraham, Robert, Liverpool, spring maker 85
Abrahams, John, & Beresford Hutchinson, Galileo, lecture 127
accuracy, clocks, improvements in K25-27
Act of Parliament, 1714, longitude K26
Adams & Smith, whitesmiths 121
Adams, John, London, spring maker 69
Addricks, J.H., turret clock, modified by 234
Aerostathmion K511

AHS (Antiquarian Horological Society)
for meetings see AHS, main meeting
for details of sections see AHS, name of section
AGM 2002 and full day event, 11 May K116-121
AGM 2003, minutes 454
AHS News 116, 221, 339, 439, 561, 692
Alan Shenton Memorial Fund 561
appointment of Deputy Chairman 692
collection of items K23
election of Members of Council 2003 221
election of Members of Council 2004 692
election to the Fellowship 439
Fiftieth Anniversary Conference, Keble, March 2003
Convention photographs – a selection K82-83
delegate list K84-85
proceedings K1-83
programme 104, 217, 334
report by Ken Shenton 439-441
summary by Ken Shenton K4
Fiftieth Anniversary Dinner 339
The first fifty years, by Rita Shenton K9-24
Founder Members 267, 333
library
book acquisitions K22-23. see also Library Notes
cataloguing K23-24
clock, watch, and other acquisitions K23
control K24
formation K22
funding 435
history of K22-24
librarians K24
Library Notes 116, 221-222, 339-340, 439, 561, 693
locations K23
operation K24
logo K12
members, seven longstanding 441
officers since foundation, listed K13
Percy Dawson Medal 339, 454
programme
Spring 2002 113-115
Winter 2002-3 218-220

AHS (Antiquarian Horological Society)
programme (continued)
Spring 2003 335-338
Summer 2003 436-438
Autumn 2003 557-560
Winter 2004 688-691
publications 99, 214, 326, 434, 545, 686
Secretary’s Notes, (Wendy Barr) 222, 561, 692
section and group histories K14-24
tour, Paris, September 2002 222-223
AHS, American Section, 4 July 2003, meeting 705-706
AHS, Dutch Section
9 Feb 2002, Bring and Discuss 569-570
16 Mar 2002, visit to Royal Palace, Amsterdam 570
30 May 2002, visit to Sotheby’s 570
21 Sep 2002, Duivenklok, lecture by Jaap Smelik 570
19 Oct 2002, visit 570
7 Nov 2002, visit to Sotheby’s 570-571
30 Nov 2002, Bring and Discuss 571
11 Jan 2003, visit to Belgian exhibition 571
1 Mar 2003, Turret clocks, lecture by Lock Romeyn 571
20 May 2003, visit to Sotheby’s 571
AHS, East Anglian Section
25 May 2002, Turret clocks and Bells, lecture by Phil Irvine 125-126
15 June 2002, visit to Anglesey Abbey and Swaffhams 126
27 July 2002, Lantern clocks, lecture by Jeff Darken 126-127
14 Sep 2002, Langley Bradley, lecture by Brynn Hodgson 228-229
23 Nov 2002, AGM and Bring and Discuss 342-343
22 Mar 2003, Royal Clocks, lecture by Robert Ball 447
24 May 2003, Early watch & clock collectors of the 19th century, lecture by David Thompson 567-568
29 June 2003, Lincoln, Usher Gallery, visit 699-700
26 July 2003, Bring and Discuss 700
13 Sep 2003, English wristwatches, lecture by David Penney 700-701
history of K21-22
officers of K21
publications K22
AHS, Electrical Horology Group
16 Mar 2002, Electric Clock Escapements, presentation by Ted Boschieter 129-130
18 May 2002, Auction, Uffington, items from Henry Marcooly 129-130
21 Sep 2002, Clock performance, lecture by Doug Bateman 236
23 Nov 2002, AGM, and Chronoscopes of Matthaus Hipp, lecture by Thomas Schraven 344-345
15 Mar 2003, Bring and Discuss 451-453

725

Antiquarian Horology
<table>
<thead>
<tr>
<th>Date</th>
<th>Meeting Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 Sep 2003</td>
<td>visit</td>
<td>Liver Building and Liverpool Museum</td>
</tr>
<tr>
<td></td>
<td></td>
<td>exhibitions K16, history of K15, officers of K17, publications K16</td>
</tr>
<tr>
<td>8 Nov 2002</td>
<td>Club Night</td>
<td></td>
</tr>
<tr>
<td>13 Dec 2002</td>
<td>Christmas Social Evening</td>
<td></td>
</tr>
<tr>
<td>10 Jan 2003</td>
<td>Antide Janvier clock,</td>
<td>lecture by Jim Arnfield</td>
</tr>
<tr>
<td></td>
<td></td>
<td>444-445</td>
</tr>
<tr>
<td>14 Feb 2003</td>
<td>Sundays Old and New,</td>
<td>lecture by Alan Smith</td>
</tr>
<tr>
<td></td>
<td></td>
<td>445</td>
</tr>
<tr>
<td>14 Mar 2003</td>
<td>Club Night, German clocks</td>
<td></td>
</tr>
<tr>
<td>11 Apr 2003</td>
<td>Watches 1725-1910,</td>
<td>lecture by Dr French</td>
</tr>
<tr>
<td></td>
<td></td>
<td>445</td>
</tr>
<tr>
<td>9 May 2003</td>
<td>Club Night</td>
<td></td>
</tr>
<tr>
<td>13 June 2003</td>
<td>Langley Bradley,</td>
<td>lecture by Brynn Hodgson</td>
</tr>
<tr>
<td></td>
<td></td>
<td>565</td>
</tr>
<tr>
<td>11 July 2003</td>
<td>Club Night</td>
<td></td>
</tr>
<tr>
<td>August 2003</td>
<td>Tour to the Black Forest</td>
<td></td>
</tr>
<tr>
<td>8 Aug 2003</td>
<td>Coventry Watch Museum Project</td>
<td>lecture by Paul Shuttlebotham</td>
</tr>
<tr>
<td></td>
<td></td>
<td>697-698</td>
</tr>
<tr>
<td>12 Sep 2003</td>
<td>Club Night</td>
<td></td>
</tr>
<tr>
<td>10 Oct 2003</td>
<td>Complicated clocks,</td>
<td>lecture by Ron Rose</td>
</tr>
<tr>
<td></td>
<td></td>
<td>698</td>
</tr>
<tr>
<td></td>
<td>chairman of K19,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>history of K19,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>exhibition K15,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>publication K15</td>
<td></td>
</tr>
<tr>
<td>10 May 2002</td>
<td>Smiths Watch Factory</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>124</td>
</tr>
<tr>
<td>14 Sep 2002</td>
<td>visit</td>
<td></td>
</tr>
<tr>
<td>2 Oct 2002</td>
<td>Making clocks in the 18th and 19th centuries, lecture by John Robey</td>
<td>228</td>
</tr>
<tr>
<td>6 Nov 2002</td>
<td>Painted Dials, The Art and Manufacture of, lecture by Hugh Cockwill</td>
<td>341-342</td>
</tr>
<tr>
<td>5 Feb 2003</td>
<td>Turret Clocks,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>445-446</td>
</tr>
<tr>
<td>5 Mar 2003</td>
<td>Samuel Deacon of Barton-in-the-Beans, lecture by Jim Thornton</td>
<td>446</td>
</tr>
<tr>
<td>12 Apr 2003</td>
<td>Visit to Museum of History of Science, Oxford</td>
<td>446</td>
</tr>
<tr>
<td>7 May 2003</td>
<td>Comtoise Clocks,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>565</td>
</tr>
<tr>
<td>14 June 2003</td>
<td>Self-winding watches,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>566</td>
</tr>
<tr>
<td>5-6 July 2003</td>
<td>visit of York</td>
<td></td>
</tr>
<tr>
<td>13 Sep 2003</td>
<td>Birmingham Science Museum,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>699</td>
</tr>
<tr>
<td>1 Oct 2003</td>
<td>English wristwatches,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>699</td>
</tr>
<tr>
<td></td>
<td>history of K18-19</td>
<td></td>
</tr>
<tr>
<td></td>
<td>officers of K19</td>
<td></td>
</tr>
<tr>
<td>‘Paddy’ and Dennis Jones, obituary</td>
<td>698-699</td>
<td></td>
</tr>
<tr>
<td>10 May 2002</td>
<td>Smiths Watch Factory,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>124</td>
</tr>
<tr>
<td>14 June 2002</td>
<td>visit</td>
<td></td>
</tr>
<tr>
<td>12 July 2002</td>
<td>Club Night</td>
<td></td>
</tr>
<tr>
<td>August 2002</td>
<td>visit to Kent</td>
<td></td>
</tr>
<tr>
<td>9 Aug 2002</td>
<td>Orreries, Design and Manufacture, lecture by P. Grimswood</td>
<td>227</td>
</tr>
<tr>
<td>13 Sep 2002</td>
<td>Club Night</td>
<td></td>
</tr>
<tr>
<td>11 Oct 2002</td>
<td>Making clocks in the 18th and 19th centuries, lecture by John Robey</td>
<td>228</td>
</tr>
<tr>
<td>10 May 2002</td>
<td>Smiths Watch Factory</td>
<td></td>
</tr>
<tr>
<td>14 June 2002</td>
<td>visit</td>
<td></td>
</tr>
<tr>
<td>12 July 2002</td>
<td>Club Night</td>
<td></td>
</tr>
<tr>
<td>August 2002</td>
<td>visit to Kent</td>
<td></td>
</tr>
<tr>
<td>9 Aug 2002</td>
<td>Orreries, Design and Manufacture, lecture by P. Grimswood</td>
<td>227</td>
</tr>
<tr>
<td>13 Sep 2002</td>
<td>Club Night</td>
<td></td>
</tr>
<tr>
<td>11 Oct 2002</td>
<td>Making clocks in the 18th and 19th centuries, lecture by John Robey</td>
<td>228</td>
</tr>
<tr>
<td>10 May 2002</td>
<td>Smiths Watch Factory</td>
<td></td>
</tr>
<tr>
<td>14 June 2002</td>
<td>visit</td>
<td></td>
</tr>
<tr>
<td>12 July 2002</td>
<td>Club Night</td>
<td></td>
</tr>
<tr>
<td>August 2002</td>
<td>visit to Kent</td>
<td></td>
</tr>
<tr>
<td>9 Aug 2002</td>
<td>Orreries, Design and Manufacture, lecture by P. Grimswood</td>
<td>227</td>
</tr>
<tr>
<td>13 Sep 2002</td>
<td>Club Night</td>
<td></td>
</tr>
<tr>
<td>11 Oct 2002</td>
<td>Making clocks in the 18th and 19th centuries, lecture by John Robey</td>
<td>228</td>
</tr>
</tbody>
</table>
AHS, South Eastern Section (continued)
5 Apr 2003, Art and antique recovery, lecture by Charles Hill 701-702
7 June 2003, Longcase striking work, lecture by John Robey 568
2 Aug 2003, Thomas Baker: and METAMEC, lectures by Clifford Bird 702-703
4 Oct 2003, Gold chasing in 18th century, lecture by Richard Edgcumbe 703
Allen Weaving, millennium clock finished by others 568
history of officers of K21

AHS, Southern Section
25 May 2002, Swiss Watchmaking in the 17th century, lecture by David Thompson 129
21 Sep 2002, AGM: and Zamboni piles, lecture by Tony Duley; Sundials, lecture by Andrew James; talk by John Bartlam 229-230
14 Dec 2002, Bring and Discuss 344
1 Feb 2003, English Repeating Mechanisms, lecture by Roger Still 449-450
10 May 2003, History and manufacture of files, lecture by Jim Nicholson 568-569
15 May 2003, Early English Horological Tools, lecture by Paul Baker 450-451
13 Sep 2003, Making clocks in the 18th and 19th centuries, lecture by John Robey 704-705
4 Oct 2003, Problems and Nightmares, lecture by Jon Van de Geer 703
history of officers of K19

AHS, Turret Clock Group
July 2002, Netherlands Trip 231-236
12 Oct 2002, Wiltshire Tour and AGM 235-236
8 Mar 2003, Bailey of Salford and Samuel Deacon, lectures by Mike Bundock and Robert Evans 453
3 May 2003, Buckinghamshire tour 571-573
11 Oct 2003, Bedfordshire tour and AGM 706
summer 2003, Yorkshire tour 573-576
history of officers of K17
publications of K18

AHS, West Country Section
26 Oct 2002, Coventry clocks and watches, lecture by David Thompson 230-231
1 Feb 2003, visit to Radstock Museum 451
14 June 2003, Henry Williams, Llanfairfan, lecture by Dr Ed W. Cloutman 568-569
exhibition K21
George Reddyhoff, obituary 705
history of officers of K20

Aidsmough, Henry, Liverpool, spring maker 85
Airy, Sir George Biddell, determination of mass of Earth K27-28
Aked, Charles K.
Electrical Horology Group K15
chairman K17
librarian, AHS K24
Northern Section, first chairman K15

al-Jazari, Ibn ar-Razzaz
mechanisms reproduced 207
water clock 206-213
castle 207-209
elephant 141, 211-213
alarm
Alciati, Andrea, 1492-1550 421
in Almanus manuscript 666, 670-671
anonymous, ‘Orpheus’ clock 108-112,626
Champagnieu, Claude, Lyons, watch 415-416
Duboule, Jean Baptiste, Geneva, coach watch 416
East, Edward, table clock, c.1640 K30-31
Henricus, master, Italian model, 15th cent. 670
Mouset à Paris (Thomas?), watch 385-387
Parnell, of Yate, clock 700
Ramsay, David, watch 412-413
Remi, carriage clock 570-571
Tompion & Banger, watch no.114 70
Aldridge, Elizabeth and Ann 53
Aldworth, Samuel, London, longcase, marquetry 9
Allam, William, London, longcase clock, mahogany 4
Allred, William, London, spring maker 69
Allen, Elias, astrolobe, mariner’s 565
Allix, Charles
elected as Fellow of AHS 439
portrait K82
Allsop, Joshua, East Smithfield, longcase clock, Brodick Castle, Arran 564
Almanus manuscript
Almanus Re-Examined, by J.H. Leopold 665-672
clock 17, lunar indications, drawing of 667
AM, watch case maker 640
Ambrose, Edward 177
Amsterdam
Paleis op de dam, turret clock and carillon 234-235
Prins Culture Foundation, turret clock 234
Andrews, John 543
Anglesley Abbey, AHS visit 2002 126
Annat, Nicholas, apprentice to Henry Jones 543
Anne, Queen of England, and Tompion 399
Ansell, see also Prigg & Ansell 69
Ansell, Edward James, London, spring maker 543
Ansell, George, London, spring maker 67, 69, 70
Ansell, John, London, spring maker 67, 70
Antikythera Machine 270-279
Antiquarian Horological Society, see AHS
Antiquarian Horological Society: the first fifty years, by Rita Shenton K9-24
Antiquarian Horology, issue number one K12
apprentices, of Holmes, John, listed 645
Jones, Henry, listed 543
London springmakers, ‘family trees’ 65-67
ar-Rashîd, Harûn 206
AR, watch, stackfreed, c.1600 406-407
Ardon, 2nd Baron (1756-1840) 107
Arnfield, Jim
Antide Janvier astronomical clock, lecture 444-445
book review 100, 684
chairman, Northern Section K15
Arnfield, Jim (continued)
Self-winding watches, lecture 566-567
Arniston House, AHS Scottish Section visit 123
Arnold & Dent chronometer, no.1012, 2-day 712
longcase regulator, mahogany, no.293 145
Arnold, John
balance, ‘double-T’ 390-391
marine chronometer, no.12 390-391
pocket chronometer, no.21/68 73
Arnold, John Roger
marine chronometer, nos 217 and 413 73
watch, no.163 (Thomas Prest) 425-426
Art and antique recovery, lecture by Charles Hill 701-702
Aspinwall, Joshua 177
Aspinwall, Samuel, of Toxteth 169-176
appraisal 175
house 173
watch c.1660 171-172
will 173, 174
Aspinwall, Thomas, of Toxteth 163-169
watch c.1620 164-166
watch dated 1607 164-166
will 164, 168
Aselin, Stephen 450
Asten, National Carillon Museum 232-233
astrolabe, discourse by Octavius Morgan 631
astrolabe, mariner’s, Elias Allen 565
astrolabe, planispheric
Cole, Humphrey 565
table clock, Debruge-Duménil and Morgan collection 629-630
An Astronomical Journeyman Clock by John Holmes by Matthew Read 673-676
astronomical clock
Baker, Thomas, Portsmouth, longcase 702
Barry, Thomas, Ormskirk 249, 322-325
Barston, John, longcase 562
Defons, John 562
Hahn, Philipp Matthaus 695
Henderson, Francis, Musselburgh, longcase, musical, automata 562
Janvier, Antide Paris 321, 444-445
Mayr, Jacob, Augsburg 447
Pinchbeck, Christopher, London, longcase 496-497
Atherton, Fenwick?, Liverpool, spring maker 85
Atherton, Henry, of Ditton, spring maker 85
Atherton, James, Liverpool, spring maker 85
Atherton, Robert, Prescot, spring maker 85
Atkins, Samuel, London, watch, verge, ¾ repeat 565
Atomic clock 127
Aubrey, John, life of Hooke 514
Auction News 31-34, 161-162, 268-269, 379
scientific instruments from Time Museum, 30 Oct 2002 161-162
automata
al-Jazari water clock 207-208, 211-213
anonymous, French watch 8
bear and ostrich, Stuttgart Museum 695
Breitnau hotel clock 697
automata (continued)
Cox, James, Anglesey Abbey clocks 126
Cox, James (attrib), musical table clock 21
Halleicher, Hans Otto, Augsburg, grYPhon 642
Henderson, Francis, Musselburgh, longcase clock 562
Jacquemart musical clock 388-389
Rochat of Geneva (?), singing bird automaton 482
Swaan, Pieter, longcase 571
Axline, J. Warren, obituary of Daniel Parkes 29-30
Ayres, Chris, clock case maker, AHS visit to 228
Ayres, Richard, apprentice to Henry Jones 543
B
back cock, odd footed 528
Bacon, James, London, spring maker 71
Baddely, John, Albrighton, longcase clock, 30-hour 342
Bagley, Thomas, London, lantern clock, alarm 146
Bagley, Thomas, London, spring maker 66, 71
Bagnall, William, London, spring maker 71
Bailey, John, & Co., Salford 453
turret clock, Hebden Bridge 575, 576
Bailey, W.H., & Co., Salford 453
Bailie, Granville Hugh, Watches, 1929 625
Bain, Alexander 122
Baines, Dr H., brief biography 333
Baines, John, Liverpool, spring maker 85
Baird, W. & J., pocket chronometer no.1734 69
Baker, Paul, Early English Horological Tools, lecture 450-451
Baker, Richard, patent chronometer 327
Baker, Thomas, Blandford 702
Baker, Thomas, Portsmouth, longcase clock, astronomical 702
balance, compensation, Arnold’s ‘double-T’ 390-391
balance spring
early, Tompion watch movement 586
Hooke, Robert K76-78
Huygens, Christiana K78
balance wheel, lantern clock with original, Samuel Stretch 608-611
Baldewein, Eberhard, celestial globe 567
Ball, John, Liverpool, spring maker 85
Ball, Robert, Royal Clocks, lecture 447
Banger, Edward see also Tompion & Banger
Banger, Edward
bracket clock, sold in 1912 394
longcase clock, ebonised 8-day 392-393, 400-405
signature cartouche, detail 357, 402
supposed quarrel with Tompion 392-400
Was Banger Really Fired?, by Guy Boney 392-405
watches 394
worked as leatherseller? 394
Banger, Margaret 396-397
banjo clock, history of, book review 318-320
Banks family 290
Banks, Joseph 514
portrait 515
Bannister, John, Liverpool, spring maker 86
Barentsz clock K44-45
Barker, William, of Wigan, bracket clock, ¾ repeat 262
Barlow or Booth, Edward 177
Barlow, Robert, of Penketh, spring maker 86
Barnett, John, London, longcase clock 132
Barnwell, Anne, London, spring maker 71
Barnwell, Richard, London, spring maker 67, 71
Barographs, by Philip Collins, reviewed 216
barograph clocks, Alexander Cumming 562, 563
barometer domestic, introduction of 540-542
Magellan's *Aerostathmion* 511
Pettys experiments K61
Tompion, Thomas  K69
wheel, Hooke's invention K56
Barr, Mrs Wendy
AGM Report, 2002 116-117
portrait K83
secretary, AHS K13
Secretary's Notes 222, 561, 692
Barratt, Sarah 96
Barraud & Lunds, mantel clock no.4291 483
Barrauds of London, pocket chronometer, nos 2/670 and 972 74
Barrett, Benjamin, Liverpool, spring maker 86
Barrett, Malcolm, chairman, South Eastern Section K21
Barron, J.L., Alloa 443
Barrow, John, of Hale, spring maker 86
Barrow, Nathaniel, watch, silver-cased calendar 618, 621-623
Barrow, William, of Halewood, spring maker 86
Barry, Thomas, Ormskirk, astronomical clock 249, 322-325
Barston, John, astronomical longcase clock 562
Bartram, John chairman, Southern Section K19
lecture 230
obituary 376
basket top
Bradford, Thomas, London, bracket clock 143
Bateman, Douglas A. chairman, Electrical Horology Group K17
portrait K83
*Q and my Own Clock*, lecture report 236
*For your further reading* 134-135, 578-579
Bates, Mrs 53
Batterson, James, Boston 608
Baxter, Charles, London, spring maker 66, 71
Bayliss, W., Finmere, turret clock, Barton Hartshorn 572-573
Beavan, Hesketh, spring maker 86
Becker, Gustav, skeleton clock, 400-day 226
Bedford, Hilkiah, sundial, double horizontal 564
*Bedfordshire, clockmakers of*, lecture by Chris Pickford 706
Beere, Nicholas 543
Becson, Dr C.F.C. chairman, Turret Clock Group K17
editor, *Antiquarian Horology* K13
portrait K11
Bellios, E.R., philanthropist, portrait on watch 19
Bell, see also Owens & Bell
Bell, David, portrait 118
bell founder (continued) Phelps, Richard 38-51
Bell, Joseph Edmund, Liverpool, spring maker 86
bell, oval 409
Belmont House, see collection
Belson, Thomas, London, spring maker 71
Bennett, Dr J.A. (Jim) biography K7
*Horological Masterworks at Oxford* K80-81
*Ingenuity* as a virtue in Restoration England K55-63
Bennett, Mansell, bracket clock, ¼ repeating 485
Bennett, William, Liverpool, spring maker 86
Benson & Bell, London, spring makers 71
Benson, Mathew, London, spring maker 71
Benson, Robert, London, spring maker 71
Benson, William, London, spring maker 71
Berain, Jean, pattern book 1690 K73
Bernal, Ralph
collection 632-634
catalogued by Henry G. Bohn 633
portrait 632
Bernoulli, Jean 511-512
portrait 512
Berollas, Joseph Anthony 427
Patent 3342 426
Berry, John, sundials by 551, 552
Bertele, Hans von, portrait K11
Best, William, Liverpool, spring maker 86
Bestwick, Henry, London, spring makers 66, 70, 71
Bestwick, Katherine, London, spring maker 71
Bestwick, Richard, London, spring maker 65, 71
Betts, Jonathan awarded Harrison Medal 161
*John Hyacinth de Magellan (1722-1790)*
Dingwall-Beloe lecture 25
*Part I: Horological and Scientific Agent* 509-517
*Two Rare Books* 677-680
Betts, Samuel, London 'East school' clocks 524
watch, gold, enamel dial 618
Bevan & Weare of Birkenhead, chronometer no.2002 327
Beyendorf, David, Liverpool, spring maker 86
Bilger, Matthias, London, spring maker 71
Bing, J.J., London, spring maker 71-72
biography
Bennett, Dr J.A. (Jim) K7
Bull, Simon K6
Chapman, Dr Allan K8
Garnier, Richard K8
Leeuwen, Pier van K7
Shenton, Rita K5
Taylor, Dr John C. K6
Wolfendale, Sir Arnold K5
Bird, Clifford
meeting report 699-700
*METAMEC, The Clockmaker, Dereham*
book, reviewed 685
lecture 702-703
Bird, Clifford (continued)

Restoration of astronomical clock by Thomas Baker, lecture 702

Bird, Edward, London, bracket clock 149

Bird, John, address 293

Black Forest clock workshop 696

Black Forest clocks

clock peddler figures 488

Deutsch Uhren Museum 696

Black, Joseph 513

Blackbarrow, Jas., London, watch, verge, mock pendulum 565

Blackburn, John, London, spring maker 86

Blackburn, William, London, spring maker 86

Blackhurst, Joseph, Liverpool, spring maker 86

blacksmithing, demonstration by Keith Davis 127-128

Blackwall, Richard

blacksmithing, demonstration by Keith Davis 127-128

Blackhurst, Joseph, Liverpool, spring maker 86

Blackburn, William, London, spring maker 72

Blackmore, A.S.H. & Ellis, R., The Celestial Mechanic 315-318

Blackmore, A.S.H. & Ellis, R., History of the Weight-driven Banjo Clock 1800-1900 318-320

Blackmore, A.S.H. & Ellis, R., Cutting in Horology 100


Blackmore, A.S.H. & Ellis, R., Mantle Clocks, circa 1850-1950 375-380

Blackmore, A.S.H. & Ellis, R., Pocket Watchers 381-396

Blackmore, A.S.H. & Ellis, R., Electric Clock Escapements 449-455

Blackmore, A.S.H. & Ellis, R., Irish Clocks and Clockmakers, lecture 694-695

Blackmore, A.S.H. & Ellis, R., Time in Rutland 432-433

Blackmore, A.S.H. & Ellis, R., Clocks of Swiss Mountain Villages 522-527

Blank, Richard, 1780 68

Bly, John, London, bracket clock 572

Blyth, John, London, bracket clock 572

Blundell, Nicolas, research request 130

Blinston, Edith 96

Blewitt, R.W., London, spring maker 67, 72

Blakey, William, senior, London, spring maker 67, 72

Blakey, William, junior, Paris, spring maker 72

Blakey, William, junior, Paris, spring maker 72

Blakey, William, junior, Paris, spring maker 72

Blake, Joseph 513

Boscow, Joseph, Liverpool, spring maker 86

Boscow, Edward, Liverpool, spring maker 86

Boscow, Joseph, Liverpool, spring maker 86

Boulton, Matthew 315

Bourdin, carriage clock, grand-sonnerie 570

Bourges, cathedral clock 670

Bovet of Fleurier, watch, Chinese market 448

Boyce, James, London, spring maker 66, 72

Boyle, Robert 681, K75, K76

Bouguet, David, London, enamel watch 419-421

boule, bracket clock, Tompion, Thomas K68

Boulton, Matthew 315

Bourdin, carriage clock, grand-sonnerie 570

Bourges, cathedral clock 670

Bovet of Fleurier, watch, Chinese market 448

Boyce, James, London, spring maker 66, 72

Boyle, Robert 681, K75, K76

Bouch, Matthew 315

Bourdon, carriage clock 570

Bourges, cathedral clock 670

Bovet of Fleurier, watch, Chinese market 448

Boyce, James, London, spring maker 66, 72

Boyle, Robert 681, K75, K76

Bracket clock, see also mantel clock; table clock

anonymous, Georgian, stolen 241

anonymous, rosewood Regency, stolen 457

Barker, William, of Wigan 262

Bennett, Mansell, London, ¼ repeating 485

Bird, Edward, London 149

Bradford, Thomas, London, ¼ chiming, ebony, turnable base 143

Bushman, John, London 488

Crossley, James, London 571

Ellicott, John, London

ebony rococo, ¼ striking, planetary moon 158

walnut, ¼ repeating 489

Goode, Charles, ebony, ¼ repeat 603

Greenhill, Richard, Canterbury 495

Hindley, of York, ebonised, ¼ strike and repeat 460

Holmes, John, London

ebonised, tic-tac, ¼ repeat break-arch case 300, 591

true bell case 300

mahogany, tic-tac, ¼ repeat 301

Hory, Jacques, Paris 198-199, 201

Jones, Henry, London

basket top, timepiece, ¼ repeat 534-535

Dutch striking 474-475, 533-534

‘East Style’ 522, 523, 524

ebony, architectural, Belmont 526-527

ebony, architectural, British Museum 525

ebony, bar-operated ¼ repeat 536

ebony, barley twist pillars 527

ebony, silver mounts, skeleton dial 528

ebony, timepiece, pull repeat 540

olivewood

Dutch striking 530-531

miniature 532-533

walnut, grande sonnerie K34

Kipling, William, London red lacquer 366

Knibb, Joseph

ebony, grande sonnerie 30-hour K32

double-six striking K37-38

silver mounted K35, K36

ebony, petite sonnerie, silver mounted K35, K36

pull-bar repeat 266

timepiece, St Andrews University 564

Knibb, Samuel, cupola top 1, 499-501

Kipling, William, London red lacquer 366

Knibb, Joseph

ebony, grande sonnerie 30-hour K32

double-six striking K37-38

silver mounted K35, K36

ebony, petite sonnerie, silver mounted K35, K36

pull-bar repeat 266

timepiece, St Andrews University 564

Knibb, Samuel, cupola top 1, 499-501

Mondehare, Johannes 131

Porthouse, John, Penrith, mahogany timepiece 216

Quare & Horsemann, London no.177 606

Antiquarian Horology 730
bracket clock *see also* mantel clock; table clock

<table>
<thead>
<tr>
<th>Name</th>
<th>Notes</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quare &amp; Horseman, London</td>
<td>(continued)</td>
<td>731</td>
</tr>
<tr>
<td>Robb, William, of Montrose, London</td>
<td>musical</td>
<td>14</td>
</tr>
<tr>
<td>Smith, John, Pittenweem (Fife)</td>
<td></td>
<td>262</td>
</tr>
<tr>
<td>Speakman, William, London</td>
<td></td>
<td>226</td>
</tr>
<tr>
<td>Twaites, John, London, no.2854</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Trompton, Thomas, London</td>
<td>no.107</td>
<td>473</td>
</tr>
<tr>
<td>no.217, ‘Selby Lowndes’</td>
<td>K38-39</td>
<td></td>
</tr>
<tr>
<td>no.271</td>
<td>136</td>
<td></td>
</tr>
<tr>
<td>no.370</td>
<td>155</td>
<td></td>
</tr>
<tr>
<td>no.381, ‘Spanish’</td>
<td>K40-41</td>
<td></td>
</tr>
<tr>
<td>no.417, ‘Hanoverian’</td>
<td>479, 494, K69, K74</td>
<td></td>
</tr>
<tr>
<td>‘Sussex’</td>
<td>446, K36-37</td>
<td></td>
</tr>
<tr>
<td>Walnut, Dutch striking</td>
<td></td>
<td>151</td>
</tr>
<tr>
<td>Tompion &amp; Banger, no.459</td>
<td></td>
<td>371</td>
</tr>
<tr>
<td>Watson, Samuel, London, repeating</td>
<td></td>
<td>490</td>
</tr>
<tr>
<td>Windmills &amp; Elkin, London</td>
<td>¼ repeat</td>
<td>571</td>
</tr>
<tr>
<td>Wint, John, Jamaica</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Wise, John, London, timepiece, single hand, fruitwood case</td>
<td>33-34</td>
<td></td>
</tr>
<tr>
<td>Brackpool, Arnold</td>
<td>685</td>
<td></td>
</tr>
<tr>
<td>Bradford, Thomas, London, bracket clock, ¼ chiming, ebony, turntable base</td>
<td>143</td>
<td></td>
</tr>
<tr>
<td>Bradlay, Langley, London</td>
<td>clock, month going, Leith Hall, Aberdeenshire</td>
<td>562</td>
</tr>
<tr>
<td>keeper of St Paul’s Cathedral clock</td>
<td></td>
<td>41</td>
</tr>
<tr>
<td>Langley Bradley – <em>A Judicious Workman</em> by Brynn Hodgson</td>
<td>35-51</td>
<td></td>
</tr>
<tr>
<td>Langley Bradley, lecture by Brynn Hodgson</td>
<td>228-229</td>
<td></td>
</tr>
<tr>
<td>turret clock</td>
<td>343</td>
<td></td>
</tr>
<tr>
<td><em>A Vindication of Langley Bradley</em></td>
<td></td>
<td>40</td>
</tr>
<tr>
<td>Bradshaw &amp; Riley, Coventry, spring makers</td>
<td></td>
<td>72</td>
</tr>
<tr>
<td>Bradshaw, Mary</td>
<td>96</td>
<td></td>
</tr>
<tr>
<td>Bradshawe, Ellis, Bolton</td>
<td>169-171</td>
<td></td>
</tr>
<tr>
<td>tools made for disputed</td>
<td>170</td>
<td></td>
</tr>
<tr>
<td>Brafield, Thomas, London, spring maker</td>
<td></td>
<td>66, 72</td>
</tr>
<tr>
<td>Brameld, T., treasurer, Scottish Section</td>
<td></td>
<td>K20</td>
</tr>
<tr>
<td>Brand, Joseph, London, spring maker</td>
<td></td>
<td>73</td>
</tr>
<tr>
<td>Breguet, Abraham-Louis</td>
<td>383</td>
<td></td>
</tr>
<tr>
<td>inventor of tourbillon</td>
<td>657</td>
<td></td>
</tr>
<tr>
<td>watch no.4202</td>
<td>139</td>
<td></td>
</tr>
<tr>
<td>Breguet et Fils, carriage clock no.2428, hump-back, grande et petite sonnerie</td>
<td>15, 248</td>
<td></td>
</tr>
<tr>
<td>Breguet of Paris</td>
<td>pocket chronometer, no.3630</td>
<td>719</td>
</tr>
<tr>
<td>sympatheque, no.666</td>
<td>447</td>
<td></td>
</tr>
<tr>
<td>Briggs, Robert</td>
<td>121</td>
<td></td>
</tr>
<tr>
<td>Britannia Act</td>
<td>119</td>
<td></td>
</tr>
<tr>
<td><em>British Clockmakers’ Heritage Exhibition, 1952</em></td>
<td>K9</td>
<td></td>
</tr>
<tr>
<td>British Horological Institute</td>
<td>medal, 1858</td>
<td>449</td>
</tr>
<tr>
<td>Brockbank of London</td>
<td>marine chronometer</td>
<td></td>
</tr>
<tr>
<td>no.436</td>
<td>74</td>
<td></td>
</tr>
<tr>
<td>no.632</td>
<td>69</td>
<td></td>
</tr>
<tr>
<td>Brodick Castle, Arran, clocks in</td>
<td></td>
<td>564</td>
</tr>
<tr>
<td>Brodick, Alan, (Viscount Midleton), secretary, East Anglian Section</td>
<td>K21</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bromhall, Worsley, London, spring maker</td>
<td></td>
<td>73</td>
</tr>
<tr>
<td>Brookes, J.W., London, spring maker</td>
<td></td>
<td>73</td>
</tr>
<tr>
<td>Brookes, Joseph, London, spring maker</td>
<td></td>
<td>73</td>
</tr>
<tr>
<td>Brookes, Nicholas, London, spring maker</td>
<td></td>
<td>73</td>
</tr>
<tr>
<td>Brown, Andrew</td>
<td>443</td>
<td></td>
</tr>
<tr>
<td>Brown, Joseph, London, spring maker</td>
<td></td>
<td>73</td>
</tr>
<tr>
<td>Browne, Alfred, London, spring maker</td>
<td></td>
<td>73</td>
</tr>
<tr>
<td>Browne, Gawen, apprentice to John Holmes</td>
<td></td>
<td>645</td>
</tr>
<tr>
<td>Browne, William, <em>Beadhouse Clock</em>, lecture by Michael Lee</td>
<td>120-121</td>
<td></td>
</tr>
<tr>
<td>Bryan, Derek, <em>Thomas Mercer and Sons</em>, lecture</td>
<td>444</td>
<td></td>
</tr>
<tr>
<td>Buckland Filleigh, Devon, vertical sundial at bulk head clock</td>
<td>448</td>
<td></td>
</tr>
<tr>
<td>Bullock, John</td>
<td>706</td>
<td></td>
</tr>
<tr>
<td>Bull, Simon</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biographical</td>
<td></td>
<td>K6</td>
</tr>
<tr>
<td><em>Early enamelled French watches</em></td>
<td></td>
<td>K29</td>
</tr>
<tr>
<td>Bull, Simon and Kay, portrait</td>
<td></td>
<td>K83</td>
</tr>
<tr>
<td><em>Bulletin for the Antiquarian Horologist</em></td>
<td></td>
<td>K10</td>
</tr>
<tr>
<td>Bullock, Richard, movement and dial, inside rack</td>
<td>448</td>
<td></td>
</tr>
<tr>
<td>Bullock, William, casemaker</td>
<td></td>
<td>659</td>
</tr>
<tr>
<td>Bundock, Mike</td>
<td><em>Bailley of Salford</em>, lecture</td>
<td>453</td>
</tr>
<tr>
<td>secretary, Turret Clock Group</td>
<td></td>
<td>K17</td>
</tr>
<tr>
<td>Bundock, Mike &amp; Hollis, Geoff, <em>Floral Clocks</em>, lecture</td>
<td>343</td>
<td></td>
</tr>
<tr>
<td>Bunt, E.F., librarian, AHS</td>
<td>K24</td>
<td></td>
</tr>
<tr>
<td>Bupton, George</td>
<td>543</td>
<td></td>
</tr>
<tr>
<td>Burgess, Henry, Lancashire</td>
<td></td>
<td>520</td>
</tr>
<tr>
<td>Bürgi, Jost, by Ludwig Oechslin, reviewed</td>
<td>215-216</td>
<td></td>
</tr>
<tr>
<td>Burman, John, Liverpool, spring maker</td>
<td>86</td>
<td></td>
</tr>
<tr>
<td>Burrell Collection, Glasgow</td>
<td></td>
<td>561</td>
</tr>
<tr>
<td>Burscough, spring maker, <em>see Boscoc; Boscoc</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Burton, Mark, address</td>
<td>293</td>
<td></td>
</tr>
<tr>
<td>Burton, William James, apprentice of Joseph White</td>
<td>657</td>
<td></td>
</tr>
<tr>
<td>Bushman, John, bracket clock, ¼ repeating</td>
<td>488</td>
<td></td>
</tr>
<tr>
<td>Butterfield, Edmond, London, spring maker</td>
<td>73</td>
<td></td>
</tr>
<tr>
<td>Buxton, S., Diss, longcase clock, Brodick Castle</td>
<td>564</td>
<td></td>
</tr>
</tbody>
</table>

**C**

Cabrier, watch | 571 |
Calderbank, Richard, Liverpool, spring maker | 86 |
calendar dial, *see* dial, calendar | |
calendar, perpetual, Thomas Barry, Ormskirk, table clock | 323, 324 |
Call, Jan Becker van, musical turret clockmaker | K51 |
Callard, *see* Geneval & Callard | |
Callis, Robert, London, spring maker | 73 |
Callwood, John, Liverpool, spring maker | 86 |
Camden, William, London, spring maker | 66, 73 |
Campbell, G., meeting report 123, 225-226, 341, 443-444, 563-565, 694-695 |
Canadian Members, Dennis Radge, [letter] | 455 |
Caniker, William, Liverpool, spring maker | 86 |
Capt, Henri, Geneve, giant carriage clock | 365 |
Capt, Jules, *see* Nicole & Capt |
Cardono, Girolamo | K46 |
carillon
| Amsterdam, Paleis op de dam | 234 |
| Ludlow | 712 |
| National Carillon Museum, Asten | 232-233 |
carillon (continued)
Vallin clock, owned by F.H. Green 678
Carovagius, Bernhard, Pavia 421
carriage clock
Bourdin, grand-sonnerie 570
Breguet et Fils, no.2428, 15 248
Capt, Henri, Geneve, giant, porcelain mounted 365
Chambers, William, London 17
Dent, E.L., no.633 601
Drocourt, giant porcelain mounted 365
Garnier, Paul, chaff-cutter escapement 571
Jacot, Henri, giant grande sonnerie 359
Jump of London hump back, no.2019 263
striking, calendar and moon, silver 356, 720
Leze of Paris, no.1330 468
Remi, quarter striking, alarm 570-571
Viner of London, rosewood ¼ striking 471
Cartledge, John, London, spring maker 73
case maker, clock
Clifton, Joseph, London 540, 543
Jones, Anthony Charles, silver carriage clock 356
Moorcroft, J., Ormskirk, label 325
Whyatt, William 52, 53
case, secret locking, Tompion, watch no.144 32
catamaran, William Petty's K60-61
Chamberlayne, Sir Thomas 422
Chambers, James 543
Chambers, William, London, carriage clock 17
Champagnieu, Claude, Lyons, alarm watch 415-416
Chandler, Bruce 33
Chapelle, Kenneth
Clocks on Public Display in Scotland, lecture 561-562
secretary, Scottish Section K20
Chapino, Adolphe, French Oignon Watches with a Central Fusee 380-387
Chapman, Dr Allan 441
biography K8
Robert Hookes of spring, vibration and horology K75-79
Charity 312
Charles II, King
laughs at Petty K61
Wren's lunar globe K58
Charles, John, Liverpool, spring maker 86
Charlesworth, London, watch, verge 565
Chartier, Pierre, Blois, enamel painter 419
Chartres, cathedral, clock dial, 'dark moons' 667
Chateau d'Écouen, see Écouen
cheeks, cycloidal K46, K48
Cheetham, John
More Mudge Milestones 90-93
Ratting for a million, [letter] 577
Child, David, London, spring maker 73
chiming, quarter
longcase clock, Fromanteel & Clarke 246
Norton, Eardley, London, longcase clock, no.1165, mahogany 157
Chinese market
Bovet of Fleurier, watch 448
Cox, James (attrib), musical table clock with automata 21
Cox, James, clocks at Anglesey Abbey 126
Chippendale, Thomas 648
Holmes, John, longcase clock to design of 646-649
Chittenden, Austin, 'column' clock 123
chronograph, pocket
Dent, no.32523 363
Nicole Nielsen & Co., Chas Frodsham no.09571 203, 347
S. Smith & Son, 347
chronometer, see also deck watch
Thomas Mercer and Sons, lecture by Derek Bryan 444
chronometer, marine
Arnold, John, London, no.12 390-391
Arnold, John Roger, London no.217 73
no.413 73
Brockbank of London no.436 74
no.632 69
Earnshaw, Thomas, London no.245 74
no.1024/3911 493
Frodsham, Charles, London, no.3520 587
Hardy, William, London, no.53 74
Howells & Pennington, London, no.1 69
Leroy, of Paris, Chronostat III 452
McGregor, D, & Co., Glasgow & Greenock, no.P/4551 147
McGregor, D., Glasgow 123
Murray, James 73
Parkinson & Frodsham, no.259 74
Pennington, Pendleton & Others, no.12 69
Poole, J. & Co. no.P/4551 147
School, W.G., no.6059 74
Thompson, G. 123
Wempe 452
chronometer, pocket
Arnold, John, London, no.21/68 73
Baird, W. J., no.1734 69
Brauds of London no.2/670 74
no.972 74
Bevan & Weare, no.2002 327
Breguet of Paris, no.3630 719
Earnshaw, Thomas, London, no.506/2849 106-107
Litherland & Company, Liverpool, no.3824 6
Litherland & Davies, Liverpool, no.1051 74
Loseby, Edward, no.126 74
Chronoscopes of Matthaus Hipp, lecture 344-345
Cipra, Jim, meeting report 705-706
Clabburn, Derek D., A Lightweight Movement [letter] 349-350
Clackmannanshire's Public Clocks, lecture by Bob Lindsay 443-444
Clark, Dr James, modified Finnmere clock 572
Clark, John, London, spring maker 73
Clark, Richard, London, spring maker 73
Clark, Robert Cowell, London, spring maker 73
Clark, William, London, spring maker 73

Antiquarian Horology 732
Clarke, Commander G., secretary, AHS K13
Clawton, Devon, Eastacombe Farm, sundial at 548
Clay, Charles, London 450
organ clock 447
cleaning, conservative 676
Clare, William, apprentice to Henry Jones 543
Clement, William, anchor escapement K78-79
Clifford, Derry, meeting report 446, 699
Clifford, John R.
Baker's Patent Chronometer 330
lecture report 566-567
Westfield's Patent [letter] 131
Clifton, Joseph, London, clock case maker 540, 543
Clifford, John R., lecture by Sir Arnold Wölfendale 117-118
clock, see also alarm; astronomical clock; automata; banjo clock; bracket clock; carriage clock; crucifix clock; electric clock; Hague clock; lantern clock; longcase clock; mantel clock; monstrosity clock; musical clock; nef; novelty clock; organ clock; orrery clock; pillar clock; regulator; rolling ball clock; skeleton clock; staartklok; stool clock; strut clock; table clock; tavern clock; turret clock; wall clock; water clock; Zaan clock
clock-keeper, need for 209
clock, quartz K27
Clockmakers and Watch makers of Central England, by Joseph McKenna, reviewed 315-318
clockmakers, mentioned in Almanus manuscript 671
Clockmakers of Bedfordshire, lecture by Chris Pickford 706
Clockmakers, Worshipful Company of
The Clockmakers' Company, lecture by Michael Smith 119-120
Harrison Medal, awarded to Jonathan Betts 161
new exhibition 30-31
Old English Clocks dedicated to 678
clockmaking groups, Italian-French-Flemish, German-Austrian-Czech 665-667
Clockmaking in 18th and 19th centuries, by John Robey 225-226
Cloudsley, tailors 52, 53
Cloutman, Dr Ed W., Henry Williams, clock and watchmaker of Llanfairfan, lecture 569
Clowes, J.J., turret clock 123
Clutton & Daniels, catalogue of Clockmakers' Company collection 623
Clutton, Cecil (Sam)
car, 1908 Itala, 12 litre K82
editor, Antiquarian Horology K13
coach-watch, Jean Baptiste Duboule, Geneva, with calendar 416
Cockwill, Hugh
The Art and Manufacture of Painted Dials, lecture 341, 343-344
Shedding light on an old lantern?, [letter] 238-239
Cole, Humphrey, astrolabe, planispheric 565
Cole, James Ferguson, double rotary detached escapement 587
Cole, Richard S., watch 123
Cole, Thomas
mantel clock no.939 484
strut clock no.833 483
Cole, Thomas (continued)
strut clocks 250
Coleman, Thomas, London, spring maker 67, 73
collection
Belmont House 227, 379, 526
Bernal, Ralph 632-634
Boom-Time Foundation K44
Debruge-Duménil
Labarte, Jules, cataloguer 626
Orpheus table clock, movement 626
pieces bought by Morgan in 1850 626-629
planispheric astrolabe 629
sold 1850 421
stackcased watch, anonymous 628
table clock, anonymous 626
Kellenberger, Winterthur, Gewerbemuseum 695
Kienzle 696
Nethropp, Rev. H.L. 31
Noel Terry, York 567
Prince Soltykoff 421
Vehmeyer K44
Wetherfield, Chippendale longcase, John Holmes 648
Collectors' Pieces, Clocks & Watches, exhibition K14
Collier, P., Manchester, watch, verge 565
Collingwood, Samuel John, London, spring maker 65, 73
Collingwood, Thomas, London, spring maker 65, 73
Collins, Mrs. M., secretary, AHS K13
Collins, Philip R., Barograph, reviewed by Jeff Darken 216
compensation, barometric pressure K27
compensation, temperature K26
Poole's auxiliary 147
Complicated Clocks, lecture by Ron Rose 229, 340-341, 698
Comport, Ebenezer, London, spring maker 67, 73
Comport, Joseph, London, spring maker 67, 73
Comport Clocks, lecture by Dr W.T. Rhys Pryce 121-122, 565-566
Conihout, Fritsch et al., Ships of Curiosity, reviewed 101-103
Conscience, Jean François, London, spring maker 74
Cook, T. & B., converted York Minster clock 567
 Cooke of York, turret clock, Easingwold 574
Cooke, T. & Son, York, strut clock (Thomas Cole) 250
 Cooper, Robert, of Salisbury, longcase clock 346
Coope, Ian, Nicole Nielsen Chronograph [letter] 347
Corne, Mr 543
Coster, Salomon, The Hague 45-46
Hague clock, turtle-shell, c.1657 K46
wall clock 570
Coteau (enameller) 444
Cottingham, Edwin T., regulator, sidereal standard, Greenwich 698
Cowling, Edmund T., London, spring maker 74
Cotton, Ernest, London, spring maker 74
Cotton, George, London, spring maker 74
Cotton, R. & T., London, spring makers 74
Cotton, Thomas, London, spring maker 74
Coulund, William Henry, Liverpool, spring maker 86
Coventry clocks and watches, lecture by Paul Shuffletbohom 230-231
Coventry Gauge & Tool Company 662-663
Coventry, Joseph White of Coventry 589, 654-664
Coventry Machinists' Company 662

733 Antiquarian Horology
Coventry Up-to-date, 1898, Joseph White & Son, business description 661

Coventry Watch Museum Project, lecture by Paul Shufflebotham 697-698

Cowham, Mike, lecture report 567-568

Cowssill, Anne
  chairman, Midlands Section  K19
  meeting report  124-125
  portrait  K83
  treasurer, Electrical Horology Group  K17

Cowssill, Jim
  secretary, Electrical Horology Group  K17
  treasurer, Electrical Horology Group  K17

Cox, Anthony, Johannes Mondehare [letter] 131

Cox, James (attrib), table clock 21

Cox, James, clocks at Anglesey Abbey 126

Craig, John 562

Cramps, Thomas
  day of week dial for Graham, George, no.639  615

'Cuckoo clock, world's biggest' 697

'Cufflin, Richard' 53

Culzean Castle, Ayrshire, clocks 562

Cumming, Alexander
  barograph clocks 562
  work at Inverary 563

Cuss, T.P., chairman, AHS  K13

Cutler, Sir John 681

D

da Vinci, Leonardo, warned striking 665

daelms, Toine, Stiphout
  turret clock restorer, visited 233
  workshop 571

Dagnall, of Prescot, spring maker 86

Dalline, Jane 67

Daniels, George
  1908 Itala, car 440, 441, K82
  portrait  K82

Dareau, Dr Michel J.
  chairman, Scottish Section  K20
  Scottish Watch and Clock Making before 1700, lecture  443

Darken, Dr Jeff
  book review 216, 320-321, 433-434, 556
  editor, Antiquarian Horology  K13
  editorial  
  Fifty fabulous clocks 27

Darken, Dr Jeff (continued)
  Founder Members 267
  Mirabile Visu 159
  Reflections on Oxford 375
  Sundials from the Archives 491
  Times have changed 607
  Guidance for Meetings Reports 692
  guided tours at exhibition  K81
  Lantern clocks, lecture 126
  New Books, Old Books, and some thoughts on Robert Hooke 681-683
  report of new exhibition at Guildhall 30-31
  For your further reading 135, 240, 460, 579-580

Darling and Wood, of York, turret clock, Church Fenton 574

Darwin, Charles, Hooke foreshadowing 681

Davies, Emry, obituary of John D. Owen 376

Davies, William, Liverpool, spring maker 86

Davies, John, Liverpool, spring maker 86

Davies, Keith, blacksmithing demonstration 127-128

Davis, Thomas, Liverpool, spring maker 86

Davis, John, Liverpool, spring maker 86

Dawson, Percy G.
  brief biography 333
  editor, Antiquarian Horology  K13
  portrait  K11

Day, Hannah 290

day of week dial with deities for Graham, George, no.639 615

Pinchbeck, Christopher, longcase clock 496

de Carle, Donald 680

letter re English Clock Masterpieces 680

de Coster, Gabriel, London, spring maker 74

de la Fonds, London, spring maker 74

de Lengaine, John, London, spring maker 74

de Moelder, C., engraver, pattern book 1694  K73

de Save, Brian, lecture report K29

Deacon als Francis 429-431

Deacon, John, Leicester 430-431

longcase clock dial 431

Deacon of Barton-in-the-Beans, 30-hour movement 344

Deacon, Samuel
  accounts and customers 52-62
  The Early Background of Samuel Deacon of Barton-in-the-Beans, by W. J. Thornton 428-431

  watches, nos 3 & 4 55

Deacon, Samuel (1)
  baptism record 430
  family 430
  house at Rathby 428-429, 431
  indenture for house purchase 428
  signature 429
  will 430, 431

Deacon, Samuel (2), early life 430

Deal, Timeball Tower 712

Dean, George 543

Dearmer, John, London, spring maker 66, 74

Antiquarian Horology  734

vol27indexrev5.indd   734  26/08/2004   16:37:36
deck watch

Frodsham, Charles, no.09220 202
Zeniith 448
Deignan, O.M., lecture, Sunday 224-225
Delafons, John, astronomical clock 562
Delander, Daniel, longcase clock, duplex escapement, ivory dial, annual calendar, ball moon 269
Delander, Nathaniel, watch case maker 118
Delpine, London, spring maker 74
Dent, chronograph, pocket, no.32523 363
Dent, E. & Co., trademark 132
Dent, E.I., carriage clock, no.633 570
Dental, Nathaniel, watch case maker 118
dial

dial, planetarium (continued)

Janvier, Antide, astronomical clock 321
Starre, Dames, of Hoorne, longcase clock K50
dial, planisphere

Barry, Thomas, table clock 324
Knip, Gerrit, longcase clock K50-51
Watson, Samuel 490
Wint, John, Jamaica, bracket clock 6
dial, skeletonised

Jones, Henry

bracket clock 528
longcase clock 532
dial, tidal, Pinchbeck, Christopher, astronomical walnut longcase clock 496
dial, Turkish market, Rogers, Isaac, verge watch no.19027 595
dial, unusual shaped

‘Chippendale’ longcase, John Holmes 647
dial, velvet covered

Knibb, Joseph

bracket clock, ebony, silver mounted grande sonnerie K35, K36
petite sonnerie K35, K36
dial, world time, Knip, Gerrit, longcase clock K50-51

The Diaries of Robert Hooke The Leonardo of London, Nichols, Richard 682
Dickie, Alexander, longcase clock 563
digester, steam K60

Dingwall-Beloe lecture, 2002, John Hycinth de Magellan (1722-1790), advertised 25
Dingwall-Beloe lecture, 2003, Thomas Tompion at ‘The Dial and Three Crowns’, advertised 586
Dixon, Lt George, watch owned by 492-493
Dollond & Son, address 293

Dominy Family Clockmakers, Long Island, New York, lecture by Charles Hummel 693-694
Donisthorpe, George 712
Donisthorpe, George?, Birmingham, barometer dial by, re-used 503, 506
Donisthorpe, Mr. 54
Dorey, Geoff 130
Douxsaint, James, London, spring maker 66, 74
Dowson, Dorothy 543
Drake, William, London 74
Drew, Anne 543
Drew, John 450
Driscoll, Clive, lecture report 343
Drocourt, carriage clock, giant porcelain mounted 365
Drover, Charles B. 29

chairman, AHS K13
portrait K11

Drury, Walter 543
du Pin, Paul, London, watch, triple-cased 325

¾-repeat repousse gold 618, 620, 622
Dubois, C. A.? London, spring maker 74
Dubois, Pierre, Histoire et traité de l’horlogerie ... 421
Duboule, Jean Baptiste, Geneva, coach-watch with calendar 416
Duchesne, Claude, longcase clock, calendar in arch, stolen 132
Duiwenhok (pigeon clocks), lecture by Jaap Smelik 570
Duley, Anthony J. (Tony)

chairman, Southern Section K19
Duley, Anthony J. (Tony) (continued)
lecture report 129
meeting report 703-704
Streizig clock and Zamboni piles, lecture 229-230
Dunlop, Andrew, clock, year going, Leith Hall, Aberdeenhire 562
Dunster, Roger, mantel clock, musical 571
Durrant, Great Russell St 632
Dusett, Samuel 543
Dutch Clock Federation, report 116
The Dutch connection: a short history of the Dutch clock, by Pier van Leeuwen 43-54
carillons and regional clocks K 51-53
conclusion K 54
Dutch authors K 43
The Golden Age: Huygens and collaborators K 45-48
Middle Ages and Renaissance K 44-45
museum collections K 43-44
origin of the longcase clock K 48-51
precision timekeepers and ‘designer clocks’ K 53
Dutch striking, see striking, Dutch
Dutton see also Mudge & Dutton
Dutton, Benjamin
apprentice to John Holmes 645
watch no.246 93
Dutton, Matthew & Thomas, watch no.1565 254
Dutton, Matthew, watches 90-93
Dutton, R.W., watch 93
Dutton, William 644, 645
watch no.439 93
Dutton, William, Liverpool, spring maker 86
Dwerrihouse & Ogden, mantel clock 486, 597
Dwerryhouse, John, Liverpool, spring maker 86
Dwerryhouse, Thomas, of Garston, spring maker 86
Dyer, W. H., London? mainspring maker 74
Dyke, William, Liverpool, spring maker 86

E
Eare,? mainspring maker 76
Earlsdon, development of 654-656
Early enamelled French watches, by Simon Bull K 29
Early Watch and Clock Collectors of the Nineteenth Century, lecture by David Thompson 567
Earnshaw, Thomas
chronometer, marine, no.1024/3911 493
longcase regulator, mahogany month 467
marine chronometer no.245 74
pocket chronometer no.506/2849 106-107
Earth
changes in rotation of 28
determination of mass of K 27-28
East, Edward, and Fromanteel, Ahasuerus, table clock, grande sonnerie K 31-32
East, Edward, London 623
Jones apprenticed to 181
longcase clock, marquetry petite sonnerie K 33-34
school of 518, 524, 538, 540
table clock, alarm, c.1640 K 30-31
watch repeating movement 618
East, Edward, London
watch (continued) silver oval ‘Puritan’ 618, 619, 620, 621
Écouen
chateau, visited 223
Musée de la Renaissance, Exhibition, A Fascinating Automaton 103
Edgcumbe, Dr Richard
Gold Chasing in the Eighteenth Century, lecture 703
editorial
Darken, Jeff
Fifty fabulous clocks 27
Founder Members 267
Mirabile Visu 159
Reflections on Oxford 375
Sundials from the Archives 491
Times have changed 607
Edwardson, William, of Halebank, spring maker 86
electric clock
Eureka clock 452
Fournier, Stanislaus 223
Glasshutte Uhren betrieben 452
Holden, Frank 204-205, 452
JAZ 452
Leroy, Chronostat III 452
metronome clock 452-453
Orel Micro clock 452
Televox clock 452
Electric Clock Escapements, presentation by Ted Boschieter 129
Electrical Horology, An Introduction to, lecture by Peter Torry 122-123
electricity metering, Vulcan switchboard meter 453
Electrifying Time, exhibition K 14, K 15
Ellis, Sir Henry 624
Ellis, David, Liverpool, spring maker 86
Ellison, Joseph, Liverpool, spring maker 87
Ellison, Samuel, West Derby, spring maker 87
Elstrom, George, London, spring maker 76
Elton, Christopher, obituary of Daniel Parkes 28-29
enamel watch
Betts, Samuel, London 618
Early enamelled French watches, by Simon Bull K 29
Goullons à Paris 619
enameller
Huaud, Pierre, II, watch by Stephen Tracy, Rotterdam 637
Toutin, Jean, watch by Elchinger 636
Endellion, Cornwall, vertical sundial at 549
English Clock Masterpieces, by Kenneth Ullyett 680
English Keyless Winding Watches, by Michael Gibbons 423-428
English watchcases, registry marks, [letter] 709
English Wristwatches, lecture, David Penney 699, 700-701
engraver
de Moelder, C. 73

Antiquarian Horology 736
engraver (continued)
  Gentot, Blaise K71
  Gucht, van der K72-73
  Hollar, Wenzel K31-32
  Jones, Evan 540, 544
  Postlewaite, Nathaniel 176
  Vertue, George K71

engraving machine 447-448

Epicyclic Gearing and the Antikythera Machine,
Part I, by Michael Wright 270-279

equation of time, indication

Hindley, Henry (attrib.), longcase clock 483
Janvier, Antide, astronomical clock 321

Erhardt, Johann Christoph, Augsburg, watch, painted silver, calendar, fly-back minutes 640

anchor
  Clement, William K78-79
  Hooke, Robert K78-79
  Knibb, Joseph K79

balance controlled
  Stretch, Samuel 608-611

chaff-cutter
  Garnier, Paul, carriage clock 571

Cole's double rotary detached,
  Frodsham, Charles, marine chronometer no.3520 587

dead beat
  Graham, George, longcase clock no.639 616-617
  invention 398
  Murdock, William, longcase regulator 504

detent
  Berthoud type, Reid, Thomas, Edinburgh, bracket clock 606

duplex
  Delander, Daniel, longcase, ivory dial 269
  gravity 572
  one-minute impulse 232
  single 3-legged 573

Massey lever
  White, Thomas, of Leicester 654

rack lever
  Lecount, Peter, London, watch, no.291 448

recoil
  Holmes, John, journeyman clock 674-675
  ruby cylinder
  Arnold, John Roger, no.163 425

spring detent
  Arnold's 391
  Breguet, pocket chronometer no.3630 719

tic-tac
  Holmes, John bracket clocks 300, 301, 591
  Knibb, Joseph, timepiece, St. Andrews 564

verge and foliot
  original on turret clock 233
  Westfield cylinder 131

Espinasse, Margaret, Hooke, Robert, biography 681

Etchinger (Elchinger), Hans Conrad, watch, hunter, enamelled by J. Toutin 635-636

Eternamatic, self-winding watch 566

Eureka clock 452

Evans, Edward, Liverpool, spring maker 87

Evans, Geoffrey, Smithi Watch Factory, lecture 124

Evans, Jeremy, Masterpries Makers of London and Liverpool 63-89

Evans of Soho, turret clock 342

Evans, Robert, Samuel Deacon, lecture 453

Evans, W.F.
  Birmingham 572
  Handsworth 315

Everest, Edward, apprentice to Henry Jones 522, 543

Evson, Richard, London, spring maker 65, 76

exhibition

Écouen, Musée de la Renaissance, A Fascinating Automaton 103
Grimthorpe, Lord, centenary exhibition planned 238

Hull, Wilberforce House, Telling Time,
  East Yorkshire clocks 492

Industrial Timekeeping, Macclesfield, Silk Museum 708

Lewes clocks 478

Liverpool, Walker Art Gallery, Horological Masterworks 379

London, Guildhall, Clockmakers' Company 30

London, Science Museum
  British Clockmakers Heritage, 1952 K9
  Electrifying Time K16
  Collectors' Pieces, Clocks & Watches, 1964 K14
  Electrifying Time, 1977 K14

Oxford, Museum of the History of Science,
  Horological Masterworks 27, 105, 159, 375, 440

Prescot Museum
  Continental Clocks & Watches K15
  Three Hundred Years of English Clockmaking K15
  Tools of the Trade K15

Radstock Museum 339, 451

F
Fact Against Scandal 39, 43-45
  second part 41

Fairburn, Robert, London, spring maker 76

Faulkner, John, London, 'East school' 524

Faulkner, John, London, spring maker 76

Fawcett, see Peyer, Favarger et Cie

Favarger, see Peyer, Favarger et Cie

Feld, Thomas 706

Farmer, John, London, 'East school' 524

Farr, John, London, spring maker 76

Feeley, N, lecture report 224-225

female makers, Research request 457

Ferguson, James 511

address 293

described planispheric astrolabe clock 629

files

The History and Manufacture of Files,
  lecture by Jim Nicholson 568-569

Lancashire manufacture of 178

Finé, Oronce, astronomer and mechanist 630

Finelly, see Tinelly, Charles

Flinn, John, watch manufacturer, Coventry 654-655

Floral Clocks, lecture by Mike Bundock and Geoff Hollis 343

For your further reading 133-135, 240, 458-460, 578-580, 714

Ford, Joseph, London, spring maker 76

form watch, see watch, case in the form of

Foster, Arthur, of Prescot, spring maker 87
Foster, James, of Prescot, spring maker 87
Foster, John, of Prescot, spring maker 87
Foster, Thomas, of Prescot, spring maker 87
Foulkes, Robert K.
- brief biography 333
- librarian, AHS K24
- portrait K11, K12
Fournier, Stanislaus, electric clock 223
Frampton, Derek
- meeting report 229-230, 568-569
- secretary, Southern Section K20
France,
- *Early enamelled French watches*, by Simon Bull K29
Franklin, Benjamin
- portrait 514
Franks, Augustus Wollaston
- assistant, British Museum 631
Frauds and Abuses at St Paul's 38, 45-46
Freeman, John, London, spring maker 76
Freeman, John T., London, spring maker 76
French, Dr,
- *Watches 1725-1910*, lecture 445
Frisius, Gemma K45
Frisch, Julia,
- *Ships of Curiosity*, reviewed 101
Frodsham & Nicole Nielsen
- letter from Tony Maragna 347
Frodsham, Charles
- chronometer, marine, no.3520 587
- deck watch, silver, no.09220 202
- pocket chronograph no.09571 203
Frodsham see also Parkinson & Frodsham 74
Fromanteel & Clarke, longcase clock, mulberry, 3-train ¼ chiming 246
Fromanteel, Ahasuerus 196, 442
- bracket clock, musical 446-447
- school of 518
Fromanteel, John K48
Fulton, John 562
- furnace temperature recorder 700
fusee, central, *French Oignon Watches with a Central Fusee*, by Adolphe Chapiro 380-387
fusee chain, Octavius Morgan discussed 422
fusee engine 343
fusee, slender, in Almanus manuscript 670
Fusoris, Jean, Bourges, cathedral clock 670
G
Gaïa Prize 2003, awarded to Anthony Randall 378-379
Gaignon, M. 122
Galileo
- invention of pendulum K25
- observations K57
- *Galileo*, lecture by John Abrahams & Beresford Hutchinson 127
Gallest à Abbeville, watch movement 407-408
Ganczarczyk, Jerzy, *English registry marks on watchcases*, [letter] 709
Ganeval & Callard, London, spring makers 76
Gardner, Malcolm, catalogues 679
- Gardner of London, longcase clock, red japanned 131
- Gardner, Thomas, London, longcase clock 470
Gardner, Timothy, London, spring maker 76
Garland, watch supplier to Samuel Deacon 56
Garle, Thomas, London, spring maker 65, 76
Garnett, William, Liverpool, spring maker 87
Garnier, Paul, carriage clock, chaff-cutter escapement 571
Garnier, Richard
- biography K8
- *Tompson's Ornament: links with the court team of designers and craftsmen* K64-74
Garnett, Ferdinand, watch, oval 310
Gastell, James, London, spring maker 76
Gatty, Alfred, *Mrs Book of Sundials* 563
Gautrin et fils, watch, one-wheel 482
gearing
- epicyclic, in Antikythera Machine 270-279
- one-wheel watch, Gautrin et fils 482
- right-angle 666
- square wheels 223
Wild, J. Malcolm, FBHI, *Wheel and Pinion Cutting in Horology*, reviewed 100
- worm, motion work 576
Gelling, Richard, meeting report 231-235
Gentot, Blaise, engraver of Mostyn Tompion K71
Gents of Leicester, Liver Building clock 706-707
Gerber, Fred 449
Gibbard, Julian, restorer, AHS visit to 228
Gibbons, Michael
- *English Keyless Winding Watches* 423-428
- meeting report 229, 703
Gibbs, John, London, spring maker 449
Gibson, Thomas, Liverpool, spring maker 87
Gibson, William, Liverpool, spring maker 87
Gideon, Robert, London, spring maker 65, 66, 76
Gilbert, bell supplier 54
Gildersleeve, S.A., portrait K12
Gill, Eric, St Dominic’s Press 677
Gill, George, London, spring maker 76
Gladstone, removed watch tariffs 657
Glasby, John
- lecture report 127
- meeting report 700-701
Glasshute Uhren betrieben, electric clock 452
Glazebrook, R.V., secretary, AHS K13
globe, celestial
- Baldwein, Eberhard 567
- Janvier, Antide, mechanical 321
- *Sphères, ..., by Alexis Kugel, reviewed* 320-321
- globe, terrestrial
- French, table clock 321
- La Garde, Jacques de 321
Glover, Thomas, of Halewood, spring maker 87
Glover, William, London, spring maker 76
Glück, Adam, Augsburg, watch 414
- Glück, George, of Berlin, watch, silver, verge, book-form 638-639
Glynn, Richard, sundial, silver inclining 162
- Goedeij, Nicholas, watch, octagonal rock-crystal 409-410
going barrel, use in early English clocks 196
gold chaser, London
- Haidt, John Valentine 703
- Heckel, Augustin 703
- Manley, Henry (Heinrich Mannlich) 703
- *Gold Chasing in the Eighteenth Century*, lecture by Dr Richard Edgcumbe 703
gold, detection using X-ray fluorescence 499-500
Gooch, John, London, spring maker 76
Good, Mary 543
Good, Thomas, apprentice of Henry Jones Jr 187
Good, William 543
Goodall, Edward, of Speke, spring maker 87
Goode, Charles bracket clock, ebony, ¼ repeat 603
watch, verge 565
Goodison, Sir Nicholas, President, AHS K13
Goodship, Geoffrey, chairman, Electrical Horology Group K17
Gorsuch, Henry, Liverpool, spring maker 87
Gothic clock, 'dark moons' lunar indications, 24 hour dial and strike 668
Gould, Christopher, longcase clock, 'mulberry', grande sonnerie 446, K39-40
Gould, Dr Charles 302
Goullons à Paris, watch, gold and enamel 618, 619
Gower, Elizabeth, London, spring maker 76
Gowley, Mrs, of Georgeham, Devon, see Crowley, Jeannie M.
Graf, Johannes 696
Graham, George improvements in timekeeping by longcase clock Culzean Castle, Ayrshire 562 no.635 253 no.639 612-617
Grassis, Anthonius de, clockmaker, in Almanus MS 671
Grattidge, John, meeting report 228-229
Gray, James, Edinburgh, longcase clock, mahogany 14
Great Harwood, St Bartholomew's church 97
Greatorex, Ralph 542
Griffiths, J., (1781-1840), watch 445
Griffiths, John, Liverpool, spring maker 87
Griffiths, R.J., The Early Watchmakers of Toxteth Park 163-177 Grimthorpe, Lord, centenary exhibition planned 238
Grimwood, P., Orreries, design and manufacture of, lecture 227
Grinkin, Robert, junior, London, watch 415
Grinkin, Robert, senior, London 64-65
Gros?, London? mainspring maker 77
Grove, Sarah, London, spring maker 77
Gucht, van der, engraver K72-73
Guilbert, John, Tower Hill, sundial, 1776 242
Guildhall Library (The) K23-24
Hooke, Robert, original publications and diary 682
Guilford, 1st Baron, see North, Francis

H H. & Co., trademark 132
Haagse Klok, see Hague clock
Haanstra, Bauke, of Sneek, stool clock 568
Habrecht, Isaac 568
Carillon clock,1589 568, 631-632
Hagen, Olive, London, spring maker 77
Hague clock Coster, Salomon, turtle-shell, c.1657 K46 makers and examples mentioned K45-48 Oosterwijk, Severijn 570 Verroux, Jean 571
Vissag, Pieter, The Hague, Zaandam, museum K46-47
Hahn, Philipp Matthaus clocks, astronomical 695 museum, Onstmettingen 697 orrery 696
Haird, John Valentine, gold chaser, London 703
Hall, Thomas Clarke, Liverpool, spring maker 87
Hallam, Edward 52
Halleicher, Hans Otto, Augsburg, gyphon automaton clock 642
Halsall, John, Halewood, spring maker 87
Halsall, William, Halewood, spring maker 87
Hanbury, John, apprentice to Henry Jones 543 hands, fastening of Jones, Henry 474, 531 Tompion, Graham, and Banger 404, 474 Handsworth Park, turret clock 342 Hanet, Nicholas K48
Hannah, Jim, meeting report 124, 228, 341, 445, 565, 697-698
Hannan, John 543
Hansard, J., London, spring maker 77
Hansard, William Drake, London, spring maker 77
Hansell, Peter, The Colourful Douglas Lapraik (1818-1869) 331-332
Harding, John, London, spring maker 67, 77
Hardman, John, Liverpool, spring maker 67, 77
Hardy, Robert, London, spring maker 87
Hardy, Thomas, watch case maker 6
Hardy, William, London, marine chronometer no.53 74
Hardy, William, New Brighton (Liverpool), regulator, longcase 483
Harewood House, turret clock dial 575
Harries, Cdr David, chairman, West Country Section K21
Harris, George, London, spring maker 65, 77
Harris, Lord (5th Baron) collection 227, 379, 576 letter from R. W. Symonds 680 President, AHS K13
Harris, Mary, London, spring maker 77
Harris, Stephan, Henry Elliott, [letter] 577
Harrison, George 176
Harrison Medal, awarded to Jonathan Betts 161
Harrop, Thomas, Liverpool, spring maker 87
Hartley, J.R., Norwich, longcase clock, burr-walnut 571

739
Harton Pit, South Shields  
Airy’s experiments  
commemorative medallion  
Hartridge, Tony, chairman, Turret Clock Group  
Hartshorn & Son, London, spring makers  
Hartshorne, William, London, spring maker  
Harue, Robertus, see Harvey, Robert  
Harvey, Mrs  
Harvey, Robert, London, lantern clock  
Harwood, John  
self-winding watches  
Harwood, Mr, St Paul’s Cathedral  
Haspels, Dr Jan Jaap  
Hassel, J., Joseph White of Coventry, Watchmaker to the Admiralty  
Hawley, Thomas, address  
Haworth, Ann  
Haworth, John  
Hay, Peter, London, spring maker  
Hayle, Samuel, London, ‘East school’  
Heafield, John  
Heath & Wing, address  
Hebrot, Jean, Brussels, watch, enamelled, ‘Virgin and infant Christ’  
Heckel, Augustin, gold chaser, London  
Held, see Benson & Hell  
Hellam, James  
aristotle to Henry Jones  
Helsby, Timothy, Liverpool, spring maker  
Hemmings of Bicester, turret clock, Finmere  
Henderson, Francis, Musselburgh, longcase clock, musical, astronomical, automata  
Henderson, John, Dunfermline, longcase clock, Adam & Eve dial  
Henderson, Robert, Scarborough, longcase clock, single hand, oak  
Henderson, Robert, stolen clock recovered  
Henningham, Bladen George, London, spring maker  
Henricus, master, [German]  
alarm, Italian model  
clockmaker, in Almanus manuscript  
*Henry Williams, clock and watchmaker of Llancafn,* lecture by Dr Ed W. Cloutman  
Herasmus, master, clockmaker, in Almanus MS  
Herschel, Alexander, monkey clock  
Herschel, William and Caroline, *Caroline Herschel’s Monkey Clock,* letter by Michael Hoskin  
Hewlett, Mr, reviewed *English Clock Masterpieces*  
Heywood, Mr., Northern Section  
Hicks, Thomas, London, marquetry longcase clock, stolen  
Higgen, Banger, leather-seller  
Higton, William, Liverpool, spring maker  
Hilderson, John, London, ‘East school’  
Hill, Benjamin, watch, gold and blued-steel pair cased  
Hill, Charles, *Art and antique recovery,* lecture  
Hill, Donald, and Arabic water clocks  
Hill, Nathanial, watchmaker, Coventry  
White, Joseph, apprentice to and partner of  
Hill, William  
Hindley  
turret clock  
Aldburgh  
Harewood House  
Lower Dunsforth  
Hindley, Henry  
clock, York Guildhall  
family tree  
*Henry Hindley and the Lancashire Connection,* by Chris Watson  
longcase clock  
burr ash and walnut, ¼ chiming  
musical  
Hindley, Henry (attrib.), longcase clock, year-going  
Hindley, of York, bracket clock, ebonised, ¼ strike and repeat  
Hindley, Roger, London, watch-cap maker  
Hippkin, Alan, meeting report  
Hipp, Matthaus  
Hipp toggle  
*Matthaus Hipp Chronoscopes,* lecture by Dr Thomas Schraven  
The History and Manufacture of Files, lecture by Jim Nicholson  
Hoare, Mike, meeting report  
Hodgetts, Thomas, London, spring maker  
Hodgson, Brynn  
Langley Bradley – ‘A Judicious Workman’ by Brynn  
Hodgson, Part III: St Paul’s Cathedral  
Langley Bradley, lecture  
meeting report  
secretary, East Anglian Section  
Hodgson, John, Liverpool, spring maker  
Hodgson, Mrs. S., secretary, AHS  
Hooven, Anthonius, Leyden, longcase clock, ebony, calendar and lunar dials  
Holden, Frank  
electric clock  
mantel clock  
patent 156408  
Hole, F. W., London, spring maker  
Holl, Wenzel, engraver  
Holliws, Geoff, see also Bundock & Hollis  
secretary, Turret Clock Group  
treasurer, Turret Clock Group  
Holliwell, Thomas, Liverpool, spring maker  
Holloway & Company  
Holloway, George, H. & Co. trademark  
Holme, Joseph, of Speke, spring maker  
Holmes, Dr Malcolm G.  
Holmes, James Ivory  
Holmes, John, London  
address  
apprentices, listed  
*An Astronomical Journeyman Clock by John Holmes,* by Matthew Read
Holmes, John, London (continued)

beard plate 651
bracket clock, ebonised, tic-tac, ¼ repeat
break-arch case 650, 591
true bell case 300
bracket clock, mahogany, tic-tac, ¼ repeat 301
children of 298
family 643
family tree 290, 292
first years in London 291
Greenwich Hospital clock 295
Holmes, Dr Malcolm G., direct descendent 643
John Holmes (1727-97), Time for a Further Look, by Chris Watson 643-653
John Holmes, His Life and Work, by Chris Watson 289-301
journeyman clock 673-676
train count 676
Kendall, Larcum, working relationship 646
longcase clock

Chippendale style, 3-train, ting tang ¼ 646-649
mahogany cased with dead-beat escapement 649-651
backplate, bolt and shutter activation 650
dial 650
maintaining power linkage 651
with mahogany case 299
offset crutch 301, 648, 650, 651
other ventures 296
pendulum, wood-rod, ‘Ludlam’ variant 651
Smeaton, letters from 645
‘The Strand Years’ 293
watch
no.4818, gold repoussé pair-cased verge 652
no.6526, ‘William Pitt’, gold pair-cased cylinder 653
movement 653
water valve 296
Holmes, William, eldest son of John Holmes 643
Holt, John, Liverpool, spring maker 87
hook and strike clock, Whitehurst, 3 train, chiming 599
The Curious Life of Robert Hooke, Jardine, Lisa 681
Hooke, Robert 541, K55-57, K62-63
anchor escapement K78-79
balance spring K76-78
biography

Espinasse, Margaret 681
Inwood, Stephen 681
Jardine, Lisa 681
flying, means of K76
Helioscopes K77, K78
inventions of K56-57, K75-79
knowledge of horology K62-63, K76
London, city surveyor 681-682
Micrographia 682, K56
Morland, mention of K60
New Books, Old Books, and some thoughts on Robert Hooke, by Jeff Darken 681-683
original publications and diary 682
owned planispheric astrolabe clock 629
pendulum experiments K76
philosophical views of K75
‘portrait’ K75

Hooke, Robert (continued)

The Posthumous Works of Robert Hooke 683
ridiculed K61
Robert Hooke New Studies, ed. Hunter & Schaffer 682
Robert Hooke: of spring, vibration and horology, by Allan Chapman K75-79
Royal Society, Curator of Experiments 681
sea clock K77
self-publicist K78
Of Spring K77
Tompion, mention of K63
universal joint K56
vibrations K79
watch made by Tompion K76
hoop wheel, earliest mention, mid C15 666
Hope, depiction of 311
Hopkins, Francis, London, spring maker 77
Hopkins, John, London, spring maker 77
Hornby, John, Liverpool, spring maker 87
Hornby, William, Liverpool, spring makers 87
Hornby, William, of Prescot, spring maker 87
Horne & Prigg, London, spring makers 78
Horne, Henry, London, spring maker 67, 77-78
Horne, John, London, spring maker 67, 77
Horological Index (David Penney) 255
Horological Masterworks, exhibition 27, 105, 159, 375, 440
catalogue, hardbound 435
catalogue, rationed K80
Horological Masterworks at Oxford, by Jim Bennett K80-81
visit by Midlands Section 446-447
horology, view of in Restoration England K63
Hoarocks, Christopher, will 176
Hoarocks, James, Toxteth Park 168
Hoarocks, Jeremiah, astronomer 163, 176
Hory, Jacques, Paris, bracket clock 198-199, 201
Hoskin, Michael, Caroline Herschel’s ‘Monkey Clock’, [letter] 577
Hossbach, Mrs. P., secretary, AHS K13
Hough, James, Liverpool, spring maker 87
hours, Italian 671
hours, unequal, al-Jazarî water clock 208
House of Binns, West Lothian, Pringle, George, & Sons, Edinburgh, organ clock 562
Howard, Richard, Liverpool, spring maker 87
Howard, Taylor, Cambridge, watch 445
Howell, John, book review 685
Howells & Pennington, marine timekeeper no.1 69
Hoyle & Copeland, Liverpool, spring makers 87
Hoyle, Hughes & Co., Liverpool, spring makers 87
Hoyle, Luke, Liverpool, spring maker 87
Hubert, Yves, à Richelieu, oignon watch 381-383
Hudson, Felix K20
Hudson, Miss L.A., brief biography 333
secretary, AHS K13
Huff, Robert, London, spring maker 78
Huggeford, Ignatius, watch, ‘jewelled’ 618, 619, 620, 624
Hughes, Evan, Liverpool, spring maker 87, see also Hoyle, Hughes & Co.
Hummel, Charles, Dominy Family Clockmakers, Long Island, New York, USA, lecture 693-694

vol27indexrev5.indd   741
26/08/2004   16:37:38
J

J.C., watch, silver, in form of pear 639
Jackson, Brian 126
Jact, Henri, carriage clock, giant grande sonnerie calendar 359
Jaeger Le Coultre, self-winding watches 566
James, Andrew L., lecture, Sundials 230
James, Mr. St Paul's Cathedral clock 50
James, Mrs. M., secretary, AHS K13
James, Richard, apprentice to John Holmes 645
Janca, Francis
AHS logo K12
brief biography 333
Janvier, Antide
*Antide Janvier astronomical clock*, lecture by Jim Arnfield 444-445
globe, mechanical celestial 321
japanning 442
Jardine, Lisa, *The Curious Life of Robert Hooke* 681
JAZ, transistorised clock 452
Jefferys, John, watchmaker 644
Jesse, Josias, apprentice to John Holmes 645
John, Hans, Königsberg, watch with pistol 312
*John Holmes (1727-97), Time for a Further Look*, by Chris Watson 643-653
*John Holmes, His Life and Work*, by Chris Watson 289-301
Johnson, cousin of Samuel Deacon 53
Johnson, George, London, spring maker 78
Johnson, John & Thomas, Prescott, spring makers 88
Jolley, Isabella 543
Jolley, Marmaduke 543
Jolley, Otiwell 544
Jolly, Joseph, apprentice to John Holmes 645
Jones, Anne, mother of Henry 544
Jones, Anthony Charles, case maker, silver carriage clock 356
Jones, Bridget, sister of Henry 542, 544
Jones, Dennis
chairman, Midlands Section K19
treasurer, Midlands Section K19
Jones, Evan, engraver 540, 544
Jones, George, friend of Henry 544
Jones, Hannah, widow of Henry
bracelet clock by 191
continues workshop 191
will 194-195
Jones, Henry, London
apprentices, list of 543
apprenticeship 181-182
barometer, domestic, introducing to London 540-542
bracelet clock
architectural, Belmont 526-527
architectural, British Museum 525
bar-operated ¼ repeat 536
basket top, timepiece, ¼ repeat 534-535
Dutch striking 533-534
‘East Style’ 521
ebony, barley twist pillars 527
ebony, Dutch striking 474-475
ebony, silver mounts, skeleton dial 528
ebony, timepiece, pull repeat 540
Jones, Henry, London
bracket clock (continued)
olivewood
Dutch striking 530-531
miniature 532-533
walnut grande sonnerie K34
and Clockmakers’ Company 188, 190
family tree 180
gives £100 to charity 187-188
Henry Jones – Clockmaker of London, by C. Stuart Kelly
Part I – His Life 179-195
Part II – His Work 518-544
lantern clock, quarter striking 521
life of 179-195
longcase clock
marquetry, 3-train, ¾ s pendulum 536-537
marquetry, skeleton dial 532
olivewood marquetry, skeleton dial 539
pearwood, timepiece 528-529
walnut 525
walnut, architectural, c.1670-5 525
walnut, c.1673-5 529-530
walnut, movement, stolen 241
marriage 183
monument to 188, 189
origins of Jones methods 518
people associated with 543-544
petition to Middle Temple 187
Phase I, 1663-85 521-538
Phase II, 1685-95 538-540
premises 184-187
signature, engraved 524, 527
sister, Bridget, married Henry Wynne? 542
watch
gold, shagreen, lost, 1689 539
silver pair case, verge 712
silver, striking, lost, 1675 531
will and legacies 190-191, 193-194
Jones, Henry, son of Henry 187, 540, 544
apprentice to Henry Jones 543
Jones, John, son of George 544
Jones, Martyn, Henry Jones watch, [letter] 712
Jones, Mr., St Paul’s Cathedral clock 50
Jones, Robert, brother of Henry 544
Jones, Susannah, sister of Henry 544
Jones, Thomas, freed 1679 544
Jones, William, father of Henry 544
Jones, William, son of Henry 187
apprentice to Henry Jones 543
Joseph White Ltd 654
Joseph White of Coventry, Watchmaker to the Admiralty,
by Jeremy Hassell 589, 654-664
journeyman clock
An Astronomical Journeyman Clock by John Holmes,
by Matthew Read 673-676
astronomical regulator, ‘assistant’ to 673
Holmes, John 673-676
Joyce, Robert, Liverpool, spring maker 88
Joyce, William, Liverpool, spring maker 88
Joyce, John, à Paris, watch, square, gilt metal 635

Jump of London
carryage clock, silver, hump back 356, 720
carryage clock no.2019 263
miniature longcase clock 126
Jürgensen, Copenhagen, watch, gold hunter 571
Jürgensen, Jules, Copenhagen, watches, numbers, [letter] 711
Just & Son, watch, oriental market 571
K
karrusel
Bonniksen, Bahne, inventor of 658
drawing of 658
Joseph White & Son, manufacturer of 658
Keartley, Robert Loftus, Liverpool, spring maker 88
Keighley, Robert, London, spring maker 78
Kelley, C. Stuart
Henry Jones – Clockmaker of London
Part I – His Life 179-195
Part II – His Work 518-544
Kelmscott Press 677
Kelshaw, William, Liverpool, spring maker 88
Kelvin, Lord 562
Kelvingrove Museum and Art Gallery, Glasgow 562
Kempson, Henry, Liverpool, spring maker 88
Kendall, Larcum 516, 644
working relationship with John Holmes 646
Kennedy, John, Liverpool, spring maker 88
Kennett, Bishop of Peterborough 422
Kermack, W.A., brief biography 333
Kew trials, Joseph White & Son 660
Keyless work, see watch, keyless winding
Kheller, Johann Michael, of Friedberg
watch, square, fusee verge, c.1600, stolen 713
watch, square, gilt silver, Bernal collection 633-634
Killshaw, William, Liverpool, spring maker 88
King, Andrew, portrait K83
King, Matthew, & Taylor, John C., Samuel Knibbs Cupola Clock 499-501
kingwood
cabinets 613
Graham, George, no.639, month longcase 612-617
Kipling, William, London, bracket clock, red lacquer 366
Kirks, Sarah 544
Klemm, Friedrich 206
Klette, Rex, secretary, Midlands Section K19
Knebel, Hermann Friedrich, of Amsterdam, longcase regulator K53
Knibb, Joseph 442
bracelet clock
ebony
grande sonnerie 30-hour K32
grande sonnerie double-six K37-38
ebony, silver mounted
grande sonnerie K35, K36
petite sonnerie K35, K36
miniature 30-hour, grande sonnerie 196-201
phase II grande sonnerie 201
pull-bar repeat 266
timepiece, St. Andrews University 564
Continental influence 198

743
Antiquarian Horology
Knibb, Joseph (continued)

Joseph Knibb's First Grande-sonnerie clock?, by John C. Taylor 197-201
longcase clock
timepiece, St. Andrews University 564
wood 366
repeating work 450
turret clock, Oxford, Wadham College K79
Knibb, Samuel 198, 442
table clock, cupola top
Restoration decisions 499-501
Knight, Jack, lecture report 127, 568
Knight, Michael, apprentice of Tompion 71
Knight, Susan, meeting report 702-703
Knight, William, London, spring maker 78
Knip, Alexis, and Galerie, visited 223
Knowles-Brown, F. H., portrait K
Kraminer, Jim, lecture report 127

L

La Garde, Jacques de, globe, mechanical 321
Labarte, Jules, Debruge-Duménil collection cataloguer 626
lacquered case, Plumley of London, tavern clock 140
lacquering 442
Laithwait, Thomas, Liverpool, spring maker 88
Lalonde, Jerome, London 510-511
portrait 511
Lambert, John, London, spring maker 67, 78
Lammertsoen, Jacob, turret clock, maker 232
Lampert, John, watch, oval 311-312
Lancashire, manufacturing in 163
Lancaster, Henry, spring maker, of Hale 88
Lange, A. & Söhne, Glashutte, watch 17
Langmaid, Norman, portrait K82
Lansallos, Cornwall, vertical sundial at 550
lancet clock
Bagley, Thomas, London 146
Harvey, Robert, London 379
Harvey, Thomas 126
Jones, Henry, quarter striking 521
Loomes, Thomas 127
Mills, Humphrey, Edinburgh 562
Newton, George, of Scend, c.1650 127, K30
Pennock, John 126
Power, Thomas, of Wellingborough 138
Sellwood, William 127
Stretch, Samuel 608-611
Tompion, Thomas, no.472 355

Philip, English Pocket Watch Cases and their Makers 118-120
Priestley, Lectures 442
Pryce, Dr W.T.R., Comtoise Clocks 121-122
Robey, John A. Clockmaking in 18th and 19th centuries 225-226, 228, 704-705
Longcase striking work 223-224
Rose, Ronald E., Complicated Clocks 229, 340-341, 698
Schraenen, Dr Thomas, Matthias Hippi Chronoscopes 344-345
Shenton, Rita, Reflections on Horological Literature 341
Shufflebotham, Paul 120-121
Legg, Michael, Development of the Longcase Clock 442

Lantern clocks, lecture by Jeff Darken 126
Lapraik, Douglas
The Colourful Douglas Lapraik (1818-1869), by Peter Hansell 331-332
Lapraik watch no.1665, letter, Eric Foster 455-457
portrait 331
travelling clock 331-332
Lavender, William, London, spring maker 66, 79
Lavoisier, Antoine 514
Law, Rodney, elected as Fellow of AHS 439
Lawson, Richard, apprentice to John Holmes 645
Layton, Francis, London, spring maker 67, 79
Le Roy et Fils, temple clock 126
Le Roy of Paris, watch (montre à tact) no.88, 3817 247
Lea, Joseph, Birmingham 315
Leck, Robert, Scotland, skeleton clock 226
Lecount, Peter, London, watch, no.291, rack lever 448
lecture report
Abrahams, John & Hutchinson, Beresford, Galileo 127
Baker, Paul, Early English Horological Tools 450-451
Ball, Robert, Royal Clocks 447
Bateman, Douglas A., 'Q and my own clock 236
Blackwall, Richard, Turret Clocks 445-446
Boschieter, Ted, Electric Clock Escapements 129
Bryan, Derek, Thomas Mercer and Sons 444
Bundock & Hollis, Floral Clocks 343
Bundock, Mike, Bailey of Salford 458
Cockwill, Hugh, The Art and Manufacture of Painted Dials 341, 343-344
Darken, Jeff, Lantern clocks 127
Deignan, O.M., Sundials 224-225
Duley, Tony, Streizig clock and Zamboni piles 229-230
Edwardes, Mr., English Lantern Clocks K15
Evans, G., Smiths Watch Factory 124
Evans, Robert, Samuel Deacon 453
French, Dr, Watches 1725-1910 445
Grimwood, P., Orreries, design and manufacture of 227
Hodgson, Brynn, Langley Bradley 228-229
Hummel, Charles, Dominy Family Clockmakers 693-694
Irvine, Phil, Turret Clock and Bells 125-126
James, Andrew L., Sundials 230
Lee, Michael, A Clock at the Redhouse of William Browne at Stamford 120-121
Legg, Michael, Development of the Longcase Clock 442
Priestley, Philip, English Pocket Watch Cases and their Makers 118-120
Pryce, Dr W.T.R., Comtoise Clocks 121-122
Robey, John A. Clockmaking in 18th and 19th centuries 225-226, 228, 704-705
Longcase striking work 223-224
Rose, Ronald E., Complicated Clocks 229, 340-341, 698
Schraenen, Dr Thomas, Matthias Hippi Chronoscopes 344-345
Shenton, Rita, Reflections on Horological Literature 341
Shufflebotham, Paul 120-121
Coventry clocks and watches 230-231
Coventry Watch Museum Project 697-698
Smith, Michael, 'The Clockmakers' Company 119-120

Antiquarian Horology 744
lecture report (continued)

Smith, Prof. Alan, *Sundials Old and New* 445
Still, Roger, *English Repeating Mechanisms* 449-450
Thompson, David, *Early Watch and Clock Collectors of the Nineteenth Century* 567
Torry, Peter, *Introduction to Electrical Horology* 122-123
Treherne, Alan, *Peter Stubs, The Birmingham and Coventry Connection* 124

Lee, Michael, *A Clock at the Beadhouse of William Browne at Stamford*, lecture 120-121
Lee, William 52
Leeson, Graham, secretary, *Southern Section* K19
Leeson, turret clock, *Olney* 571, 572
Leeuwen, Pier van biography K7

*The Dutch connection: a short history of the Dutch clock* K43-54

Legg, Michael, *The Development of the Longcase Clock*, lecture 442
Lehner, Andreas, Munich mantel clock, *Brodick Castle, Arran* 564
Leicester

Newarke Houses Museum
Deacon, Samuel, watch no.4 55
watch engine, drawing 56
Leigh, W, longcase clock 126
Leith Hall, Aberdeenshire, clocks 562
Lendal tower 296
lens aspherical K59-60
Wren’s grinding engine K59-60

*Lenzkirch clocks*, letter by D.K. Stevenson 237
Lenzkircher-Uhren-Freunde e. v. 237
Leopold, John H.

*Almanus Re-Examined* 665-672
librarian, AHS K24

*For your further reading* 458-459, 714

Lepaute, Henry, mantel clock, *Culzean Castle* 562
Lepaute, Henry, Paris, skeleton clock, calendar dials 16
Leroy, chronometer, marine, *Chronostat III* 452
Lesty, John, Liverpool, spring maker 88
Levin, Lewin, London, spring maker 79
Leving, Mr 544
Lewes clocks, exhibition and sale 478
Lewisham Bridge flock mill 296
Leyland of Prescot, regulator 708
Leze, Paris, carriage clock, no.1330 468
library (AHS), see AHS 468
Liechti family, iron wall clocks, *Gewerbemuseum* 696
Lietuyt, Johan K44
*Lincolnshire Clock, Watch and Barometer Makers*, reviewed 699-700
Lindsay, Bob
*Clackmannanshire’s Public Clocks*, lecture 443-444
lecture report 121-122
Linstead-Smith, Peter
lecture report 449-450, 704-705
portrait K83
*Linwood alarm*, letter by Alan Shenton 239

Linwood, John, clockwork alarm 239
Litherland & Co., Liverpool, pocket chronometer no.3824 6
Litherland & Davies, pocket chronometer no.1051 74

Liverpool

Industrial Schools, turret clock 123
Liver Building, clock, *Gents of Leicester* 706-707
Liverpool Museum, turret clocks 125
maintainers 85-89
map in 1826 163
Toxteth Park, early watchmakers of 163-178
Walker Art Gallery, Exhibition, *Horological Masterworks* 379
Lloyd, Ami William, London, spring maker 79
Lloyd, H. Alan
brief biography 333
portrait K11
Lloyd Jones, Kenneth, lecture report 562-563, 567
Lloyd Thomas, E., treasurer, *Electrical Horology Group* K17
Lloyd, William, London, spring maker 79
Loeffel, Samuel, London, spring maker 79
Loftus, see Keatley, Robert Loftus
Loftus, John, Liverpool, spring maker 88
Loftus, William, Liverpool, spring maker 88
London

*British Museum*, see museum
Crane Court showing premises of *Royal Society* 514
Great Fire, map of 182
Guildhall Library, *Clockmakers’ Company Exhibition* 30
Londoni, error or variant spelling? 132
mainspring makers 69-85
map of
Fetter Lane, 1747 513
Great Fire 182
Holborn, c.1747, Holmes and contemporaries’ locations 644
Inner Temple area 184,185
Nevill’s Court 513
St Paul’s Cathedral
accounts of Langley Bradley’s clock 47-51
building accounts 46-47
*Fact Against Scandal* 39
Frauds and Abuses at St Paul’s 38
keeper of the clock 41
turret clock 35-37
Science Museum
*Collectors’ Pieces, Clocks and Watches*, exhibition K14
*Electrifying Time*, exhibition K16
Somerset House 295
London, John, of Bristol, longcase clock, 30-hour, walnut 268
*Londoni Leonardo*, Bennett, Jim et al 681
long duration, fifteen days 502-508
Murdock, William, longcase regulator
long duration, four year 697
Naeschke, Matthais 697
long duration, month 562
Bradley, Langley
Earnshaw, Thomas, mahogany regulator 467
Graham, George
no.635, walnut longcase 467
no.639, kingwood longcase 467

745 Antiquarian Horology
<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ogden, Thomas</td>
<td>Halifax</td>
<td>Mahogany month, ball moon</td>
</tr>
<tr>
<td>TOMPION, &amp; BANGER</td>
<td>no.483</td>
<td>373, 398, 497, 498, K1</td>
</tr>
<tr>
<td>Dunlop, Andrew</td>
<td>Leith Hall, Aberdeen</td>
<td>562</td>
</tr>
<tr>
<td>Hindley, Henry</td>
<td>attrib, longcase clock</td>
<td>483</td>
</tr>
<tr>
<td>MARRANZELLER OF VIENNA</td>
<td>attrib, Dachlauer</td>
<td>259</td>
</tr>
<tr>
<td>Sayller, Johann</td>
<td>Ulm</td>
<td>422</td>
</tr>
<tr>
<td>TOMPION, Thomas</td>
<td>longcase clock</td>
<td>562</td>
</tr>
<tr>
<td>MESTYN clock</td>
<td>K170</td>
<td></td>
</tr>
<tr>
<td>Long, John</td>
<td>London, spring maker</td>
<td>79</td>
</tr>
<tr>
<td>Long, Thomas</td>
<td>London, spring maker</td>
<td>65, 79</td>
</tr>
<tr>
<td>Aldworth, Samuel</td>
<td>marquetry case</td>
<td>9</td>
</tr>
<tr>
<td>Allam, William</td>
<td>London, mahogany</td>
<td>4</td>
</tr>
<tr>
<td>Anonymous movement</td>
<td>349-350</td>
<td></td>
</tr>
<tr>
<td>Baddely, John</td>
<td>Albrighton, 30-hour</td>
<td>342</td>
</tr>
<tr>
<td>Banger, Edward</td>
<td>357, 392-393, 400-405</td>
<td></td>
</tr>
<tr>
<td>Barnett, John</td>
<td>London</td>
<td>132</td>
</tr>
<tr>
<td>Cooper, Robert</td>
<td>of Salisbury</td>
<td>346</td>
</tr>
<tr>
<td>Cumming, Alexander</td>
<td></td>
<td>563</td>
</tr>
<tr>
<td>Marquetry</td>
<td></td>
<td>562</td>
</tr>
<tr>
<td>Deacon of Barton in the Beans</td>
<td></td>
<td>344</td>
</tr>
<tr>
<td>Deacon, Samuel, musical</td>
<td>280-288</td>
<td></td>
</tr>
<tr>
<td>Delander, Daniel</td>
<td>duplex escapement, ivory dial</td>
<td>269</td>
</tr>
<tr>
<td>Dickie, Alexander</td>
<td></td>
<td>563</td>
</tr>
<tr>
<td>Duchesne, Claude</td>
<td>stolen</td>
<td>132</td>
</tr>
<tr>
<td>Dutch, generally</td>
<td></td>
<td>K49-51</td>
</tr>
<tr>
<td>Dutch, oldest known,</td>
<td>by Hoevenaer</td>
<td>K49-50</td>
</tr>
<tr>
<td>East, Edward</td>
<td>walnut marquetry petite sonnerie</td>
<td>K33-34</td>
</tr>
<tr>
<td>Fromanteel &amp; Clarke</td>
<td>mulberry, ¾ chiming</td>
<td>246</td>
</tr>
<tr>
<td>Gardner of London</td>
<td>red japanned</td>
<td>131</td>
</tr>
<tr>
<td>Gardner, Thomas</td>
<td>London</td>
<td>470</td>
</tr>
<tr>
<td>Gould, Christopher</td>
<td>‘mulberry’, grande sonnerie</td>
<td>446, K39-40</td>
</tr>
<tr>
<td>Graham, George</td>
<td>no.635, walnut</td>
<td>253</td>
</tr>
<tr>
<td></td>
<td>no.639, kingwood, month, bolt and shutter, day/date</td>
<td>612-617</td>
</tr>
<tr>
<td>Gray, James</td>
<td>Edinburgh, mahogany</td>
<td>14</td>
</tr>
<tr>
<td>Hartley, J er., Norwick</td>
<td>Burr-walnut</td>
<td>571</td>
</tr>
<tr>
<td>Henderson, Francis</td>
<td>Musselburgh, musical,</td>
<td>562</td>
</tr>
<tr>
<td></td>
<td>astronomical</td>
<td></td>
</tr>
<tr>
<td>Henderson, John</td>
<td>Dunfermline, Adam &amp; Eve</td>
<td>342</td>
</tr>
<tr>
<td>Henderson, Robert</td>
<td>Scarborough, 1-hand, oak</td>
<td>460</td>
</tr>
<tr>
<td>Hicks, Thomas</td>
<td>marquetry, stolen</td>
<td>713</td>
</tr>
<tr>
<td>Hindley, Henry</td>
<td>burr ash and walnut ¾ chiming</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>musical</td>
<td>567</td>
</tr>
<tr>
<td>Hindley, Henry</td>
<td>attrib.)</td>
<td>483</td>
</tr>
<tr>
<td>Hoevenaer, Anthonius</td>
<td>Leyden, ebony, calendar and lunar dials</td>
<td>K49-50</td>
</tr>
<tr>
<td>Holmes, John</td>
<td>Chippendale style, 3-train, ¾-striking ting tang</td>
<td>646-649</td>
</tr>
<tr>
<td>Holm, John</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Longcase Clock**

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holmes, John</td>
<td>(continued)</td>
</tr>
<tr>
<td></td>
<td>dead-beat escapement, bolt &amp; shutter, mahogany</td>
</tr>
<tr>
<td></td>
<td>mahogany case</td>
</tr>
<tr>
<td>Jones, Henry</td>
<td>marquetry, 3-train, ⅓ s pendulum</td>
</tr>
<tr>
<td></td>
<td>marquetry, skeleton dial</td>
</tr>
<tr>
<td></td>
<td>olivewood marquetry, skeleton dial</td>
</tr>
<tr>
<td></td>
<td>pearwood, timepiece</td>
</tr>
<tr>
<td></td>
<td>walnut</td>
</tr>
<tr>
<td></td>
<td>walnut, architectural, c.1670-5</td>
</tr>
<tr>
<td></td>
<td>walnut, c.1673-5</td>
</tr>
<tr>
<td></td>
<td>walnut, movement, stolen</td>
</tr>
<tr>
<td>Jump of London</td>
<td></td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>walnut</td>
</tr>
<tr>
<td></td>
<td>walnut, timepiece, St. Andrews University</td>
</tr>
<tr>
<td>Knip, Gerrit,</td>
<td>planisphere and world time</td>
</tr>
<tr>
<td></td>
<td>Leigh, W.</td>
</tr>
<tr>
<td></td>
<td>London, John, of Bristol, 30-hour</td>
</tr>
<tr>
<td></td>
<td>Mudge and Dutton, mahogany, small</td>
</tr>
<tr>
<td></td>
<td>Mudge, Thomas, mahogany 8-day</td>
</tr>
<tr>
<td>Norton, Eardley</td>
<td>London, no.1165, mahogany, ¼ chiming</td>
</tr>
<tr>
<td></td>
<td>Ogden, Thomas, Halifax, mahogany month, ball moon</td>
</tr>
<tr>
<td>Pinchebeck, Christopher</td>
<td>astronomical</td>
</tr>
<tr>
<td>Starre, Dames, of Hoorne</td>
<td>planetarium dial K50</td>
</tr>
<tr>
<td>Street, Richard,</td>
<td>London, walnut</td>
</tr>
<tr>
<td>Sutton, Richard, of</td>
<td>Barton</td>
</tr>
<tr>
<td>Symonds of Repton</td>
<td>30-hour</td>
</tr>
<tr>
<td>TOMPION, Thomas</td>
<td>no.358, stolen</td>
</tr>
<tr>
<td></td>
<td>no.387, grande sonnerie repeating</td>
</tr>
<tr>
<td>Toulmin, Samuel</td>
<td>London, mahogany pagoda top, red enamel dial</td>
</tr>
<tr>
<td></td>
<td>Vulliamy of London, no.169</td>
</tr>
<tr>
<td>Whittaker, James,</td>
<td>of Middleton, 30 hour oak</td>
</tr>
<tr>
<td>Windmills, J., London</td>
<td>walnut</td>
</tr>
<tr>
<td>Windmills, London,</td>
<td>walnut</td>
</tr>
<tr>
<td>Young, Henry,</td>
<td>walnut marquetry, novel rack striking</td>
</tr>
</tbody>
</table>

**Longcase Regulator, see regulator**

**Longcase striking mechanisms**, lecture, by John Robey | 223-224, 568 |

**Longcase striking workings**, lecture, by John Robey | 223-224, 568 |

**Longstaffe, T., London, spring maker** | 79 |

**Longueville, William** | 544 |

**Loomes, Thomas, lantern clock** | 127 |

**Lord, Robert, London, spring maker** | 79 |

**Loseby, Edward, pocket chronometer no.126** | 74 |

**Lowndes, Jonathan** | 450 |

**Ludlam, Prof. William** | 295 |

**Lunar indication**

**Almanus MS, clock 17, drawing of** | 667 |

**Barry, Thomas, of Ormskirk, table clock** | 249, 323 |

**‘dark moons’**

**Bourges, cathedral** | 670 |

**Chartres, cathedral** | 667 |

**Gothic clock** | 668-670 |

**Moon disc** | 670 |
lunar indication (continued)
Delander, Daniel, longcase, ball moon 269
early trains for 666-667, 670
Ellicott, John, bracket clock 158
Hindley, Henry (attrib.), longcase, penny moon 483
Hoevenaer, Anthonius, Leyden, ebony longcase K49
Jump of London, carriage clock no.2019 263
carriage clock, striking, calendar, silver 356, 720
Knip, Gerrit, longcase clock K51
Ogden, Thomas, Halifax, mahogany month longcase, ball moon 151
Pinchbeck, Christopher, astronomical clock 496
planetary moon, Ellicott, John, bracket clock, ebony rococo 158
Lunar Society 514-515
Lunds, see Barraud & Lunds
Lutman, William, London, spring maker 67, 79
Lyddal 544
Lyme Park, AHS visit 124
Lynes, Henry John, London, spring maker 79
Lynes, William John, London, spring maker 79
M
Maberly, John, London, spring maker 67, 80
McCabe, James, London
mantel clock, no.1646 257
mantel clock no.8939 599
trademark 132
McCabe, Robert Jeremy 132
McGregor, D., & Co., Glasgow & Greenock,
marine chronometer no.P/4551 147
MacGregor, D., marine chronometer 123
Mackay & Cunningham, Edinburgh, skeleton clock 226
McKay, C.G. (Chris)
chairman, Turret Clock Group K17
Grinthorpe centenary exhibition, [letter] 238
secretary, Turret Clock Group K17
treasurer, Turret Clock Group K17
Mackintosh, Charles Rennie, wall clock, Culzean Castle, Ayrshire 562
McLean, William, Liverpool, spring maker 88
McNab, J. & A., Perth, regulator 564-565
Magellan, John Hyacinth de
commissions 516-517
Dingwall-Beloe lecture by Jonathan Betts 25
ever life 510
John Hyacinth de Magellan (1722-1790), by Jonathan Betts, Part I: Horological and Scientific Agent 509-517
London map, Magellan's house 513
London period 510-511
Lunar Men, The 514-516
map showing birthplace, Aviero, Portugal 510
pendulum signature 510
publication 1775 516
regulator 25
Royal Observatory Greenwich 512
Maggi, Ralph, apprentice of Henry Jones Jr 187
Magson, John 544
mainspring
introduction of 196
Octavius Morgan discussed 422
origins of 421
mainspring, double
Breguet, Abraham-Louis pocket chronometer no.3630 719
watch no.4202 139
mainspring, driving two trains
Coster, Salomon K46
Hory, Jacques, Paris 198
Knibb, Joseph, bracket clock 197, K32
mainspring maker, watch
Bannister, John 176
Dwerrihouse, John and Thomas 176
Holt, John 176
Norris, John 176
Topping, William 176
Unsworth, Thomas 176
Winstanley, William 176
Mainspring Makers of London and Liverpool, by Jeremy Evans 63-89
maintaining power, bolt and shutter
Graham, George, no.639, kingwood month longcase 616
Holmes, John, weight and linkage 650-651
Jones, Henry 532, 539
Murdock, William, longcase regulator 504
Young, Henry 351
maintaining power, Harrison's
Holmes, John, journeyman clock 674
McNab, J. & A., Perth, regulator 565
Making Clocks in the Eighteenth and Nineteenth Centuries, lecture by John Robey 225-226, 228, 704-705
Maklin, James, watch case, maker 254
Malinder, D.S., Arnold & Dent box chronometer no.1012, [letter] 711
Maltin, Michael, chairman, Electrical Horology Group K17
The Man Who Knew Too Much, Inwood, Stephen 681
Mangeot, John 447
Mangood, London?, spring maker 80
Manley, Henry (Heinrich Mannlich), gold chaser, London 703
Mannhart, turret clock, maker 232
mantel clock
Barraud & Lunds, no.4291 483
Cole, Thomas, no.939 484
Dunster, Roger, musical 571
Dwerrihouse & Ogden 486, 597
Lehner, Andreas, Munich 564
McCabe, James
no.8939 599
no.1646 257
Vulliamy of London, no.842 19
map, see also London, map of
Coventry, 1879, west 655
Portugal, 18th century 510
Maragna, Tony, Froddham & Nicole Nielsen [letter] 347
Marcooleyn, Henry, items from auctioned 129-130
Mardin, John, London, spring maker 80
marine timekeeper, Graham, George 74

747
Marot, Daniel K65-71, K73, K74

designs
- bracket clock K68
- chair cover K65
- longcase clock K69
- tapestry K66
- Tompion case mounts K70, K72
- Tompion spandrels K70, K71, K72

summoned by William and Mary K65

marquetry case
- Aldworth, Samuel, longcase clock 9
- East, Edward, London, longcase clock, walnut petite sonnerie K33-34
- Hicks, Thomas, London longcase clock
- Jones, Henry, London longcase clock
- summoned by William and Mary K65

Marquetry, English manufacture of 442

Marrable, C.D. K14

Marranzeller of Vienna (attrib), Vienna regulator K70, K71, K72

Maurice, John 447

Mawson, Benjamin, a smith, St Paul's Cathedral 48

May, Hugh, architect K77

Mayer, John, Astronomical clock K57

Melin, Thomas, Ltd, see also Mercer, T

Mercer, Thomas, Ltd, see also Mercer, Tony

Mercer, Thomas, Ltd, see also Mercer, Tony

Mercer, Tony, Mercer Chronometers, History Maintenance & Repair, reviewed 684

Meredith, John, London, spring maker 80

Meredith, William, London, spring maker 80-81

bill 69

meridian line, St Andrews University K65

Mey, François de, of Amsterdam, musical, wall clock c.1685 K51-52

Micklewright, Erasmus, London, spring maker 66, 80

Micrographia, by Robert Hooke 682-683

- instruments, drawing of 683
- title page 682

micrometer eyepiece K57

Middleton, David 544

Midnall, John, London, watch 313

Miles, R.H.A. (Bob)
- chairman, East Anglian Section K21
- portrait K82

secretary, East Anglian Section K21

Military timepieces, see Knirim, Konrad

Millar, H & R, Edinburgh 443

Miller, James, Alloa 443

Milles, E. 544

Mills, Daniel, London, spring maker 81

Mills, Humphrey, Edinburgh, lantern clock 562

Mills, John, London, spring maker 81

Mitchell, Arthur

- Electrical Horology Group K15
- librarian, AHS K24

- Library Notes 116, 221-222, 339-340, 439, 561, 693
- obituary of Alan Shenton 377-378

portrait K83

secretary, Electrical Horology Group K17

Molyneux, regulator, Liverpool Museum 707-708

Monconys, Balthazar de K58

Mondehare, Johannes, bracket clock 131

¼ repeating 131

Moorcroft, J., Ormskirk, cabinet maker, label 325

Moorcroft, J., Ormskirk, cabinet maker, label 325

Moorcroft, J., Ormskirk, cabinet maker, label 325

Moorcroft, J., Ormskirk, cabinet maker, label 325

Monkeys' clock, Herschel, Alexander 577

Moore, Dennis 69

Moore, Edward, Bankhall, Liverpool, watch ordered from, 1659 171

Moore, Sir Jonas K78

Mordaunt, Lady Mary K69

Mordeaunt, Lady Mary K69

More Mudge Milestones, letter by David Penney 237

Moseley, R.H.A. (Bob) chairman, East Anglian Section K21

Mourne, F., Antiquarian Horology, 442

- secretary, East Anglian Section K21

Moudy, John, London, spring maker 81

Morgan, Thomas 69

Moriarty, Joseph, Senior, London, longcase clock, Brodict Castle, Arran 564

More Mudge Milestones, letter by David Penney 237

Munday, John, London, clockmaker, label 325

Mumble, Edward, London, clockmaker, label 325

Mungall, John, London, watch 313

Murray, F., Antiquarian Horology, 442

- secretary, East Anglian Section K21

Mustard, William, London, clockmaker, in Almanus MS 671

Mylius, A., Augsburg, wall clock 131

Mylius, A., Augsburg, wall clock 131

Mylon, J. 544

Mylne, John, Edinburgh, lantern clock 562

Mylne, John, Edinburgh, lantern clock 562

Mylne, John, Edinburgh, lantern clock 562


- reviewed 685

- meteorology, Wren's instrument K58-59

- meridienne clock 452-453

- Mey, François de, of Amsterdam, musical, wall clock c.1685 K51-52

- Micklewright, Erasmus, London, spring maker 66, 80

- Micrographia, by Robert Hooke 682-683

- instruments, drawing of 683

- title page 682

- micrometer eyepiece K57

- Middleton, David 544

- Midnall, John, London, watch 313

- Miles, R.H.A. (Bob)

- chairman, East Anglian Section K21

- portrait K82

- secretary, East Anglian Section K21

- military timepieces, see Knirim, Konrad

- Millar, H & R, Edinburgh 443

- Miller, James, Alloa 443

- Milles, E. 544

- Mills, Daniel, London, spring maker 81

- Mills, Humphrey, Edinburgh, lantern clock 562

- Mills, John, London, spring maker 81

- Mitchell, Arthur

- Electrical Horology Group K15

- librarian, AHS K24

- Library Notes 116, 221-222, 339-340, 439, 561, 693

- obituary of Alan Shenton 377-378

- portrait K83

- secretary, Electrical Horology Group K17

- Molyneux, regulator, Liverpool Museum 707-708

- Monconys, Balthazar de K58

- Mondehare, Johannes, bracket clock 131

- ¼ repeating 131

- Monk, John 447

- monkey clock, Herschel, Alexander 577

- Monmouthshire, Memories of, by R.W. Blewitt 303

- monochrome clock, see also table clock 247

- Moon, surveyed by Wren K57

- Moorcroft, J., Ormskirk, cabinet maker, label 325

- Moore, Dennis 69

- Moore, Edward, Bankhall, Liverpool, watch ordered from, 1659 171

- Moore, Sir Jonas K78

- Mordaunt, Lady Mary K69

- More Mudge Milestones, letter by David Penney 237

- Monkeys' clock, Herschel, Alexander 577

- Moorcroft, J., Ormskirk, cabinet maker, label 325

- Moore, Dennis 69

- Moore, Edward, Bankhall, Liverpool, watch ordered from, 1659 171

- Moore, Sir Jonas K78

- Mordaunt, Lady Mary K69

- More Mudge Milestones, letter by David Penney 237
Moreland of Chester, regulator 708
Morgan, Edward, London, spring maker 81
Morgan, Godfrey, Charles, book-plate of 304
Morgan, Octavius 568
book-plate 304
caerleon antiquarian society 305
discussed astrolabes 631
discussed introduction of fusee chain 422
discussed origin of mainspring 421-422
eyears 302-307
Family 302-303
The Fairs 305
friend of Benjamin Lewis Vulliamy 307
Octavius Morgan, Horological Collector
by David Thompson
Part I 302-314
Part II 406-422
Part III 618-642
portrait 303
Society of Antiquaries of London 305, 406
Morgan, Richard 63
Morgan, Richard, London, spring maker 81
Morgan, Thomas, London, spring maker 81
Morland, Samuel 60
inventions of 60
Morley, Charles, Liverpool, spring maker 88
Molière, enamel painter 419
Morpurgo, Enrico K43, K48
Morris, Vernon
chairman, South Eastern Section 343-344
lecture report 343-344
Moser, George Michael, chaser
repoussé, Vertumnus and Pomona 620, 622
Royal Academy, London, Keeper and Drawing Tutor 703
motion work, turret clock, harewood house 575
Mounier, Peter, watch case maker 477
Mousdell, Mary, Liverpool, spring maker 88
Mouset à Paris (Thomas?),ignon watch 385-387
Movado, Ermeto self-winding watch 566
movement, split plates, Anthonius Hoevenaer, Leyden K50
Moxon, J., rolling ball clock 126
Mrc (Martinière?), watch dial maker 385
Mudge, Thomas 511, 644
gave planispheric astrolabe clock to Ferguson 629
Longcase clock, mahogany 8-day 358
More Mudge Milestones
by John Cheetham 90-93
letter by David Penney 237
references corrected 237
watch numbering series 90-93
Mudge, Thomas, and Dutton, William
Longcase clock, mahogany, small 594
Watch, no. 1095 477
watches, various 93
Mueller-Maerki, Fortunat E., book review 216, 432-433
Murday, John, Liverpool, spring maker 88
Murdock, William
life 508
Longcase regulator, mahogany column 502-508
portrait 507
Murdock, William (continued)
William Murdock 1745-1839, by Dr J.M. Plowman 502-508
Murray, Charles 455
Murray, James, chronometer no.829 73
Murrills, Edward, London, spring maker 81
Museum
Birmingham, Science Museum, visit 699
Black Forest Clock 696-697
Deal 712
Deutsches Uhren Museum 696
Black Forest clocks 696
Regulator, Rietler 696
Regulator, Strasser 696
Dutch clocks, digital catalogue K54
Hahn, Philipp Mathus 697
Hull, Wilberforce House 492
Lincoln, Usher Gallery, visit 699-700
Liverpool
Bond, regulator no.395, conical pendulum 708
Molyneux, regulators 707-708
London, British Museum
anonymouse, ‘Orpheus’ clock 108-112
Delafons, John 562
Earnshaw, Thomas, pocket chronometer no.506/2849 106-107
gallery bombed in 1941 635-636, 642
Octavius Morgan Collection 302-314
Macclesfield, Silk Museum 708
Netherlands, museums in K43
Onstmettingen, Philipp Mathus Hahn 697
Oxford
Ashmolean K45
History of Science K80
Philadelphia Museum of Art 647
Prescot, opening times revised 160
Schoonhoven, Dutch Gold, Silver and Clock K43
Stuttgart, clock, automaton c.1600 695
Utrecht, National Museum van Speelklok K43
Jacquemart musical clock c.1500 388-389
Villingen-Schwenningen 696
Winterthur, Gewerbemuseum
astronomical regulator, Favag 696
Iron wall clocks, Liechti family 696
Kellenberger collection 695
York
Fairfax House 567
National Railway Museum 567
Treasurer’s House 567
Zaandam, Dutch Clock K43
Musical clock, see also organ clock
Barry, Thomas, Ormskirk, table clock 249, 322-325
Cox, James (attrib), table clock with automata 21
Deacon, Samuel, longcase clock 280-288
Dunster, Roger, mantel clock 571
Fromanteel, Ahasuerus, bracket clock 446-447
Henderson, Francis, Musselburgh, longcase, astronomical, automata 562
Hindley, Henry, longcase clock 567
Jones, Henry, longcase clock, marquetry 537
Kroese, J.P., Amsterdam, green horn, bracket 571
749 Antiquarian Horology
musical clock, see also organ clock (continued)
Leigh, W., longcase clock 126
Mey, François de, of Amsterdam, stool clock K51-52
programming of drum 389
Robb, William, of Montrose, bracket clock 14
Southern Netherlands, Jacquemart, c.1500 388-389
musical watch, Piguet & Meylan, mandolin form 482

N
Naeschke, Matthais, workshop 697
Nassington, St Mary’s church, turret clock 121
Natherton, Richard 544
nèf
Conihout, Fritsch et al., Ships of Curiosity, reviewed 101-103
Schlottheim, Hans 568
Nelson, James, watch, silver-cased, calendar 621-623
Nelthropp, Rev. H.L., collection 31
Nettell, David
Electrical Horology Group K15
secretary, Turret Clock Group K17
treasurer, Turret Clock Group K17
Newey family, York
clocks by 574, 575
maintained York Minster clock 567
Newey, Geoffrey 567
Newman, Graham, lecture report 126
Newport, The Friars 305
Newton, George, of Seend, lantern clock, c.1650 127, K30
Nichol, Alexander, Liverpool, spring maker 88
Nicholls, Samuel, painter, St Paul’s Cathedral 48
Nicholson, Jim, The History and Manufacture of Files, lecture 568-569
Nicole & Capt 424, 427
Nicole, Adolphe, keyless winding patent 10348 423-424
Nicole Nielsen 427, see also Frodsham & Nicole Nielsen;
chronograph, pocket, Dent, no.32523 363
Nicole Nielsen & Company
chronograph, 1/20 and 1/100 second 347
deck watch, Frodsham no.09220 202
micrometer chronograph, Chas Frodsham no.09571 203, 347
Nieuw Kunst K53
Nightingale, William, London, spring maker 81
Nixon, John, spring maker, of Prescot 88
nocturnal, Volpia, Benvenuto, Florence, 1516, with sundial 161
Norland, Thomas, Liverpool, spring maker 88
Norris, D., of Brazil, retailer 659, 660
Norris, John, Liverpool, spring maker 88
North, Francis, 1st Baron Guilford (1637-85) 544
introduces barometer 541
North, Robert Benson 347
flying tourbillon, invention of 658-659
North, Thomas, Church Bells of Rutland 563
Norton, Eardley, London
devil on Royal clock 447
longcase clock, no.1165, mahogany, ¾ chiming 157
novelty clock, see also rolling ball clock
metronome clock 452-453
ticket clock, German 448

Nye, James
meeting report 129-130, 236, 344-345, 451-453, 708
secretary, Electrical Horology Group K17

O
Oakman, Thomas, London, spring maker 82
obituary
Bartlam, John 376
Jones, Dennis and Kathleen (Paddy) 698-699
Owen, John D. 376
Parker, Daniel 28-30
Reddihoff, George 705
Shenton, F.G.A. (Alan) 377-378
observatory marks 673
Observatory, Royal, Greenwich K25-26
painting, anonymous 469
Octavius Morgan, Horological Collector, by David Thompson
Part I 302-314
Part II 406-422
Part III 618-642
Oechslin, Ludwig, Just Burgi, book reviewed by Fortunat Mueller-Maerki 215-216
Ogden, A.J., Watches by Ogden (letter) 348-349
Ogden, J., watch, gold fusee open face no.21429 349
Ogden, Thomas, Halifax
longcase clock, mahogany month, ball moon 151
watch 348
watches, letter from A.J. Ogden 348-349
oignon, see also watch, oignon
French Oignon Watches with a Central Fusee, by Adolphe Chapiro 380-387
Old English Clocks, by E.H. Green, 1931 677-679
second binding 678
Watch and Clockmaker review 678
Oldenburg, Henry K78
Oldham, Henry, Liverpool, spring maker 88
Ollivant, Manchester, watch, verge 565
Oman, Charles, identified Blaise Gentot K71
Omega ‘megasonic’ watch 452
Onsmettiingen, Philipp Matthaus Hahn museum 697
Oosterwijk, Severijn K47
Hague clock 570
Orel Micro clock 452
organ clock
Clay, Charles 447
Pringle, George, & Sons, Edinburgh 562
ornament
heraldic 566
Tompion’s K64-74
Orphee clock 34, 108-112
ex Debruge-Duménil and Morgan collections 626
Two Orpheus clocks 108-112
orrery
Graham, George 399
invention of 399
Orneries, Design and Manufacture, lecture by P. Grimwood 227
Tompion and Graham 399
orrery clock
Hahn, Philipp Matthaus 696
Raingo, grid iron pendulum 588
Osborn, William, London, spring maker 67, 82
Ovens, Robert, & Sleath, Sheila, Time in Rutland, reviewed 555
Ovens, Robert, Researching Time in Rutland, lecture 562
Overton, Thomas, apprentice of Deacon 430
Owen, John D., obituary 376
Owens & Bell, spring makers, Liverpool 88
Owens, Edward, Liverpool, spring maker 88
Owens, Joseph, Liverpool, spring maker 88
Oxford, Keble College
  Great Hall 441, K83
  lecture theatre 441, K82
Oxford, Museum of the History of Science 440
 Horological Masterworks at Oxford, by Jim Bennett K80-81
Oxford, Wadham College, turret clock K79

P

Page, Michael
  Mr Wm Wharton, church clock and chime maker, [letter] 711-712
  treasurer, Midlands Section K19
Page, Richard, London, spring maker 82
Painted Dials, The Art and Manufacture of,
  lecture by Hugh Cockwill 341, 343-344
painting, see also portrait
  anonymous, Royal Observatory Greenwich 469
  Steen, Jan, (detail), monkey interfering with clock K54
Pancirolli, Guido, described C16 clocks 421
Pannier, René, Collectible Wristwatches, reviewed 216
Papin, Denis (1647-1712) K60
  pumps K60
  steam digester K60
Paris, Musée des arts et métier 222
Paris, Thos, Warwick, tower clock, Ragley Hall 446
Parker, William, Liverpool, spring maker 88
Parkes, Daniel, obituary 28-30
Parkes, Grace 29
Parkinson & Frodsham, marine chronometer no.259 74
Parnell, of Yate nr Bristol 700
Parry, David, London, spring maker 82
Parsons, William, cutler and ironmonger 52
Parsons, William, Liverpool, spring maker 88
Pascal, Claude 570
Patek of Geneva, trademark 132
Patek Philippe
  wrist-chronograph 482
  wrist-watch 17
patent
  application no.6737, 1903, flying tourbillon, drawing of 659
  application no.21421, 1892, karrusel, drawing of 658
  Baker, Richard 328-329
  Berolias, Joseph Anthony, no.3342 426
  Holden, Frank, no.156408 205
  Nicole, Adolphe, no.10348 423
  Prest, Thomas, no.4501 425
  ‘Viner’s’ 427
  Westfield, cylinder escapement 131
Patrick, Thomas, London 5
pattern book, London or Birmingham brass fittings 316
Peek, Mr 54
Pendleton, see Pennington, Pendleton and others
pendulum
  fine adjustment subsidiary bob, John Holmes 651
  Hooke’s experiments K76
  improving accuracy of period
    changes with location K27
    formula K25, K27
  suspension, split roller, Holmes, John 648
  pendulum, 1¼ second, Jones, Henry, marquetry 3-train longcase 536-537
  pendulum, 2 second, Flemish bracket clock c 1620, York, Treasurer’s House 567
  pendulum, 3 second, Aldburgh 575
  pendulum, conical, regulator, Bond no.395, Liverpool Museum 708
  pendulum, false, Mousset à Paris, oignon watch 386
  pendulum, gridiron
    Earnshaw, Thomas 467
    Lepaute, Henry, skeleton clock 16
    Marranzeller of Vienna (attrib), Dachluhr 259
    Raingo, orrery clock 588
    Robin à Paris, table skeleton regulator 142
  pendulum, mercury compensated
    Arnold & Dent, longcase regulator, mahogany, no.293 145
    Hunt & Roskell, mahogany longcase regulator 590
    Simmons, London 599
  pendulum secured via dial
    Tompion, ‘Sussex’ bracket clock K36-37
    Watson, Sam, bracket clock 490
  pendulum, wood-rod
    Holmes, John 301
    longcase clock 299
    ‘Ludlam’ variant 651
    Villiamy of London, longcase clock no.169 26
Penney, David
  editor, Antiquarian Horology K13
  English Wristwatches, lecture 699, 700-701
  More Mudge Milestones, [letter] 237
Pennington, see Howells & Pennington
Pennington, Pendleton and others, marine chronometer no.12 69
Pennock, John, lantern clock 126
Penton, Isaac, London, longcase clock, Brodick Castle, Arran 564
Peplar, Hilary, St Dominic’s Press 677
Pepys, Samuel, diary entries
  Hooke, Robert K56
  Morland, Samuel K60
  Petty, William K61
Perceval, Charles George, 2nd Baron Arden 107
Perfitt, John 544
Perelet, Abraham 566
Perrins, John, address 293
Petitgrew, Andrew, chairman, Midlands Section K19
Petit, William, master CC, 1665 118
Petty, George 544
Petty, William K60-61
  ridiculed K61
  ship, double bottomed K60-61
Peyer, Favarger et Cie 345
astronomical regulator, Gewerbemuseum 696
Phelps, Richard, bellfounder, St. Paul's Cathedral 38-51
Phythian, Moses, spring maker, of Halewood 88
Pickford, Chris, Clockmakers of Bedfordshire, lecture 706
Picture Gallery
An Admiral's Watch 106-107
Frank Holden electric clock 204-205
John Arnold marine chronometer no.12 390-391
Lantern clock by Samuel Stretch 608-611
Micrometer chronograph for short duration timing 203
Silver deck watch Chas Frodsham no.09220 202
Sundials in Devon and Cornwall 547-554
Two Orpheus clocks 108-112
The Utrecht Jacquemarts Musical Clock 388-389
Pierce, Mary, servant to Hannah Jones 544
Pierce, self-winding watch 566
Pietersen, Willem, turret clock, maker 232
Piguet & Meylan, musical watch 482
Pinchbeck, Christopher, London four-dial Royal clock 447
longcase clock, astronomical 496
pinion wire drawer, Barrow, William 176
used in 1607 watch 165, 166
Pitt, William, Chancellor of Exchequer, watch by John Holmes, once belonged to planispheric astrolabe table clock, Debruge-Duménil collection 629-630
owners of 629
Platt, Paul, lecture report 446
Plomp, Reinier K43
Plowman, Dr J.M. editor, Antiquarian Horology 502-508
William Murdoch 1745-1839
Plumley of London, tavern clock 140
Poelenburgh, Cornelis van, clock painted by 146
K46
Polding, Mr., chairman, Northern Section K15
Police Page (items recovered) 350
Police Page (items stolen) 507-508
bracket clock anonymous, Georgian 241
rosewood Regency 3-train 457
Duchesne, Claude, longcase, calendar in arch 132
Hicks, Thos, London, marquetry longcase 713
Jones, Henry, London, walnut longcase 241
Kheller, square fusee verge watch c.1600 713
Smith, J., Royal Exchange, mahogany banjo barometer 713
Tompson, Thomas, longcase, no.358 241
Ponsford, Clive meeting report 230-231
obituary of George Reddyhoff (1922-2003) 705
treasurer, West Country Section K21
Poole, Edmond, London, spring maker 65, 82
Poole, J. & Co., marine chronometer no.P/4551 147
Poole, Robert, London, spring maker 82
Porthouse, John, Penrith, mahogany bracket timepiece 366
portrait
Allix, Charles K82
anonymous lady wearing a watch, dated 1620 306
Banks, Joseph K51
Barr, Wendy K83
Bateman, Doug K83
Beeon, Dr C.F.C. K11
Bell, David K11
Bennett, Dr J.A. (Jim) K7
Bernal, Ralph 632
Bernoulli, Jean 512
Bertele, Hans von 117
Boulton, Matthew 515
Bull, Simon 653
Bull, Simon and Kay Chapman, Dr Allan 441, K8
Cowell, Anne K83
Dansis, George K82
Dawson, Percy G. K11
Drover, Charles B. K11
Foulkes, Robert K. K11, K12
Franklin, Benjamin 514
Garnier, Richard 653
Gildersleve, S.A. K12
Graham, George K26
Harrison, John K26
Hodgson, Brynn 441
Hooke, Robert K75
Hurrion, Christopher 117
Hurst, Laurance K82
Hurst, Michael K11
Hutchinson, Beresford K82
Ilbert, Courtenay Adrian K11
King, Andrew K83
Knowles-Brown, E.H. K11, K12
Lande, Jerome 511
Langmaid, Norman K82
Lapraik, Douglas 331
Leeuwen, Pier van K7
Linsted-Smith, Peter K83
Lloyd, H. Alan K11
Maskelyne, Nevil 512
Miles, Bob K82
Mitchell, Arthur K83
Morgan, Octavius 303
Murdock, William 507
Parks, Daniel 28
Priestley, Joseph 514
Quill, Colonel Humphrey K11
Shenton, Dr F.G.A. (Alan) 377-378
Shenton, Ken K83
Shenton, Rita K5
Smith, Michael 119
Taylor, Dr John C. K6
Thrussell, Liz K83
Tompion, Thomas 586
Tyler, John K12
Wadsworth, Francis K82
Ward, Dr E.A.B. K11, K12

Antiquarian Horology 752
portrait (continued)
Watt, James 515
White, Catherine 656
White, Joseph 589, 656
Whyte, Philip K83
Wolfendale, Sir Arnold 118, 441, K5
Wooley, Eric K12
Potosi, Bolivia, Convento-Museo Santa Teresa 131
Potts, see also Potts, W., & Sons, of Leeds
turret clock
Ilkley 575
Whaddon 571, 572
Potts, Michael, treasurer, Turret Clock Group K17
Potts, W., & Sons, of Leeds, turret clock, Brodsworth 574
Pollard, Francis, see Torado, Francis, London
Powell, Edward, Liverpool, spring maker 88
Power, Thomas, of Wellingborough, lantern clock 138
Poy, Godfrey, of London, watch, no.144 703
Prescot Museum
exhibition
Continental Clocks & Watches K15
Three Hundred Years of English Clockmaking K15
Tools of the Trade K15
opening times revised 160
Prest, Thomas 424-427
keyless work patent 4501 425
Preston, Joseph & Sons, supplier to Joseph White 657
Prestwood, Joseph, apprentice to Henry Jones 543
Price, Richard, London, spring maker 82
Priestley, Joseph 513, portrait 514
Priestley, Philip, English Pocket Watch Cases and their Makers 118-120
Prigg & Ansell, London, spring makers 82
Prigg, John, London, spring maker 66, 82
Prigg, Richard, London, spring maker 67, 82, see also Horne & Prigg
Pringle, Geo, Earlswood, watch, no.11345 709
Pringle, George, & Sons, Edinburgh, organ clock, House of Binns, West Lothian 562
Prior, Edward, watch, Turkish market 8
Prior, George & Edward & watches, numbers and hallmarks, [letter] 710-711
‘Problems and Nightmares’, lecture by Jon Van de Geer 703-704
Proctor, Margaret 95
Pryce, Dr W.T. Rhys
Comtoise Clocks, lecture 121-122, 565-566
obituary of John D. Owen 376
Pugh, Owen, Liverpool, spring maker 88
pulleys, weight, pinned 400
pulleys K28
pumps, Papin, Denis K60
‘Puritan’ watch, East, Edward 672
Purseglow, Harry 442
Purvis, William 443

Q
Quare, Daniel 541
watch, movement, verge, ¼ repeating 565
Quare, Daniel, and Horseman, Stephen
bracket clock
no.177, ebony, ½ repeat, date, strike/silent, regulation 606
no.266, ebony 374
Quare and Horseman
bracket clock no.177 606
bracket clock no.266 374
Tompion, Thomas
bracket clock K72
‘Hanoverian’ 479, 494, K69
‘Selby Lowndes’ K38
‘Spanish’ K41
‘Sussex’ K36-37
Wint, John, Jamaica, bracket clock 6
regulator, bracket clock, Thomas Reid, Edinburgh, mahogany, detent 605
regulator
Arnold & Dent, no.293, mahogany 145
Bond, Win and Son, of Boston, no.395, conical pendulum, Liverpool Museum 708
Cottingham, E.T., Greenwich 467
Earnshaw, Thomas, mahogany, month 467
Ellicott, John, mahogany 361
Favag, astronomical, Gewerbemuseum 696
Graham, George, no.634, sidereal and mean 32-33
| Hardy, William, New Brighton (Liverpool) | 483 |
| Hunt & Roskell, London, mahogany | 590 |
| Knebel, Hermann Friedrich, of Amsterdam | K53 |
| Magellan, John Hycinth de, | 25 |
| Marranzeller of Vienna (attrib), Dachluhr, wall | 259 |
| McNab, J. & A., Perth | 564-565 |
| Molyneux, Liverpool Museum | 707-708 |
| Riefler, Deutches Uhren Museum | 696 |
| Riefler of Munich, no.169 | 708 |
| Riefler of Munich, no.(?)0739(?) | 481 |
| Robin of Paris, table | 142 |
| Shortt, William, no.13 | 708 |
| Simmons, London, mahogany | 599 |
| Strasser, Deutches Uhren Museum | 696 |
| Thwaites and Reed | 567 |
| Tompion, Thomas (& Banger), no.483, sidereal and mean time, month | 373, 398, 497, 498, K1 |
| Vulliamy, Benjamin, no.830 | 447 |
| Webster, Richard, London | 251 |
| White, Joseph, of Coventry | 654 |
| Reid, Thomas, Edinburgh, table regulator, ¼ chiming, Berthoud detent escapement | 605 |
| Remi, carriage clock, ¼ striking, alarm | 570 |
| remontoire, spring, Grimthorpe’s, at Finmere | 572, 573 |
| repeat, quarter |  |
| Barker, William, of Wigan, bracket clock | 262 |
| Bennett, Mansell, bracket clock | 485 |
| Bushman, John, bracket clock | 488 |
| Ellicott, John, bracket clock | 489 |
| Goode, Charles, ebony, bracket clock | 603 |
| Holmes, John, ebony bracket clock, break-arch case | 300, 591 |
| Holmes, John, mahogany bracket clock | 301 |
| Jones, Henry |  |
| bracket clock, bar-operated | 536 |
| basket top, timepiece | 534-535 |
| ebony, timepiece, c.1690-5 | 540 |
| Knibb, Joseph, ebony bracket clock, bar-operated | 266 |
| Mondenhare, Johannes, bracket clock | 131 |
| Quare and Horsemor, no.177, bracket clock | 606 |
| Tompion, Thomas, bracket clock, no.370, ebony | 155 |
| Watson, Sam, bracket clock | 490 |
| repeating mechanisms |  |
| bar-operated |  |
| Jones, Henry, bracket clock | 536 |
| Knibb, Joseph, ebony bracket clock | 266 |
| English Repeating Mechanisms, lecture by Roger Still | 449-450 |
| Tompion, Thomas, no.217, 'Selby Lowndes' | K38-39 |
| no.381, 'Spanish' | K40-41 |
| no.387, longcase clock | K40-41 |
| ‘Sussex’ bracket clock | K36-37 |
| watch no.144 | 31-32 |

### Representative Entries

- **Repoussé Case**
  - du Pin, Paul, London | 620, 622

---

**Antiquarian Horology** 754
rolling ball clock
  French skeletonised c.1860 368
Moxon, J. 126
Sayler, Joh., 1626 695
Ron, Andreas, Augsburg, stackfreed watch 406-407
Roscoe, John, Liverpool, spring maker 88
Rose, Ronald E., Complicated Clocks, lecture 229, 340-341, 698
Ron, Andreas, Augsburg, stackfreed watch 406-407
Moxon, J. 126
Sayller, Joh., 1626 695
Ron, Andreas, Augsburg, stackfreed watch 406-407
Royal Academy, London, Moser G.M., Keeper and Drawing Tutor 703
Royal Eijsbouts, turret clock, maker 232-233
Royal Society K60, K61, K75, K77, K78
Crane Court showing premises 514
Curator of Experiments, Robert Hooke 681
Magellan, John Hyacinth de 513-514
Curator of Experiments, Robert Hooke 681
Magellan, John Hyacinth de 513-514
Rugendas, Nikolaus, Augsburg, monstrance watch 408-409
Rushton 544
Russell, William 706
Ruston, William H., meeting report 342
Rutland
Ovens & Sleath, Time in Rutland, reviewed 555
Researching Time in Rutland, lecture by R. Ovens 562
Ryding, Bartholomew, Liverpool, spring maker 88
S
S. Smith & Son, chronograph, 1/100 second 347
Sadler, Robert, London, spring maker 83
Sadler, Samuel, London, spring maker 67, 83
St Andrews University clocks, visited 564-565
meridian line 564
St Dominic’s Press, Old English Clocks, by E.H. Green 677-678
St Paul’s Cathedral, see London sand-glass, anonymous German 161
Sandalls, Ken, Convention photographs – a selection K82-83
Sanders, George, London, spring maker 83
Save, Brian de, lecture report 120-121
Sayler, Johann, Ulm
rolling-ball clock 1626 695
year-going clock 422
Schaffer, Simon, see Hunter & Schaffer
Schlotheim, Hans, nef or ship clock 101-103, 568
Schneider, E.X., turret clock, maker 233
scholarship, Queen Elizabeth 160-161
Schoof, W.G., marine chronometer no.6059 74
Schraven, Dr Thomas, Matthaus Hippi Chronoscapes, lecture 344-345
Scotland, Clocks on Public Display in Scotland, lecture by Ken Chapelle 561-562
Scott, Sir Walter, pony carriage 678
Sealey, John Robinson 675
seconds hand, earliest known K47
sedan clock, Tompion & Graham watch movement 344
Seddon, Joshua, Wavertree, Liverpool 177
Seddon, Nathaniel, Westminster 177
Self-winding Clock Company 451-452
Self-winding watches, lecture by Jim Arnfield 566-567
Sellinck, J.L. K43
Sellwood, William, lantern clock 127
set-up, mainspring tangent screw 619, 622, 623
Sexton, G.A., Quarter Striking [letter] 346
Shadwell, Thomas, The Virtuoso K61
Shaldon, Ringmore Towers, vertical sundial at 553
Sharpe, R.R., Northern Section formation K14
Shaw, John, Holborne 541
Shaw, John, Liverpool, spring maker 88
Shaw, William, Liverpool, spring maker 88-89
Shelton, John, regulator K27
Shenton, Dr F.G.A. (Alan)
chairman, Electrical Horology Group K17
Electrical Horology Group K15
Linwood alarm, [letter] 239
Memorial Fund 561
obituary 377-378
Shenton, Mrs. R.K. (Rita)
The Antiquarian Horological Society: the first fifty years K9-24
biography K5
chairman, AHS K13
Reflections on Horological Literature, lecture 341
Shenton, W.K. (Ken)
chairman, Southern Section K19
Fiftieth Anniversary Conference, Keble, March 2003 report 439-441
summary K4
obituary of John Bartlam 376
portrait K83
Shepherd, Thomas, London, spring maker 65, 83
Sherwood, John, apprentice to Henry Jones 543
Short, James, FRS
address 293
scientific instrument and clockmaker 646
Shortt, William Hamilton K28
Shufflebotham, Paul
Coventry clocks and watches, lecture 230-231
Coventry Watch Museum Project, lecture 697-698
sidereal time indication
Cottingham, E.T., Greenwich, regulator 698
Graham, George, regulator no.634 32-33
Tompion, & Banger,
longcase regulator no.483 373, 398, 497, 498, K1
Sidney, Benjamin, watch, verge 565
Silvester, John, apprentice to Henry Jones 543
Simmons, John, Liverpool, spring maker 89
Simmons, London, longcase regulator, mahogany 599
Simms, Terry, secretary, Midlands Section K19
Sinclair, William, of Dublin, watch, verge 565
Sisson, J. & J., address 293
skelton clock
Becker, Gustav, 400-day 226
French 486, 597
French rolling ball c.1860 368
Leck, Robert, Scotland 226
Lepaute, Henry, calendar dials 16
Mackay and Cunningham, Edinburgh 226
755
Skillicorn, John, Liverpool, spring maker 89
Smeaton family 290
Smeaton, John, FRS 94
Great Turnstile 291, 643
Homes, letters to 645
Smelik, Jap, Duivenklok (pigeon clocks), lecture 570
Smith, see also Adams & Smith
Smith, B.P.R., London, spring maker 83
Smith, Donald, treasurer, Southern Section K19, K20
Smith, Elizabeth, London, spring maker 83
Smith, Frank, chairman, Southern Section K19
Smith, Hannah, London, spring maker 83
Smith, Henry, London, spring maker 83
Smith, John, horological author 177
Smith, John, Pittenweem (Fife), bracket clock 262
Smith, Joseph, Chester 450
Smith, M.M. (Michael)
  chairman, AHS K13
  chairman, Scottish Section K20
The Clockmakers’ Company, lecture 119-120
portrait 119
Smith, Mr., London, spring maker 83
Smith of Clerkenwell, turret clock, signature plate 574
Smith, Prof. Alan
  chairman, Northern Section K15
  Sundials Old and New, lecture 445
Smith, Richard & Son, London, spring makers 84-85
Smith, Richard, London, spring maker 84, 85
Smith, S., & Son, Cheltenham 699, 701
Smith, William, Liverpool, spring maker 89
Smith, William, London, spring maker 84
Smiths Watch Factory, lecture by G. Evans 124
Smuter 544
Smyth, Captain W.H. (1788-1865)
  planispheric astrolabe description 628
  Society of Antiquaries, Director 627
Snag, goldsmith, Lumbard Street 539-540, 544
Snell, Michael, secretary, Turret Clock Group K17
Society of Arts, Holmes, John, gold medal 296
Somerset House 295
Soper, A.K., secretary, AHS K13
Sove 544
spandrel, Indian or turban head 614
Spanje, Comelis van, mantel regulator K53
Sparks, Brian
  chairman, Midlands Section K19
  meeting report 228, 445-446, 565-566
Sparks, Brian, and Simms, Terry, Paddy and Dennis Jones, obituary 698-699
Speakman, Richard, London, spring maker 84
Speakman, William, London, bracket clock 226
Spencer, L., St Paul’s Cathedral 47
sphere, terrestrial, Williamson, Joseph, bracket clock 496
Spheres, The Art of the Celestial Mechanic, by Alexis Kugel, reviewed 320-321
Spierdijk, C. K43
Spiller, Chris
  meeting report 231-235
  secretary, Midlands Section K19
Spraelke, Juriaan, turret clock maker 234, K51
Dam, Amsterdam 570
Spruce, Philip
  Trademark registration [letter] 132
  treasurer, Midlands Section K19
staartklok K53
stackfreed 406-407
stackfreed, clock, vertical 666
stackfreed, watch
  anonymous, Debruge-Duménil collection 628
  anonymous, Strasbourg oval clock-watch 487
Stafford, Thomas 126
Stahel, Andreas, Augsburg, monochrome clock (incomplete) 493
Stalker & Parker 442
Stamford, Beadhouse clock, lecture by Michael Lee 120-121
stand, screw-on, for watch 408-409
Stanley, Thomas, Liverpool, spring maker 89
Staples, Richard, apprentice to Henry Jones 543
Starkey, John, Liverpool, spring maker 89
Starre, Dames, of Hoorne, longcase clock, planetarium dial K50
stars, pulsars, timekeeping of K28
Steele, Thomas 544
Steen, Jan, monkey interfering with clock K54
Stephenson, Griffith, Liverpool, spring maker 89
Stevens, J.C., secretary, AHS K13
Stevens, Mr of Hinkley 284
Stevenson, D.K., Lenzkirch clocks, [letter] 237
Still, Roger, English Repeating Mechanisms, lecture 449-450
stolen clocks and watches 132, 241, 457, 713
Art and antique recovery, lecture 701-702
for list of items stolen see Police Page
Stonble?, Thomas, Liverpool, spring maker 89
Stone, Roger, London, spring maker 66, 84
Stoner, David C., meeting report 127-128, 447-449, 701-702
Stones, Mary 290
stool clock K51-52
  Mey, François de, of Amsterdam, musical K51-52
  strap, for fob watch 448
Street, E., editor, Antiquarian Horology K13
Street, Richard, London
  longcase clock, walnut 593
  St. Paul’s Cathedral clock 48, 50
Streizig clock and Zamboni piles, lecture by Tony Duley 229-230
Stretch, Samuel, lantern clock 608-611
striking
  hoop wheel 666, 672
  locking disc 666, 672
  subsidiary countwheel 671
  unwarned 665
  warning work
    earliest reference, Leonardo da Vinci 665
    as national characteristic after 1500 665
  without fly 666
striking, double-six
  Knibb, Joseph, bracket clock, ebony, grande sonnerie K37-38
  Rugendas, Nikolaus, Augsburg, watch 409
striking, Dutch 198
Jones, Henry
bracket clock
ebony, basket top 474-475
ebony, silver mounts, skeleton dial 528
first phase 533-534
olivewood 530-531
Tompion, Thomas, bracket clock 151

striking, grande sonnerie
Bourdoin, carriage clock 570
Breguet, carriage clock no.2428, hump-back, grande et petite sonnerie 15, 248
East, Edward, and Fromanteel, table clock K31-32

English 17th century grande sonnerie clocks,
by John C. Taylor K30-42
Gould, Christopher, longcase clock 446, K39-40
Jacot, Henri, carriage clock 359
Jones, Henry
bracket clock, walnut K34
Knibb, Joseph
bracket clock, ebony 30-hour K32
double-six striking K37-38
silver mounted K35, K36
bracket clock, phase II 201
miniature 30-hour bracket clock 197, 200
Leze, Paris
carriage clock, silver ¼ repeat grande and petite sonnerie chronometer, no.1330 468

Tompion, Thomas
bracket clock
no.217, ‘Selby Lowndes’ K38-39
no.381, ‘Spanish’ K40-41
no.417, ‘Hanoverian’ 479, 494, K69, K74
longcase clock, no.387 K41-42

striking, petite sonnerie
East, Edward, longcase clock, walnut marquetry K33-34
Knibb, Joseph, bracket clock, ebony, silver mounted K35, K36
Leze, Paris, carriage clock, silver ¼ repeat grande and petite sonnerie chronometer, no.1330 468

Tompion, Thomas, ‘Sussex’ bracket clock K36-37

striking, quarter
Jacquemart musical clock c.1500 389
Jones, Henry, lantern clock 521
Quarter Striking, letter from G.A. Sexton 346
Remi, carriage clock, alarm 570-571

striking, rack
development of 449
unusual
Banger, Edward 403, 404
Young, Henry 351

strut clock
Cole, Thomas 250
no.833 483
Stubs, Peter 70, 315-316

Peter Stubs, The Birmingham and Coventry Connection,
lecture by Alan Treherne 124

Sundials

Barry, Thomas, Ormskirk, table clock 249, 322
Barston, John, astronomical longcase clock 562
Hindley, Henry (attrib.), longcase clock 483
Sutcliffe, Thomas, Liverpool, spring maker 89
Sutton, Richard, of Barton, longcase clock 700
Sutton, Robert, Liverpool, spring maker 89
Swaan, Pieter, longcase clock, automaton ship 571
Swinnerton family 317

Swiss Watchmaking in the 17th century,
lecture by David Thompson 129
Sydney, Sir Algernon, owned Aspinwall watch 171-172
Symmes, Isaac, watch (Richard Whytigge 1536) 310
Symonds, John, Reepham, longcase clock, ‘whale’s tail cresting’ 700
Symonds of Repton, longcase clock, 30-hour 342
Symonds, Robert Wemyss
Kenneth Ullyett plagiarised his work 680

T

table clock
anonymous
16th century, Augsburg? 625
French, 1545, hexagonal, metal gilt 640-641
German 16th tabernacle clock 153
‘Orpheus’ 34, 108-112, 626
South German 16th century 309
table clock (continued)
Barry, Thomas, Ormskirk, musical 3-dialled 249, 322-325
Cox, James (attrib), musical with automata 21
East, Edward, alarm, c.1640 K30-31
East, Edward, and Fromanteel, Ahasuerus, horizontal, grande sonnerie K31-32
Stahel, Andreas, monochrome 493
table regulator, Robert (?) 466
Tabley, Cuckoo Clock Museum, AHS visit 124
tapestry, Mars and Minerva, by Marot K66
Tarbuck, Thomas, Liverpool, spring maker 89
tavern clock, Plumley of London, black and gold 140
Tavernier of Paris, watch case maker 139
Taylor, Dr John C. K81, see also King, Matthew, & Taylor, John C.
biography K6
English 17th century grande sonnerie clocks K30-42
Joseph Knibb First Grande Sonnerie Clock? 197-201
Taylor, Terry, chairman, West Country Section K21
Televox
clock 452
clock movement 344
temperature compensation, see compensation, temperature
TG, watch case maker 330
TH, watch case maker 6
Thomas, Richard, meeting report 699
Thompson, David
An Admiral's Watch 106-107
Early Watch and Clock Collectors of the Nineteenth Century, lecture 567
John Arnold Marine Chronometer no.12 390-391
lecture at Museum of History of Science K81
lecture report 117-118, 223-224, 340-341, 442, 561-562, 693-694
Octavius Morgan, Horological Collector
Part I 302-314
Part II 406-422
Part III 618-642
Ships of Curiosity, edited 102
Swiss Watchmaking in the 17th century, lecture 129
For your further reading 714
Thompson, G., case of Mercer marine chronometer 123
Thompson, Joseph, painter, St Paul's Cathedral 48
Thompson, Pamela, Ships of Curiosity, translated 101
Thompson, William, painter, St Paul's Cathedral 47
Thomson, William, Lord Kelvin 562
Thornton, W.J.
book review 555
The Completest Piece I Made: Samuel Deacon's Musical Clock 280-288
The Early Background of Samuel Deacon of Barton-in-the-Beans 428-431
Samuel Deacon, An Account of Myself, Part IV – The First Notebook 52-62
Samuel Deacon of Barton-in-the-Beans, lecture 446
Three Hundred Years of English Clockmaking, exhibition K15
Throwleigh, Devon, vertical sundial at 553
Thrussell, Liz, portrait K83
Thuret, Isaac, Paris 380
wall clock K46
Tlwaite and Reed
regulator, longcase, Euston station 567
turret clock, Bowkerchalke 235
Tlwaite, John, bracket clock no.2854, balloon 2
Tlwaite of London, Greenwich Hospital clock 295
ticket clock, German 448
tidal dial, watch, Nathaniel Barrow, London 622
Tijou, Jean, ironsmith K71-72
pattern book 1692 K72
Till, Tyra, exhibition designer K80
Tilley, M.H., watchman's clock 344
Time and Climate, address by Sir Arnold Wolfendale K117-118
Time Museum, see Rockford
time switches 451, 453
timpiece
Barker, William, of Wigan bracket 262
Jones, Henry, London bracket 534-535
basket top, ¼ repeat 540
ebony, repeat 528-529
longcase, pearwood
Knibb, Joseph bracket, St. Andrews 564
longcase, St. Andrews 564
Porthouse, John, Penrith, bracket, mahogany 366
Wise, John, bracket, single hand, fruitwood 33-34
Tinelly, Charles, Aix en Provence, crucifix watch 411
Tipping, John, Liverpool, spring maker 89
Todhunter, Hugh 678
Tompion, Thomas 380, 541, 706
barometer K69
bracket clock
Boule K68
late period K72
Medici K70
Mostyn K70-72
designs for engraving K70-72
front plate detail K72
political meaning of K74
no.107 473
no.217, 'Selby Lowndes' K38-39, K69-70
no.222 K74
no.271 136
no.300, mount of K72
no.370, ebony ¼ repeat 155
no.381, 'Spanish', grande sonnerie K40-41
no.417, 'Hanoverian', grande sonnerie 479, 494, 496, 497
'Sussex', petite sonnerie, ¼ repeat K46, K36-37
walnut, Dutch striking 151
clocks owned by F.H. Green 678
early style K64-65
engravers used by de Moelder? K71
Gentor, Blaise K71
engraving of portrait 586
Greenwich regulator, replica of 29
Hooke's association with K63
ill health in last years 400
instrument for weighing air K63

Antiquarian Horology 758

vol27indexrev5.indd   758
26/08/2004   16:37:42
Tompion, Thomas (continued)

inventiveness K65

lantern clock, no.472 355

longcase clock

Drayton, year-going K69
equation K69
no.160 450
no.358, stolen 241
no.387, grande sonnerie K41-42
no.483, sidereal regulator K1
spandrel K70, K72

Pump Room, Bath K68

William III year-going K69

political allegories on clocks K74

secret watch case locking, no.144 32

travelling clock

Cumberland (?) K67-68
William III, 1693 K67-68, K74

turret clock

Hampton Court, Leominster 369, 495
Inner Temple 400

watch

balance spring movement 586
no.144, gold ¼ repeat 31-32
no.3363 74
no.4144 72
verge 565

will 395-396

Tompion & Banger, London

bracket clock, no.459 371
dial signatures covered 395, 494
longcase regulator, no.483 373, 398, 496
partnership 397-399

watch with alarm no.114 70

Tompion & Graham, London, sedan clock 344

Tompion’s Ornament: links with the court team of designers and craftsmen, by Richard Garnier K64-74

Toole, George, Liverpool, spring maker 89
tools, Early English Horological Tools, lecture by Paul Baker 450-451
tools, watch, court case listing, 1656 170
Topping, William, Liverpool, spring maker 89
Todd, Francis, London 618, 619

Torrens, David, letter from de Carle re English Clock Masterpieces 680

Torricelli, Evangelico K61

Torry, Peter

chairman, Northern Section K15
An Introduction to Electrical Horology, lecture 122-123
meeting report 227
tour report, Black Forest 695-697
touch-pins, see dial

Toullin, Samuel, London, longcase clock, mahogany pagoda top, red enamel dial 246
tourbillon

drawing of 657
Rieper, Wilhelm, wristwatch 697
tourbillon, flying
drawing of 659
Joseph White & Son, manufacturer of 659
tourbillon, flying (continued)

North, Robert Benson, inventor of 658-659
tourbillon, flying, six minute
Joseph White & Son
no.38715 659
no.39450 (A.G. Randall no.4) 662-664

Toutin, Jean, enamel painter 418, 419
watch by Elchinger 636-637

Tovey, William, London, spring maker 85

Toxteth Park, The Early Watchmakers of, by R.J. Griffiths 163-177

Tracy, Steven, of Rotterdam, watch, ‘Venus, Cupid & Tritons’ 637

Trademark Registration, letter by Philip Spruce 132

train count, Holmes, John, journeyman clock 676
travelling clock, Lapraik, Douglas 331-332

Tredgar House, Newport 302

Treheme, A.A. (Alan)

book review 315-318
librarian, AHS K24

Peter Stubbs, The Birmingham and Coventry Connection, lecture 124

Trollope, Anthony, mentions keyless winding 423

Troughton, John, address 293

Trundell, E.E.J., editor, Antiquarian Horology K13

Tucker, of London, turret clock, Great Horwood, 1873 571-572
tulip, fashion in engraving, 1680s K65

Turkish market, Prior, Edward, watch 8

Turners’ Company, medal 449
turntable base, Bradford, Thomas, London, ¼ chiming, ebony bracket clock 143
turret clock, dial, Harewood House 575
turret clock, maker

Ainsworth, from Seaforth 698
Bailey & Co., Salford, at Hebden Bridge 575
Bailey, W.H., Salford 453
Barron, J.L., Alloa 443
Bayliss, W., Finmere, at Barton Harthorn 572, 573
Bradley, Langley 343
Greycoat Hospital 565
at St. Paul’s Cathedral 35-37
Call, Jan Becker van K51
Clowes, J. & J. 123
Condliff of Liverpool, at Pateley Bridge 575
Condliff, Thomas, from Seaforth 698
Cook of York, at Topcliffe 575
Daelmans, Toine 233
Darling and Wood, of York, at Church Fenton 574
Denton, Samuel 453
Dent, E.J., Doncaster 573
Dent, from Everton, Emanuel church, 1866 565
Dent of London, at Lode 126
Evans of Soho 342
Gents of Leicester, Liver Building 706-707
Gillett and Bland, pillar clock 567
Handley and Moore, at St. Paul’s, Bedford 706
Hemnings, of Bicester, at Finmere 573
Hindley
at Aldburgh 574-575
at Harewood House 576

vol27indexrev5.indd   759
26/08/2004   16:37:42
**turret clock, maker (continued)**

<table>
<thead>
<tr>
<th>Name</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holmes, John, at Greenwich</td>
<td>295</td>
</tr>
<tr>
<td>IW (John Watts)</td>
<td>121</td>
</tr>
<tr>
<td>Johnson, John, Prescot, from Seaforth</td>
<td>698</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td>K79</td>
</tr>
<tr>
<td>Lammertszoon, Jacob</td>
<td>232</td>
</tr>
<tr>
<td>Leeson, at Olney</td>
<td>571, 572</td>
</tr>
<tr>
<td>Mannhart</td>
<td>232</td>
</tr>
<tr>
<td>Meer, Melser van der</td>
<td>234</td>
</tr>
<tr>
<td>Miller, James, Alloa</td>
<td>443</td>
</tr>
<tr>
<td>Monk, William, at Broadchalke</td>
<td>235</td>
</tr>
<tr>
<td>Moore, John and Sons, York Minster</td>
<td>567</td>
</tr>
<tr>
<td>Moore, London, at Wilton Baptist Church</td>
<td>235</td>
</tr>
<tr>
<td>Newey, G.J.E. at Church Fenton</td>
<td>574</td>
</tr>
<tr>
<td>Newey, G.J.E. at Easingwold</td>
<td>575</td>
</tr>
<tr>
<td>Pietersen, Willem</td>
<td>232</td>
</tr>
<tr>
<td>Potts, at Whaddon</td>
<td>571, 572</td>
</tr>
<tr>
<td>Potts, W., of Leeds, at Brodsworth</td>
<td>574</td>
</tr>
<tr>
<td>Potts, William, of Pudsey, at Ilkley</td>
<td>576</td>
</tr>
<tr>
<td>Roscoe (Roskell?) and Co., at Pateley Bridge</td>
<td>575</td>
</tr>
<tr>
<td>Royal Eijsbouts</td>
<td>232-233</td>
</tr>
<tr>
<td>Schneider, F.X.</td>
<td>233</td>
</tr>
<tr>
<td>Smith's, at Cardington</td>
<td>706</td>
</tr>
<tr>
<td>Spaackel, Jurriaan</td>
<td>234, 570, K51</td>
</tr>
<tr>
<td>Späth, Innsbruck</td>
<td>572</td>
</tr>
<tr>
<td>Tuyman, Thomas</td>
<td>369, 495</td>
</tr>
<tr>
<td>Tucker, of London, Great Horwood, 1873</td>
<td>571-572</td>
</tr>
<tr>
<td>Vabrie, Heynrick</td>
<td>444</td>
</tr>
<tr>
<td>Wagner</td>
<td>234</td>
</tr>
<tr>
<td>Watts, John, Stamford</td>
<td>120-121</td>
</tr>
<tr>
<td>Wells, Jas, at Solihull</td>
<td>446</td>
</tr>
<tr>
<td>Wharton, Wm, Birmingham</td>
<td>712</td>
</tr>
<tr>
<td>Whitehurst, of Derby, at Stamford</td>
<td>121</td>
</tr>
<tr>
<td>WRB, Netherlands</td>
<td>231</td>
</tr>
<tr>
<td>Wright and Street, at St. Paul’s Cathedral</td>
<td>41, 48, 50-51</td>
</tr>
</tbody>
</table>

**turret clock, place (continued)**

<table>
<thead>
<tr>
<th>Name</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aldburgh</td>
<td>574-575</td>
</tr>
<tr>
<td>Amsterdam, Paleis op de dam</td>
<td>234-235</td>
</tr>
<tr>
<td>Amsterdam, Prins Culture Foundation</td>
<td>234</td>
</tr>
<tr>
<td>Asten, National Carillon Museum</td>
<td>232-233</td>
</tr>
<tr>
<td>Barton Harthorn</td>
<td>572, 573</td>
</tr>
<tr>
<td>Bedford, St Paul’s</td>
<td>706</td>
</tr>
<tr>
<td>Belton</td>
<td>453</td>
</tr>
<tr>
<td>Birkenhead Priory</td>
<td>126</td>
</tr>
<tr>
<td>Bowerchalke</td>
<td>235</td>
</tr>
<tr>
<td>Broadchalke</td>
<td>235</td>
</tr>
<tr>
<td>Brodsworth</td>
<td>573, 574</td>
</tr>
<tr>
<td>Bromsgrove</td>
<td>712</td>
</tr>
<tr>
<td>Burghley House</td>
<td>121</td>
</tr>
<tr>
<td>Cardington</td>
<td>706</td>
</tr>
<tr>
<td>Chilwall</td>
<td>125</td>
</tr>
<tr>
<td>Church Fenton</td>
<td>574</td>
</tr>
<tr>
<td>Dam, Amsterdam</td>
<td>570</td>
</tr>
<tr>
<td>Doncaster</td>
<td>573</td>
</tr>
<tr>
<td>Dutch private houses</td>
<td>231-234</td>
</tr>
<tr>
<td>Easingwold</td>
<td>575</td>
</tr>
<tr>
<td>Empingham</td>
<td>121</td>
</tr>
<tr>
<td>Enville, Staffs</td>
<td>125</td>
</tr>
<tr>
<td>Everton, Emanuel church, 1866</td>
<td>565</td>
</tr>
<tr>
<td>Finnere</td>
<td>572, 573</td>
</tr>
<tr>
<td>Great Horwood, 1873</td>
<td>571-572</td>
</tr>
<tr>
<td>Greenwich Hospital</td>
<td>295</td>
</tr>
<tr>
<td>Greycoat Hospital</td>
<td>565</td>
</tr>
<tr>
<td>The Hague, St Jacob</td>
<td>K44</td>
</tr>
<tr>
<td>Handsworth Park</td>
<td>342</td>
</tr>
<tr>
<td>Harewood House</td>
<td>575, 576</td>
</tr>
<tr>
<td>Hebden Bridge</td>
<td>575, 576</td>
</tr>
<tr>
<td>High Melton</td>
<td>573</td>
</tr>
<tr>
<td>Ilkley</td>
<td>575, 576</td>
</tr>
<tr>
<td>Kirk Smeaton</td>
<td>574</td>
</tr>
<tr>
<td>Leominister, Hampton Court</td>
<td>369, 495</td>
</tr>
<tr>
<td>Lillingstone Lovell</td>
<td>571, 572</td>
</tr>
<tr>
<td>Liverpool</td>
<td></td>
</tr>
<tr>
<td>Industrial Schools</td>
<td>123</td>
</tr>
<tr>
<td>Liver Building</td>
<td>706-707</td>
</tr>
<tr>
<td>Liverpool Museum</td>
<td>125</td>
</tr>
<tr>
<td>Lode, Cambridgeshire</td>
<td>126</td>
</tr>
<tr>
<td>London</td>
<td></td>
</tr>
<tr>
<td>Euston Station</td>
<td>567</td>
</tr>
<tr>
<td>Inner Temple</td>
<td>400</td>
</tr>
<tr>
<td>St. Paul's Cathedral</td>
<td>35-37, 38-51</td>
</tr>
<tr>
<td>Lower Dunsford</td>
<td>574</td>
</tr>
<tr>
<td>Ludlow</td>
<td>712</td>
</tr>
<tr>
<td>Lutterworth</td>
<td>453</td>
</tr>
<tr>
<td>Maastricht, Lanscroon</td>
<td>K44</td>
</tr>
<tr>
<td>Market Bosworth</td>
<td>453</td>
</tr>
<tr>
<td>Nassingtong, St. Mary’s church</td>
<td>121</td>
</tr>
<tr>
<td>Northill</td>
<td>706</td>
</tr>
<tr>
<td>Olney</td>
<td>571, 572</td>
</tr>
<tr>
<td>Oxford, Wadham College</td>
<td>K79</td>
</tr>
<tr>
<td>Pately Bridge</td>
<td>574</td>
</tr>
<tr>
<td>Peterborough Cathedral</td>
<td>121</td>
</tr>
<tr>
<td>Ragley Hall</td>
<td>446</td>
</tr>
<tr>
<td>Seaford, St Thomas’s church</td>
<td>698</td>
</tr>
<tr>
<td>Silson, Leics</td>
<td>453</td>
</tr>
<tr>
<td>Solihull</td>
<td>446</td>
</tr>
<tr>
<td>Stamford, Beadhouse</td>
<td>120-121</td>
</tr>
<tr>
<td>Stapleton Hall</td>
<td>574</td>
</tr>
<tr>
<td>Swaffham Prior, St. Cyriac &amp; St. Julitta</td>
<td>125</td>
</tr>
<tr>
<td>Swaffhams, Cambridgeshire</td>
<td>126</td>
</tr>
<tr>
<td>Tingewick</td>
<td>572, 573</td>
</tr>
<tr>
<td>Topcliffe</td>
<td>574</td>
</tr>
<tr>
<td>Whaddon</td>
<td>571, 572</td>
</tr>
<tr>
<td>Wilton Baptist Church</td>
<td>235</td>
</tr>
<tr>
<td>Winkel, north Holland</td>
<td>K44</td>
</tr>
<tr>
<td>Woolley Hall</td>
<td>125</td>
</tr>
<tr>
<td>York Minster, John Moore and Sons</td>
<td>567</td>
</tr>
<tr>
<td>Zaan, Museum</td>
<td>K44</td>
</tr>
<tr>
<td><strong>Turret Clocks and Bells, lecture by Phil Irvine</strong></td>
<td>125-126</td>
</tr>
<tr>
<td><strong>Two Rare Books, by Jonathan Betts</strong></td>
<td>677-680</td>
</tr>
<tr>
<td>Tyler, E.J. (John)</td>
<td></td>
</tr>
<tr>
<td>elected as Fellow of AHS</td>
<td>439</td>
</tr>
<tr>
<td>librarian, AHS</td>
<td>K24</td>
</tr>
<tr>
<td>portrait</td>
<td>K12</td>
</tr>
</tbody>
</table>

**Antiquarian Horology** 760
Tyler, E.J. (John) (continued)

For your further reading 133, 240, 458-459, 578, 714
Tyler, George, London 450
Tyrrell, Thomas, London, spring maker 85

U
Uffenbach, Zacharias 37
Ullyett, Kenneth, English Clock Masterpieces, book 680
Uneman (Vrieman), John and William K44
Union Jack, on Mostyn Tompion K73-74
Unsworth, Thomas, Liverpool, spring maker 89

V
Vabrie, Heynrick, turret clock, St Jacob, The Hague K44
Valentines, brass suppliers 52
Vallin, Nicholas, clock, carillon, owned by F.H. Green 678
Vallin, Nicholas, clock, carillon, owned by F.H. Green 678
Vallorbe 450
Vauquer, Paul, enamel painter 419
Vernon, Samuel, junior, London, spring maker 67, 85
Vernon, Samuel, senior, London, spring maker 67, 85
Verow, John, Hinckley 283
Verroux, Jean, Haagse Klok 571
Vertue, George, engraver K71
Vibrandi, watch, oval K45
Viel, Paul, Blois, enamel watch 418
Viner, carriage clock, rosewood ¼ striking 471
Viner, Charles Edward, alarm watch no.489 426-427
Vinzens, Bridgegate 696
Visbagh, Pieter, The Hague 446
clock painted by Cornelis van Poelenburgh 446
Hague clock, Zaandam, museum K46-47
Visconti, Gaspar, mention of mainspring 421
Volger, Kornelis Michielsz, Zaan clock K51-52
Volpaia, Benvenuto, Florence, 1516, nocturnal and sundial 161
Volta, Alessandro 509
Vulliamy, Benjamin Lewis 433, 623
approves loan to Morgan 618, 624
friend to Octavius Morgan 307
Vulliamy, Benjamin, longcase regulator no.830 447
Vulliamy, David G., The Vulliamy Clockmakers, book advertised 214
reviewed 433
Vulliamy of London
no.169, longcase clock 26
no.842, mantel clock, rosewood 19

W
W & S, mainspring makers? 85
Waddington, Trevor, John Barnett longcase clock [letter] 132
Wadsworth, J.H.F. (Francis) librarian, AHS K24
Wadsworth, J.H.F. (Francis) (continued)
portrait K82
Wagner, turret clock, maker 234
Wainwright, John, Welliborough 450
Waites, B., ed, A Celebration of Rutland 562
Wall clock, see also regulator 570
Coster, Salomon 570
Mey, François de, of Amsterdam, musical, stool clock c.1685 K51-52
Plumley of London, tavern clock 140
Webster, London, dial clock, 1862 567
Whitehurst, of Derby, no.6177 599
Wallen, W., Hanley, watch 445
Waller, Richard, Posthumous Works of Robert Hooke 683
Walton, James, Prescot and London 177
Ward, Dr F.A.B.
brief biography 333
portrait K11, K12
Ward, Seth K76
warning, see striking, warning work 140
Warren, William 450
Was Banger Really Fired?, by Guy Boney 392-405
Washbourn (III), John, Gloucester, Henry Williams apprenticed to 569
Wastell, John, lecture report 447
watch, see also alarm; watch, calendar; watch, crucifix; watch, dress; watch, enamelled; watch, form; watch, oignon K45
watch anonymous, early C17 case 408
anonymous, stackfreed Morgan collection 308
anonymous, stackfreed, Strasbourg oval clock-watch 487
AR, stackfreed, c.1600 406-407
Arnold, John Roger, no.163 (Thomas Prest) 425-426
Aspinwall, Thomas
oval c.1620 166-168
oval dated 1607 164-166
Atkins, Samuel, London, verge, ¼ repeating 565
Barrow, Nathaniel, silver-cased 621-623
Betts, Samuel, enamelled, dial 618
Blackbarrow, Jas., London, mock pendulum 565
Bompard, of Paris, verge 565
Bouguet, David, London, enamel 419-421
Bovet of Fleurier 448
Breguet, Abraham-Louis, no.4202 139
Champagnie, Claude, Lyons 415-416
Cole, Richard S. 123
Collier, P, Manchester, verge 565
Deacon, Samuel, nos 3 & 4 55
Dent, E., no.14449 424
Dixon, Lt George, owned by 490
Dutton, Benjamin 93
Dutton, Matthew & Thomas, no.1565 254
Dutton, R.W. 93
Dutton, William 93
East, Edward
repeating movement 618
silver oval ‘Puritan’ 620
Erhardt, Johann Christoph, Augsburg, painted silver, calendar, fly-back minutes 640
watch (continued)

Etchinger (Elchinger), Hans Conrad, enamelled by J. Toutin 635-636
Garrett, Ferdinando, oval 310
Gautrin et fils, one-wheel 490-410
Glück, Adam, Augsburg 414
Glück, George, of Berlin, verge, silver book-form 638-639
Goedeij, Nicholas, octagonal rock-crystal
Goode, Charles, verge 565
Goullons à Paris, gold and enamel 618, 619
Griffiths, J. (1781-1840) 445
Grinkin, Robert, Junior, London 415
Hebrat, Jean, Brussels, enamelled, 'Virgin and infant Christ' 637-638
Hill, Benjamin, gold and blued-steel pair cased 417
Huggeford, Ignatius, 'jewelled' 618, 620, 621, 624
John, Hans, Königsberg, with pistol 312
Jones, Henry, London
gold, shagreen, lost, 1689 539
silver pair case, verge 712
silver, striking, lost, 1675 531
Joyne, John, à Paris, square, gilt metal 635
Jürgensen, Jules, Copenhagen, numbers, [letter] 711
Just & Son, Chinese market 571
Kheller, Johann Michael
Bernal collection, square, gilt silver 633-634
square, fusee verge, c.1600, stolen 713
Koster, Wilhlem, night and day dial 570
Kreizer, Conrad (spurious?), rock crystal 624-625
Lampard, John 311-312
Lange, A. & Söhne, Glashutte 17
Lapraik, Douglas, China, no.1665 455-457
Le Roy au Palais Royal, no.88, 3817 247
Lecount, Peter, London, no.291, rack lever 448
Martinot, Gilles, à Paris, orion 383-385
Masterson, Richard, silver 'form' sea-shell 621
Midnall, John, London 313
Mousset à Paris (Thomas?), orion 385-387
Mudge & Dutton
no.1095 477
various 90-93
Mudge, Thomas, numbering series 90-93
Nellson, James, silver-cased, calendar 621-623
Nicolle, Adolphe, keyless winding 423-424
Ogden, Thomas 348-349
owned by Lt George Dixon 492-493
Piguet & Meylan, musical 482
Pringle, Geo, Earlstone no.11345 709
Prior, Edward, Turkish market 8
Prior, George & Edward, numbers & hallmarks, [letter] 710-711
Quare, Daniel, movement, verge, ¼ repeating 565
Ramsay, David 412-413
Rogers, Isaac, no.19027 595
Rugendas, Nikolaus, Augsburg, monsternace 408-409

watch (continued)

Sidney, Benjamin, verge 565
Simmes, Isaac, (Richard Whytinge 1536) 310
Sinclair, William, of Dublin, verge 565
Tompion & Banger, no.114 70
Tompion, Thomas 565
balance spring movement 586
no.144 31-32
no.336 74
no.4144 72
Tracy, Steven, of Rotterdam, enamelled, 'Venus, Cupid & Tritons' 637
Vibrardi, oval 418, 419
Viet, Paul, Blois, enamel
Wallen, W., Hanley 445
Westfield cylinder 131
White, Joseph, & Son, no.40465 663
White, Thomas, of Leicester, no.2296 654
watch, alarm see alarm

Watch and Clockmaker review, Old English Clocks 678

watch, calendar

Barrow, Nathaniel, silver 618, 621-623
Duboule, Jean Baptiste, Geneva, coach watch 416
Erhardt, Johann Christoph, Augsburg 640
Nelsson, James, London, silver 621-623
watch, case in the form of

Clay, William, London, Tudor rose 619, 620
Glück, George, of Berlin, verge, silver, book-form 638-639
J.C., silver, in form of a pear 639
Piguet & Meylan, mandolin 482
Masterson, Richard, silver, sea-shell 621
Tinelly, Charles, Aix en Provence, crucifix 411

watch case maker

AM 640
Beyendorf, David 86
CN/EN 363
Cobham, Joshua 176
Delander, Nathaniel 119
IL, 1763, gold repoussé 652
JO 456
Laithwaite, William 176
Maklin, James 254
MN 712
Mounier, Peter 477
North, Robert Benson 347
PM (Peter Mounier) 477
Prescott, Roger 176
PW 654
RN (Robert Benson North) 347
SB 712
Tavernier of Paris 139
TG 330
TH (Thomas Hardy) 6
WB (William Bullock) 659, 660
watch case, rock crystal 618, 620

Watch Cases and their Makers, lecture by Philip Priestley 118-120

watch cocks, collection, purchased by AHS 1959 K23
watch dial maker, Mr (Martinière?), c.1700 385
watch, dress, Ingersoll 448

Antiquarian Horology 762
watch, enamelled case
Erhardt, Johann Christoph, Augsburg 640
Etchinger (Elchinger), Hans Conrad, enamelled by J. Toutin 636
Goullons à Paris 619
Hebrat, Jean, Brussels 637
Tracy, Stephen, Rotterdam, enamelled by Pierre Huauel II 637
watch, enamelled, dial
Betts, Samuel 618
Goullons à Paris 619
Joyne, John, à Paris 635
watch engine, drawing 56
watch, keyless winding 427
English Keyless Winding Watches, by Michael Gibbons 423-428
Nicole, Adolphe 423-424
watch, monstrance, Rugendas, Nikolaus, Augsburg 408-409
watch, oignon
details of an early construction 381-387
French Oignon Watches with a Central Fusee, by Adolphe Chapiro 380-387
Hubert, Yves, à Richelieu 383-385
Martinot, Gilles, à Paris 383-385
Mousset à Paris (Thomas?) 385-387
watch, one-wheel, Gautrin et fils 482
watch paper, Dominy 693
watch, repoussé, see repoussé case
watch, screw-on stand for 408-409
watch spring maker, see also mainspring maker
Ball, John 176
watch, striking, Duboule, Jean Baptiste, Geneva, coach watch 416
watch tariffs, removed by Gladstone 657
watch, use of pocket for 415
Watches, Early French Enamelled, by Simon Bull 344
watchpaper, Rogers, Isaac 595
water clock
al-Jazari
Castle 207-209
Elephant 141, 211-213
Arabic 206-213
Chinese 525
Watson, Chris
Henry Hindley and the Lancashire Connection 94-98
John Holmes (1727-97), Time for a Further Look 643-651
John Holmes, His Life and Work 289-301
Watson, Jack 28
Watson, Samuel, bracket clock, repeating, ebony veneered 490
Watt, James, portrait 515
Watts, John, Stamford 120-121
turret clock 121
Watts, Robert, Stamford 121
Waugh, mainspring maker ? 85
Ware, see Bevan & Ware
weather clock, Wren, Christopher 58-59
Weaver, Francis, London, spring maker 65, 85
Weaving, Allen
chairman, South Eastern Section 21
Wilbourne, A.S.H. & Ellis, R., *Lincolnshire Clock, Watch and Barometer Makers*, reviewed 556
Wild, J. Malcolm, *Wheel and Pinion Cutting in Horology*, reviewed 100
Wild, William, leatherseller 394
Wilkins, John, Philosophical Club K76, K79
Willard’s Patent Time Pieces, by Paul J. Foley, reviewed 318-320
William III, King
cypher on Tompion clocks K74
Tompion’s work for K69-70, K73-74
use of Tompions as gifts K74
Williams, Henry, Llancarfan, *Henry Williams, Clock and watchmaker of Llancarfan*, lecture by Dr Ed W. Cloutman 569
Williams, William, Liverpool, spring maker 89
Williamson, H., Ltd., Coventry 699, 701
Williamson, Joseph
bracket clock, ¼ repeat, terrestrial sphere, annual calendar 495, 496
Willoughby, Benjamin, Bristol 450
Wills, M., ? mainspring maker 85
Wilson, Thomas, London, spring maker 85
Wilton, Phebe, first wife of John Holmes 643
Windmills & Elkin, bracket clock, ¼ repeat 571
Windmills, J., London, longcase clock, walnut 370
Windmills, London, longcase clock, walnut 367
Wing 293, see also Heath & Wing
Winn(e) (née Jones), Bridget 542, 544
Winstanley, John, Liverpool, spring maker 89
Winstanley, William, Liverpool, spring maker 89
Wint, John, Jamaica, bracket clock, ebonised, strike/silent, regulation 6
Winterhalder & Hofmeier 445
Wise, John, bracket timepiece, single hand 33-34
Withering, William 515
Woffendale, Sir Arnold 118, 441
*And about time, too*
biography K25-28
portrait 118
President, AHS K13
*Time and Climate*, lecture 117-118
Wontner, Sir Hugh 28
Wood, Henry, London, spring maker 85
Wood, Richard, Liverpool, spring maker 89
Woods, Charles, London, spring maker 85
Wookey, Eric, portrait K12
workshop
Black Forest 696
Naeschke, Matthias 697
Worrell, Joseph, London, spring maker 85
Worshipful Company of Clockmakers, see Clockmakers, Worshipful Company of
Worthington, John, London, spring maker 67, 85
WRB, turret clock, maker, Netherlands 231
Wien, Sir Christopher 681, K55, K57-60
clock designer K64
double writing instrument K62
grinding engine K60
inventions of K57
Wren, Sir Christopher (continued)
lens grinding K59
lunar globe K57-58
medicine and weather K59
Royal Observatory K64
St. Paul’s Cathedral 38-51
surveyed moon K57
Wadham College clock gift of K79
weather clock K58-59
Wright, John, apprentice to John Holmes 645
Wright, Michael
*Epicyclic Gearing and the Antikeythera Machine*, Part I 270-279
*If You Can’t Do It Fast ...,* lecture 258
Wright, Richard, Cranton, sale of files 178
Wright, Thomas, mechanical equinoctial sundial 162
Wright, William, St Paul’s Cathedral clock 48
wrist-chronograph, Patek Philippe 482
wrist-watch
*English wristwatches*, lecture by David Penney 699, 700-701
Patek Philippe 17
Wy, William, London, spring maker 85
Wyer, Joseph, London, spring maker 85
Wyke, catalogue 450
Wyke, Nehemiah, Liverpool, spring maker 89
Wynne, Henry 544
brief biography 542
introduces barometer 541

Y
Yeates, Richard, London, spring maker 85
York
*National Railway Museum, clocks* 567
*The south east Prospect* 289
waterworks 296
York Buildings Company 297
York Minster
Clock by John Moore and Sons 567
converted by Cook, T.& B. 567
maintained by Newey family 567
Young, Henry, longcase clock, walnut, bolt & shutter 351, 465, 585
Young, William, London, spring maker 85
Z
Zaan clock K51-52
Volger, Kornelis Michielsz K51-52
Zamboni, Streizig clock and Zamboni piles, lecture by Tony Duley 229-230
Zeeman, Jaap K43
Zenith, deck watch 448
Zimmermann, chronoscope, stolen 345
Zweigler, Nadia, *Ships of Curiosity* 102
Zygowski, Edmund 520
Antiquarian Horology 764
THE ANTIQUARIAN HOROLOGICAL SOCIETY
(a company limited by guarantee)

Members of Council and Officers as at June 2003

President: SIR ARNOLD WOLFENDALE FRS
Vice-Presidents: R.J. LAW; M.M. SMITH

Members of Council: C.R.P. ALLIX; J. ARNFIELD; B.L. HODGSON; C.J. HURRION (ex-officio);
M.G. HURST; A.L. KING; J.H. LEOPOLD; D.J. PAY; Mrs R.K. SHENTON (Chairman); W.K. SHENTON;
D.R. THOMPSON; A.A. TREHERNE; J.H.F. WADSWORTH

Secretary: MRS W.B. BARR
Accountant: P. GAMBRILL
Hon. Librarian: A. MITCHELL

Editor Antiquarian Horology: Dr J. DARKEN
Editorial Advisory Panel: C.R.P. ALLIX; M.G. HURST; J.H. LEOPOLD; R.J. LAW

Publications Committee: C.R.P. ALLIX; J.H. LEOPOLD; J.H.F. WADSWORTH

Advertising Agent: MRS P. LAW

Solicitors: STUART, HURRION & Co., 148 Park View Road, Welling, Kent DA16 1SS
Auditors: PHILIP GAMBRILL & Co, Town Hall Chambers, 148 High St Herne Bay, Kent CT6 5NW

SCOTTISH SECTION
Chairman: Dr M. DAREAU, Hon. Secretary: R. LINDSAY, Hon. Treasurer: Mrs P. HULATT

NORTHERN SECTION
Chairman: P. G. TORRY, Hon. Secretary: E. G. POWELL, Hon. Treasurer: H. GLAUSER

MIDLANDS SECTION
Chairman: Mrs A. COWSILL, Hon. Secretary: C. SPILLER, Hon Treasurer: P. SPRUCE

EAST ANGLIAN SECTION
Chairman: C. BIRD, Hon. Secretary: A. MARAGNA, Hon. Treasurer: R.J. BUCKINGHAM

SOUTH EASTERN SECTION
Chairman: V. MORRIS, Hon. Secretary: Mrs S. KNIGHT, Hon. Treasurer: K. SORRILL

SOUTHERN SECTION
Chairman: K. SHENTON, Hon. Secretary: D. FRAMPTON, Hon. Treasurer: D.A. SMITH

WEST COUNTRY SECTION
Chairman: T. TAYLOR, Hon. Secretary: C. PONSFORD, Hon. Treasurer Mrs P. PONSFORD

ULSTER SECTION
Chairman: Dr A.C. DAVIES, Hon. Secretary/Treasurer: H.W.M. GILMORE

IRISH SECTION
Chairman: D. BOLES, Hon. Secretary: C. CURRAN, Hon. Treasurer: N. FEELEY

AMERICAN SECTION
Chairman: J. CIPRA, Hon. Secretary/Treasurer: L.R. SIMON

DUTCH SECTION
Chairman: H.VAN DEN ENDE, Hon. Secretary/Treasurer: K.R. ABBING

CANADIAN SECTION
Chairman: C.M. MURRAY, Hon. Secretary: Prof. J. GANCZARCZYK, Hon. Treasurer: P. BUCKLEY

TURRET CLOCK GROUP
Chairman: C.G. McKay, Hon. Secretary: G. HOLLIS, Hon. Treasurer: M. POTTS

ELECTRICAL HOROLOGY GROUP
Chairman: D. BATEMAN, Hon. Secretary: J. NYE, Hon. Treasurer: Mrs A. COWSILL
VOLUME TWENTY-EIGHT

PAGINATION OF ISSUES

One  March 2004 ------------------------------------------------------------- 1-128
Two  June 2004------------------------------------------------------------- 129-288
Three September 2004 ----------------------------------------------------- 289-412
Four December 2004 --------------------------------------------------------- 413-536
Five March 2005 ------------------------------------------------------------- 537-676
Six  June 2005 ------------------------------------------------------------- 677-812
Index  ------------------------------------------------------------- 813-856
ANTiquARIAN HORology
and the Proceedings of the Antiquarian Horological Society
Issued Quarterly to Members
EDITOR: DR JEFFREY DARKEN
e-mail: jeff@jdarken.demon.co.uk

LIST OF ARTICLES

| The King, the Clock and the Blue Whale |
| by Maria van Kersen-Halbertsma | 32 |

| An Examination of World Globe Clocks |
| by Edward Powell | 37 |

| The Lever Escapement, the Unexplained Divergence of Developments on the European Continent and in England |
| by Adolphe Chapiro | 52 |

| Thomas Tompion’s Spring Clock Innovations |
| by John C. Taylor | 153 |

| John Hyacinth de Magellan (1722-1790) Part 2: The Early Clocks |
| by Jonathan Betts | 173 |

| Henry Jones – Clockmaker of London Part III of IV: The Engraving on his Clocks |
| by C. Stuart Kelley | 192 |

| Thomas Tompion at the Dial and Three Crowns |
| by Jeremy Evans | 316 |

| Octavius Morgan, Horological Collector Part Four |
| by David Thompson | 337 |

| Mudge and Reynolds |
| by Sebastian Whitestone | 348 |

| The Other Turret Clock from Cassiobury |
| by Ken Ming | 353 |

| Tompion’s Two-Train Grande Sonnerie Mechanism |
| by George Daniels | 370 |

| Thomas Tompion at the Dial and Three Crowns, Part II |
| by Jeremy Evans | 437 |

| Tompion No.145, A True Dutch-Striking English Clock |
| by Melgert Spaander | 460 |

| The Touch of Time, Helen Keller and her Pocket Watch |
| by Silvio A. Bedini | 473 |

| The Coster-Fromanteel Contract Re-examined |
| by Frits van Kersen | 561 |

| Some More Notes on the Coster-Fromanteel Contract |
| by J.H. Leopold | 568 |

| Seventeenth and Eighteenth Century Clock Demand, Production and Survival: An Economic and Statistical Analysis |
| by Chris H.K. Williams | 571 |

| Who Invented Rack-and-Snail Striking? The Early Development of Repeating and Rack Striking |
| by John A. Robey | 584 |

| Octavius Morgan, Horological Collector Part Five |
| by David Thompson | 602 |

| Detailed Notes on Samuel Deacon’s Musical Clock of 1790 |
| by Jeff Darken | 619 |

| The Hermitage Peacock How an Eighteenth Century Automaton Reached St Petersburg |
| by Yuna Zek and Roger Smith | 699 |
LIST OF ARTICLES (continued)

Henry Jones – Clockmaker of London
Part IV of IV: The Output of his Workshop
by C. Stuart Kelley ........................................... 721

Ludlow Church Bells, Clock & Chimes 1460-1900
Part 1 – The Bells & Clocks of
St Laurence’s Church, Ludlow
by Michael Page............................................. 744

Pneumatic Clocks
by David Read .............................................. 754

Timepiece for a Pontiff?
A Case of Mistaken Identities
by Silvio A. Bedini ........................................... 765

LIST OF NOTES

The Sundial at St Laurence’s Church, Ludlow
by Michael Page............................................. 83

Hammer Marks as a Diagnostic Method in Horology
by John Robey .............................................. 85

A Lantern Clock with Three Dials
by Mike Cowham........................................... 88

The Rouse Regulator
by Simon Johnson........................................... 91

The Folio Turret Clock at Llanthony
by William Linnard........................................ 240

The Horological Gravestone in Lydford Parish
by Silvio A. Bedini........................................... 245

Repair of Worn Clock Pinions and Pivots
by Laser Welding
by Brian Coles and Peter Powell ...................... 480

Henry Irland at Ye Bell in Louthbury Fecit
by Jeff Darken and Tom Spittler ...................... 485

St Peter Port’s Town Clock
by Malcolm Savage ........................................ 488

Notes on the Pendulum of
the Great Westminster Clock
by John Warner ............................................. 490

PICTURE GALLERY

Astronomical Clock by John Naylor
London c.1725 .............................................. 73

Four-train Musical Clock
made by Samuel Deacon in 1790 ................. 78

Jules Jürgensen Watch No.10672 .................. 184

Two Cuckoo Clocks by Johan Baptist Beha .... 186

Monstrance Table Clock
by Thomas Starck, 1620 ............................... 360

Leroy & Cie Chronostat III – Marine Chronometer
with Transistor Maintained Balance ............... 364

Peyer Favarger & Cie Railway Chronograph .... 366

Thirty-Hour Clock Malkin – Kirkby............... 368

A Renaissance Clock Case ........................... 452

John Ellicott Longcase Regulator .................. 456

Gold Pocket Chronometer
David Morice, London ................................. 636

Half-quarter Repeater Godfrie Poy, London ...... 638

A Victorian Strut Clock ................................. 642

Wm Warren – London ................................ 716

Tho’ Ranger – Chipstead .............................. 718

A Rolex Prince Wristwatch ............................ 720
| Page numbers in bold type denote an illustration |

## AHS, East Anglian Section

- 13th September 2003, correction, letter by Graham Brooks .......................... 118
- reply by David Penney .......................... 272
- 22 November 2003, AGM and Four Generations of Watchcase Making, profile of Martin Matthews .......... 112
- 24 January 2004, The Making of Longitude, lecture by Andrew King .................. 264
- 27 March 2004, Restoring the Gressenhall Clock, lecture by members .................. 264-5
- 22 May 2004, Bring and Discuss ..................................................... 392-3
- 27 June 2004, visit to Gressenhall ........................................... 393
- 24 July 2004, Metamec Forum ..................................................... 393-4
- 25 September 2004, Nicole, Nielsen and Company, lecture by Tony Maragna ................. 507-8
- 27 November 2004, AGM and videos ........................................... 659
- 15 January 2005, Making a Replica of Dondi’s Planetarium, lecture by Don Unwin .............. 659-60
- 9 April 2005, Clockmaking in the 18th and 19th Centuries, lecture by John Robey ............. 795-6

## AHS, Electrical Horology Group

- 22 November 2003, AGM and Development of the quartz watch at Seiko, lecture by Mark Mills ............ 115-16
- 20 March 2004, Robert Mann Lowne, lecture by Sue Hayton .................................. 269-70
- 15 May 2004, joint meeting – Turret Clock Group ............................................. 399
- 24 July 2004, Metamec Forum ..................................................... 393-4
- 25 September 2004 ..................................................... 521-2
- 27 November 2004, AGM: lectures on quartz ........................................... 662-3
- 19 March 2005, visit, Watford ..................................................... 799

## AHS, Main Meeting

- 20 November 2003, Watchmaking, lecture by Roger Smith .................................. 107
- 22 January 2004, A Life in Horology, lecture by Keith Harding .............................. 107-8
- 10 & 17 March 2004, Visits to British Museum (studying work of Thomas Mudge) .................. 259-60
- Visit to Clockmakers’ Company Museum ........................................... 387
- 23 September 2004, The Early Collectors – Watch and Clock Collecting in the 18th and 19th Centuries, lecture by David Thompson .................. 502-3
- 25 November 2004, Lépine and Breguet – Co-Workers or Master and Apprentice?, lecture by Adolphe Chapiro ........................................... 655-6
- 20 January 2005, Curiosities of Public Timekeeping, lecture by Chris McKay .................. 656-7

## AHS, Dutch Section

- 13 September 2003, AGM: Bring and Discuss ..................................................... 515-16
- 20 November 2003, Sotheby’s viewing ........................................... 516
- 29 November 2003, Het Loo collection visit ........................................... 516
- 7 February 2004, Bring and Discuss ........................................... 516
- 6 March 2004, Tompion no. 145; Corna electric clock ........................................... 516

## AHS, Canadian Section

- 3 July 2004, Tompion no. 145; Corna electric clock ........................................... 516

## AHS, American Section

- 214

## AHS (Antiquarian Horological Society)

- for meetings see AHS, main meeting
- for details of sections see AHS, name of section

## AHS News


## A Longcase Clock by William Clement

- at Maidstone Museum ........................................... 654-5

## Alan Shenton Award

- 106

## Autumn 2004

- 379-81

## Bibliography Notes (includes acquisitions)

- 106, 258, 382, 502, 653, 787-8

## Percy Dawson Medal

- 106, 257, 653, 787

## Professor

- 102-4

## Spring 2004

- 379-81

## Winter 2005

- 497-500

## Summer 2005

- 782-4

## Summer 2004

- 253-5

## Publications

- 101, 252, 378

## Secretary’s Notes

- 382

## Vice-President, A New

- 382

## AHS, American Section

- 517-18

## AHS, Canadian Section

- Electronic newsletter, letter 117

## AHS, Dutch Section

- 516

## Ackermann, Silke, Reach for the Stars, lecture

- 797-8
AHS, Midlands Section
5 November 2003, A Journey Through Time, lecture by Mike Durham .........................110-11
3 December 2003, AGM and Bring and Discuss .......111
3 December 2003, AGM, and items brought .............111
4 February 2004, Modern Watch Production, lecture by Tim Trefry ......................................263
3 March 2004, Complicated Clocks, lecture by Ron Rose .................................................263-4
5 May 2004, American Clocks, lecture by Alan Midleton ..................................................390-1
2 June 2004, Mercer Chronometers, lecture by Derek Bryan ............................................391
5-27 June 2004, Kent Tour ...........................................392
11 September 2004, visit to Taylor’s of Loughborough..............................506
3 November 2004, Engine Turning, lecture by John Moorhouse ...........................................659
1 December 2004, Bring and Discuss ..........793-4
2 February 2005, Gents of Leicester, lecture by Colin Reynolds ...............................................794

AHS, Northern Section
14 November 2003, Watch and Clock Tools, brought ..110
12 December 2003, Social, and Bring and Discuss ......110
12 January 2004, AGM; and a video ........................110
13 February 2004, Dismantling a Chronometer, lecture by Jim Arnfield .................................262
12 March 2004, Club Night – French clocks ..........262
12 April 2004, Derbyshire Clocks, lecture by John Robey ..................................................262-3
11 June 2004, Development of the Wristwatch, lecture by David Penney ........................................390
9 July 2004, Club Night – current tools ...............390
13 August 2004, The Development of the Longcase Clock, lecture by Michael Legg .......................504
10 September 2004, Club night – current projects ....504-5
11 September 2004, Visit to Kent .........................505
8 October 2004, Railway Clocks, lecture by Dr D. Parr .......................................................505-6
12 November 2004, Torion Clocks ......................658
10 December 2004, Social evening .......................658
14 January 2005, AGM and talks ................................658-9
11 February 2005, Lancashire Watch Company, lecture by John Griffiths ........................................792
11 March 2005, Skeleton Clocks ................................792
9 April 2005, Watches 1675-1753, lecture by David Thompson ...........................................792-3

AHS, Scottish Section
25 October 2003, AGM and Bring and Discuss ..........108
17 January 2004, Clocks in a Triad of Tulliallan Churches, lecture by Bob Lindsay .....................109-10
17 January 2004, Fifty Years in the Trade, lecture by ‘Robbie’ Gordon ....................................109
21 February 2004, Peter Stubs and Co., Warrington, lecture by Alan Treherne ..........................260-1
27 March 2004, American Pocket Watches, lecture by Philip Priestley ................................261
17 April 2004, Smiths of Derby, lecture by Nicholas Smith ....................................................261-2
15-22 May 2004 Swiss Tour ................................388-9
26 June 2004, visit to Drumlanrig Castle ............387-8
18 September 2004, The Year of a Master, lecture by Michael Smith ........................................503
16 October 2004, AGM and Bring and Discuss ..........503-4
13 November 2004, Clock Case Restoration, lecture by James Hardie ....................................657
19 February 2005, Barrel Organs, lecture by Dr John White ...........................790
19 March 2005, Wood Finishing, lecture by James Hardie ....................................................791
16 April 2005, Complicated Clocks, lecture by Ron Rose ....................................................791

AHS, Southern Section
6 December 2003, AHS Secretary’s Job, lecture by Wendy Barr ........................................112
6 December 2003, Clocks Through my Workshop, lecture by John Warner ............................112-13
7 February 2004, Early Swiss Watches, lecture by David Thompson ..................................265-6
3 April 2004, Bring and Discuss ...........................................266-7
1 May 2004, The Jurgensen Family, lecture by Derek Pratt ..................................................394-5
5 June 2004, Clockmaking in the 18th Century, lecture by John Robey ..................................395
7 August 2004, Hand Making, lecture by Keith Davis .......................................................508-9
2 October 2004, AGM and The Great Clock of Westminster, lecture by John Warner ..........509-10
2-4 November 2004, Visit to the Netherlands .....................510-13
4 December 2004, Traditional Brass Lacquering, lecture by Francis Brodie .........................660-1
5 February 2005, Sundials, lecture by Doug Bateman ....................................................796
2 April 2005, Nicole Nielsen and Company, lecture by Tony Maragna ..................................796-7

AHS, South Eastern Section
8 November 2003, 21st Anniversary meeting and lunch ..........113-14
Weight-driven Wall Clocks, lecture by Jeff Darken .............................................113-14
25 October 2003, AGM and Bring and Discuss ..........108
17 January 2004, Clocks in a Triad of Tulliallan Churches, lecture by Bob Lindsay .....................109-10
17 January 2004, Fifty Years in the Trade, lecture by ‘Robbie’ Gordon ....................................109
21 February 2004, Peter Stubs and Co., Warrington, lecture by Alan Treherne ..........................260-1
27 March 2004, American Pocket Watches, lecture by Philip Priestley ................................261
17 April 2004, Smiths of Derby, lecture by Nicholas Smith ....................................................261-2
15-22 May 2004 Swiss Tour ................................388-9
26 June 2004, visit to Drumlanrig Castle ............387-8
18 September 2004, The Year of a Master, lecture by Michael Smith ........................................503
16 October 2004, AGM and Bring and Discuss ..........503-4
13 November 2004, Clock Case Restoration, lecture by James Hardie ....................................657
19 February 2005, Barrel Organs, lecture by Dr John White ...........................790
19 March 2005, Wood Finishing, lecture by James Hardie ....................................................791
16 April 2005, Complicated Clocks, lecture by Ron Rose ....................................................791

Antiquarian Horology 818
American and Swiss Watchmaking in 1876,
by Jacques David, reviewed.................................251
American Clocks, lecture by Alan Midleton ..................390-1
American Pocket Watches, lecture by Philip Priestley .......261
Amsterdammerije
Laan, van der, of Amsterdam ..................................515
Anderson, Robert, *To his a Mark ...,* 1690 ............329, 330
Andrews, of Dover, cartel clock ...............................518
Anne, Queen of England, Tompion’s petition to ..........444
Antiquarian Horological Society, see AHS
Apeldoorn, Het Loo, exhibition, *Opwinde Klokken, see Huygens’ Legacy
Apian, see Histoire D’Apian
Appleby, Edmund, *Clocks by Edmund Appleby or Francis Rayford*, letter by Ken Sandalls ..........337
apprentices
*British Clockmakers and Watchmakers Apprentice Records 1710-1810*, by Dennis Moore, reviewed............97-8
of Henry Jones ..................................................721-4
apron, back cock
Jones, Henry, of London .........................................212-13
Archaeological Institute
Morgan, Octavius exhibits enamel cased watches ..........343
involvement in .....................................................337
Observations on the Art and Progress of
Watchmaking .......................................................337
Archer, John, London engraver ..................................214
Arlaud, Antoine, of Geneva ....................................776
armillary sphere
la Garde, Jean de, Blois, table clock ................................340-2
Armstrong, turret clock, Manchester, Cathedral .............521
Arnfield, Jim
*Dismantling a Chronometer*, lecture .........................262
*Swiss Tour Highlights, May 2004*, lecture .................658
Arnold and Dent
bracket clock, mahogany (stolen) ..............................668
chronometer, marine no. 839........................................794
no. 1012..................................................................560
no. 1207...................................................................794
Arnold, John and John Roger, ledger .............................313
Arnold, John Roger, personal artefacts .........................313
*Art and Antique Recovery*, lecture by Charles Hill ........794-5
Arundale, Francis, wind-dial-......................................30
Aske, Henry ................................................................450
Assay Office, marks on gold and silver
Octavius Morgan’s research into ..................................337
astrolabe....................................................................797-8, see also dial, astronomic
astronomer’s follower clock........................................789
astronomical clock
la Garde, Jean de, Blois, armillary table clock ...............340-2
Naylor, John, of Nantwich (and London) .................73-7
Norton, Eardley, of London .........................................30
Pinchbeck, Christopher, of London ............................30
Rae, Revd Peter, of Kirkconnel
musical longcase clock.............................................388
Topping, John, longcase clock, centre seconds ............388
Antiquarian Horology
Bedini, Silvio A., continued,
*The Touch of Time: Helen Keller and her Pocket Watch* 473-9

Beentjes, Tonny, tutor at West Dean 480
Beeson, Dr C. F. C., collection 780
Beha, cuckoo clock, twin fusee 111
Beha, Johan Baptist, of Eisenbach
*Two Cuckoo Clocks by Johan Baptist Beha*, by Paul Buck 186-91
Beinn Bhreagh 474

Bell, Alexander Graham, portrait 262
Bell, Willington, St Laurence, 1670, by Tompion 318
Bell, Alexander Melville, portrait 475
bell founder
Brocard, of Lorraine 488
Cornille-Havard 489
Henderson, Thomas, of Edinburgh 110
Norton, of Stockton on Tees 510
Taylor, of Loughborough 506
bell, recasting 745
bell, Willington, St Laurence, 1670, by Tompion 318
Belle, de, of Paris 61
watch
no. 4403, Martin-style lever 66
no. 4732, Mudge-Emery-Robin escapement 60
Belmont House, Northern Section visit to 505
Benson, John, London engraver 214
Benson, J.W., turret clock, New College Oxford 398
Bergier le Jeune
clock, grande sonnerie repeat, Thiout escapement 262
Bergmiller, of Paris 60
Bernick, Jan, Amsterdam, enamel cased watch 345, 346
Berolla, Bartolomeo Antonio 697
Berry, repair marks 42
Berthoud, Ferdinand
longcase clock
equation of time 30
month going, year calendar, equation 128
Berts, Jonathan 392
*John Hyacinth de Magellan (1722-1790)*
*Part 2: The Early Clocks* 173-83
bevel, see gearing, bevelled
Big Ben, see Westminster, Great Clock
Bilston, enamel works 347
Bird, Clifford
meeting report 112, 264-5, 392-3, 659
obituary of Eric Sexton 696-7
*Paws for Time*, letter 525-6
*Tymperley's Clock Museum, Chester*, letter 803
*The Typhoo Metamec Clock*, letter 664
Bird, Derek, *Terry's factory, York*, clock, lecture 663
Bird, Michael, of London 447
Black and Murray, carriage clock 145
Black Forest clocks
*Cuckoo Clocks*, lecture by Paul Buck 514-15, 788-9
Blake, William, bell wheel maker 1625 745
Bloxham family, Rugby 94
Bloxham, Richard Rouse 95
Blundell, Joseph, of Dublin
bracket timepiece, hour repeat 587-8

Boney, Guy
portrait of 386
*Tompion: Clocks by Any Other Name*, lecture 386
Bonner, Charles, London engraver 214, 215, 216
book, see also book review
*Books by Kenneth Ullyett*, letter by Sean McEvoy 120
*Old English Clocks*, by F.H. Green
letter by J. Plowman 118-20
*Two Rare Books, (Green)*, letter, by Robert Cusins 118
book, advertised
*Horological Masterworks* 547
*Huygens' Legacy* 547
book review
Basaña, José Luis, *Relojes de Piedra en Galicia* 777-8
Branson, Tony, and Eisel, John C., *Herefordshire Clockmakers and Watchmakers* 778
Burge, Len, *Cornish Church Sundials*
Surveyed and Investigated 98-9
Cowham, Mike, *A Dial in your Pocket* 375-6
Ende, Hans van den, et al, *Huygens' Legacy – the Golden Age of the Pendulum Clock* 493-4
Engel, Thomas, *Thomas Engel, a modern Thomas Edison* 495
Harris, J Carter, *The Watch and Clock Makers*
*American Advertiser* 96-7
Linnard, William
*Charles Vaughan of Pontypool* 778
*Wales Clocks and Clockmakers* 377
Lynam, Ian P., *Railway Clocks* 376-7
Matthys, Robert J., *Accurate Clock Pendulums* 374-5
Moore, Dennis, *British Clockmakers and Watchmakers Apprentice Records* 1710-1810 97-8
Pagani, Catherine, *Eastern Magnificence and European Ingenuity – Clocks of Late Imperial China* 249-50
Thompson, David, *The British Museum Clocks* 646-7
Zantke, Hartmut, *Louis-Benjamin Audemars, His Life and Work* 644-6
Boo, Elizabeth, of Sutton in Ashfield
longcase movement made by Malkin 524
Booth (Barlow), see Barlow or Booth, Edward (1636-1719)
Bordier, Etienne and Jean, of Geneva 776
Bouguet, David, London, watch with enamel case 343
Bouhelier, of Jura 346
Bourbon, Francisco de Asis de, King of Spain 770, 773
Bouvier, Guillaume, of Paris, enameller
watch by Humbert, Les Frères & Pastres 617-18
Bowell, Samuel, watch casemaker
*Jones, Henry, of London* 227, 237
Boyer, Daniel 97-8
bracket clock, see also mantel clock; table clock
Barraud and Lund, timepiece 688
Blundell, Joseph, of Dublin 587-8
Bradley, Langley, of London, date dial in arch 423
Brewer, John, of London
ebony, skeleton chapter ring 307
Brockbank and Atkins, timepiece, rosewood 688
Brotheron and Thompson, of Dalkeith 11
Callowe, Harry 386
<table>
<thead>
<tr>
<th>Bracket Clocks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Delander, Daniel, of London</td>
<td></td>
</tr>
<tr>
<td>ebony, silver spandrels, ¼ chiming</td>
<td>135</td>
</tr>
<tr>
<td>Fromantel and Clarke, marquetry ¼ repeat alarm</td>
<td>310</td>
</tr>
<tr>
<td>Graham, George</td>
<td></td>
</tr>
<tr>
<td>ebony, ¼ repeat, rise and fall, strike/silent</td>
<td>554</td>
</tr>
<tr>
<td>no. 615, ebonised silver mounted</td>
<td></td>
</tr>
<tr>
<td>¼ repeat timepiece</td>
<td>417</td>
</tr>
<tr>
<td>Gray, Benjamin, and Justin Vulliamy</td>
<td>545</td>
</tr>
<tr>
<td>Johnson, William, Boulle case</td>
<td>519</td>
</tr>
<tr>
<td>Jones, Hannah, widow of Henry</td>
<td>218</td>
</tr>
<tr>
<td>Jones, Henry, of London</td>
<td></td>
</tr>
<tr>
<td>ebony</td>
<td>227, 228, 235, 237</td>
</tr>
<tr>
<td>ebony, ¼ repeating</td>
<td>233</td>
</tr>
<tr>
<td>ebony, ¼ repeating, alarm</td>
<td>238</td>
</tr>
<tr>
<td>ebony, Dutch striking</td>
<td>225</td>
</tr>
<tr>
<td>ebony, grande sonnerie</td>
<td>230</td>
</tr>
<tr>
<td>ebony, repeating</td>
<td>238</td>
</tr>
<tr>
<td>ebony, skeleton chapter ring</td>
<td>229</td>
</tr>
<tr>
<td>miniature</td>
<td>228</td>
</tr>
<tr>
<td>olive wood</td>
<td>219, 223</td>
</tr>
<tr>
<td>survey of known examples</td>
<td>218-39</td>
</tr>
<tr>
<td>walnut</td>
<td>224</td>
</tr>
<tr>
<td>Knibb, Joseph</td>
<td></td>
</tr>
<tr>
<td>early rack-and-snail striking</td>
<td>593-4</td>
</tr>
<tr>
<td>ebony ¼ repeat timepiece</td>
<td>551</td>
</tr>
<tr>
<td>ebony, Phase I, skeleton chapter ring</td>
<td></td>
</tr>
<tr>
<td>early rack-and-snail striking</td>
<td>594-6</td>
</tr>
<tr>
<td>miniature, Phase II grande sonnerie</td>
<td>541</td>
</tr>
<tr>
<td>walnut, ¼ repeating</td>
<td>553</td>
</tr>
<tr>
<td>Lowndes, Jonathan, ebony, ¼ repeat, striking</td>
<td>549</td>
</tr>
<tr>
<td>McCabe, James, lancet top</td>
<td>520</td>
</tr>
<tr>
<td>Massy, Henry, of London, turtle-shell, pull-repeat</td>
<td>494</td>
</tr>
<tr>
<td>Massy, Jacob, of London, ebony ¼ repeat striking</td>
<td>415</td>
</tr>
<tr>
<td>Mudge, Thomas, detached lever</td>
<td>259</td>
</tr>
<tr>
<td>Newton, James</td>
<td>30</td>
</tr>
<tr>
<td>Pyke, George, of London, automata organ</td>
<td>309</td>
</tr>
<tr>
<td>Quare, Daniel</td>
<td></td>
</tr>
<tr>
<td>ebony, rise and fall, strike/silent</td>
<td>520</td>
</tr>
<tr>
<td>no. 44, ¼ repeating timepiece</td>
<td>386</td>
</tr>
<tr>
<td>Quare, Daniel, and Stephen Horsemann</td>
<td></td>
</tr>
<tr>
<td>no. 229, ebony, ¼ repeat, date, strike/silent</td>
<td>694</td>
</tr>
<tr>
<td>Seignior, Robert, of London</td>
<td></td>
</tr>
<tr>
<td>¼ repeating, early rack striking</td>
<td>596</td>
</tr>
<tr>
<td>Smith, Gabriel, of Nantwich, timepiece, repeat</td>
<td>587</td>
</tr>
<tr>
<td>Stone, John, of Aylesbury, mahogany musical</td>
<td>679</td>
</tr>
<tr>
<td>Taylor, George, of Wolverhampton</td>
<td></td>
</tr>
<tr>
<td>perpetual calendar</td>
<td>297</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td></td>
</tr>
<tr>
<td>alarm, count-wheel strike, ¼ repeat (2×6)</td>
<td>335</td>
</tr>
<tr>
<td>ebony, rise and fall, strike/silent</td>
<td>519</td>
</tr>
<tr>
<td>'Medici'</td>
<td>442-3</td>
</tr>
<tr>
<td>'Mostyn'</td>
<td>442</td>
</tr>
<tr>
<td>no. 18, 'Tulip', grande sonnerie</td>
<td>438</td>
</tr>
<tr>
<td>no. 21 and 23</td>
<td>585-6</td>
</tr>
<tr>
<td>no. 36</td>
<td>676</td>
</tr>
<tr>
<td>no. 53, ebony ¼ repeating timepiece</td>
<td>693</td>
</tr>
<tr>
<td>no. 167, ebony</td>
<td>147</td>
</tr>
<tr>
<td>no. 203, ¼ repeating, ebony</td>
<td>17</td>
</tr>
</tbody>
</table>

Bracket Clocks, continued.

<table>
<thead>
<tr>
<th>Bracket Clocks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tompion, Thomas, continued</td>
<td></td>
</tr>
<tr>
<td>no. 367, ebony repeat</td>
<td>4-5</td>
</tr>
<tr>
<td>no. 375</td>
<td>812</td>
</tr>
<tr>
<td>olive wood, alarm, Knibb workshop?</td>
<td>334</td>
</tr>
<tr>
<td>pre-numbered, ebony, ¼ repeat timepiece</td>
<td>437</td>
</tr>
<tr>
<td>silver dual-control</td>
<td>442</td>
</tr>
<tr>
<td>no. 1188, tourbillon regulator</td>
<td>312</td>
</tr>
<tr>
<td>no. 21 and 23</td>
<td>585-6</td>
</tr>
<tr>
<td>no. 36</td>
<td>676</td>
</tr>
<tr>
<td>no. 53, ebony ¼ repeating timepiece</td>
<td>693</td>
</tr>
<tr>
<td>no. 167, ebony</td>
<td>147</td>
</tr>
<tr>
<td>no. 203, ¼ repeating, ebony</td>
<td>17</td>
</tr>
</tbody>
</table>

Bracket Clocks, continued.

<table>
<thead>
<tr>
<th>Bracket Clocks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tompion, Thomas, and Banger, Edward</td>
<td></td>
</tr>
<tr>
<td>no. 414, miniature striking repeating</td>
<td>536</td>
</tr>
<tr>
<td>Windmills, Joseph, of London</td>
<td></td>
</tr>
<tr>
<td>ebony, calendar dial striking, arms of Kings of Hanover</td>
<td>412</td>
</tr>
<tr>
<td>walnut, ¼ repeat</td>
<td>425</td>
</tr>
<tr>
<td>Wright, Thomas, 3-train</td>
<td>30</td>
</tr>
<tr>
<td>Bradley, Langley, of London</td>
<td></td>
</tr>
<tr>
<td>bracket clock, date dial in arch</td>
<td>423</td>
</tr>
<tr>
<td>longcase clock, walnut, seconds in arch</td>
<td>441</td>
</tr>
<tr>
<td>turret clock, Blenheim Palace</td>
<td>398</td>
</tr>
<tr>
<td>Bradshaw, Ewart</td>
<td>41</td>
</tr>
<tr>
<td>Braem, Jasper</td>
<td></td>
</tr>
<tr>
<td>case maker to, and tenant of, Tompion</td>
<td>331-2, 334, 441</td>
</tr>
<tr>
<td>Brandt, Louis, &amp; Freres, of Bienne</td>
<td>272</td>
</tr>
<tr>
<td>wrist-watch, minute repeating</td>
<td>118</td>
</tr>
<tr>
<td>Branson, Tony, and Eisel, John C.</td>
<td></td>
</tr>
<tr>
<td>Herefordshire Clockmakers and Watchmakers, review</td>
<td>778</td>
</tr>
<tr>
<td>Breguet, Abraham-Louis</td>
<td>62</td>
</tr>
<tr>
<td>astronomer's follower clock</td>
<td>789</td>
</tr>
<tr>
<td>carriage clock</td>
<td></td>
</tr>
<tr>
<td>calendar, lunar, and alarm</td>
<td>263</td>
</tr>
<tr>
<td>no. 3629</td>
<td>789</td>
</tr>
<tr>
<td>chronometer, marine</td>
<td></td>
</tr>
<tr>
<td>no. 428</td>
<td>789</td>
</tr>
<tr>
<td>no. 2741</td>
<td>789</td>
</tr>
<tr>
<td>Lépine and Breguet – Co-Workers or Master and Apprentice?</td>
<td></td>
</tr>
<tr>
<td>lecture by Adolphe Chapiro</td>
<td>655-6</td>
</tr>
<tr>
<td>lever escapement</td>
<td>55</td>
</tr>
<tr>
<td>longcase regulator, no. 3177, twin pendulum</td>
<td>312</td>
</tr>
<tr>
<td>maintel clock, no. 449, pyramid</td>
<td>313</td>
</tr>
<tr>
<td>montre à tact</td>
<td>476-7</td>
</tr>
<tr>
<td>pendule sympathique, no. 757</td>
<td>789</td>
</tr>
<tr>
<td>study visit to British Museum</td>
<td>789-90</td>
</tr>
<tr>
<td>table regulator</td>
<td>141</td>
</tr>
<tr>
<td>rosewood, gridiron, remontoire, jump hour</td>
<td>9</td>
</tr>
<tr>
<td>watch</td>
<td></td>
</tr>
<tr>
<td>no. 5, self-winding ¼ repeat</td>
<td>312</td>
</tr>
<tr>
<td>no. 1188, tourbillon regulator</td>
<td>312</td>
</tr>
<tr>
<td>nos. 45, 92, 160, 2727, 2784</td>
<td>312</td>
</tr>
<tr>
<td>nos. 2336, 2807, 4290</td>
<td>313</td>
</tr>
<tr>
<td>watch movement no. 2725?</td>
<td>685</td>
</tr>
<tr>
<td>watches</td>
<td>790</td>
</tr>
<tr>
<td>Brewer, John, of London</td>
<td></td>
</tr>
<tr>
<td>bracket clock, ebony, skeleton chapter ring</td>
<td>307</td>
</tr>
<tr>
<td>British Horological Institute</td>
<td></td>
</tr>
<tr>
<td>relationship with AHS</td>
<td>503</td>
</tr>
<tr>
<td>Wessex Branch, Brockles Park clock lecture</td>
<td>698</td>
</tr>
<tr>
<td>British Museum, see museum, London</td>
<td>822</td>
</tr>
</tbody>
</table>
Broadley, Paul ................................................................. 803
Brocard, P.A., Comtoise clock ........................................ 512
Brockbank and Atkins, timepiece, rosewood .................... 688
Brodie, Francis, *Traditional Brass Lacquering*, lecture .... 660-1
Broom, John, of Castle Combe
  longcase regulator, tidal dial ........................................ 115
Brotherhood and Thompson, of Dalkeith, bracket clock ...... 11
Brown, Henton, London
  watch, gold repoussé repeating ..................................... 644
Bruhl, Hans Moritz, Count von ....................................... 352
Buck, Paul, see also Thompson, David, and Paul Buck
  *Two Cuckoo Clocks by Johan Baptiste Beha*, lecture ...... 186-91
Buckler, John, architect and artist ..................................... 83
bullock family, of Wiltshire ............................................ 115
Bullock, J., maker of interval timer ................................... 435
Bundock, Mike, meeting report ....................................... 399
Burel et Cie, mainsprings signed by ................................... 39
Burge, Len, *Cornish Church Sundials Surveyed and Investigated*, reviewed ........ 98-9
Buschmann, Johann ...................................................... 646
Bute, 3rd Earl of ................................................................ 790
Buxton, David, dial restoration ......................................... 396
Buxton, Samuel, of Diss
  longcase clock, oak, posted frame movement .................... 392

C
Caffieri, bronze, on Ferdinand Berthoud longcase ............ 128
Calender, annual ............................................................. 667
Cat, longcase clock stopped by ........................................ 526
Caylus, Jean-François, portrait ......................................... 767
Cawdron, George, engraver ? of London ......................... 214
Ceulen, Phillip van, The Hague
  enamel cased watch ..................................................... 343, 344
Chapelle, Kenneth
Chapiron, Adolphe
  *Lépine et Breguet – Co-Workers or Master and Apprentice?*, lecture ........ 655-6
  *The Lever Escapement: The Unexplained Divergence of Developments on the European Continent and in England*, letter replying to Anthony Smith .......... 400-1
  *Chaplain*, letter replying to David Penney ...................... 410
Charing (Kent)
  clockmakers ............................................................... 575
  inventories ............................................................... 572-4
Charles III, King of Spain, portrait .................................. 445
Charlotte, Queen
  *George III and Queen Charlotte: Patronage, Collecting and Court Taste*, exhibition .... 29-30
Chapentier, P.A., of Paris, watchmaker ......................... 771
Chateau d’Écouen, see Écouen
Chemisard, of Bordeaux ......................................................65
Cheney, Robert, Chateau d’Écouen, ..................237
Cleare, William, apprentice of Henry Jones.......................742
Clarke, John, engraver ? of London ...................................214
Clark, James, of Edinburgh ...............................................110
Clement, William
chronograph, pocket
Dent, no. 30542 ............................................................70
White, Joseph, and Son, Coventry
no. 2286, minute repeating, split seconds ..............117
chronograph, wall-mounted
Peyer Favarger & Cie, of Neuchâtel, Hipp toggle....366-7
chronograph, wrist
Longines (E. Francillon & Co.), no. 2974692 ........137
chronology, lever escapement ..............................................72
chronometer, mantel, Mercer, Thomas, Ltd............391
chronometer, marine
Arnold and Dent
no. 839 .......................................................... 794
no. 1012 ..................................................................794
no. 1207 ................................................................794
Dent, E., no. 1771, glass balance and spring ..........436
Dismantling and Re-assembly, lecture by Jim Arnfield ...262
Leroy & Cie, Chronostat III ........................................ 364-5
Mercer, Thomas, Ltd, no. 19869 (survey) ..............794
Mudge, Thomas
no. 1 ...................................................................259
‘Green’ .................................................................411, 436
Westwood, of London, 8-day ......................................428
chronometer, pocket
Barraud, of London, no. 196 ..................................295
Barwise, of London, no. 8028, gold Lepine calibre ....419
Morice, David, of London, no. 185, gold ..........636-7
Pennington, Robert, of London, no. 182 ..........435
Chudleigh, Elizabeth, see Kingston, Duchess of
Churchill, Sir Winston, watch chain, reproduced ....392
Cipra, Jim, lecture report ........................................ 517-18
Cizl, Martin, of Strasbourg, theodolite, 1769 ..........606
clarinet, in C, made by John Warner ......................112
Clark, James, of Edinburgh .............................................110
Clarke, John, engraver ? of London ....................214
Cleare, William, apprentice of Henry Jones ...........742
Clement, William
A Longcase Clock by William Clement
at Maidstone Museum ....................................................654-5
making hands for ....................................................509
Clench, Richard, of Ludlow.................................749, 750
Clerke, Royal Exchange, London
longcase regulator, mahogany .................................130
clock, internal
Deacon, Samuel, longcase clock barrels ..............631-2
Clifford, Derry, meeting report ..........................794-5
Clifford, John R.
meeting report ............................................110-11, 263, 392, 506-7
clock, see alarm clock; astronomical clock; automaton clock; 
...bracket clock; carriage clock; electric clock; floral clock; 
...globe clock; Hague clock; lantern clock; longcase clock; 
...mantel clock; musical clock; nef; novelty clock; 
...organ clock; pneumatic clock; regulator; skeleton clock; 
...staatklok; strut clock; table clock; tavern clock; 
...travelling clock; turret clock; wall clock
Clock case restoration, lecture by James Hardie ....657
clock, largest? ..........................................................757-8
clock-watch, see watch, striking
Clockmakers, Worshipful Company of
apprentice rules ..................................................721
Arnold, new artefacts acquired ..........................313
collection .................................................................338, 615
dispute between Henry Jones and Robert Seignior .....194
dispute with Ahasuerus Fromanteel ..........................319-20
involvement in 18th century ..................................793
museum, visit ..........................................................387, 397
objection to Barlow’s patent application .................588-9
Silver collection, lecture by Colin Lattimore ........387
Spedell, Francis, clerk .................................................448
Tompion, Thomas ...................................................321, 438, 446, 447
The Year of a Master, lecture by Michael Smith ....503
Clockmaking in 18th and 19th centuries,
lecture by John Robey ...........................................395, 795-6
Clocks magazine, contribution of Rita Shenton to ...556-7
Clorinda, see Tancred and Clorinda
Closon, Peter, engraved frame for signature ............193
Cloutman, Dr Ed W. and William Linnard
Henry Williams, Llanitarvan, reviewed ............251
Clutterbuck, Stephen, shopkeeper to Tompion ....441, 447
Cochin, Daniel, of Paris, enameller .......................618
 Cockey, Edward, of Warminster .........................662
coffee houses, London, late 17th century ..........328
Cogniet, of Paris, lantern clock, (fake) ..............515
Cohen, David E., of New York, pawnbroker ....479
Colchester, information requested about clocks ....402
Cole, of Ipswich, dial clock (stolen) .................668
Cole, R., of Ipswich
drop-dial octagonal rosewood clock (stolen) ........668
Cole, Thomas, of London
desk clock, no.1600, in form of a mortar ............136
Coles, Brian, and Peter Powell, Repair of Worn Clock Pins and Pivots by Laser Welding ....480-4
collection
Beeson, Dr C. F. C. ..................................................780
Clockmakers, Worshipful Company of ................615
Moyse of Blois, skull watch .................................338
visit .................................................................387, 397
Colchester, Tymerpey’s Clock Museum ..............803
collection, continued.
Debruge Dumesnil .........................................................337
Dresden, Staatliche Kunstsammlungen.................................697-8
The Early Collectors – Watch and Clock Collecting
in the 18th and 19th Centuries,
lecture by David Thompson........................................502-3
Fellows, Sir Charles.........................................................602, 609-15
Fronteau, Maurice, auctioned ...........................................306
Morgan see Morgan, Octavius
Odmark, Albert, auctioned ................................................427
Sandoz, Maurice ...............................................................388
Time Museum, auctioned ...............................................432-6
Colley, Thomas, of London ................................................452
Collier, John, [of Ludlow] .................................................84
columns, twist, symmetry of............................................217
Compagnie Generale des Horloges Pneumatique............758-9
compass, Whitehurst, of Derby .........................................111
compensation, barometric pressure
 discussed in Matths’s book...........................................374-5
compensation, temperature
Ellicott, John, regulator .......................................................456-9
indication, Breguet, Abraham-Louis, table regulator..........9
pendulum, Ritchie type ......................................................8
survey of methods ............................................................315
Complicated Clocks, lecture by Ron Rose........791-2
Compesse, Louis (LC), case maker, watch
 Barwise no. 8028 ............................................................419
Comtoise clock
 3-train, Chevalier de Béthune escapement .................513
Brocard, P.A. .................................................................512
exhibition, at Schoonhoven ...........................................314
FM ............................................................................512
Condilliff, James, Liverpool
skeleton clock, chiming on 8 bells.....................................539
conservation, see also restoration
 Modern Practices in Conservation,
lecture by Ken Chapelle ...................................................658
Conyers, John, apothecary
hygroscope, assisted by Tompion ..............................324-5
Cook, Moses .................................................................355
Cornille-Havard, bellfounders .......................................489
Cornwall
 Cornish Church Sundials Surveyed and Investigated,
by Len Burge, review .....................................................98-9
Cornwall, Duchy of
 purchased (in 1826) Vulliamy clock no. 895 .............139
Coryndon, William ...........................................................246
Coster, Salomon, The Hague
 contract with John Fromanteel .................................555, 564, 566
 The Coster-Fromanteel Contract Re-examined,
by Fritz van Kersen .....................................................561-7
The Coster-Fromanteel Contract,
 Some More Notes on, by J. H. Leopold ..................568-9
The Coster-Fromanteel Contract,
letter by Keith Piggott ..................................................800
 The Coster-Fromanteel Contract – in Reply
letter by Frits van Kersen ...............................................800-1
letter by J.H. Leopold .....................................................801
‘secret’ .......................................................................562-3, 569
Coster, Salomon, The Hague, continued,
 contract with John Fromanteel, continued,
 transcription ..................................................................565, 567
Corinna, of Paris-Versailles, electric clock.......................516
Corrrell, Sir Charles, Tompion watch commissioned by...336
country clocks
 English Country Clocks, exhibition .........................780-1
 makers, list of interesting ...........................................781
Courvoisier, Frederic, of Chaux-de-Fonds,
carriage clock, grande sonnerie ....................................678
Cowham, Mike
 A Dial in your Poke, reviewed ...................................375-6
 A Lantern Clock with Three Dials .............................88-90
 meeting report .........................................................659-60
Cox, Ben, meeting report..............................................263-4
Cox, James
 The Amazing Clocks of James Cox,
lecture by Ian White .....................................................797-8
Dublin exhibition ............................................................703-4
museum and lottery ....................................................703-4
peacock clock ...............................................................699-715
Crabtree, Geoffrey C.
 John Mitchel, joiner and cabinet-maker, Kendal,
letter .......................................................................401-2
Crayle, Richard, of London, watch, tulip form ..............432-3
Cromwell, Oliver
 family arms and crest ..................................................612-13
watch associated with ................................................612-13
cross, pectoral .............................................................776
Crouch, Edward, of London .........................................386
crucifix, engraved in lantern clock dials ......................88-9
crucifix watch, see watch, crucifix
Crump, Richard, of Ludlow ...........................................749
Crump, Thomas, of Ludlow ..........................................750
Crump, William, of Ludlow ..........................................749
crutch, adjustable, Ellicott, John, regulator ...............458
crutch, Morse .................................................................357
cuckoo clock
Baha, twin fuse ............................................................111
Baha, Johan Baptist, of Eisenbach
brass movement with echo .........................................186-7
detail showing curious marking-out ..........................191
twin fuse wooden plated movement .........................188-91
Cuckoo Clocks, lecture by Paul Buck ...........514-15, 788-9
Cumming, Alexander
barograph clock ............................................................30
clock with large barrel organ ....................................790
regulator, wall, mahogany, gridiron pendulum ...........25
tavern clock .................................................................414
Curiosities of Public Timekeeping,
lecture by Chris McKay ..............................................656-7
Cusins, Robert
 Edward East, letter ......................................................525
 Two Rare Books, letter ..............................................118
Cuvier, Georges, naturalist ...........................................33
cylinder, interchangeable music
Deacon, Samuel, musical longcase clock ..................628-9
Czechoslovakia
 Two Czech Movements, letter by L.A. Wilson ...........121-2
D
Dance, Nathaniel, portrait of Thomas Mudge ............. 349, 350
Daniel, Hugh, of Ludlow ........................................ 749
Daniell, William, of Ludlow .................................... 749
Daniels, George
Tompion’s Two-Train Grande Sonnerie Mechanism .. 370-3
work on Le Roy watch no. 4757 ........................... 53
Darken, Dr Jeff...................................................... 743
book review .................................................. 251, 376-7, 495, 778
Detailed notes on Samuel Deacon’s musical clock of 1790 ............ 537, 619-35
editorial
A Brief Analysis ...................................................... 311
Change at the Top .................................................. 151
Curiosities and Complexities ................................. 27
‘Like he Fromanteel has already made some’.............. 555
Movement [automata] .............................................. 695
In our care ................................................................ 431
For your further reading ................................. 124, 405-6, 532, 671, 805
The Index .............................................................. 258-9
meeting report ................................................ 510-13
oldbaileyonline and Mudge no. 376, letter ............... 528
Percy Dawson Medal ............................................. 653
Prior Numbers, letter .......................................... 122
Weight-driven Wall Clocks, lecture .......................... 113-14
Darken, Dr Jeff, and Tom Spittler
Henry Iredale at ye Bell in Lostbury Fecit ............. 485-7
Darow, Thomas, engraver ? of London .................... 214
David, Jacques
American and Swiss Watchmaking in 1876, reviewed ........................ 251
Davis, John
Francis de la Balle, Equation of Time Table, letter ..... 668
Davis, Keith
Hand Making, lecture ......................................... 508-9
meeting report ........................................... 660-1
restorer ......................................................... 654
Dawson, John, engraver ? of London ....................... 214
Dawson, Percy G., medal, see Percy Dawson Medal
Dawson, restored Ebsworth case .............................. 271
Dawson, Robert, of Alford ...................................... 97
Day, Isaac, engraver ? of London ............................... 214
de la Garde, see la Garde ....................................... 214
de Save, S.B. (Brian), meeting report .............. 259-60, 386, 502-3
Deacon, Samuel, musical clock of 1790
Detailed Notes on ..., by Jeff Darken ...................... 537, 619-35
Four-train Musical Clock by Deacon, 1790 .............. 1, 78-82
signature ................................................................. 80
Deal, Kent
Time Ball Museum ................................................ 505
Time Ball Tower .................................................. 559-60
Dean, George, London engraver .............................. 214, 216
Debaufre, jewellery patent .................................... 529
Debruge Dumesnil Collection .............................. 337
Delance, James, of Downton
longcase clock, walnut and seaweed marquetry .......... 661
Delander, Daniel, of London
bracket clock, ebony, silver spandrels, ¼ chiming .. 135
repeat, hour ........................................................... 587
Dent
 carrier clock .................................................. 538
inclined plane clock ........................................... 112
watch
no. 30542, chronograph ....................................... 70
Robin’s escapement ............................................. 71
Dent, E. J.
carriage clock .................................................. 538
chronometer, marine
no. 1771, glass balance and spring ....................... 436
resilient lever ...................................................... 67
watch, no. 6195 ..................................................... 507
Dent, F.,
carriage clock, chronometer timepiece .................. 538
Derbyshire Clocks, lecture by John Robey ............ 262-3
Deereham, Norfolk, see Metamec
Derham, William
on Huygens’ invention ......................................... 563, 565
on invention of repeating clocks ......................... 588-9
Dering, Finch, of Charing, inventory of 1625 .......... 572-3
Dernière, of Paris ...................................................... 50
desk clock, Cole, Thomas, of London, no. 1600 ........ 136
Destaques, John, London engraver ......................... 214
Deutsche Gesellschaft fur Chronometrie .................. 388
The Development of the Longcase Clock,
lecture by Michael Legg ........................................ 504
dial, 24-hour
Weydmann, Lucas, of Krakow, tabernacle clock, 1648 .......... 609
dial, astrolabic
Starck, Thomas .................................................... 360-1
Tompion, Thomas, longcase clock ....................... 333, 336
dial, Babylonian and Italian hours
Starck, Thomas ..................................................... 360-3
calendar, see also watch, calendar
Andrews, of Dover, cartel clock ............................. 518
Bradley, Langley, of London
bracket clock, in arch ......................................... 423
Courvoisier, Frederic, of Chaux-de-Fonds
bracket clock ...................................................... 678
Deander, Daniel, of London
bracket clock, ebony, ¼ chiming, in arch .......... 135
Quare, Daniel, and Stephen Horsemansen
no. 165, longcase, in arch .................................. 687
no. 229, ebony bracket clock, in arch ............. 694
Sarton, Hubert, skeleton clock .............................. 427
centre aperture in white dial ................................ 519
Windmills, Joseph, of London, in arch .......... 412
dial, centre-seconds
Breguet, Abraham Louis, Paris, table regulator .... 140
Gaskell, Thomas, of Knutsford
longcase clock, 3-month .................................... 294, 692
Pouzait, Jean-Moise, of Geneva, watch .............. 56
Topping, John, astronomical longcase clock .......... 388

Antiquarian Horology 826
dial, day of week
Deacon, Samuel, musical clock.................................630
Stark, Thomas....................................................360-3
dial, Dominical letter
Naylor, John, of Nantwich (and London) ........74, 75
Stark, Thomas....................................................360-1
dial, Epact, Naylor, John, of Nantwich (and London) ...74, 75
dial, fifteen minute, Street, Richard, London, watch........793
dial, four hour, Franklin’s
Magellan, John Hyacinth de
longcase clock .....................................................174-6
wall clock ..........................................................180
dial, four minute
Breguet, Abraham-Louis, watch no. 1188..............312
dial, hour centre rotating
Malkin, of Kirkby (in Ashfield)
longcase clock .....................................................368-9, 514
dial, jumping-hour
Breguet, Abraham-Louis, table regulator ..................9
dial, lunar, see lunar indication
dial, moon, apogee and perigee
Naylor, John, of Nantwich (and London) ........74, 75, 76
dial, Nuremberg hours, Stark, Thomas ....................360-3
dial, on three sides, anonymous, lantern clock ..........88-90
dial, on four sides
Mark (Marc?), Henri, of Paris, table clock.................262
dial, oval
Deacon, Samuel, musical longcase clock.................1, 78, 632-4
Jones, Henry, of London, watch...........................129, 226
dial, planisphere
Naylor, John, of Nantwich (and London) ........74, 75, 76
dial, regulator-style on watch
Emery, Josiah, of London, no. 957, early lever .........434
Kendall, Larcum ..................................................308
Tompion, Thomas, Cottrell watch..........................325
dial, rise and fall regulation
Andrews, of Dover, cartel clock............................518
Delander, Daniel, of London
bracket clock, ebony, ¼ chiming..........................135
Ellicott, John, regulator ........................................456-9
Graham, George
bracket clock, ebony, ¼ repeat, strike/silent.............554
Quare, Daniel, bracket clock, ebony, strike/silent......520
Tompion, Thomas
bracket clock
ebony, strike/silent............................................519
no. 167, ebony ..................................................147
no. 203, ¼ repeating, ebony ................................17
no. 375, ................................................................812
'Sussex' .............................................................155, 156-7
Tompion, Thomas, and Banger, Edward
bracket clock
no. 414, miniature striking repeating......................536
dial, seconds
at 3, Barwise no. 8028, pocket chronometer.............419
in arch, Bradley, Langley, of London, longcase clock..423
divided into 100 ....................................................94
independent stop ...................................................312
numbered in 4s .................................................295
dial, six hour
Jones, Henry, of London........................................218
dial, skeletonised chapter ring
Brewer, John, of London, bracket clock..................307
Jones, Henry, of London
bracket clock, ebony ............................................221, 229
longcase clock ....................................................226
Knibb, Joseph, bracket clock..................................595
Pryor, Joseph, of Liverpool, night clock..................218
dial, sunrise and sunset
Naylor, John, of Nantwich (and London) ..........74, 75
dial, three-minute, Ferguson’s...............................178
dial, tidal
Broom, John, of Castle Combe, longcase regulator....115
Naylor, John, of Nantwich (and London) ..........75, 76
Quarman, Samuel, of Temple Cloud
longcase movement ...............................................662
dial, touch pins, see also montre à tact
Bayes, John ..........................................................477
Gheele, Ghylis van, watch..................................611, 612
Taylor, Thomas, of Holborn .................................478
dial, up-and-down
Breguet, Abraham-Louis
no. 5, self-winding watch .......................................312
no. 1188, tourbillon regulator .................................312
Diana and Acteon, depiction of............................339
Dick Lauder, Sir Thomas, Bt..................................338
Dido and Aeneas, depiction of...............................343, 344

dingwall-Beloë lecture
Fifteenth, by Jeremy Evans.................................336
Sixteenth, by David Penney, advertised ..................304
Dinnis, Francis, London engraver ..........................214
Distribution of Time, lecture by Martin Ridout........521-2
Ditchfield, Richard, London engraver .....................214
Dixon, of Norwich, turret clock ............................393
Dobson, R.D. .....................................................568
Dodd, Elisha, London engraver .............................214
Dondi, Giovanni de, Making a replica of Dondi’s
Planetarium, lecture by Don Unwin .....................659-60
Done, John, of Ludlow, see Dunne, John, of Ludlow
Donisthorpe, Joseph .............................................635
door, longcase, unusual moulding ..............................91
Doppelmayer, Johann Gabriel, FRS
attributed invention of watch to Henlein..................616
Downing, Humphrey, engraver of London ...............214
Drachman, Simon ................................................192, 214
drawing instruments, see instruments, drawing
Dresden, Kunstkammer, as described in inventory ...605
Dreyfus Affair ......................................................756
Driscoll, Clive, meeting report ..............................265-6
Droeshout, John, London engraver .........................202, 214, 225
Drolling, Michel-Martin........................................769
Drumlanrig Castle, visit .........................................387-8
Dubar, J., doctor, of Ostend .................................32-3
Duhamel, Pierre, of Paris .......................................776
Duley, Anthony J. (Tony), meeting report ...............266
Dunville, John, of Alderley, longcase dial .................87
Dunne, John, of Ludlow .......................................747
Dunster, Roger, musical clock .............................516
Dunthorne, Richard.................................................................95
Durant, Jean-Louis, Geneva, enamelled watch case...343, 344
Durham, Mike, A Journey through Time, lecture.........110-11
Dutten, Matthew .................................................................528
Dutton, William and Sons
  longcase clock, mahogany, date in arch...................133
Dutton, William, of London, interval timer.................435
Dwerrihouse and Ogden, mantel clock, rosewood.........301
Dwerrihouse, of London
  longcase clock, architectural mahogany case ............13
Dylowe, Richard.................................................................745

**E**

  eagle, watch plate shape, John Smart’s patent?.............59, 60
Earnshaw, Miss..................................................................313
East, Edward, of London..................................................740
  ‘East School’ clocks, letter by Michael Hurst.............529
  Edward East, letter by Robert Cusins.......................525
  portrait of (believed) ..................................................321, 525
  possible part in Tompion’s career ..............................319
Easter, date of, on dial
  Naylor, John, of Nantwich (and London) .................74, 75
  Écouen, Musée de la Renaissance, nef or ship clock .....605
Edison, Thomas Alva..........................................................756
  editorial
    Darken, Dr Jeff
      A Brief Analysis ..................................................311
      Change at the Top ...............................................151
      Curiosities and Complexities .................................27
      ‘Like he Fromanteel has already made some’ ..........555
      Movement ..................................................................695
      In our care ................................................................431
Edwards, Ernest L...............................................................568
Edwards, Percy, and Co / Charles Hector Golay, of London, watch, no. 2232, pocket, minute repeating, perpetual calendar, lunar indication..................7
electric clock, see also master clock
  Cotna, of Paris-Versailles ...........................................516
  Gillett and Johnston, at Watford Town Hall..............799
  Leroy & Cie, Chronostar III .......................................364-5
Elektronom, pneumatic clock............................................762-3
elements, four, engraved depiction ..............................74, 75
Elgin Watch Company.......................................................261
Elkins, see Windmills and Elkins, London
Ellacombe chime mechanism...........................................746
Ellicott, John
  longcase regulator, mahogany .................................456-9
  watch, equation, made by Mudge .............................260
Elliott’s, of Hastings
  longcase clock, three-train tubular bell ....................266
Ellis, Richard, engraver ? of London .........................214
Ellison, Timothy, and Henry Fishwick, casemakers .......682
EM, Matthews, Edward, watch case maker....................7
Emery, Josiah, of London.............................................173, 174
  lever escapement ......................................................53, 55
  watch no. 661 ...............................................................53
  no. 957, early lever ....................................................434
  enamelled watch cases, see watch, enamelled
Ende, Hans van den, portrait of.....................................511
Ende, Hans van den, et al, Huygens’ Legacy – the Golden Age of the Pendulum Clock, reviewed ..........493-4
Engel, Thomas
  Thomas Engel, a Modern Thomas Edison, reviewed ....495
  engine turning
    Engine Turning, lecture by John Moorhouse ..........659
  engraver
    ‘cut stem’ ............................................................202-12, 215
    ‘daisy’, Bristol, Somerset, and Wales .....................251
  Droeshout, John, of London ........................................202
  Fanniere, François-Auguste & François-Joseph-Louis ....769
  Holding, John, of Kendal ...........................................793
  ‘rosette’ .................................................................204, 205-6, 209-11, 215
  engravers to Henry Jones .............................................213-16
  engraving
    on early 17th century clocks .................................192-3
    Henry Jones, by C. Stuart Kelly
      Part III: The Engraving on his Clocks ....................192-217
ephemera
  Dingwall-Beloe lecture by David Penney .................304
  epitaph........................................................................248
  ‘Peter Pendulum’, in Banneker’s Almanac 1797 ............247
  Routleigh, George, of Lydford .................................246
  equation of time, indication
    Berthoud, Ferdinand, longcase clock .....................30
    Tompion, Thomas, longcase clock ..........................30
  equation of time, table
    Balle, Francis de la, letter .................................668
    Knibb, John ...........................................................119
    provided for Tompion ..............................................119
  escapement
    Amant pin-wheel ...................................................183
    Chevalier de Béthune ..............................................513
    constant force, Breguet, Abraham-Louis ..................313
    coup perdut detent .................................................435
    cylinder, Kendall, Larcum ......................................558
    dead-beat, Ellicott, John .......................................459
    Debaufre’s ..........................................................529
    Deshayes single-tooth ...........................................111
    detent, Earnshaw type ...........................................435
    Morice, David, of London, watch no. 185 .............637
    escape wheel, unusual ‘bent’ tooth form .................265
    grasshopper
      Harrison, Brocklesby Park ....................................698
      Harrison, John and James .....................................433
      skeleton clock ....................................................792
    gravity, double three-legged ..................................752
    lever see escapement, lever
      London Patent Chronometer .................................58, 71
      Ormskirk ..............................................................682
      Patent Union Chronometer .................................58, 71
    pin lever, Parisian, 1810-15, three pin ..................64
    pin lever, Perron/Pichon ........................................64
    pin-wheel lever, watch, Le Roy, Bazile-Charles, of Paris 62
    rack lever ..................................................................752
    Litherland, Peter ....................................................58-9
escapement, continued.
Robin’s .................................................. 58
watch, Dent, London ........................................ 71
watch, Robin, Robert, the son, no. 48 .............. 61
ruby cylinder .................................................... 766
Tompion/Booth/Houghton, tenterhook/virgule ...... 439
Tompion, Thomas, dead-beat, for Sir J. Moore ..... 327
Townley/Tompion ........................................... 801-2
Greenwich year timepieces .............................. 327
longcase clock, year-going .................................. 664
verge
and foliot .......................................................... 241
lancet clock, with three dials                        88, 89
Thiout type, Bergier le Jeune ........................... 262

escapement, lever, continued.
Savage, George ........................................... 60
self-balanced .................................................. 71
Seyffert, Johann-Heinrich ........................................ 54
single roller .................................................. 66, 67
straight-line .................................................... 69
straight-line double table roller ............................. 65
Swiss or self-balanced lever ............................... 71

Essex, Earls of .............................................. 355
Ester, Henry, of Geneva, watch, tulip form ............ 613-14
Ettry, Joel, of Horton, longcase clock, 30-hour .......... 661
Evans, Gareth ............................................... 244
Evans, Jeremy .................................................. 743

Monstrance Table Clock, Thomas Starch, 1620 ........... 360-3

Thomas Tompion at ‘The Dial and Three Crowns’
Part I .......................................................... 316-36
Part II .......................................................... 437-52
Tompion’s Apprenticeship, letter ............................ 667
Undiscovered Tompions, letter ............................. 801-2

Everest, Edward, apprentice of Henry Jones ............. 722
Evesham Abbey, quarter jack ............................... 747, 748

exhibition
Apeldoorn see Huygens’ Legacy
Breguet at the Hermitage, St Petersburg .............. 312-14
Comtoise Clocks, Schoonhoven ............................ 314

Dutch Domestic Clocks the English Way, advertised .... 315

English Country Clocks 1600-1800, Oxford,
Museum of the History of Science ....................... 780-1
George III and Queen Charlotte: Patronage, collecting
and court taste, Buckingham Palace .................... 29-30

Huygens’ Legacy, Het Loo .................................... 511-12, 516, 785
advertised ......................................................... 31, 152, 314
book, reviewed ................................................... 493-4

Industrial Time Recorders from the Black Forest,
Villingen-Schwenningen ..................................... 698

The Measurement of Time, Trento ........................ 697

Princely Splendour: The Dresden Court 1580-1620,
Somerset House ............................................... 697-8

F
Facio, Nicolas, jewellery patent ........................... 529

Falconer, G., and Co., of Hong Kong, research request 668

Fanniere, François-Auguste and François-Joseph-Louis,
sculptors, engravers, and goldsmiths ................. 769, 771

Fehrenkemp, Frederic, thief .................................. 528

Fell, A. & M. Ltd .................................................. 28
Fellows, Sir Charles ............................................ 610, 613
collection ......................................................... 602, 609-15

Ferguson, James
Astronomy Explained ......................................... 794
portrait of .......................................................... 175

Select Mechanical Exercises .............................. 174, 176, 178
three-wheel clock, design for .............................. 176-8

Magellan, John Hyacinth de, examples .................. 178-83

Ferment, Philippe, London engraver ...................... 214
Ferris, Francis, shopkeeper to Tompion ................... 441

Field, see Maudsly, Sons, and Field

ANTIQUARIAN HOROLOGY
829
Fifty Years in the Trade, lecture by 'Robbie' Gordon........109

Fifty Years in the Trade, lecture by 'Robbie' Gordon

film
Parker, Daniel, video British Clocks 1600-1850..........659
Unwin, Donald. The Replica...........................................659
The Thingmaker..........................................................659
Fincham, Robert, goldsmith, inventory, 1674........330
Flamsteed, John
Greenwich clock train and escapement, sketch........327
letter to Richard Towneley........................................327
Fleet Street, view by Tallis, 1838...............................331

Flint, William, of Ashford.........................................578
Flint, William, of Charing...........................................575, 578
floral clock, Saint Louis..............................................757-8
Florence
Il Fornino d’Oro
conferred on Sir Arnold Wollendale.........................501
Observatory, La Specola
Magellan clock from.....................................................176-82
fly
tree-bladed...............................................................537, 627
worm-driven..............................................................537, 627, 713, 714
foliot
Cotethele.................................................................241
Dover Castle...............................................................241
The Foliot Turret Clock at Llanthony,
by William Linnard.....................................................240-4

For your further reading
ANCAHA Bulletin.......................................................805
Bulletin of the British Sundial Society.........................406, 671
De Klokkenkoerier......................................................123, 404, 530, 669, 804
Houlogerie Ancienne.................................................531, 804-5
Horological Journal.....................................................124, 406, 671, 805
Horological Science Newsletter.................................669-70
Horological Times.....................................................405-6, 532
Klassik Uhren.............................................................123-4, 531-2, 670-1
NAWCC Bulletin..........................................................406, 671
Tijdchrift.................................................................530
form watch, see watch, form
Foster, Samuel, Miscellanies, 1659.........................329
four elements, engraved depiction.............................74, 75
400-day clock, Scharz, August..............................516-17
Fox, John.................................................................748
Frampton, Derek, meeting report................................397
France, Empress Napoleon III of, Countess Teba............769
Franklin, Benjamin, four-hour dial.........................174-6
Franks, Augustus Wollaston.....................................603
Frodsham, Charles
watch, gold open-face keyless, no. 09874.................543
Frodsham, Harrison Mill, watch case maker
Charles Frodsham no. 09874.......................................543
Froissart, Jean..........................................................647
Fromanteel, Ahasenus.................................................563, 567, 568
letter, March 1656/7 to Clockmakers’ Company..319-20
possible part in Tompion’s career..............................319-20
Fromanteel and Clarke, of London
bracket clock, marquetry ¼ repeat alarm....................310
Fromanteel, John........................................................567
contract with Salomon Coster see Coster, Salomon

Fronteau, Maurice
collection, auctioned..................................................306
Frost, Jonathan, of Taunton, advertised for wife, 1805....802
fusee engine, Wyke and Green, no. 101....................110
fusee, English and Continental use of.......................60
fusee, reversed, Street, Richard, watch......................793
F.W., Czech, quarter repeating movement................122

G

Galicia, Basanta, José Luis
Relojes de Piedra en Galicia, reviewed.........................778
galvano-magnetic clock, Shepherd, of Deal..................560
Gambon, Michael.......................................................264
Gancarczyk, Jerzy
Electronic Newsletter for the Canadian Section, letter....117

Gardner, Ambrose, of London.................................445
mark AG..................................................................445
Gardner, Obadiah, of London.................................452
Gascoyne, Patience (alias Cook, alias Fox)...................451
Gaskell, Thomas, of Knutsford
longcase clock, three month.................................294, 692

getting pallet, development of.................................590
gearing, bevelled
Deacon, Samuel, longcase.................................537, 626-7
Peacock clock............................................................715
gearing, cardboard....................................................793
gearing, contrate
Deacon, Samuel.........................................................81, 82
lantern clock, with three dials...................................89
gearing, swash teeth...................................................589-90
gearing, wolf’s teeth
Jürgensen, Jules, of Copenhagen.............................184-5
used by Lépine...........................................................656

gearng, worm-driven, fly
longcase clock by Deacon.................................537, 626-7
Peacock clock............................................................713, 714

Gemmill, Mr J.C............................................................653
Gent, Eric.................................................................42
repair marks...............................................................42
Gent (of Leicester)
Gents of Leicester, lecture by Colin Reynolds.............794
Pulsynetic clock
Deal, Time Ball Tower.................................559-60, 626-7
external factory clock, for sale.................................407
turret clock, Watford, St Mary’s..............................799

George III
cipher, on repeating watch by Louis Recordon............30
directions for mounting a watch.........................29-30
George III and Queen Charlotte: Patronage,
collecting and court taste, exhibition....................29-30
portrait of.................................................................29

GH, watch, stackfreed, alarm, c. 1580.........................609-10
Gheelee, Ghylis van, watch, dated 1589....................611-12

Gibbens, Declan, Lantern clocks, lecture.................397
Gibbons, Michael
cataloguing at Maidstone Museum..........................654
Gunmetal – Oxidised steel watch cases, letter...........528
meeting report ..........................................................796-7

Antiquarian Horology
H

Graves, Benjamin, London engraver .......................... 214
Graves, James, London engraver .............................. 214, 215, 216
Gray, Benjamin, and Justin Vulliamy
  bracket clock, striking ........................................ 545
Gray, John, of London ........................................ 445
Great Fire of London ........................................ 316
  map of .................................................................. 317
  rebuilding after ............................................. 322
Greaves, Ian, *Watch Jewellery – a Request*, letter .... 529
  Green, Francis .................................................. 118
Green, Francis Herbert
  letters to Mr Stitt .................................................. 119
  *More on F.H. Green*, letter by Phil Green ............ 271
  *Old English Clocks*, by F.H. Green
  letter by J. Plowman ........................................ 118-20
  portrait of ......................................................... 118
Green, Frederick John ................................................ 118
Green, Phil, *More on F.H. Green*, letter ................. 271
Green, William, of Milton-under-Wychwood
  wall clock ......................................................... 111
Greene, James, apprentice of Henry Jones .............. 722
Greenwich Observatory, see observatory
Green, Phil, *More on F.H. Green*, letter ................. 271
Green, Frederick John ................................................ 118
Greene, William, of Milton-under-Wychwood
  wall clock ......................................................... 111
Gregg, Francis, repeat, hour, with all-or-nothing .... 587
Gregory, Jeremy .............................................. 740, 741
  workforce ........................................................ 741
Griffin, Nicholas, watch ........................................... 346-7
Gribelin, Simon, London engraver .......................... 214
  grid iron pendulum, see pendulum, gridiron
Griffiths, John
  *The Lancashire Watch Company*, lecture ............. 792
  *The Lancashire Watch Company: tools and production methods*, lecture .... 385-6
  portrait of ......................................................... 385
Grignion, Daniel and Thomas, of London .............. 173, 174
  Grimthorpe, Edmund, 1st Baron
  Grimthorpe Conference – AHS Turret Clock Group
  notification ......................................................... 383
Gulbenkian, Calouste Sarkis .................................. 48
  gunmetal
  Gunmetal – Oxidised Steel Watch Cases,
  letter by Michael Gibbons ................................. 528
  watch cases ......................................................... 393
Guryev, Mikhail, *The Hermitage Peacock Mechanism* 711-15
Gwilym, Dafydd ap, poem by .................................. 243

H

H P & Co, movement, apparently French .................. 402
Haage klok, see Hague clock
Haas, Phillip & Sohne, alarm clock .......................... 112
Habrecht, Isaac, automaton clock ............................. 33-4
Hadley, Humphrey, of Birmingham ......................... 402
Hague clock, Pascal, Claude, grande sonnerie ......... 601
Hahn, of Paris ..................................................... 64
  half-hour markers, ‘twisted leaf’ ......................... 87
Hall, Humphrey, blacksmith [of Ludlow] ............... 748
Hampson of Wrexham ......................................................576
Hamilton Watch Company...............................................261
Hamburger, introduced at St Louis World Fair..................758
Hamilton, Thomas, of Maidstone........................................576
Hampshire, John ..............................................................722
hands, fastening of
Tompion, Thomas, longcase clock, no. 145 .......................465
hands, setting
Jürgensen, Jules, of Copenhagen, watch, no. 10672 .......184
Hanover, Kings of, coat of arms
Windmills, Joseph, of London, ebony bracket clock.......412
Hardie, James ('Jim')
Clock Case Restoration, lecture.................................657
Wood Finishing, lecture ...................................................791
Harding, Keith, A Life in Horology, lecture.................107-8
hardness, of pinions and pallets ..................................483-4
Harper, Henry, of London
longcase clock, month marquetry .............................526-7
Harries, George, of Fritwell, lantern clock, key-wound ...689
Harris, J Carter, The Watch and Clock Makers
American Advertiser, reviewed ......................................96-7
Harrison, James of Hull
turret clock, Chapel Stile, Elterwater ............................269
Harrison, John
Brocklesby Park clock ..................................................698
H2 replica on exhibition ............................................698
H3 replica, made by Don Unwin ................................659
Harrison, John and James, longcase clock .......................433-4
Hartnack, E. – A Prazmowski Paris, heliostat ...............516
Harvey, Laurence
Wife Wanted [by Jonathan Frost], letter.......................802
Hatfield, Frederic, of London .........................................528
Harttari, Kintaro ...............................................................116
Hautefleure, Abbé de, lever escapement .......................52
Havord, John, [of Ludlow] .........84
Hawting, John, of Oxford, turret clock, Trinity College ...398
Hayton, Sue, Robert Mann Louise, lecture ....................269-70
hearth tax,..........................................................572
heliostat, Hartnack, E. – A Prazmowski Paris ...............516
Hemmings, of Bicester, turret clock, Ditcheley Park ....398
Henderson, Thomas, of Edinburgh, bell founder .............110
Heleisen, Peter, of Nuremberg
invention of watch attributed to ..................................616
Hepleston, Peter, portrait of ............................................113
Herefordshire
Herefordshire Clockmakers and Watchmakers, Branston, Tony, and Eisel, John C., reviewed .................778
Hermitage, St Petersburg, see museum
Hertford, 4th Marquess of ...........................................44
Het Loo, see also Huygens' Legacy; museum, Apeldoorn
history, and view c. 1700 ..............................................31
Higgenson, George Joseph, of London
musical and 'sing-song' retailer ...................................176
Higgs, Thomas, Deacon at Ludlow .................................749
Hilderson, John, of London
engravers, different, who worked for ......................200
Hill, Charles, Art and Antique Recovery, lecture...........794-5
Hindley, Henry, of York, used internal rack .................600
Hindley, of York
longcase clock, oak, 8-day, internal gravity rack.........407
Hipp, Matthäus
chronoscope, recovered ...........................................116
contribution to horology and telegraphy .................366-7
Hipp toggle .................................................................367
Histoire d’Aplan, enamelled watch case ......................343
Hitz, John, Swiss Consul-General to USA .................475-6, 478
Hodgson, Brynn, meeting report .................................107, 789-90
Holden, John, of Kendal, see Holding, John, of Kendal
Holding, John, of Kendal, longcase clock, 30-hour .......793
Holloway, William, of Stroud, lantern clock .................114
Holmes, John, London
Holmes Watch in a Highland Postbag, letter ...........120-1
watch, no. 6554 .......................................................120-1
Honer, Johan, in Bechin, alarm movement .................121
hood, rising
Tompion, Thomas, longcase clock, no. 145 ...............469-70
Hooke, Robert .............................................................326
Animadversions, showing Tompion quadrant ...............324
contribution to rack striking .....................................589-90
diary references to Tompion ..................................326, 328, 329
lodgings in Gresham College ........................................328-9
Hooper, John, Recent Horological Finds, lecture ..........398
Horological Masterworks, catalogue, advertised .......547
Horological News ...28-31, 152, 312-15, 432-6, 556-60, 696-8
Horsemanship, Stephen, see Quare, Daniel, & Stephen Horsemann
Hosier, John ...............................................................745, 746
Hosokawa, document (1796) on Japanese clocks .........396
Houghton, Jas, of Ormskirk, watch, no. 1106, silver .......682
Houghton, William, of Park Hall, Charnock Richard .......592
Houlden, John, of Kendal, see Holding, John, of Kendal
hours, Japanese ..........................................................396
hours, oriental systems of ............................................395
Houtkooper, W., note of death ....................................404
Howell, John ..............................................................399
HP & Co...........................................................................526
Huaud le Puisné, Geneva, enamelled watch cases .........343
Humbert, Les Frères & Pastres, de Paris
watch no. 424, enamelled ............................................617-18
Hurst, Michael
book review .................................................................646-7
'East School' Clocks, letter .........................................529
Thomas Tompion, letter ............................................525
Hutchinson, Robin, meeting report ............................794
Hutton, William, clockmaker ........................................173, 174
Huygens, Christiaan ......................................................516
Huygens, Constantyn ......................................................516
buys Tompion ring dial ............................................440
buys Tompion ring dial ............................................440

Antiquarian Horology
832
Huygens, Constantyn, continued, 
journal .................................................................444-5
Huygen's Legacy (Opwinde Klokken: 
De Gouden Eeuw van het Slingergewerk)
book, advertised ..................................................547
book, reviewed .....................................................493-4
exhibition, Palace Het Loo, Apeldoorn, Netherlands, 
Sept 10 – Nov 28 2004
advised ..............................................................31, 152, 314
visit .................................................................511-12, 516, 785
Hynam, Robert, clockmaker to Catherine II of Russia ....710

I
I.B., German engraver ..............................................454
Ickwell Green, cottage, Tompion's birthplace? ..........318
Illinois Watch Company ...........................................261
income, levels in 1688 ..............................................577
Industrial Time Recorders from the Black Forest,
exhibition .............................................................698
Ingold, Pierre Frédéric ..............................................392
instrument making, in eighteenth century ...............173
instruments, drawing
Volckmer, Tobias, of Brunswick, 1583 .................606
insurance clock ......................................................504
International Time Recording Company
master clock, Deal, Time Ball Tower ...............559-60
interval timer, Dutton, William, of London ..435
inventory
Charing (Kent) .....................................................572-3
Fincham, Robert, London goldsmith, 1674 ........330
Iowa, pneumatic clock ...........................................757
Iphigenia, Sacrifice of, depiction of ....................346
IR, case maker, watch ..........................................122
Ireland, Henry, of London
Henry Ireland at ye Bell in Louthbury Fecit, 
by Jeff Darken and Tom Spittler .........................485-7
lantern clock .....................................................485-7
Irvine, Phil ..........................................................399
Isabel, à Rouen, watch, no. 3541 .........................61
Isabella II, Queen of Spain ..................................769-70

J
Jaccotet ..................................................................64
jack, striking
Evesham Abbey ..................................................747, 748
Ludlow .................................................................747
Wells, 'Jack Blandifer' .............................................748
Jacquard, Antoine
pattern book ...........................................................193
James, Andrew .....................................................311
James, Kenneth, measurements on Westminster clock .....665
Janssen, Sir Stephen ..............................................347
Japanese Clocks, lecture by John Read ...............395-6
Jauch, Karl, of Schwenningen
Puja pneumatic clock .........................................763-4
JD, case maker, watch ..........................................122
Jeffreys, John ......................................................304
jewelling
Watch Jewelling – a request, letter by Ian Greaves ....529
Johnson, Samuel, portrait of ..................................350
Johnson, Simon, The Roue Regulator ....................91-5
Johnson, W., of London, bulkhead clock, engraved .....3
Johnson, William, bracket clock, Boulle case ..........519
Jones, Evan, engraver of London .........................214, 215, 216
Jones, F., of Dents, repair marks ..........................42
Jones, Hannah, widow of Henry .........................722
bracket clock .......................................................218
continues workshop .............................................741-3
Jones, Henry, of London ......................................721-43
back plate engraving analysis ................................200-8
bracket clock
back cock aprons ................................................212-13
ebony ...............................................................227, 228, 235, 237
ebony, ¼ repeating .............................................233
ebony, ¾ repeating, alarm .................................238
ebony, Dutch striking .........................................225
ebony, grande sonnerie .........................................230
ebony, repeating ................................................238
ebony, skeleton chapter ring ................................229
miature ...............................................................228
olivewood ............................................................219, 223
survey of known examples ..............................218-39
various, back plates ...........................................201-4
walnut .................................................................224
walnut, signed Tompion ........................................335
dial engraving analysis
radial 5-minute lines .........................................196-7, 212
shape of 3s and 5s ..............................................197, 211
dispute with Robert Seignior ...............................194
gravers possibly working for him .........................213-17
extant known products ..................................218-39, 725-6
Henry Jones – Clockmaker of London,
by C. Stuart Kelly
A Chronological List of Clocks and Watches by Henry Jones 
........................................................................218-39
Part III: The Engraving on his Clocks ..................192-217
Part IV: The Output of his Workshop ....................721-43
lantern clock
¼ chiming, alarm ..............................................227
alarm ...............................................................218
longcase clock
oyster and marquetry, three train .......................236
oyster and parquetry, skeleton dial .......................226
pearwood, timepiece .........................................220
survey of known examples ..............................218-39
walnut .................................................................221
night clock ............................................................222
output ...............................................................726-36
signature
positions engraved .............................................195, 201
varieties engraved .............................................194, 197, 198-200, 208-10
table clock ..........................................................220
watch ...............................................................234-5, 237
Barrow regulator ..............................................129, 226
expanding hand ................................................129, 226
colour plate dial ................................................220

833
Antiquarian Horology
Jones, Henry, of London, continued,
watch, continued,
straight balance spring, 6 hour dial ............................218
survey of known examples ..................................218-39
watch perhaps by, straight-line balance spring ......432-3
workforce ................................................................720-5
workshop ................................................................736-40
Jones, Martyn, Massey IV [escapement], letter ..........802-3
Jones, Thomas, transportation sentence 1743 .............668
Joyce, of Whitchurch ................................................753
Junghans, pneumatic clock ............................................
Jupiter, engraving ..............................................................
Jurgensen, The Jurgensen Family, lecture by Derek Pratt 394-5
Jurgensen, Jules .................................................................395
Jurgensen, Jules, of Copenhagen, watch, no. 10672 .......184-5
Jurgensen, Jurgen ...............................................................394
Jurgensen, Urban ............................................................394-5
Jury, Frederick, of London, maker of automata ............705-10
Jury, Friedrich, of Prussia, metalworker ......................706-7
Jury, Friedrich, of Prussia, metalworker ......................706-7
JW&S stamp, see White, Joseph, and Son, Coventry

K
Keller, Helen
portrait of .................................................................473, 474, 475, 479
The Touch of Time: Helen Keller and her
Pocket Watch, by Silvio A. Bedini ..........................473-9
Keller, Phil.....................................................................399
Kelley, C. Stuart
Henry Jones – Clockmaker of London
A Chronological List of Clocks and Watches ......218-39
Part III of IV: The Engraving on his Clocks .......192-217
Part IV: The Output of his Workshop .................721-43
Kendall, Larcum, watch
cylinder, dated 1776 ......................................................558
regulator-style dial, 1776 .........................................308
Kent, see also Charing (Kent)
map of parishes ............................................................575
production and survival of clocks in ....................571-83
Kent, Eleanor .................................................................450-1
Kent, Stephen, husband of Margaret Tompion ............325
Ker, Duncan, of Stirlingshire ........................................110
Kersens, Dr Frits van .......................................................555, 568
Koster-Fromantel contract
The ... Contract Re-examined .................................561-7
The ... Contract – in Reply, letter .........................800-1
Kersen-Halbertsma, Maria van
The King, the Clock and the Blue Whale .................32-6
Kersten, Paul, Huysgen, lecture on .........................517
Kessels, Herman ............................................................32-6
key drawer .................................................................219, 222
keyless work, see watch, keyless winding
King, Alfred, of Chippenham ...................................114
King, Andrew ................................................................387
Brocklesby Park clock ..................................................698
The Making of Longitude, lecture .........................264
obituary of Rita Shenton ........................................556-8
King, Mr, Tompion’s bill .................................................441
King, Stephen, of Chippenham ..................................114

K
King, Wallace .................................................................394
Kingston, Duchess of (Elizabeth Chudleigh) .............709-10
Kirk, Joseph, of Nottingham
wall timepiece, 8-day, repeat with gathered rack ........584
Knibb, John, of Oxford
equation of time table ...............................................119
workforce ..................................................................723-4
Knibb, Joseph
bracket clock
eyebone, ¼ repeat timepiece ..................................593-4
eyebone, ¾ repeat timepiece ..................................551
eyebone, Phase I, skeleton chapter ring, early rack-and-snap striking ..........594-6
miniature, Phase II grande sonnerie .........................541
walnut, ¼ repeating ..................................................553
longcase clock
walnut .................................................................712-4
repeat, hour, early ..................................................586-7
workforce ..................................................................723-4
Knibb, Samuel, possible part in Tompion’s career ......320-1
Knibb workshop
bracket clock
eyebone, ¼ repeat, Henry Jones .........................235
olivewood, alarm, Tompion ..................................334
longcase clock
grande sonnerie, ‘Chatsworth’ Tompion ..............334, 335
Knifton, Thomas, of London, lantern clock ...............397
Knight, Henry, of Birmingham .................................752
Knight, John, blacksmith [of Ludlow] .....................747, 750
Knight, Steven, blacksmith [of Ludlow] ..................747, 750
Knight, Susan, and David Stoner, meeting report .......796
Knotesford, John ...........................................................446
Knyghtone, Richard ........................................................745
Kulibin, Ivan Petrovich ..............................................709-11, 713
kenstкамер .................................................................502-3

L
la Balle, Francis de [clockmaker]
Equation of Time Table, letter by John Davis ..........668
la Garde, Jacques de, of Blois
spherical clock-watch .................................................341
spherical hanging clock ..............................................341
la Garde, Jacques de, of Blois (attrib)
spherical clock-watch .................................................432
la Garde, Jean de, of Blois
armillary clock ...........................................................340-2
Laan, van der, of Amsterdam, Amsterdammerije .......515
Labarte, J., Debruge Dumesnil Collection ..................337
label, case maker’s
Mitchel, John, of Kendal .............................................401
lacquering
Traditional Brass Lacquering,
lecture by Francis Brodie ...........................................660-1
Lallemand, of Paris ........................................................60
Lancashire Watch Company
The Lancashire Watch Company: tools and production
methods, lecture by John Griffiths .........................385-6, 792
Langford, William, of Ludlow .................................751
lantern clock, by
anonymous, with three dials 88-90
Cogniet, of Paris (fake) 515
Farmer, Richard, of London 397
Greenhill, of Ashford 573
Harris, George, of Fritwell, key-wound 689
Holloway, William, of Stroud 114
Ireland, Henry, of London 485-7
Jones, Henry, of London
¾ chiming, alarm 227
Knifton, Thomas, of London 397
London, John, of Bristol 662
Lord, Richard, of London 113
Muys, Johannes 516
Newton, George, of See'd 397
Read, John, of Bishop Stortford 520
Smørthwaite, of Colchester 114
Tompion, Thomas, no. 472, miniature 114
lantern clock, early provincial, rarity of 583
lantern clock, Kent, early 572
lantern clock, key-wound, Harris, George, of Fritwell 689
A Lantern Clock with Three Dials, by Mike Cowham 88-90
Lantern Clocks, lecture by Declan Gibbens 397
Lasada, of London, see Losada, of London
laser, Repair of Worn Clock Pinions and Pins by Laser Welding, by Brian Coles and Peter Powell 480-4
Lassale, Jean, acquisition by Seiko 116
Lattimore, Colin, Clockmakers' Company Silver, lecture 387
Lavet, Marius, patent for transistor maintained balance 365
Law, Isaac, London engraver 214
Le Paute et fils 64
Le Paute, H 64
Le Paute, of Paris 61
watch, no. 1897 66
Le Platéni Frères, of Paris 64
Le Roy, carriage clock, barometer and thermometer 263-4
Le Roy, Bazile-Charles, of Paris 60, 61, 66
watch, no. 2683 66
watch, quarter-repeat, independent seconds 62
Le Roy, Julien, watch, no. 4757 53-4
Le Roy, Pierre, lever escapement 53
Leach, Malcolm, Harrison 'H2' replica on exhibition 698
Lebron, Froment-Maurice and Christoffle 769
lecture report
Ackermann, Silke, Reoch for the Stars 797-8
Armfield, Jim
Dismantling a Chronometer 262
Swiss Tour Highlights, May 2004 658
Barr, Mrs Wendy, AHS Secretary's Job 112
Bateman, Douglas A., Sundials 796
Bird, Derek, The Clock at Terry's Factory, York 663
Boney, Guy, Tominion: Clocks by Any Other Name 386
Brodie, Francis, Traditional Brass Lacquering 660-1
Bryan, Derek, Mercer Chronometers 391
Buck, Paul, Cuckoo Clocks 514-15, 788-9
Campbell, Gregor
Mainspring - History, Theory and Practice 109
Chapelle, Kenneth, Modern Practices in Conservation 657

lecture report, continued.
Chapiro, Adolphe, Lepine and Breguet – Co-Workers or Master and Apprentice 655-6
Darken, Jeff, Weight-driven Wall Clocks 113-14
Davis, Keith, Hand Making 508-9
Durham, Mike, A Journey through Time 110-11
Gibbens, Declan, Lantern clocks 397
Gordon, 'Robbie', Fifty Years in the Trade 109
Griffiths, John, Lancashire Watch Company 385-6, 792
Hardie, James ('Jim'), Clock Case Restoration 657
Harding, Keith, A Life in Horology 107-8
Hayton, Sue, Robert Mann Lowne 269-70
Hill, Charles, Art and Antique Recovery 794-5
Hooper, John, Recent Horological Finds 398
Kersten, Paul, Huygens 517
King, Andrew, The Making of 'Longitude' 264
Lattimore, Colin, Clockmakers' Company Silver 387
Legg, Michael, The Development of the Longcase Clock 504
Lindsay, R.L. (Bob), Clocks in a Triad of Tulliallan Churches 109-10
Linstead-Smith, Peter, The Transit of Venus 514
McKay, C. G. (Chris), Curiosities of Public Timekeeping 656-7
Public Time – Social and Technical 397-8
Maragna, Tony, Nicole, Nielsen and Company 507-8
Midleton, Viscount (Alan), American Clocks 390-1
Miles, R. H. A. (Bob), The Quartz Industry 663
Mills, Mark, Development of Quartz Watch at Seiko 116
Moorehouse, John, Engine Turning 659
Parr, Dr D., Railway Clocks 505-6
Penney, David, Development of the Wristwatch 390
Pratt, Derek, The Jurgensen Family 394-5
Priestley, Philip, American Pocket Watches 261
Read, David, Pneumatic Clocks 522
Read, John, Japanese Clocks 395-6
Read, Matthew, Conservation and Preservation of Clocks 266-7
Reynolds, Colin, Gents of Leicester 794
Ridout, Martin, Time Distribution 521-2
Robey, John A., Clockmaking in 18th and 19th Centuries 395, 795-6
Derbyshire Clocks 262-3
Rose, Ronald E., Complicated Clocks 263-4, 791-2
Shenton, Ken, Barometers 514
Smith, Alan
Reconstructing an Orrery 658-9
A Sundial for Liverpool Museum 658
Smith, M. M. (Michael), The Year of a Master 503
Smith, Nicholas (Nick), Smiths of Derby 261-2
Smith, Roger, Watchmaking 107
Sykes, Geoff, Big Ben's Country Cousin 269
Taylor, Dr John C.
Early Grande Sonnerie Mechanisms 268-9
Taylor, Terry, Experiences as an Apprentice 662
Thompson, David
The Early Collectors – Watch and Clock Collecting in the 18th and 19th Centuries 502-3
Early Swiss Watches 265-6
Pre-balance Spring Watches 506-7
lecture report, continued,

Treffry, Timothy, Modern Watch Production .............263
Treherne, A. A. (Alan), Maitsey IV Lever Watches .............659
Treherne, Alan, Peter Stubs and Co., Warrington .............260-1
Unwin, Don
Making a Replica of Dondi’s Planetarium ............659-60
Voore, Tim, The Use of Quartz in Oscillators .............663

Waddington, Trevor
Clockmakers of Wiltshire ...........................................661-2
Wiltshire-made clocks and Watches .............................114-15
Warner, John, Clocks Through my Workshop ................112-13
Warner, John, The Great Clock of Westminster ..........509-10
White, Dr John, Barrel Organs .................................790
White, Ian, The Amazing Clocks of James Cox ............798-9
Wollendale, Sir Arnold
In Times to Come – the Fate of the Universe ..........383-5

Leeson and Son, of Coleshill .................................752-3
Leeson, Henry, of Coleshill ..................................753
Leeson, William, of Coleshill ..................................753

Legg, Michael
The Development of the Longcase Clock ..........................504
LeGrand, E., of Paris ..............................................771-2
Lemazurier, of Paris ................................................61
Lens, Bernard, of London, engraver .........................446-7

Leopold, John H. ......................................................555
Coster-Fromanteel contract
Some More Notes on the ... Contract ..................568-9
The ... Contract – in Reply, letter ................................801
For your further reading ............................................530, 804

Lépine, Jean-Antoine
Lépine and Breguet – Co-Workers or Master and Apprentice?, lecture by Adolphe Chapiro ..........655-6
Lépine calibre .........................................................655-6

Barwise, of London, no. 8028 ..................................419
lever escapement ..................................................55

Leroux, John, lever escapement ................................54, 55
Leroy & Cie, Chronostat III ....................................364-5
Leschot, Georges, of Geneva ....................................67
Letrorey, Paris, pneumatic slave clock .................760, 761
library (AHS), see AHS, library ...................................

Lieshout, Berry van
transcription of Coster-Fromanteel contract ..............800-1

Lieutaud, Balthazar, ébéniste

Berthoud, Ferdinand, longcase .................................128
Magellan, John Hyacinth de, longcase .......................175-6
A Life in Horology, lecture by Keith Harding ............107-8
Lincoln, Richard, meeting report ..............................264
Lindley, Mr, of Leicester .........................................635

Lindsay, R.L. (Bob)
Clocks in a Triad of Tulliallan Churches, lecture ..........109-10
Holmes Watch in a Highland Postbag, letter ..............120-1
meeting report .......................................................109

Linnard, William
Charles Vaughan of Pontypool, reviewed ..................778
The Foliot Turret Clock at Llanthony .......................240-4
Wales Clocks and Clockmakers, reviewed ..................377

Linstead-Smith, Peter .............................................311
meeting report .113-4, 267-9, 395-7, 513-4, 661-2, 797-9
The Transit of Venus, lecture ..................................514

Lister, Thomas, of Halifax, longcase clock, oak, 30 hour...806
Litherland, Peter, rack lever escapement ....................58-9
‘Lidtemore’ clock, Professor Edward Hall ...............315
Llanthony Priory, The Foliot Turret Clock at Llanthony,
by William Linnard ..............................................240-4
locking, deep-tooth ...............................................593
locking, pallet-tail .................................................593
Lodwick, Peter, engraver ? of London ......................214
Lokier, John, of Ludlow .........................................749
London
museums see collection; museum
Tower of London, Wardrobe Tower .........................323, 324
London, John, of Bristol, lantern clock ..................662
long duration, month
anonymous, longcase regulator ..............................91-5
Berthoud, Ferdinand, longcase clock .......................128
Gould, Christopher, of London
longcase clock, marquetry, ½ hour strike .................143
Harper, Henry, of London,
longcase clock, marquetry ..................................526-7
Jones, Henry, of London, longcase clock ..............232, 233, 235
Martin, Jeremiah, London, walnut longcase clock ....684
Quare, Daniel and Stephen Horseman
no. 165, burr elm and walnut longcase clock ............687
Quare, Daniel, of London, longcase clock
marquetry, ⅓ repeat ..............................................151
marquetry ⅔ repeat ..............................................293
walnut ...............................................................131, 518
Robb, William, of Montrose, longcase clock ..........297
Tompion, Thomas, longcase clock
astrolabic .........................................................333, 336
no. 145, Dutch striking .........................................460
no. 365, walnut ....................................................149
long duration, three month
Gaskell, Thomas, of Knutsford, longcase clock .......294, 692
long duration, year, by Thomas Tompion
bracket clock, ‘Mostyn’ .......................................442
Greenwich timepieces ............................................324, 327
longcase clock, Townley escapement .....................664
case, casework, see case; case maker, clock; marquetry case
case, clock
Banger, Edward ..................................................450
Berdthoud, Ferdinand
equation of time ...................................................30
month going, year calendar, equation ......................128
Bradley, Langley, of London, walnut, seconds in arch .423
Buxton, Samuel, of Diss, oak, posted frame ................392
Clement, William, walnut 8-day,
restored by AHS South-Eastern Section .................654-5
Deacon, Samuel, musical, 1790 ................................619-35
Delance, James, of Downton
walnut and seaweed marquetry ............................661
Dutton, William and Sons, mahogany, date in arch .....133
Dwerrhouse, of London, mahogany, pediment top ....13
Etry, Joel, of Horton, 30-hour ................................661
Gaskell, Thomas, of Knutsford, three month ..........294, 692
Gordon, Thomas, of Edinburgh, chinoiserie ............388
Gould, Christopher, of London
marquetry, month, ½ hour strike ..........................143
longcase clock, continued,

Harper, Henry, of London, month marquetry........526-7
Harrison, John and James.................................433-4
Hindley, of York, oak, 8-day, internal gravity rack ....407
Jones, Henry, of London
  oyster and marquetry, three train ....................236
  oyster and parquetry, skeleton dial ..................226
  pearwood, timepiece ....................................220
  survey of known examples ............................218-39
  walnut .....................................................221
Knibb, Joseph, walnut ....................................26
Lister, Thomas, Halifax, oak, 30 hour .................806
Malkin, of Kirkby (in Ashfield)
  8-day, dial signed 'Elzth. Boot Sutton' ............524
  mahogany, rotating hour dial ........................368-9, 514
Martin, Jeremiah, of London, month walnut ..........684
Nash, John, of Bridge, oak, 'Father Time' automaton ....2
Newby, of Kendal
  oak, 30-hour, case by John Mitchel .................401-2
Quare, Daniel, and Stephen Horseman
  no. 165, burr elm and walnut, month ...............687
Quare, Daniel, of London
  marquetry, month ¼ repeat ............................150, 293
  walnut, month ...........................................131, 518
Rae, Revd Peter, of Kirkconnel
  astronomical and musical ..............................388
Richardson, Richard, of Aston, Cheshire
  oak and walnut ¼ chiming, moon in arch ..........297
Robb, William, of Montrose, mahogany month ......297
Rudd, Joshua, of Bradford on Avon .................662
Sainsbury, Robert, of Chippenham
  8-day, inside rack strike ................................661
Smith, John, of Pittenweem (Fife) ....................519
Tompion, Thomas
  astrolabic, month-going ................................333, 336
  dandelion parquetry ....................................332
  equation of time ........................................30
  grande sonnerie, 'Chatsworth' .......................335
  no. 131, walnut grande sonnerie .....................433
  no. 145, Dutch striking ................................460-72, 516
  no. 311, walnut ........................................471, 472
  no. 365, walnut, month ................................149
  olive wood ..............................................153
  pre-numbered, walnut ..................................438
  pre-numbered, walnut and olivewood parquetry, 8 day, bolt and shutter .........................15
  year-going, Towneley escapement ..................664
Topping, John, astronomical, centre seconds ..........388
Vines, Matthew, of London, walnut ....................290
White, Thomas, of London, ¼ repeating ..............445
Williams, of Llanrwst, mahogany .......................407
Windmills and Elkins, London, walnut ...............681
Wise, Richard, of London, marquetry case ..........143
Woolley, James, of Codnor, oak 30-hour .............297
Worswick, Thomas, of Lancaster, mahogany, 
  Gil lows style, lunar and calendar indication ........11

longcase clock, continued,

Young, Henry, of London
  walnut marquetry, novel rack striking ............596-601
  advertised ..............................................18, 426, 548, 809
Young, Henry, of London, 30-hour, walnut case .......11
longcase regulator, see regulator, longcase
Longines (E. Francillon & Co.)
  wrist chronograph no. 2974692 ..................137
longitude
  The Making of 'Longitude', lecture by Andrew King ....264
Longmore, John ............................................745
Lonsdale, 5th Earl of ..................................41
Loomes, Brian .............................................568
Lord, Richard, of London, lantern clock ..........113
Losada, of London, repair of pivot and pallets ......482-3
lottery
  Cox, James ................................................703-4
  Naylor, John, of Nantwich (and London) ...........76-7
  deciding machine ......................................76-7
Lowndes, Jonathan, bracket clock, ebony, ¼ repeat striking ........549
Lowne Electric Clock and Appliance Co.
  Robert Mann Losone, lecture by Sue Hayron ........269-70
Laycock, Sarah .............................................392
Ludlam, Rev. William ..................................95, 635
Astronomical Observations, 1769 .....................177
wood rod pendulum design ..............................176-7
Ludlow
  Ludlow Church Bells, Clock and Chimes 1460-1900 Part I – The Bells and Clocks of St Laurence's Church, Ludlow, by Michael Page ...........744-53
The Sundial at St Laurence's Church Ludlow, by Michael Page ..................................................83-4
lunar indication ..........................................609
Breguet, Abraham-Louis, watch, no. 1188 ..........312
Gaskell, Thomas, of Knutsford, longcase clock ....294
Golay, Charles Hector, watch, no. 2332 .............7
Naylor, John, of Nantwich (and London) ..........74, 75
Weydman, Lucas, of Krakow, tabernacle clock, 1648 ....609
Worswick, Thomas, of Lancaster, longcase clock ....11
Lund, see Barraud and Lund, of London
Lydford, Devonshire
  The Horological Gravestone in Lydford Parish, 
    by Silvio A. Bedini ..................................245-8
St Petroc's Church .........................................245
Lynam, Ian P., Railway Clocks, reviewed ...........376-7
lyricord, now missing from Samuel Deacon clock ....631-2

M
M, repair marks ............................................42
McCabe, James, bracket clock, lancet top ............520
MacDougall, Patrick .......................................120-1
McEvoy, Sean, Books by Kenneth Ullyett, letter ....120
McKay, C. G. (Chris) .....................................399
Curiosities of Public Timekeeping, lecture .........656-7
Grinctorpe Conference – AHS Turret Clock Group, notification ................................383
Public Time – Social and Technical, lecture ..........397-8
Madden, Sir Frederic (1801-73) ...........................................613
Magellan, John Hyacinth de
bank account .................................................................173, 174
John Hyacinth de Magellan (1722-1790)
Part 2: The Early Clocks, by Jonathan Betts ........173-83
longcase clock, Franklin dial .................................174-6
pendulum ..................................................................176, 177, 182, 183
wall clock, 3-wheel, 4-hour dial .....................180-1
wall clock, 3-wheel, mahogany case .................178-80
wall clock, 3-wheel, regulator dial .......................181-2
wall clock, 'regulator lantern', composite? ..........182-3
magnetism, watch de-magnetiser .........................392
Magson, John ...............................................................742
Main springs – History, Theory and Practice,
lecture by Gregor Campbell........................................109
maintaining power, bolt and shutter ..................92-3
Jones, Henry, of London
longcase clocks .......... 197, 219-21, 225-6, 231, 233-5
Tompion, Thomas, longcase clock, no. 145 ..........462, 469
Young, Henry, of London, longcase clock,
walnut marquetry, novel rack striking ................597-8
maintenace, burden on clockmakers..................727-36, 742, 743
Malin, Thomas, cabinet maker .........................333-4
Malkin, of Kirkby (in Ashfield)
longcase clock
8-day, dial signed 'Elzth. Boot Sutton' .................524
mahogany, rotating hour dial .........................368-9, 514
Malkin – Kirkby, letter by Jim Simpson .................524
Malin, Michael ............................................................399
Manly, Henry, London gold chaser .................346
chatelaines.................................................................618
mantel clock
Breguet, Abraham-Louis, no. 449, pyramidal ..........313
Dwerrihouse and Ogden, rosewood, two train .........301
Vulliamy, no. 895, rosewood case .......................23, 139
map of
Kent, parishes ..........................................................575
known world on watch c. 1550 .........................432
London
Fleet Street, 1747 ........................................................322
Great Fire, area affected by ..................................317
Water Lane
1676 .................................................................322
1677 ................................................................323
Newport Pagnell area, 1607 .................................320
Northill area, Bedfordshire, 1847 .......................317
Maragna, Tony ..........................................................392
Nicola, Nielsen and Company, lecture ........507-8, 796-7
March, Earls of .........................................................744
Margets, George, of London
watch, mean and sidereal time .........................434-5
marine chronometer, see chronometer, marine
mark, maker's
GH, stackfaced watch ............................................610
WV, strut clock ..........................................................643
Mark (Marc?), Henri, of Paris
table clock, dials facing four directions ..............262
Market Harborough
History of Harborough, by Rowland Rouse ..........94-5
marks, repair, see repair marks
Markwick, Markham and Perigal, musical clock ....516
marquetry case, longcase clock
Gould, Christopher, of London ........................143
Harper, Henry, of London ....................................526-7
Jones, Henry, of London .................................225-6
various examples ..................................................231-7
Quare, Daniel, month ¼ repeat ..........................150, 293
Tompion, Thomas
dandelion parquetry ..................................................332
floral ...................................................................333, 334
oyster and bird and flower panel ......................333
pre-numbered, walnut and olivewood parquetry ....15
Wise, Richard, of London ....................................143
Young, Henry, of London, walnut .....................597
Mars (personified), engraving .........................455
Martin, Benjamin, of London .........................173-7
Martin, Jeremiah, of London
longcase clock, month walnut ............................684
Martin/Pouzait ..............................................................61
Martin, Vincent, of Saint-Brieuc .........................66
lever escapement .....................................................57
watch .....................................................................57
Mary, Queen of Scots, skull watch by Moyse of Blois ....338
Mason, Bernard ..........................................................803
collection .................................................................402
Paws for Time?, letter by Clifford Bird .................525-6
Massey, Edward
escapement, lever types ........................................59
Massey IV (escapement), letter by Martyn Jones ....802-3
watch, no. 653, type IV lever .................................802-3
Massy, Henry, of London
bracket clock, turtle-shell, pull-repeat ....................494
Massey, Jacob, of London
bracket clock, ebony ¼ repeat striking ..................415
master clock
Gents of Leicester, Deal, Time Ball Tower ..........559-60
International Time Recording Company,
Deal, Time Ball Tower ............................................559-60
Mattrey, of Switzerland ............................................65
Matthews, Edward, watch case maker
Golay, Charles Hector, watch, no. 2232 .............7
Matthews, Martin ........................................................112
Matthys, Robert J.
Accurate Clock Pendulums, reviewed ...............374-5
Maudsley, Sons, and Field, time ball at Deal ..........559
Mayhew, William, of Woodbridge, tavern clock ....520
Mayhope, E.A., engineer ..........................................756-7
Mead, Mr, receipt to Tompion ..............................441
Meadows, William, baker, tenant of Tompion ....334
medal, Percy Dawson, see Percy Dawson Medal
Medusa, engraved head .........................................455
Mendicke, Charles ....................................................447
Mennists, see Baptists
Mercer Chronometers, lecture by Derek Bryan ....390
Mercer, Thomas, Ltd ...............................................28
chronometer, survey, no. 19869 .........................794
Méry, of Paris .............................................................61
Met Franse Slag, catalogue ........................................314

Antiquarian Horology 838
Metamec
Kawai clock..........................................................664
Metamec Forum, 24 July 2004..........................393-4
The Typhoo Metamec Clock
letter by Clifford Bird ..............................................664
letter by Les Pook..................................................525
Metzer, Jeremias ....................................................606
Midleton, Viscount (Alan), American Clocks, lecture .....390-1
Midnall, John, of London, watch, "Puritan" style, associated with Oliver Cromwell .......612-13
Miles, R. H. A. (Bob), The Quartz Industry, lecture .....663
Miller, James, of Alloa, longcase clock dial .................504
Mills, Mark
Development of Quartz Watch at Seiko, lecture ..........116
Minerva, engraved figure .........................................455
Ming, Kenneth
The Other Turret Clock from Cassiobury Park ........353-9
Minshull, Thomas, of London, goldsmith.................447
Mitchel, C., of New Ferry ........................................39
Mitchel, John, of Kendal, cabinet maker
oak case of longcase by Newby, of Kendal .................402
trade label ............................................................401
Mitchell, Arthur ....................................................785
Library Notes .......................................................258, 653
Mitchell, H., repair marks ........................................42
Modern Practices in Conservation
lecture by Ken Chapelle...........................................658
Moffatt, John..........................................................528
monstrance clock, see also table clock
Stark, Thomas ........................................................289, 360-3
Montieth, Saddlers' Company ..................................441
montre à tict, see also dial, touch pins
Breguet, Abraham-Louis .........................................476-7
Helen Keller's ..........................................................473-9
Rousset el Fils, of Geneva .........................................476-8
montre d'abbesse ....................................................776
moon dial, see lunar indication
Moon, John
cataloguing at Maidstone Museum .........................654
eighth birthday celebration .....................................509
Moore, Dennis, British Clockmakers and Watchmakers
Apprentice Records 1710-1810, reviewed .................97-8
Moore, Sir Jonas
acquaintance with Tampion.................................326-7
portrait of ................................................................326
Moore, Thomas, of Ipswich
longcase clock, lacquered 8-day (stolen) .................668
Moorhouse, John, Engine Turning, lecture ..........659
Morgan, Octavius
exhibits enamel-cased watches at the
Royal Archaeological Institute ................................342-3
Observations on the Art and Progress of Watchmaking ....337
Octavius Morgen, Horological Collector,
by David Thompson
Part IV .....................................................................337-47
Part V .....................................................................602-18
research into Assay Office marks on gold and silver ....337
Royal Archaeological Institute meetings ....................337
views on early history of watch .........................602-3, 616-18
Morice, David, of London
chronometer, pocket, no. 185, gold .......................636-7
Morison, Sir Charles .............................................354
Morison, Sir Richard .............................................354
Morlière, enamelled watch case..............................343
Morris, Vernon, meeting report .............................508-9
Morse, B.S., of Watford ..........................................354
crutch ..................................................................357
Morvah, sundial ....................................................98
mounts, silver
Jones, Henry, of London
bracelet clock .....................................................229, 230, 231
Moyse, of Blois, skull watch, 'Mary Queen of Scots' ......338
Mudge and Dutton, miniature longcase clock ............294
Mudge, Dr John .....................................................349
Mudge/Emery/Robin .............................................60, 66
Mudge, Thomas
bracelet clock, detached lever .............................259
delivery time .........................................................121
marine chronometer, no. 1 .......................................259
marine clock, lever escapement ..............................52
marine timekeeper, 'Green' .....................................411, 436
Mudge and Reynolds, by Sebastian Whitehouse ....348-52
portrait of ..............................................................259, 350
arguable ..................................................................348
study afternoons at British Museum ......................259-60
travelling clock, Lord Polwarth's .........................28, 259
watch
no. 366, grande sonnerie ¼ repeat .........................260
no. 407, minute repeating striking .........................260
no. 574, perpetual calendar ..................................260
no. 576, gold ..........................................................528
Queen Charlotte's lever .......................................28, 30
Queen Charlotte's lever ........................................52
Spanish Royal Court, signed Ellicott ......................260
Mudge, Thomas, and Dutton, William
no. 87, wall clock, mahogany drop dial timepiece ....429
Mudge, Zachariah ..................................................349
Mueller-Maerki, Fortunat E.,
book review .......................................................96-7, 495
Thomas Tampion's Spring Clock Innovations, letter ....523
Mullund, see Mussard, Jean
Murray, see Black and Murray
Murray-Scott, Sir John ...........................................45, 48
Museum
Apeldoorn, Het Loo, visit .......................................516
Belmont House .....................................................392, 505
Buonconsiglio, Castello del ..................................697
Bury St Edmunds, Manor House .........................585-6, 659-60
Castle Cornet, Guernsey ........................................488-9
Colchester, Tymperley's Clock Museum ...............525-6
letter .................................................................667, 803
Deal, Time Ball Tower .........................................505, 559-60
Dreux, Assen ........................................................460
Geneva, Patek Philippe .........................................129, 226, 389
La Chaux-de-Fonds, Musée Internationale d'Horlogerie .......388
Le Locle, Chateau des Monts, Sandoz collection ....388
Le Sentier, Musée Audemars Piguet .........................389
Lisbon, Calouste Gulbenkian, globe clock .......... 47-8
Liverpool, sundial, construction for .................. 658
London, British Museum .................................. 343, 789-90

The British Museum Clocks,
by David Thompson, reviewed .......................... 646-7
la Garde, Jean de, Blois, armillary clock .......... 340-2
London, Gilbert Collection ................................ 697-8
London, Guildhall, Clockmakers’ Company ........ 387, 397
Moyse of Blois, skull watch ................................ 338
London, National Maritime Museum
  de la Garde, Jacques, spherical hanging clock ...... 341
London, Science Museum, gallery opening hours ... 152
London, South Kensington ................................ 602, 609, 615
London, Spring Gardens (James Cox) .............. 703
London, Victoria and Albert Museum
  globe clock ......................................................... 42-4
Maidstone ............................................................. 654-5
Malmaison, Chateaux, globe clock ...................... 46-7
Norfolk Rural Life ................................................... 393
Oberhofen, Museum für Uhren und mechanische Musikinstrumente ... 389
Paris, Louvre
  de la Garde, Jacques de, spherical clock-watch .... 341
Port Sunlight, Lady Lever, globe clock .............. 37-41
Preston, Harris Museum, globe clock ................. 41-2
Rockhausen ............................................................ 558
Rockford, Time Museum, sale ............................. 432-6
Schoonhoven, Dutch Gold, Silver and Clock
  exhibition of Comtoise clocks ......................... 314, 512-13
St Croix, Musée de Boites à Musique et Automates . 389
St Petersburg, Hermitage
  Breguet exhibition .............................................. 312-14
  peacock clock .................................................... 699-715
Villers-le-Lac, Musée de la Montre ..................... 388-9
Zaandam, Museum of the Dutch Clock ............... 32
  exhibition ........................................................... 315
musical box
St Croix, Musée de Boites à Musique et Automates .... 389
musical clock, see also organ clock
Deacon, Samuel, longcase clock, 1790
Detailed Notes on ..., by Jeff Darken .................. 537, 619-35
Dunster, Roger ....................................................... 516
interchangeable cylinders ................................... 628-9
Markwick, Markham and Perigal ......................... 516
peacock clock ....................................................... 699-715
Rae, Revd Peter, of Kirkconnel
  astronomical longcase clock .............................. 388
Stone, John, Aylesbury, bracket clock ................. 679
Mussard, Jean, Geneva, enameller, watch case by ... 346-7
Muys, Johannes, lantern clock ............................. 516

N
nachschlag, see striking, second hour (nachschlag)
Nairne, Edward, of London, instrument maker ....... 176-7
Nantwich
  Naylor, John, of Nantwich (and London) .......... 73-7
  Nash, John, of Bridge
  longcase clock, 8-day, oak ‘Father Time’ automaton ... 2

Naylor, John, of Nantwich (and London)
  astronomical clock, British Museum................. 73-7
John Naylor, Nantwich, Cheshire,
  letter by Philip Spruce ....................................... 271
necessary ............................................................. 798
nef or ship clock, Schlothheim, Hans ................. 603-6
Neill, Robert, Moon in Scorpio, book ................... 592
Nether Swell Manor, globe clock ....................... 48
Netherlands Turret Clock Foundation,
  see For your further reading, De Klokkenkoerier
Newby, of Kendal, longcase clock
  oak 30-hour, case by John Mitchel .................... 401-2
Newman, Graham .................................................. 392
Newport Pagnell
  map of area ...................................................... 320
  Samuel Knibb possibly linked to Tompion ........... 320-1
Newton, George, of Seend ................................. 114, 661
  lantern clock ..................................................... 397
Newton, James, bracket clock ............................ 30
Nicole Nielsen .................................................... 392
Nicole, Nielsen and Company
  Nicole, Nielsen and Company,
    lecture by Tony Maragna ................................. 507-8, 796-7
  watch, Charles Frodsham no. 09874 ................... 543
  Nicols and Plinke, St Petersburg ....................... 704
  Nielsen, Sophus Emil ......................................... 508
  see also Nicole, Nielsen and Company night clock
Jones, Henry, of London .................................... 218, 222
Pryor, Joseph, of Liverpool ................................ 218
Seignior, Robert, of London ............................... 218
nocturnal ............................................................ 797
Nodes, Rebecca ................................................... 451
Nodes, Thomas .................................................... 450-1
Norris, Joseph ..................................................... 494
North and Sons .................................................... 508
North, Bernard H.
  Falconer, G., and Co., of Hong Kong, letter ......... 668
Northcote, James .................................................. 349, 351-2
  portrait of ................................................................ 350
Northcote, Samuel .............................................. 349
Northill, Bedfordshire
  map of area ........................................................ 317
  parish church ..................................................... 317
Norton, Eardley, of London ............................... 97
  bracket clock, astronomical ............................... 30
Notes on the Pendulum of the Great Westminster Clock
  Warner, John ..................................................... 490-2
  novelty clock
    bandstand form ................................................... 396
    falling-ball clock, Thwaites and Reed .................. 112
    inclined plane clock, Dent ................................. 112
    mortar (artillery) form
  Cole, Thomas, of London, no. 1600 .................... 136
  numbering of clocks, in Kent ................................ 576
  numbers of clockmakers in 17th century London ...... 215
Nye, James .......................................................... 399
  meeting report ................................................... 115-16, 269-70, 521-2, 662-3
Palmer, William, [of Ludlow] .................................................. 84
paperweight
Society’s 50th anniversary ........................................ 100, 378, 496, 648, 779

Paris
hall marks ........................................................................... 771
pneumatic clock system .................................................. 754
Paris, of Warwick, turret clock, 3-train, Oxford .................. 398
Parks ................................................................................... 119
Parkes, Daniel ........................................................................ 801
video British Clocks 1600-1850 ........................................... 659
Parr, Dr D., Railway clocks, lecture .................................. 505-6
Parsons, Isaac, of Gent and Co ............................................ 794
Pascal, Claude, Hague clock, grande sonnerie .................. 601
Patek Philippe, visit to Geneva factory and museum .......... 389
patent
chronograph, Adolphe Nicole .......................................... 508
English Time Recorder Patents up to 1945, reviewed .......... 251
jewelling ............................................................................ 529
USA Time Recorder Patents up to 1945, reviewed .......... 251
watch back plate of eagle shape, John Smart .................. 59, 60
Patterson, James, of Boston ................................................ 487
Paws for Time?; letter by Clifford Bird ......................... 525-6
Payne, George, of Ludlow .................................................. 750-1
research request ................................................................. 667-8
Payne, William, of Ludlow ............................................... 751
peacock clock ................................................................. 677, 699-715
Peirce, Sampson, [Charing], inventory of 1693 ............... 573
Pendleton, Richard, lever escapement .............................. 54
pendule sympathique
Breguet, Abraham-Louis, no. 757 ....................................... 789
pendulum ............................................................................. 156-7
1.2 second (one-fiftieth minute) ........................................... 93
1¼ second, longcase clock
Jones, Henry, of London ............................................. 231, 233, 236
Tompion, Thomas (possible) ............................................ 664
3-second, Churchill, All Saints ........................................... 398
Accurate Clock Pendulums, by Robert J. Matthys, reviewed ................................................................. 374-5
locking system in ‘Sussex’ Tompion clock ...................... 154
Notes on the Pendulum of the Great Westminster Clock,
by John Warner ................................................................. 492
The Pendulum, St Roche’s lecture by Derek Roberts,
advertised ........................................................................... 8
pendulum bob
central locking screw, Samuel Deacon .......................... 626
Magellan, John Hyacinth de .......................................... 182, 183
Westminster, Great Clock .................................................. 492
pendulum, compensating
Ellicott’s second form ....................................................... 456-9
gridiron
Berthoud, Ferdinand, longcase clock ............................ 128
Breguet, Abraham-Louis, Paris
no. 449, pendule pyramidale ........................................... 313
table regulator ................................................................. 9, 141
Cumming, Alexander, of London, wall regulator ........... 25
Sarton, Hubert, skeleton clock ........................................ 427
unknown maker, French .................................................. 140
mercury
Clerke, Royal Exchange, London, regulator .................... 130
pendulum, compensating, continued

‘whistle stop’ adjuster .................................................315

wood-rod

Magellan, John Hyacinth de ..........177, 181, 182, 183
published by Ludlam 1769 .................176-7
Whiteside, of London, longcase striking regulator ...11

pendulum, false

Delander, Daniel ....................................................135
Fromantel and Clarke, of London ..........310
Graham, George, of London, no. 615 ..........417
Jones, Henry, of London .........................238
Lowndes, Jonathan .........................................549
Massey, Jacob, of London .......................415
Quare, Daniel .................................................520
Quare, Daniel, and Stephen Horseman ......694

Tompion, Thomas .........................5, 17, 147, 153, 155, 156, 442, 443, 519, 536, 812

Windmills, Joseph, of London ............412, 425

pendulum, regulation of

automatic by motorized weight ..............262
rating nut, Magellan, John Hyacinth de ....183
rating nut, double, Magellan, John Hyacinth de 182

pendulum rod

butterfly decoration ..............................................626
Westminster, Great Clock ............................490

The Pendulum, St Roche’s lecture by Derek Roberts ....315

pendulum suspension

knife edge, Berthoud, Ferdinand ...........128
Magellan’s suspension ..........................176-7
suspension spring ..............................................42

pendulum, torsion .............................................658

Penney, David

Development of the Wristwatch, lecture ..........390
Dingwall-Bloc lecture, advertised ...........304
East Anglian Meeting Report, letter ........272
Joseph White, letter .................................117

The Lever Escapement, letter .................529

Pennington, Robert, of London

pocket chronometer, no. 182 ..................435

Penrose, J. Doyle .............................................354

Penton, Charles, of London, turret clock, St Peter Port. 488-9
Percy Dawson Medal, 2004, Dr John C. Taylor .......653, 787
Perigal, Francis, lever escapement ..........54
Perret, David ................................................516
Perron, of Besançon .....................................64-5
Perron/Pichon, escapement, pin lever ........64

Perseus rescuing Andromeda, repoussé case .... 639
Peschoir ainé, of Paris, watch, quarter-repeat .......62, 63
Pethrick, Ernest, of Lydford, cabinet-maker ......246
petit bleu .....................................................756
Peyer Favarger & Cie, of Neuchâtel
railway chronograph, wall-mounted, Hipp toggle ....366-7
Phakomètre ................................................... 606
Pichon, of Geneva
pin-lever escapement ..................................64
Pickett, John, of Marlborough
watch, no. 141 ...........................................115

Pictet, Marc-Auguste, of Geneva .............181

Picture Gallery

Astronomical clock by John Naylor of London ..........73-7
Four-train Musical Clock, Samuel Deacon, 1790 ....1, 78-82
Gold Pocket Chronometer, David Morice, London ......636-7
Half-Quarter Repeater, Godfrey Poy, London ..........638-41
Jules Jürgensen watch no. 10672 .....................184-5
Leroy & Cie Chronometat III – Marine Chronometer with
Transistor Maintained Balance .................364-5
Monstrance Table Clock, Thomas Starck, 1620-289, 360-3
Peyer Favarger & Cie Railway Chronograph .....366-7
A Renaissance Clock Case ...............................453-5
Rolex ‘Prince’ wristwatch ...................................720
Thirty-hour Clock – Malkin of Kirkby ............368-9
Thos Ranger, Chipstead, 30-hour wall alarm ........718-19
Two Cuckoo Clocks by Johan Baptista Beha ..........186-91
A Victorian Strut Clock ....................................642-3

Wm Warren, London, 30-hr wall verge alarm ...... 716-17
Pierret, V.A., of Paris .........................................68
watches with lever escapement ....................69, 71
Piggott, R.K. (Keith) .............................................561

The Coster-Fromantel Contract, letter ..............800

Pinchbeck, Christopher, of London, astronomical clock ....30
pinion

hardness ...................................................483-4
Repair of Worn Clock Pinions and Pivots by
Laser Welding, Brian Coles and Peter Powell ..........480-4

Pitkin, James and Henry .........................261
Pius VII, Pope ....................................................767
Pius IX, Pope ....................................................774-5
pivot, Repair of Worn Clock Pinions and Pivots by
Laser Welding, by Brian Coles and Peter Powell ..........480-4
planetarium, Making a Replica of Dondi’s Planetarium,
lecture by Don Unwin ........................................ 659-60
planishing .....................................................85-7
plates, shaped
eagle, watch plate, John Smart’s patent ...........59, 60
Tompion, Thomas, longcase clock, no. 145 ..........463
Platt, Paul, meeting report .............................390-1
Plowman, Dr J. M.
Paws for Time? ..............................................525-6
Requests for Information, letter ...................402

pneumatic clock

Compagnie Generale des Horloges Pneumatique ... 758-9
Iowa ..............................................................757
Jauch, Karl, of Schwenningen ......................763-4
Junghans ......................................................761-3
Paris .........................................................754, 758-61
Pneumatic Clocks, by David Read ..................754-64
Pneumatic Clocks, lecture by David Read ..........522
Pneuora .........................................................761-3
St Louis ..........................................................757-8
Pneuora, pneumatic clock ............................761-3
Pogston, David Lewis

The Ulverston Bank Clock, reviewed ...............495

Police Page (items stolen)

Arnold and Dent, bracket clock .....................668
Barraud and Lund, of London
bracket clock, ebonised basket top ..................403
Police Page (items stolen), continued,
Boule clock on bracket........................................403
Cole, of Ipswich, dial clock..................................668
Cole, R., of Ipswich
drop-dial octagonal rosewood clock ....................668
French spelter and marble clocks .........................668
Moore, Thomas, of Ipswich
longcase clock, lacquered 8-day..............................668
Simpson, of Hadleigh
longcase clock, 8-day painted dial..........................668
Taylor, of Morpeth
longcase clock, 8-day painted dial..........................668
Ponsford, Clive
meeting report .....................................................114-15, 397-8, 662
Pook, Les, The Typhoo Metamec Clock, letter ...............525
Pope
Pius VII .................................................................767
Pius IX ......................................................................774-5
portrait
Aken, Willem Arie (Bill) van (1913-2004) .................696
Allen, Ralph ................................................................113
Bell, Alexander Graham ........................................473, 474, 475
Bell, Alexander Melville ......................................475
Boney, Guy ..................................................................386
Bourbon, Francisco d'Assis de .................................773
Bruhl, Hans Moritz, Count von .................................351
Caprara, Cardinal .....................................................767
Charles III, King of Spain .......................................445
East, Edward, London .............................................525
Ende, Hans van den ................................................511
Fellows, Sir Charles ..................................................610
Ferguson, James .......................................................175
George III .................................................................29
Green, Francis Herbert .............................................118
Griffiths, John .........................................................385
Heppleston, Peter .....................................................113
Hitz, John .................................................................475
Johnson, Samuel .......................................................350
Keller, Helen ............................................................473, 474, 475, 479
Moore, Sir Jonas .......................................................326
Mudge, Thomas .........................................................259, 350
arguable ..................................................................348
Nash, Teddy ................................................................113
Northcote, James .....................................................350
Palmer, Theophilia ..................................................348
Prior, Edward, London .............................................473, 474, 475, 479
Prior, George, watch, no. 16128, three cases ..............122
Priestley, Philip, American Pocket Watches, lecture ......261
Priestwood, Joseph, apprentice of Henry Jones ..........742
Priestwood, Joseph, chamber clock .........................661
Poy, Godfrie, of London
watch, no. 144, gold, half quarter repeat ..................638-41
Presgrave, David, meeting report .............................509-10
Prescott, Peter, of Leicester-Fields, watchmaker ...........528
Presgrave, David, meeting report .............................509-10
Pryor, Joseph, of Liverpool
night clock ...............................................................218
Rainbird, Dennis .........................................................518
Reynolds, Sir Joshua ................................................348
Robinson, E., of Ludlow ..........................................753
Robinson, Eileen .....................................................113
Safford, Bessie ..........................................................475
Shenton, Ken ............................................................257
Shenton, Mrs. R. K. (Rita) .........................................256, 383, 556
Smith, Donald ..........................................................113
Smith, M. M. (Michael) ............................................384
Sullivan, Annie .........................................................474
Taylor, Dr John C. .....................................................787
Tompion, Thomas ....................................................316
Watson, Chris ..........................................................383
William I, King (of Netherlands) ............................33
Wolfendale, Sir Arnold ..........................................383, 787
Zeeman, Jaap ..........................................................511
Potemkin, Prince Grigori Alexandrovitch ..................703-11
Pourvis, Jemes, of Salisbury, chamber clock ..............661
Pouzait, Jean-Moise, of Geneva
lever escapement ....................................................56
clock, calendar, centre seconds ..............................56
Powell, C, clerk to Tompion .......................................441
Powell, Edward .........................................................394
An Examination of World Globe Clocks .....................36-51
Undiscovered Tompions, letter ...............................664
reply by Jeremy Evans ............................................801
Powell, Peter, see Coles, Brian, and Peter Powell
Poy, Godfrie, of London
watch, no. 144, gold, half quarter repeat ..................638-41
Praegest, Dr. ............................................................472
Pratley, D. ...............................................................396
Pratt, Derek, The Jurgensen Family, lecture ...............394-5
Prescott, Peter, of Leicester-Fields, watchmaker .........528
Presgrave, David, meeting report .............................509-10
Prestwood, Joseph, apprentice of Henry Jones ..........742
Prior, Edward, London
watch, no. 47426, four cases .................................122
Prior, George, watch, no. 16128, three cases ..........122
Prior, Joseph, of Liverpool .......................................740
Prior Numbers, letter by Jeff Darken ....................122
Procris and Cephalus, depiction of .........................345
production 17th century clockmakers’ compared ...........725-6
Modern Watch Production, lecture by Tim Treffry ......263
rate, in 18th century .................................................575-6
Seventeenth and Eighteenth Century Clock Demand, Production and Survival, Chris Williams ........571-83
Pryor, Joseph, of Liverpool
night clock ...............................................................218
public, see timekeeping, public
Puja, pneumatic clock .............................................763-4
Pulsar, acquisition by Seiko .....................................116
push piece, divided ....................................................636
Putter, Josua de, notary ...........................................561-2, 567
Pyke, George, of London, bracket clock, automata organ ..........309

Q
‘Q’ factor
discussed in Marthys’ book .....................................374
Great Clock of Westminster ....................................665-7
quadrant, Tompion, Thomas ..................................324
Quare, Daniel, and Stephen Horsemann
bracket clock, no. 229, ebony, ¼ repeat, date, strike/silent, regulation ..................................................694
longcase clock, burr elm and walnut, month ............687

843
Quare, Daniel, of London ........................................................ 740, 741
barometer, no. 36, walnut portable pillar ................................. 430
bracket clock, no. 44, ¼ repeating timepiece .............................. 386
bracket clock, ebony, rise and fall, strike/silent .......................... 520
longcase clock, marquetry, month ¼ repeat .............................. 150, 293
longcase clock, walnut, month ................................................ 131, 518
travelling clock ........................................................................ 691
workforce ................................................................................ 723-4
Quarman, Samuel, of Temple Cloud
longcase movement, tidal dial .................................................. 662
quartz
accuracy .................................................................................. 116
The Development of the Quartz Watch at Seiko,
lecture by Bill van Aken ......................................................... 505-6
power reserve ......................................................................... 116
The Quartz Industry, lecture by Bob Miles ............................... 663
Use of Quartz in Oscillators, lecture by Tim Voore ................. 663

R
rack, see striking, rack
Radage, Dennis
Introduction to the Western Canada Section .......................... 518-21
portrait of ............................................................................... 518
Rae, Revd Peter, of Kirkconnel
longcase clock, astronomical and musical ............................... 388
Railway Clocks, by Ian P. Lynam, reviewed ............................. 376-7
Railway Clocks, lecture by Dr D. Parr ..................................... 505-6
Randall, Anthony G. ................................................................ 656
For your further reading ......................................................... 531, 804-5
obituary of Bill van Aken ........................................................ 696
Ranger, Michael, of London
Magellan, John Hyacinth de, longcase ................................. 175-6
Ranger, Thomas, of Chipstead, wall clock .............................. 718-19
Raymond, Charles, of Lydeway
longcase clock, 30-hour, side-by-side birdcage ....................... 661
Raysford, Francis
Clocks by Edmund Appley or Francis Raysford,
letter by Ken Sandalls ......................................................... 529
Reach for the Stars, lecture by Silke Ackermann ...................... 797-8
Read, David
Leroy & Cie Chronomat III ..................................................... 364-5
Peyer Favarger & Cie Railway Chronograph .......................... 366-7
Pneumatic Clocks ................................................................... 754-64
Pneumatic Clocks, lecture ..................................................... 522
Read, John, Japanese Clocks, lecture ...................................... 395-6
Read, John, of Bishop Stortford, lantern clock ....................... 520
Read, Matthew
Conservation and Preservation of Clocks, lecture ............... 266-7
Read, Vince .............................................................................. 394
Recordon late Emery, watch, no. 8986,
eary lever Lepine calibre ....................................................... 273-4, 400-1
Recordon, Louis
watch no. 7223, half ten-minute repeat ................................. 54
repeating, George III cipher .................................................. 30
Reede, Graaf van .................................................................... 36
regulation, Barrow type ......................................................... 129, 226
regulation, capstan
Tompion, Thomas, watch ...................................................... 336
regulation, rise and fall, see dial, rise and fall regulation
regulation, Tompion type ....................................................... 640
regulator
Tompion, Thomas, Greenwich Royal Observatory ................ 153
regulator, longcase
anonymous, mahogany, month going .................................... 91-5
Breguet, Abraham-Louis, no. 3177, twin pendulum .............. 312
Broom, John, of Castle Combe, tidal dial ............................... 115
Clerke, Royal Exchange, London, mahogany ....................... 130
Eliott, John ............................................................................ 456-9
Sharpe, William, of London, mahogany ............................... 6
Whiteside, of London, mahogany, striking ............................ 11
regulator, mantel, unknown maker, French ............................ 140
regulator, wall
Cumming, Alexander, of London, mahogany ........................ 25
remontoire, half-minute
turret clock, Chapel Stile, Elterwater ................................. 269
remontoire, weight
Breguet, Abraham-Louis, Paris
table regulator ..................................................................... 9, 140
A Renaissance Clock Case, Picture Gallery ......................... 453-5
Renaud, à Rouen .................................................................... 64
repair marks
Berry, 1832 ............................................................................ 42
on cruciform watch ............................................................... 775
Gent, Eric .............................................................................. 42
Jones, F., of Dents, 4.07 ....................................................... 42
Mitchell, H., 1858 ................................................................. 42
RB, 1841 .............................................................................. 90
Sayent, H., 1835 ................................................................. 42
on Weydman clock ............................................................... 609
Willis, J., May 1874 ............................................................. 90
Repair of Worn Clock Pinions and Pivots by Laser Welding,
by Brian Coles and Peter Powell ............................................ 480-4
repeat, see also snail
eyearly development of .............................................................. 584-601
Recordon, Louis, watch, George III cipher .......................... 30
Tompion, Thomas, bracket clock, no. 367 ............................ 4-5
repeat, double-six
Tompion, Thomas, bracket clock, ‘Swansea’ ......................... 585-6
repeat, five-minute, Recordon, Louis, watch, no. 7223 ......... 54
repeat, half-hour
Tompion, Thomas
longcase clock, no. 145 ..................................................... 462, 466, 467, 471
repeat, half quarter
Poy, Godfrie, of London, watch, no. 144 ............................... 638-41
repeat, hour
Blundell, Joseph, of Dublin
bracket timepiece, twin snail ............................................... 587-8
Delander, Daniel .................................................................... 587
Gregg, Francis ....................................................................... 587
Knibb, Joseph, bracket clock ................................................. 586-7
Magellan, John Hyacinth de
‘regulator-lantern’ clock ....................................................... 183
Smith, Gabriel, of Nantwich
bracket timepiece, twin snail ................................................ 587
Russells, of Liverpool ...............................................................776
Rugendas, Nikolaus, of Augsburg, sundial, horizontal..............602
Ruegger, of Geneva .................................................................65
Rudolf II, Holy Roman Emperor .............................................605
Rudd, Joshua, of Bradford on Avon, longcase clock ..............662
Rudall, Abraham, of Gloucester .............................................746
Routleigh, Edward, churchwarden of Lydford........................246
Routleigh, Susannah, of Lydford .............................................246
Roxbury, Massachusetts, see St Roche’s Lecture.....................762
Rudd, Joshua, of Bradford on Avon, longcase clock..............662
Rudolf II, Holy Roman Emperor .............................................605
Ruegger, of Geneva .................................................................65
Rugendas, Nikolaus, of Augsburg, sundial, horizontal.............602
Russells, of Liverpool

wrist-watch, made by Rotherham, 1898/9..............................272
Russia, Catherine II, Empress of............................................707-11

S

Safford, Bessie, portrait.........................................................475
Sainsbury
turret clock, Charbury, St Mary’s ......................................398
Sainsbury, Robert, of Chippenham, longcase clock, oak, 8-day, inside rack strike...114, 115, 661
St Louis, pneumatic clock.......................................................757-8
St Peter Port’s Town Clock, Malcolm Savage .....................488-9
St Petersburgh, Hermitage, see museum
St Roche’s Lecture
17 June 2004, The Pendulum, by Derek Roberts ...............315
advertised.............................................................................8
2 June 2005, Roxbury, Massachusetts:
Eight day movements and the English Connection
advertised.............................................................................544
Sandalls, Ken
Clocks by Edmund Appley or Francis Baysford, letter.......529
Sandrin, Daniel, London engraver...........................................214
Sarton, Hubert
skeleton clock, automaton ¼ strike, annual calendar ...427
Savage, George
two-pin lever escapement....................................................60
Savage, Malcolm, St Peter Port’s Town Clock ......................488-9
Sayent, H., repair marks........................................................42
Schatz, August, 400-day clock .............................................516-17
Scheveningen, clock by Huygens........................................570
Schitterer, Hans, locksmith ...................................................606
Schlesicky, F., of Frankfurt-am-Main
watch, gold keyless hunter, no. 38116...............................21
Schlottheim, Hans, nef or ship clock.................................603-6
Schmid, Werner, books by, reviewed

English Time Recorder Patents up to 1945.........................251
USA Time Recorder Patents up to 1945...............................251
Schout, Pieter Harmensen, witness.....................................567
Schraven, Thomas.................................................................764
Scobie-Youngs, Keith............................................................399
Scotland Yard, Art and Antiques Squad..............................795
screw, square headed..........................................................89
screw, tangent, see set-up, tangent screw
Scrivener, Richard, London engraver.................................214, 216
Season, Thomas, plumber [of Ludlow].................................750
seconds dial, see dial, seconds
Seignior, Robert, of London

bracket clock, ¾ repeating, early rack striking...............596
dispute with Henry Jones.....................................................194
night clock..........................................................................218
unusual signature on clock, possibly by Henry Jones 194-5
Seiko, history of and quartz development .........................116
Sellwood, William ..............................................................485, 494
set-up, tangent screw..........................................................640
watch, Smeaton, John, of York ..........................................615
Seton, Mary.................................................................338
Seventeenth and Eighteenth Century Clock Demand,
Production and Survival, Williams, Chris H.K......................571-83
Severn, Revd, of Hinckley ......................................................78
Sexton, Eric (1920-2005), obituary.........................................696-7
Seifert, Johann-Heinrich, lever escapement.........................54, 58
Sharpe, William, of London
longcase regulator, mahogany..............................................6
Sharples, James, blacksmith and artist, The Forge...............266
Shaw, John, of Holborne.......................................................741
Shenton, Dr F. G. A. (Alan) Award........................................106
marriage to Rita..................................................................556
Memorial Fund..................................................................557
Shenton, Ken......................................................................257-8, 396
appointed as Chairman of the Antiquarian Horological Society..................................................151
appointment as Chairman and brief biography..............257-8
Barometers, lecture.............................................................514
Chairman’s Report, 2005.....................................................785-6
portrait of............................................................................257
Sir Arnold Wolfendale honoured......................................501
Shenton, Mrs. R. K. (Rita)
book business...................................................................557
chairman of AHS................................................................557
contribution to Clocks........................................................556-7
death announced.................................................................432
elected as Vice-President of AHS.........................................382
obituary ............................................................................556-8
organised AHS tours............................................................557
portrait of............................................................................256, 383
retiring as Chairman of AHS..............................................151
tribute to, on retirement as Chairman of AHS...............256-7
Shepherd, galvano-magnetic clock, Deal............................560
Sherwood, John.................................................................742
Shutteworth, Francis, of Salisbury......................................97-8
sidereal time indication
Margetts, George, of London, watch..................................434-5
signature
Jones, Henry, of London, varieties engraved........194, 197
Tompion, Thomas, varieties engraved...............................197
Silvey, Graham, meeting report.........................................790-1
Simenon, Georges, writer....................................................761
Simpson, Jim, Malkin – Kirkby, letter.................................524
Simpson, of Hadleigh
longcase clock, 8-day painted dial (stolen).................668
sing-song trade (Chinese market).................................703

Antiquarian Horology

846
skeleton clock
Condliff, J., Liverpool, timepiece............................792
Condliff, James, Liverpool, chiming on 8 bells........539
Sarton, Hubert, automaton ¼ striking....................427
Whitehurst, John, of Derby, timepiece..................305
slate, use for sundials ................................................99
slave clock, pneumatic ........................................754, 757, 760-1
Smart, John, patent, watch back plate shape, eagle......59
Smeaton, John, FRS ..................................................95
Smeaton, John, of York
watch, pair-cased with date indication, c 1660s.........614-15
Smith, Alan
book review ......................................................98-9, 375-6, 777-8
Reconstructing an Orrery, lecture........................658-9
Sundial for Liverpool Museum, lecture..................658
Tompion replica ...................................................801
Smith, Donald, portrait of........................................113
Smith, Gabriel, of Nantwich
bracket timepiece, hour repeat using two snails........587
Smith, John, engraver ? of London........................214
Smith, John, horological author
Horological Dialogues, on repeating clocks.............584-5
Smith, John, of Pittenweem (Fife), longcase clock......519
Smith, M. M. (Michael)
portrait of .................................................................384
The Year of a Master, lecture .................................503
Smith, Michael, Spanish court clockmaker
letters to Mudge..................................................260
Smith, Nicholas (Nick)............................................399
Smiths of Derby, lecture........................................261-2
Smith, Roger, and Zek, Yuna
The Hermitage Peacock .........................................699-715
Smith, Roger, Watchmaking, lecture......................107
Smith, William, clerk to Tompion..........................440-1
Smiths of Derby, lecture by Nicholas Smith.............261-2
Smorthwaite, of Colchester, lantern clock...............114
Smythe, Thomas, engraver ......................................193
snail
double-six
Tompion, Thomas, bracket clock, 'Swansea' ............586
ravin in hour repeat work .........................................587-8
snailing, freehand..................................................643
Snow, John, of Wiltshire..........................................661
Snow, Nicholas, wall clock, alarm............................113
Snow, William, of Padside......................................576
Society of Antiquaries of London
Morgan, Octavius
exhibits a small clock and a planetarium................338
involvement in .......................................................337
Sorley, of Glasgow
table clock, oak with ormolu mounts, 30-hour........388
South Harting, chime mechanism..........................746
Spaander, Melgert, Tompion No. 145 –
a True Dutch-striking English Clock....................460-72
Spain, King of
Charles III, portrait of..........................................446
Francisco de Asis de Bourbon.................................770, 773
Smith, Michael, clockmaker to ................................260
Spain, Queen of, Isabella II ..................................769-70, 773

spadel
head in ruff pattern...............................................662
silver (?), Graham, George....................................554
silver
Delander, Daniel, of London
bracket clock, ebony, ½ chiming..........................135
Graham, George
no. 615, ebonised ¼ repeat timepiece....................417
Jones, Henry, bracket clock, ebony.......................229, 743
Speakman, William, London, signature...................447
specialist outworkers, 17th century clockmaking........725
Speidell, Francis, clerk of Clockmakers' Company......448
Spitter, Tom, see Darken, Jeff, and Tom Spittler
Spruce, Philip, John Naylor, Nantwich, Cheshire, letter........271
staartklok, separation of pendulum........................718
stackfreed, watch, GH, alarm, c. 1580....................609-10
Stanton, Edward, signature....................................447
Staark, Thomas, monstrance clock.........................289, 360-3
Staunton, Edward, of London................................194
steel, oxidised, see gunmetal
steel wool, use of..................................................791
Steenwijk, de Vos van............................................460, 472
Stevens, Samuel, of London, wall clock................111
Stitt, Mr, letters from F.H.Green.............................119
Stoker, Henry, of London, used internal rack...........600
stolen clocks and watches
Art and Antique Recovery, lecture........................794-5
for list of items stolen see Police Page
oldhaileyconline and Mudge no. 576,
letter by Jeff Darken.............................................528
Stone, John, of Aylesbury
bracket clock, musical mahogany..........................679
Stoner, David C......................................................394
A Longcase Clock by William Clement at
Maidstone Museum ...............................................654
meeting report ......................................................112-13, 266-7
stop-work
anonymous month going longcase regulator.............92
Deacon, Samuel, longcase clock musical train........630-1
Street, Richard, of London
watch, reversed fusee, 15 minute dial....................793
Strelly, Francis, of London.....................................201
strike/silent
Andrews, of Dover, cartel clock..........................518
Deacon, Samuel, musical clock.............................624-6
Ellicott, John, longcase clock.................................456-9
Graham, George, bracket clock
ebony, ¼ repeat, rise and fall.................................554
Lowndes, Jonathan
bracket clock, ebony ¼ repeat striking....................549
Magellan, John Hycinth de
regulator-lantern' clock .........................................183
Tompion, Thomas
bracket clock
no. 167, ebony ....................................................147
no. 203, ¼ repeating, ebony.................................17
no. 367, ebony ......................................................5
longcase clock, no. 145 ..................................461, 465, 466
| strike/silent, continued, |
| Tompion, Thomas, and Banger, Edward |
| bracket clock, no. 414, miniature strike repeat | 536 |
| striking, see also snail |
| striking, 12- and 24-hour |
| Starck, Thomas | 360-3 |
| striking, Dutch |
| Jones, Henry, of London |
| bracket clock 219, 221, 222, 224, 225, 227, 229, 230, 234 |
| longcase clock | 231, 237 |
| Tompion, Thomas, longcase clock, no. 145 | 460-72 |
| striking, grande sonnerie |
| Courvoisier, Frederic, of Chaux-de-Fonds |
| carriage clock | 687 |
| Jones, Henry, of London |
| bracket clock | 223, 230 |
| Knibb, Joseph |
| bracket clock, ebony, miniature, Phase II | 541 |
| mentioned by John Smith in 1675 | 584-5 |
| Pascal, Claude, Hague clock | 601 |
| Thomas Tompion’s Spring Clock Innovations, by Dr John C. Taylor | 153-72 |
| Tompion, Thomas |
| bracket clock |
| ‘Medici’ | 442-3 |
| no. 18, ‘Tulip’ | 438 |
| ‘Sussex’ | 154, 157-72, 268-9, 370-3 |
| Tompion’s Two-Train Grande Sonnerie Mechanism, by George Daniels | 370-3 |
| striking, half-hour |
| Gould, Christopher, of London |
| longcase clock, marquetry case | 143 |
| Quare, Daniel, and Stephen Horseman |
| bracket clock, no. 229, ebony | 694 |
| striking jack, see jack, striking |
| striking, Japanese | 396 |
| striking, passing |
| Tompion, Thomas, longcase clock, no. 145 | 462 |
| striking, quarter |
| Deacon, Samuel, musical clock | 620-5 |
| Jones, Henry, of London |
| longcase clock | 222 |
| Schlottheim, Hans, nef or ship clock | 605 |
| Tompion, Thomas, bracket clock, ‘Sussex’ | 162-7 |
| striking, rack |
| Barlow or Booth, Edward, contribution to | 588-90 |
| conversion of Henry Ireland lantern clock | 487 |
| development of, Who Invented Rack-and-Snail Striking?, by John A. Robey | 584-601 |
| Early Rack Striking, letter by John A. Robey | 402 |
| Hooke, Robert, contribution to | 589-90 |
| internal rack | 600 |
| Knibb, Joseph | 593-6 |
| rack tail, flexible | 599 |
| rack with two sets of teeth | 596, 598-9 |
| Sainsbury, Robert, of Chippenham |
| inside rack strike | 115 |
| saw tooth rack, development of | 587 |
| striking, rack, continued, |
| Tompion, Thomas |
| fixed, early striking system | 591-2 |
| ‘Sussex’ | 167-9, 268, 370-3 |
| unusual |
| Becker, Gustav | 590 |
| development of | 584-601 |
| Young, Henry | 596-601 |
| Who Invented Rack-and-Snail Striking?, by John A. Robey | 584-601 |
| striking, second hour (nachlal) | 607, 609 |
| striking, warningless | 504 |
| strut clock, Victorian, by WV | 642-3 |
| Stubs, Peter |
| Peter Stubs and Co., Warrington, lecture by Alan Treherne | 260-1 |
| Sullivan, Annie, portrait | 474 |
| sundial |
| Design and Construction of a Sundial for Liverpool Museum, lecture by Alan Smith | 658 |
| sundial, books reviewed |
| Basanta, José Luis, Relojes de Piedra en Galicia | 777-8 |
| Burge, Len, Cornish Church Sundials Surveyed and Investigated | 98-9 |
| Cowham, Mike, A Dial in your Poke | 375-6 |
| sundial, horizontal |
| Rugendas, Nikolaus, Augsburg | 602 |
| sundial, pocket |
| Cowham, Mike, A Dial in your Poke, reviewed | 375-6 |
| in Octavius Morgan’s collection | 602 |
| Tompion, Thomas |
| gold | 439-40 |
| ring | 440 |
| silver | 439-40 |
| Sundials, lecture by Doug Bateman | 796 |
| survival rate |
| Seventeenth and Eighteenth Century Clock Demand, Production & Survival, Chris Williams | 571-83 |
| Sutherland |
| Cromartie, 4th Duke of (1851-1913) | 38 |
| George Granville, 2nd Duke of | 50 |
| Svin’in, Pavel | 703 |
| Swallow, G.H. | 359 |
| Switzerland |
| Early Swiss Watches, lecture by David Thompson | 265-6 |
| Sykes, Geoff, Big Ben’s Country Cousin, lecture | 269 |
| Sykes, Joseph, and Sons, of Hull, iron importers | 260 |
| Synchronised Self-Winding Clock Company | 399 |
| T |
| table clock |
| anonymous Augsburg clocks | 698 |
| anonymous miniature, South German | 338-9 |
table clock, continued.

Jones, Henry, of London .............................................. 220
la Garde, Jean de, Blois, armillary clock ....................... 340-2
A Renaissance Clock Case ........................................... 453-5
Sorley, of Glasgow, oak, ormolu mounts, 30-hour ...... 388
Weydman, Lucas, of Krakow
tabernacle clock, dated 1648 ................................. 606-9
Taunton and Clorinda, depicted on enamelled watch case.. 345
Tavan, Antoine, pin-wheel escapement model ............ 62
Tavan, of Switzerland .................................................. 65
tavern clock
Cumming, Alexander ............................................... 414
Mayhew, William, of Woodbridge ............................. 520
Taylor and Company, Loughborough ......................... 746
Taylor, Dr John C.
Early Grande Sonnerie Mechanisms, lecture ............... 268-9
Percy Dawson Medal 2004 ........................................ 653, 787
Thomas Tompion’s Spring Clock Innovations .............. 153-72
Taylor, George, of Wolverhampton
bracket clock, perpetual calendar ........................... 297
Taylor, of London, lever escapement ......................... 55
Taylor of Loughborough, bell founder ...................... 506
Taylor, of Morpeth
longcase clock, 8-day painted dial (stolen) ................. 668
Taylor, Terry, *Experiences as an Apprentice*, lecture .... 662
Taylor, Thomas, of Holborn ..................................... 740
watch with touch pins on dial, lost .......................... 478
Teba, Countess (Empress Napoleon III) ..................... 769
Telax of Denmark, torsion clock .............................. 658
telegraph ............................................................... 656
pneumatic ............................................................ 755-6
temperature compensation, see compensation, temperature
Tennant, Leonard, of London
turret clock, Cassiobury Park .................................. 358
Tesmond, Michael
executor of Tompion’s will .................................... 451
silver montieth ...................................................... 441
tenant and friend of Tompion ................................. 441-2, 447
Thacke, Robert, London engraver .......................... 214
theodolite, Cizl, Martin, of Strasbourg 1769 ................ 606
Thoguet, Paris, verge movement, divided plates ....... 262
Thomas le Horologer, Ruthin ................................ 244
Thomire, bronze, on Breguet clock no. 449 ............. 312
Thompson, David ................................................... 311
The British Museum Clocks, reviewed .................... 646-7
The Early Collectors – Watch and Clock Collecting
in the 18th and 19th Centuries, lecture .................. 502-3
Early Swiss Watches, lecture ................................. 265-6
For your further reading ........................................ 123-4, 670-1
Richard Good, 1926-2003, obituary ....................... 28
hosts visits to British Museum
Students’ Room ...................................................... 259-60, 789-90
meeting report ...................................................... 107-8, 383-6, 655-6, 788-9
Octavius Morgan, Horological Collector
Part IV ................................................................. 337-47
Part V ............................................................... 602-18
The Pendulum, St Roche’s lecture by Derek Roberts.... 315
Pre-balance Spring Watches, lecture .................... 506-7
Watches 1675-1753, lecture ................................ 792-3
Thompson, David, and Paul Buck
For your further reading ........................................ 531-2
Thompson, of Dalkeith, see Brotherson and Thompson
Thompson, of Peterborough .................................. 746
thorn (þ), ‘ye’ and ‘the’ ......................................... 216-17
Thorowgood, John, London engraver ................. 214, 215, 216, 217
Thouverez of Paris, orrey ........................................ 658-9
three-wheel clock
Ferguson, James, design .................................... 176-8
Franklin, Benjamin, design .................................. 177
Magellan, John Hyacinth de, examples ................. 176-82
Thurmott, of Colchester
regulator made by Banister or Beasley/Bazeley ........ 402
Thwaites and Reed .................................................. 666
falling-ball clock ...................................................... 112
Thwaites, John, turret clock, at St Mary’s, Watford .... 799
Tidmus, Neil ........................................................... 396
Tiffany, torsion clock .............................................. 658
time ball .............................................................. 656
deal ................................................................. 559-60
time distribution ..................................................... 521-2
time gun .............................................................. 656
Time Museum, *see* museum, Rockford
time recorder, patents, *see* Schmid, Werner
Time Recorders from the Black Forest, exhibition .... 698
timecode, identifying TV frames ......................... 521-2
timekeeping, public
Curiosities of Public Timekeeping,
lecture by Chris McKay ............................... 656-7
Public Time – Social and Technical,
lecture by Chris McKay ........................................ 397-8
Timepiece for a Pontiff, Bedini, Silvio A ............ 765-76
Tipotius, J., *Symbola Divina et Humana*, 1601 .... 606-7
Tompson, Ann ........................................................ 451
Tompson, Elizabeth .................................................. 450
Tompson, James (brother of Thomas) .............. 318, 448, 450
Tompson, Margaret (sister of Thomas) ............... 318
marriage to Stephen Kent .................................. 325
Tompson, Thomas .................................................... 740
admitted to Clockmakers’ Company .................. 322
advertisement for lost watch ......................... 449
apprentice, Webster, William ......................... 451
*Tompson’s Apprenticeship*, letter by Jeremy Evans .. 667
baptism record ...................................................... 317
bell, St Laurence, Willington ............................... 318
birthplace (supposed) cottage ......................... 318
bracket clock
alarm, count-wheel strike, ¼ repeat (2x6) ........... 335
ebony, rise and fall, strike/silent ......................... 519
‘Medici’ .......................................................... 442-3
‘Mostyn’ .......................................................... 442
no. 18, ‘Tulip’, grande sonnerie ...................... 438
no. 21 and 23 ..................................................... 585-6
no. 36 .............................................................. 676
no. 53, ebony ¼ repeat timepiece ..................... 693
no. 167, ebony ................................................. 147
no. 203, ¼ repeating, ebony ............................ 17
no. 367, ebony ¼ repeat .................................. 4-5
Tompion, Thomas, *continued*,

bracket clock, *continued*,

no. 375 .................................................. 812
olivewood, alarm, Knibb workshop? .................. 334
pre-numbered, ebony, ¼ repeat timepiece .......... 437
silver dial-control ....................................... 442
'Sussex' .................................................. 153-72, 268-9, 370-3
design concept ........................................... 155
false pendulum ........................................... 156
flirt mechanism .......................................... 158-60
general ................................................... 153, 154
hour striking mechanism .............................. 167-9
pendulum locking system ................................ 156-7
quadrant dials ........................................... 155
quarter-striking mechanism ............................ 162-7
quarters then hour pump actions .................... 169-72
repeating mechanism ................................... 161-2
rise and fall mechanism ............................... 156
safety mechanisms ...................................... 172
strike train start and lock mechanism .............. 160-1
striking mechanism ..................................... 157-72, 370-3
'Swansea' .................................................. 385-6
walnut, made by Henry Jones? ......................... 335
business reorganisation .............................. 437
buying in of movements .............................. 334-5
clers .......................................................... 440-1
Clockmakers, Worshipful Company of, master .......... 447
diving bell, interest in .................................. 330
escapement, tenterhook/virgule ......................... 439
gravestone .................................................. 452
Greenwich year timepieces ................................ 324
guns, interest in .......................................... 330
household in 1695 ....................................... 444
hygroscope, assisted Conyers with ................. 325
lantern clock, no. 472, miniature .................... 114
longcase clock
astrolabic, month-going .................................. 333, 336
dandelion parquetry ....................................... 332
equation of time .......................................... 30
floral marquetry .......................................... 333
grande sonnerie, 'Chatsworth' .......................... 334, 335
no. 131, walnut grande sonnerie ....................... 433
no. 145, Dutch striking .................................. 460-72, 516
no. 311, walnut ........................................... 471, 472
no. 356, walnut, month .................................. 149
olive wood ................................................. 153
pre-numbered, walnut .................................... 438
pre-numbered, walnut and olivewood parquetry, 8
day, bolt and shutter .................................... 15
year-going, Towneley escapement .................... 664
named in 1670/1 rate book ............................ 316
numbering of products .................................. 437-9
portrait of ................................................... 316
premises at Fleet Street ................................ 326, 330-1
sub-let and co-tenants ................................. 331-2, 334
premises at Water Lane ................................ 322, 323
searched in 1671 ......................................... 321
quadrant, for Royal Society ............................ 324, 326
regulators, Greenwich Royal Observatory ........... 153
Tompion, Thomas, *continued*,
repeat, quarter .......................................... 587
'standard' mechanism .................................... 587
'Sussex' bracket clock .................................. 161-2, 370-3
'Swansea' bracket clock .................................. 586
shopkeepers .............................................. 440-1, 447
signature ................................................... 447
varieties engraved ....................................... 197
sundial
gold pocket ............................................... 439-40
ring .......................................................... 440
silver pocket .............................................. 439-40
*Thomas Tompion at 'The Dial and Three Crowns',*
by Jeremy Evans
Part I ...................................................... 316-36
Part II ...................................................... 437-52
*Thomas Tompion, letter by Michael Hurst* ........ 525
*Thomas Tompion's Spring Clock Innovations*,
by Dr John C. Taylor ................................... 153-72
letter by Fortunat E. Mueller-Maerki ................. 523
timepiece, dead-beat, for Sir Jonas Moore .......... 326, 327
*Tompion no. 149 – a True Dutch-Striking English Clock*,
by Melgert Spaander .................................. 460-72
*Tompion's Two-Train Grande Sonnerie Mechanism*,
by George Daniels ...................................... 370-3
turret clock
Brome ..................................................... 325
Hampton Court, Leominster ......................... 325
London, Wardrobe Tower ............................. 323-4, 326
*Undiscovered Tompions*
letter by Edward Powell ................................ 664
letter by Jeremy Evans .................................. 801-2
watch
balance spring, for Charles II ......................... 324, 327, 328
capstan regulation ....................................... 336
Cotrell, with unusual dial .............................. 336
no. 2635 ..................................................... 111
pre-balance spring ...................................... 324, 325
workforce .................................................. 723-5
Tompion, Thomas, and Banger, Edward
no. 414, bracket clock, miniature strike repeat .... 536
Tompion, Thomas, junior (nephew of Thomas) .... 448, 450, 451
Tompion, Thomas, senior (father of Thomas) ...... 317, 318
tools ......................................................... 110
brought to Northern Section *Club Night* .......... 390
Peter Stubs and Co., Warrington, lecture by Alan Treherne .......... 260
Villers-le-Lac, Musée de la Montre ................. 388-9
Topping, John
longcase clock, astronomical, centre seconds .... 388
torsion clock
Telavox of Denmark ..................................... 658
Tiffany ...................................................... 658
tortoiseshell, painted imitation ....................... 716-17
*The Touch of Time: Helen Keller and her Pocket Watch*,
by Silvio A. Bedini .................................... 473-9
touch-pins, *see* dial, touch pins
tourbillon watch
Breguet, Abraham-Louis, no. 1188 .................... 312

*Antiquarian Horology*
turret clock, continued,
Potts, William, and Son ........................................ 261
Roberts, Richard .................................................. 495
Manchester, St Ann’s ........................................... 521
Sainsbury .............................................................. 398
Smiths of Derby ...................................................... 261-2, 533
Tennent, Leonard, of London ................................. 358
Thwaites, John, and Co ......................................... 398
Thwaites, John, Watford, St Mary’s ....................... 799
Tompion, Thomas  .................................................. 325
Bromley Park ......................................................... 698
Brome ................................................................. 325
Carnarvon .............................................................. 244
Cassiobury Park ...................................................... 353-9
Chapel Stile, Elterwater .......................................... 269
Charlbury, St Mary’s ................................................ 398
Churchill, All Saints ............................................... 398
Cotehele ............................................................... 241
Ditchley Park .......................................................... 398
Dover Castle .......................................................... 241
Eynsham ............................................................... 577
Finmere ................................................................. 577
Gressenhall ............................................................ 264-5
Haddon Hall ........................................................... 241
Hampton Court, Leominster .................................... 325
Hampton-in-Arden .................................................. 752
Littlecote ............................................................... 533
Llanthony Priory ..................................................... 240-4
Ludlow, St Laurence’s church ................................ 746-53
Manchester
Cathedral .............................................................. 521
St Ann’s Church .................................................... 521
Town Hall ............................................................ 521
Norfolk Rural Life Museum, workhouse ................. 393
Norwich, Colegate, St Clement’s ............................ 393
Norwich, Thorpe Station ....................................... 393
Oxford
Merton College ..................................................... 398
New College ........................................................ 398
St Mary’s the Virgin ............................................... 398
Trinity College ....................................................... 398
Oxhey Grange ....................................................... 353-9
Salisbury Cathedral ............................................... 262
St David’s ............................................................. 244
St Peter Port .......................................................... 488-9
Stanford, Norfolk, All Saints .................................... 393
Stonesfield, St James .............................................. 398
Toledo, cathedral .................................................. 404
Tulliallan .............................................................. 110
Ulverston ............................................................... 495
V

Vasel, Wilhelm, strut clock possibly by .......................... 642-3

Vaucanson, Jacques

automaton .......................................................... 754-5

flute and tabor ................................................... 755

industrial automation ........................................... 755

Vacher Frères ....................................................... 64

Vaughaan, Charles, of Pontypool

Linnard, W., Charles Vaughan of Pontypool, review ......778

Vauquier, enamelled watch case .................................. 343

Venus, transit of

lecture by Peter Linstead-Smith ............................... 514

Vernon, Thomas, of Ludlow, research request ............667-8

VHI, initials on Tompion no. 145 ............................... 461

viatorium, see sundial, pocket ................................. 522

video editing .......................................................... 522

Vienna, pneumatic clock ......................................... 756-7

Vienna regulator

Becker, Gustav, unusual striking work ........................ 590

Vines, Matthew, of London

longcase clock, walnut .......................................... 290

Volckmer, Tobias, of Brunswick

drawing instruments, 1583 ..................................... 606

Vollgraff

transcribed Coster-Fromanteel contract ..................... 561, 800-1

Volta, Alessandro, Volta Bureau ............................... 475

Voore, Tim ............................................................ 522

The Use of Quartz in Oscillators, lecture ...................... 663

Vulliamy, Benjamin Lewis, of London

described globe clock ............................................ 42-4

mantel timepiece, no. 895, rosewood case ............... 23, 139

replacement movement ......................................... 42-4

Vulliamy, Benjamin, of London ................................ 173, 174

bracket clock ......................................................... 30

Vulliamy, François-Justin

........... see also Gray, Benjamin, and Justin Vulliamy

barometer ............................................................. 30

bracket clock ......................................................... 30

watch, cipher of Queen Charlotte ........................... 30

W

Waddington, Diana .................................................. 661

Waddington, Trevor

Clockmakers of Wiltshire, lecture ............................ 114-15, 661-2

meeting report ...................................................... 514-15

Wadsworth, J. H. F. (Francis) ................................. 392

waiting train turret clock

Watford, St Mary’s ................................................. 799

York, Terry’s factory ............................................... 663

Wales Clocks and Clockmakers, by W. Linnard, reviewed...377

Walford, Thomas, London engraver ......................... 214

Walker, Daniel, watch case maker ............................ 637

Walker, Richard ..................................................... 394

wall clock

........... see also regulator, wall; tavern clock; Vienna regulator

Green, William, of Milton-under-Wychwood ............ 111

Kirk, Joseph, of Nottingham

8-day, repeating with gathered rack .......................... 584

Mudge, Thomas, and Dutton, William

no. 87, mahogany drop dial timepiece ....................... 429

Oosterwijk, Severijn .............................................. 152

Ranger, Thomas, of Chipstead .............................. 718-19

Snow, Nicholas, alarm .......................................... 113

Stevens, Samuel, of London .................................. 111

Warren, William, of London ................................. 716-17

Woolley, James, of Codnor, 7 day alarm ................. 114

Waltham Watch Company ....................................... 261

Ward, Dr F. A. B., described globe clock .................. 42-4

Warner, John ......................................................... 665

Big Ben, Numerical Data, letter ............................. 666-7

Clocks Through my Workshop, lecture .................... 112-13

The Great Clock of Westminster, lecture ................. 509-10

meeting report ...................................................... 394-5

Notes on pendulum of Great Westminster Clock ........ 490-2

warning, see striking, warningless

Warren, William, of London

wall clock, verge alarm ......................................... 716-17

Wastell, John ......................................................... 392

meeting report ...................................................... 507-8
watch ........................ see also chronometer, pocket; montre à tact; watch, calendar; watch, keyless winding; watch, enamelled; ................................................. watch, form; wrist-watch
anonymous
Massey III lever ........................................... 59, 60
straight-line lever ........................................ 65
Banger, Edward ........................................... 448
Berninck, Jan, Amsterdam, enamel cased watch ...... 345
Bouguet, David, London, enamelled case .......... 343
Breguet, Abraham-Louis
no. 5, self-winding ¼ repeat ......................... 312
no. 1188, tourbillon regulator ......................... 312
nos. 45, 92, 160, 2727, 2784 ......................... 312
nos. 2336, 2807, 4290 ................................. 313
Ceuken, Philip van, The Hague, enamelled case, 343, 344
Crayle, Richard, of London, tulip form ............. 432-3
de Belle, of Paris
no. 4403, Martin-style lever ......................... 66
no. 4732, Mudge-Emery-Robin escapement ...... 60
Dent
no. 30542, chronograph ............................... 70
Robin’s escapement .................................. 71
Ellicot, John, equation, made by Mudge ............ 260
Emery, Josiah, of London, no. 661 .................. 53
Emery, Josiah, of London, no. 957, early lever ... 434
Ester, Henry, of Geneva, tulip form ................. 613-14
Frosham, Charles
no. 09874, gold open-face keyless ................. 543
GH, stackfreed, alarm, c. 1580 ...................... 609-10
Gheele, Glylis van ........................................ 611-12
Glaeser, Richard, of Glashütte and Dresden
gold keyless hunter, with box ....................... 21
Glay, Charles Hector
no. 2286, minute repeating, split seconds ...... 117
Grant, John, of London
no. 1408, two balance springs ..................... 435
Gribelin, Nicholas ................................. 346-7
Houghton, Jas, of Ormskirk, no. 1106, silver ..... 682
Isabel, à Rouen, no. 3541 ............................ 61
Jones, Henry, of London ............................. 234-5, 237
Barrow regulator ......................................... 129, 226
expanding hand ........................................... 129, 226
straight balance spring, 6 hour dial .............. 218
Jones, Henry, of London (perhaps)
straight-line balance spring ......................... 432-3
Kendall, Larcum
cylinder, 1776 .............................................. 558
regulator-style dial, 1776 ............................ 308
Kent, early ................................................. 574
la Garde, Jacques de, of Blois
spherical clock-watch .................................. 341
spherical striking ........................................ 432
Le Paute, of Paris, no. 1897 ......................... 66
Le Roy, Bazile-Charles, of Paris
quarter-repeat, independent seconds .............. 62
Le Roy, Julien, no. 4757 ............................... 53-4
Margies, George, of London,
mean and sidereal time ................................ 434-5
Martin, Vincent, of Saint-Brieuc .................... 57
Midnall, John, of London, ‘Puritan’,
associated with Oliver Cromwell ................. 612-13
Moyse of Blois, in the form of a skull .............. 337
Mudge, Thomas
no. 366, grande sonnerie ¼ repeat .................. 260
no. 407, minute repeating striking ................. 260
no. 574, perpetual calendar ........................ 260
Queen Charlotte’s lever ................................ 28, 30
Spanish Royal Court, signed Ellicott ............. 260
Mussard, Jean, Geneva, enameller
(attributed to Mulsund) ................................. 343
Pickett, John, of Marlborough, no. 141 ............ 115
Pouzait, Jean-Moise, of Geneva
calendar, centre seconds ............................... 56
Prior, Edward, no. 47426, four cases ............. 122
Prior, George, no. 16128, three cases .............. 122
Recordon, late Emery
no. 8986, early lever Lepine calibre .................. 273-4, 400-1
Recordon, Louis
no. 7223, half ten-minute repeat .................... 54
repeating, George III cipher ......................... 30
Robin, Robert, no. 42 .................................... 58
Robin, Robert, the son
no. 48, Robin’s escapement ........................... 61
Roussel et Fils, of Geneva, montre à tact .......... 476-8
Schlesicky, F., of Frankfurt-am-Main
gold keyless hunter, no. 38116 ....................... 21
Smeaton, John, of York
pair-cased with date indication, c 1660s .......... 614-15
Tompion, Thomas
balance spring, for Charles II ....................... 324, 327, 328
capstan regulation ........................................ 336
Cottrell, with unusual dial ........................... 336
lost watch advertisements ........................... 449
no. 2635 ...................................................... 111
pre-balance spring ........................................ 324, 325
Toutin, Jean and Henri, Blois enamel cases ....... 343
Uhrenfabrik-Union, of Glashütte
gold open-face keyless ................................... 21
Vulliamy, François-Justin, cipher of Queen Charlotte ... 30
Webster of London, no. 20602 ....................... 117
White, Joseph, and Son, Coventry
no. 2286, minute repeating, split seconds....... 117
no. 38715, tourbillon, case hallmarked 1909 ....... 117
no. 40353, Webster of London no. 20602 ......... 117
watch back plate shape, eagle, John Smart’s patent? 59, 60
watch, calendar
Mudge, Thomas, no. 574, perpetual ............... 260
Pouzait, Jean-Moise, of Geneva, centre seconds ... 56
watch case
eamel see watch, enamelled
consular, Morice, David, of London, no. 185 ...... 636-7
fish-skin .................................................... 638
watch, development of
Octavius Morgan’s views on ....................... 616-18
watch, enamelled
‘Battersea’ enamel ....................................... 347
Battersea Enamel Works ............................... 617
<table>
<thead>
<tr>
<th>Watch, enamelled, continued.</th>
<th>Westminster, Great Clock, continued.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berninck, Jan, Amsterdam</td>
<td>Notes on the Pendulum of the Great Westminster Clock, by John Warner</td>
</tr>
<tr>
<td>Bilston, enamel works.</td>
<td>pendulum bob ........................................ 490-2</td>
</tr>
<tr>
<td>Bouguer, David, of London</td>
<td>pendulum rod ........................................... 490, 491</td>
</tr>
<tr>
<td>Bouvier, Guillaume, of Paris</td>
<td>rating nut ............................................... 492</td>
</tr>
<tr>
<td>Ceulen, Phillip van, The Hague</td>
<td>regulating weights ................................... 491</td>
</tr>
<tr>
<td>Durant, Jean-Louis, Geneva, enameiller</td>
<td>suspension spring ................................... 490</td>
</tr>
<tr>
<td>Humbert, Les Frères &amp; Pastres, of Paris, no. 424</td>
<td>visit by Southern Section .......................... 397</td>
</tr>
<tr>
<td>Mussard, Jean, Geneva, enameiller</td>
<td>Westminster, of London, chronometer, 8-day .............. 428</td>
</tr>
<tr>
<td>Toutin, Jean and Henri, Blois, cases</td>
<td>Weydmann, Lucas, of Kraków 606-9</td>
</tr>
<tr>
<td>Vauquer ........................................... 343</td>
<td>whale, great blue ................................. 32</td>
</tr>
<tr>
<td>watch, form</td>
<td>wheel cutting engine ............................... 328</td>
</tr>
<tr>
<td>crucifix, <em>Timepiece for a Pontiff</em></td>
<td>Smith, Mr, engine maker ............................ 328</td>
</tr>
<tr>
<td>Morgan, Octavius, views on ......</td>
<td>Tompion, use of ........................................ 328</td>
</tr>
<tr>
<td>Moyse, of Blois, skull watch, 'Mary Queen of Scots' ... 338</td>
<td>wheel lock [pistol], nef or ship clock .................. 606</td>
</tr>
<tr>
<td>tulip, Crayle, Richard, of London</td>
<td>wheels, bevelled, <em>see</em> gearing .......................... 589</td>
</tr>
<tr>
<td>tulip, Ester, Henry, of Geneva</td>
<td>wheels, swash ............................................ 589-90</td>
</tr>
<tr>
<td>Uhrenfabrik-Union, of Glashütte, gold open-face ... 21</td>
<td>Whillis, Stewart ................................. 269, 398-9, 521</td>
</tr>
<tr>
<td>watch, repoussé, <em>see</em> repoussé case</td>
<td>white dial, square calendar aperture ................. 519</td>
</tr>
<tr>
<td>watch, self-winding</td>
<td>White, Sir George .................................. 452</td>
</tr>
<tr>
<td>Frodsham, Charles</td>
<td>presented Dingwall-Beloe lecture 2003 .............. 452</td>
</tr>
<tr>
<td>no. 09874, gold open-face keyless</td>
<td>White, Ian .................................. 797-8</td>
</tr>
<tr>
<td>Glaeser, Richard, of Glashütte and Dresden</td>
<td>book review ........................................... 249-50</td>
</tr>
<tr>
<td>gold keyless hunter, with box ...... 21</td>
<td>White, Dr John, <em>Barrel Organs</em>, lecture ........... 790</td>
</tr>
<tr>
<td>Schlesicky, F., of Frankfurt-am-Main</td>
<td>White, Joseph, and Son, Coventry</td>
</tr>
<tr>
<td>gold hunter, no. 38116 ..........</td>
<td><em>Joseph White</em>, letter by David Penney ............... 117</td>
</tr>
<tr>
<td>Uhrenfabrik-Union, of Glashütte, gold open-face ... 21</td>
<td>JW&amp;S stamp ........................................... 117</td>
</tr>
<tr>
<td>Watches 1675-1753, lecture by David Thompson .......... 792-3</td>
<td>watch no. 2286, chronograph, minute repeat,</td>
</tr>
<tr>
<td><em>Watchmaking</em>, lecture by Roger Smith .............. 107</td>
<td>split seconds ........................................... 117</td>
</tr>
<tr>
<td>Warwick, <em>see</em> Cassiobury Park; Oxhey Grange</td>
<td>no. 38715, tourbillon, case hallmarked 1909 ......... 117</td>
</tr>
<tr>
<td>Watkins, Richard, translated American and Swiss</td>
<td>no. 40353, Webster of London no. 20602 .......... 117</td>
</tr>
<tr>
<td><em>Watchmaking in 1876</em>, by Jacques David ........... 251</td>
<td>White, Sir George .................................. 198, 387</td>
</tr>
<tr>
<td>Watson, Chris, receiving Percy Dawson Medal ......... 383</td>
<td>White, Thomas, of London, longcase clock ........... 445</td>
</tr>
<tr>
<td>Watson, Samuel, of London clock</td>
<td>Whitehead, Richard, of London, sundial maker .... 439-40</td>
</tr>
<tr>
<td>Weaver, Richard, of New York, pawnbroker .... 479</td>
<td>Whitehurst, John, of Derby .......................... 263</td>
</tr>
<tr>
<td>Webster, Henry, of Aughton</td>
<td>skeleton timepiece .................................. 305</td>
</tr>
<tr>
<td>lantern clock, early rack-and-snail striking ........ 592-3</td>
<td>Whitehurst, of Derby, compass ...................... 111</td>
</tr>
<tr>
<td>Webster, of London, watch, no. 20602 ................ 117</td>
<td>Whiteside, of London regulator, longcase, mahogany, striking .... 11</td>
</tr>
<tr>
<td>Webster, William, of London, advertisement .......... 451</td>
<td>Wife Wanted [by Jonathan Frost],</td>
</tr>
<tr>
<td>weights, stone, Lanthony Priory clock .......... 242</td>
<td>letter by Laurence Harvey ........................... 802</td>
</tr>
<tr>
<td>welding, <em>Repair of Worn Clock Pinions and Pins by Laser Welding</em>, by Brian Coles and Peter Powell .... 480-4</td>
<td>Wiles, Stephen, of Chippenham ....................... 114</td>
</tr>
<tr>
<td>Wells, 'Jack Blandifer' ................. 748</td>
<td>William I, King (of Netherlands) .......... 33, 35</td>
</tr>
<tr>
<td>West Malling, Old Clock Shop ....... 392</td>
<td>William III, King of England .................... 472</td>
</tr>
<tr>
<td>Westminster, Great Clock</td>
<td>Williams, Chris H.K., <em>Seventeenth and Eighteenth Century Clock Demand, Production and Survival</em> .......... 571-83</td>
</tr>
<tr>
<td>bell ........................................... 510</td>
<td>Williams, Henry, Llanfairfan</td>
</tr>
<tr>
<td><em>Big Ben, Numerical Data</em> ..........................</td>
<td><em>Henry Williams, Llanfarfan</em>, by Cloutman and Linnard, reviewed .......... 251</td>
</tr>
<tr>
<td>letter by John Warner .............. 666-7</td>
<td>Wilson, Mike, meeting report ........................ 506, 659</td>
</tr>
<tr>
<td><em>The Great Clock of Westminster</em>, lecture by John Warner .............. 509-10</td>
<td>Wilson, of Birmingham, dial maker ................... 78</td>
</tr>
</tbody>
</table>
Wiltshire, Clockmakers of Wiltshire, lecture by Trevor Waddington .......... 114-15, 661-2
wind-dial, Arundale, Francis .............................................. 30
winding squares, extended .................................................. 715
Windmills and Elkins, London, longcase clock, walnut ........ 681
Windmills, Joseph, of London
   bracket clock
      ebony, calendar dial, arms of Kings of Hanover ........ 412
      walnut, ¼ repeat .................................................. 425
Wise, Richard, of London, longcase clock, marquetry .......... 143
Wolfendale, Sir Arnold ..................................................... 787
Golden Florin award conferred on ....................................... 501
portrait of ........................................................................ 383
In Times to Come – the Fate of the Universe, lecture .......... 383-5
Wolverstone, James, London engraver ............................... 214
Wood finishing, lecture by James Hardie ............................ 791
Woodforde, Parson James ................................................ 264
Woolley, James, of Codnor
   longcase clock, oak 30-hour ........................................ 297
   wall clock, 7 day, alarm ............................................. 114
Woolley, Thomas, of Charing .......................................... 575, 577-8
Woolley, William Gamble, of Tenterden ......................... 578
workforce
   17th century clockmakers' compared ......................... 722-5
   Knibb, John, of Oxford ............................................ 723-4
workshop
   17th cent. clockmakers' duration and workforce .... 722-5
   Tompion, Thomas ..................................................... 328
World Fair, St Louis, 1904 ................................................. 757-8
world globe, An Examination of World Globe Clocks, by Edward Powell .................................................. 36-51
worm-driven, pendulum regulation .................................... 459
Worshipful Company of Clockmakers, see Clockmakers,
   Worshipful Company of
   Worwick, Thomas, of Lancaster
      longcase clock, mahogany, Gillows style,
      lunar and calendar indication ............................... 11
Wraight and Woolley, of Tenterden ............................... 578
Wraight, Thomas, of Charing .......................................... 575, 578
Wren, Robert .......................... 392
Wright, Thomas, bracket clock, 3-train ......................... 30
Wrigley, Francis, of Manchester ................................. 746
wrist-watch
Development of the Wristwatch,
   lecture by David Penney ......................................... 389-90
   early development of ............................................. 118, 272
Longines (E. Francillon & Co.)
   chronograph no. 2974692 ......................................... 137
   Rolex 'Prince' ....................................................... 720
   various ................................................................. 685
Wych, David ............................................................. 742
Wyke and Green, fusee engine, no. 101 ......................... 110
Wynne, Bridget .......................................................... 742
Wynne, Henry, signature .............................................. 447

Y
York, Terry's factory, clock .................................................. 663
Young, Edward, Night Thoughts (1853) ......................... 93-4
Young, Henry, of London .................................................. 586
   longcase clock
      30-hour ................................................................. 793
      walnut marquetry, novel rack striking .................. 596-601
      advertised ......................................................... 18, 409, 426, 548, 809
Young, Henry, of London
   longcase clock, 30-hour, walnut case ....................... 11
Youngs, Robert .......................................................... 399

Z
Zantke, Hartmut, Louis-Benjamin Audemars,
   His Life and Work, reviewed ................................ 644-6
Zeeman, Jaap ............................................................ 516, 517
   meeting report ..................................................... 515-17
   portrait of ........................................................... 511
Zek, Yuna, and Smith, Roger
   The Hermitage Peacock ......................................... 699-715
Zoffany, Johan, portrait of George III ......................... 29
Zulichem (Huygens) ...................................................... 565
INDEX TO VOLUME TWENTY-NINE

Compiled by Andrew James

Page numbers in bold type denote an illustration

A

Abbing, Koen Roscom ..................................................... 114
Abell, Edward, bellfounder ................................................ 230
Académie Royale des Sciences ........................................... 645-6
Adam and Eve in the Garden of Eden, engraving ........ 831, 832
Adam, Robert, style .......................................................... 366
Adams, George, of London, horizontal sundial ................. 578
Adamson, Humphrey, of London, pirouette watch ............ .766, 767
Addison, John, of Askirgg, apprentice to Joseph Hindley 169
Admiral Lord Nelson’s Pocket Watch .................................. 156-7
van Aerssen family ........................................................ 665, 668

AHS (Antiquarian Horological Society)

for meetings see AHS, main meeting
for details of sections see AHS, name of section

AGM 2005 ................................................................. 97-100
Craftsmanship and innovation in London
Clockmaking 1600-1700, lecture by Dr John C. Taylor .............. 99-100
Pierre Frédéric Ingold, lecture by David Penney 98-9
President’s Address ...................................................... 97-8

AGM 2006
minutes ........................................................................ 702-3
notice ................................................................. 244
report ......................................................................... 705-7

AGM 2007
notice ...................................................................... 843
programme .......................................................... 839
proposals ............................................................. 408, 559, 697

AHS News

96-118, 244-69, 407-17, 559-70, 701-21, 843-60
Calendar 2005 .......................................................... 95
Calendar 2006 .......................................................... 243, 406, 558, 700
Calendar 2007 .......................................................... 842
Chairman’s Report 2006 ............................................. 701-2
council members, 2005-6 ............................................. 244
Dr Alan Shenton Award, 2005, David Read ................... 407, 705
Library Notes .......................................................... 96, 245, 407, 559-60, 703, 844
Marches section suggested ...................................... 571
paperweight, Society’s 50th anniversary ....................... 90
Percy Dawson Medal, 2005, Michael Page ...................... 407, 705
programme ........................................................... 544
Autumn 2005 ........................................................... 93-5
Winter 2006 ................................................................ 240-2
Spring 2006 ................................................................ 402-5
Summer 2006 ........................................................... 556-8
Autumn 2006 ........................................................... 698-700
Winter 2007 ........................................................... 840-1
publications .................................................................. 90-2, 239, 402, 544, 684, 836-7
Metamec – promotional slide show 1978 ....................... 91
Secretary’s Notes ........................................................ 96, 244
visit to Trento, 17-19 October 2005 ................................ 247-53
Website News .......................................................... 703-4

AHS, American Section

April 2005, Study Tour of The Netherlands ....................... 113-16
23 April 2005, ‘joint meeting’, Dutch Section .. 114, 416
August 2006, Study Tour of Southern Germany .......... 854-60

AHS, Dutch Section


lecture by Hans van den Ende .................................. 262-3
6 November 2004, Bring and Discuss ........................................ 263
2 December 2004, Visit to Sotheby’s ........................................ 263
12 February 2005, Sun pointing arrow,
lecture by Jan Pool and Kees Grimbergen ............. 263-4
23 April 2005, American Section Guests;
and Bring and Discuss .............................................. 114, 416
7 June 2005, Visit to Sotheby’s ........................................ 416
24 February 2006, Visit to Museum Boerhaave .... 715-16
1 April 2006, Bring and Discuss ..................................... 716
22 April 2006,
Visit to Museum Van Speelklok tot Pierement ........ 716-17
8 June 2006, Visit to Sotheby’s ..................................... 717-18

AHS, East Anglian Section

7 May 2005, Bring and Discuss ...................................... 105
24 July 2005, A Dial in your Poke,
lecture by Mike Cowham ........................................... 257
14 September 2005, Visit to Tymperleys ....................... 258
17 September 2005, Watch and clockmaking tools,
lecture by Ian Coote .................................................... 258-9
26 November 2005,
AGM, and Items from Manor House Museum .......... 413
28 January 2006, The Influence of Pierre Frédéric Ingold on the Development of Mass Produced Watches,
lecture by David Penney .............................................. 567
25 March 2006, Clockmaking in King’s Lynn 1600-1900,
lecture by John Webster ............................................ 567-8
27 May 2006, Automatic Teamaker Alarms,
lecture by David Stoner ............................................. 711-12
24 June 2006, Visit to Upton Hall ..................................... 712
29 July 2006, Liverpool Watches,
lecture by Alan Treherne .......................................... 850-1

AHS, Electrical Horology Group

21 May 2005, Gents of Leicester,
lecture by Colin Reynolds ........................................... 118
24 September 2005, Interesting Objects ....................... 267-9
26 November 2005, AGM, and Aron Pendulum Electricity Meters,
lecture by Dr Thomas Schraven ................................. 416-17
10 March 2006,
Visit to Science Museum Reserve ......................... 570
29 April 2006, Eureka Clocks ....................................... 720-1
23 September 2006, The Lowne Electric Clock Co.,
lecture by George Arthur ........................................... 860

AHS, International Lecture

21 September 2005, Dutch Clocks / French
Clocks 1657-1700, by Jaap Zeeman ......................... 246-7

AHS, Irish Section

9 September 2004, AGM .............................................. 264
14 October 2004, English Lever Pocket Watches,
lecture by Finbar Crowley ........................................... 264
19 November 2004, Irish painted clock dials,
lecture by Colman Curran and Martin Hennessey .... 264-5
9 December 2004, Early German Clocks,
lecture by Gerry McBrierty ....................................... 265
13 January 2005, Horology and the Internet,
lecture by Dave Gunan ............................................. 265
10 February 2005, Treasures of the NAWCC,
lecture by Martin Hennessey ................................ 265
AHS, Midlands Section
9 April 2006, Visits: Upton Hall; Southwell Minster .......... 102-3
4 May 2005, Dismantling and Reassembling a Marine Chronometer, lecture by Jim Arnfield .......... 103
1 June 2005, Wiltshire Clock and Watchmakers, lecture by Trevor Waddington ......................... 103
24-26 June 2005, Summer Tour, Dorset .................. 103-4
10 September 2005, Visit to Cheltenham ................. 256
5 October 2005, Fabregé Eggs, lecture by Charles Hadwell .......... 256-7
2 November 2005, Recent Discoveries, lecture by John Hooper .......... 411-12
7 December 2005, AGM, and Bring and Discuss ........ 412-13
1 February 2006, Watches 1675-1753, lecture by David Thompson .......... 565
1 March 2006, Some Thoughts on the Case of the Longcase Clock, lecture by Michael Legg .......... 565-7
22 April 2006, Visit to Thornton Gears ................. 710-11
3 May 2006, The Amazing Clocks of James Cox, lecture by Ian White ......................... 848-9
7 June 2006, Hands on Demonstration Evening ........ 711
10 September 2006, Visits: Gavdon; Chesterfield Mills ........ 849-50
4 October 2006, Langley Bradley, lecture by Brynn Hodgson .......... 849-50
AHS, Midlands Section, continued,
1 November 2006, Brocklesby Park Clock, lecture by Andrew King .......... 850
AHS, Northern Section
13 June 2005, The Sussex Tompion, lecture by Dr John Taylor .......... 102
15 July 2005, Club Night .......... 102
27 August 2005, Visit to Anglesey Abbey .......... 255
9 September 2005, Comtoise Clocks .......... 255
14 October 2005, Manchester Town Hall Clock, lecture by Keith Scobie-Youngs .......... 255
11 November 2005, Club Night, alarm watch .......... 411
9 December 2005, Social Evening .......... 411
13 January 2006, AGM, and Domestic Clocks in Manchester Town Hall, lecture by Alan Smith .......... 411
10 March 2006, Club Night, interval timing .......... 564
14 April 2006, Electric Clocks and the GPO, lecture by A.J. Wright .......... 564-5
11 May 2006, Club Night, items beginning with ‘G’ .......... 710
9 June 2006, Watches of the Royal Geographical Society, lecture by Viscount Midleton .......... 710
14 July 2006, Sundials .......... 710
11 August 2006, Jewelling, lecture by Dr Ian Greaves .......... 848
8 September 2006, Club Night .......... 848
AHS, Scottish Section
7 May 2005, Scottish Watch and Clock Making in the 18th Century, lecture by Dr Mich Dareau .......... 100-1
25 June 2005, Visit to Glamis Castle .......... 101
17 September 2005, Visit to Murthy Castle, Perthshire .......... 252-4
15 October 2005, AGM, and Bring and Discuss .......... 254
19 November 2005, Horological Lubrication, lecture by Gregor Campbell .......... 409-10
21 January 2006, Enamelling, lecture by Dorothy Cockrell .......... 410-11
18 March 2006, Torsion Pendulum Clocks, lecture by Graham Silvey, G. Campbell, and A McQuater .......... 562-3
8 April 2006, Restoration of a Musical Clock using Novel Methods, lecture by Jim Arnfield .......... 563-4
13 May 2006, Horological Metalurgy, lecture by Paul Craddock .......... 708-9
10 June 2006, Visit to Hill of Tarvit .......... 709-10
23 September 2006, Scottish Clockmakers — a Continuing Story, lecture by Dr Mich Dareau .......... 847
14 October 2006, AGM, and Tidal Clocks, lecture by Dr John Amson .......... 846-7
4 November 2006, Twenty-First Anniversary Dinner .......... 847-8
AHS, South Eastern Section
21-27 May 2005, Visit to Prague .......... 105-7
4 June 2005, Clocks in the Fitzwilliam Museum, lecture by Dr Colin Lattimore .......... 107-8
10 June 2006, Visit to Fitzwilliam Museum .......... 108
AHS, South Eastern Section, continued,
6 August 2005, Bring and Discuss .......... 108-9
1 October 2005, AGM, and The Birth of the British Synchronous Motor Clock, lecture, Peter Wotton .......... 259-60
3 December 2005, Filling a Hole, demonstration by Keith Davis .......... 414
Maidstone Museum, and Longcase Clock by Clement, lecture by David Stoner .......... 414
4 February 2006, ‘Commercial’ Turret Clocks, lecture by Mike Bundock .......... 713-14
1 April 2006, Military Timers, lecture by Mark Whylar .......... 568-9
3 June 2006, Viennese Clocks, lecture by Paul Archard .......... 714
5 August 2006, Pivoting a Centre Wheel, demonstration by Keith Davis .......... 851
24-29 August 2006, Tour to the Black Forest .......... 851
7 October 2006, AGM, and The Scent of Time, lecture by Bernard North .......... 851-2
AHS, Southern Section
16 June 2005, Bell-founding and the Whitechapel Foundry, lecture by Alan Hughes................. 260-1
17 September 2005, AGM, and Members’ Talks........... 261
5 November 2005, The Transit of Venus, lecture by Matthew Read .................................. 414-15
10 December 2005, Bring and Discuss .................. 414-15
18 March 2006, The Development of the Pocket Watch, lecture by Philip Priestley .................. 569-70
23 April 2006, Lancashire Watch and Clock Making, lecture by John Griffiths......................... 714-15
10 June 2006, Bring and Discuss ....................... 715
9 September 2006, AGM, and DVD, ‘Royal Music Machines’ ........................................ 853

AHS, Turret Clock Group
5 March 2005, The Harrison Turret Clock at Brocklesby Park, lecture by Andrew King ........... 116-17
29 April 2005, Visit to St Albans ......................... 117-18
15 October 2005, Visit to Dorset, AGM, Database, and Timing ............................................ 265-7
13 May 2006, Tour of Essex ................................. 718
14-15 July 2006, Tour of Gloucestershire .............. 718-20

AHS, West Country Section
18 June 2005
Floral clocks, lecture by Dave Richards .......... 109-10
Vaughans of Pontypool, lecture by Bill Linnard .109
22 October 2005
English table clocks 1650-1900, lecture by Trevor Waddington ........................................ 261-2
Restoring a longcase by Martin of Crosby, lecture by Ed Cloutman ....................................... 261-2
11 March 2006, Visit to Wales ......................... 570
17 June 2006, Jacob Lovelace and the Exeter Clock, lecture by Clive Ponsford ..................... 163
19 September 2006
Horological Postcards, lecture by Chris McKay. 854
Turret clock projects, lecture by K. Scobie-Youngs .............................................................. 853

Airis, Moise, of Blois, watch .................................................. 632
Alais, Moise, of Blois, watch .................................................. 632
Alamy, Sir George Biddell .......................... 524-5, 614-15, 625
Allan, William, of London, watch, no. 1416 ............ 560
Allam, William, of London, watch, no. 1416 ............ 614-15, 625
Allgemeines Journal der Uhrmacherkunst, volumes 1888-98, CD-ROM, reviewed ................... 399-401
Allix, Ollier  ............................................................... 861
Allix, Charles, and Giuseppe Brusa

The Eminent Pierre Le Roy in the Art of Timekeeping
Part I: Up to about 1765 ........................................... 645-62
Part II: Marine Timekeepers and Watches .......... 775-89
Almanus manuscript, analysis by John Leopold .......... 612
Ames, Richard, of London, lantern clock ............... 416, 746
Amis, Peter .............................................................. 527
Amoretti, wheel cutting engine, 1769 ................. 247
Amorini, Dr John, Tidal Clocks, lecture ............... 846-7
Andrews, William J.H.
Bibliography of Published and Manuscript Sources
Relating to John Harrison ............................................ 530-7
From the Writings of John Harrison, address ........ 461-2
Anglesley Abbey, visit by Northern Section ............ 255
Anglo-American Watch Company, of Birmingham .... 113
anomaly, in astronomical theory ......................... 62
Anschutz, Valentin, of London clock case maker .................. 353, 354, 571-2
Anson, Admiral Lord .................................................. 67
Antik-Uhrenmesse, Furtwangen ............................ 859
Antikythera mechanism
The Antikythera Mechanism and the Early History of the Moon-Phase Display, by Michael Wright .319-29
epicyclic gear design ................................................... 57-9
Epicyclic Gear and the Antikythera Mechanism,
Part II, by Michael Wright ................................. 51-63
evidence for moon-phase assembly ....................... 325-7
evidence of surviving fragments ......................... 322-5
fragments illustrated .................................................. 322-3
gear train reconstruction ....................................... 54-7
gear wheel analysis ................................................... 52-3

Tompion, Thomas, blued steel case, pull repeat ........ 108
Vulliamy, of London, no. 981, rosewood library timepiece, (stolen) .................. 301
Warren, William, of Royston
hooded wall verge timepiece, painted case ........ 122
alarm watch .............................................................. 15, 411
Cambi, Johan Rudolph, of St. Gallen
gilt-brass cased verge, c. 1640 .............................. 631
Carré, Jean, of Paris, silver cased verge ................. 633
Champagnieu, Claude, of Lyon, silver cased verge .... 632
Ester, Estienne, of Geneva, silver pair-cased verge .. 632
Flant, Jehan, of La Rochelle
gilt-brass and silver verge striking, 1609-1616 .... 631
Fortain, Augustin, of Paris, gilt-brass cased verge .. 633
Gruber, Michael, of Nuremberg, gilt-brass cased verge striking stackfreed alarm, c. 1610 ........ 631
Jaeger-le-Coultre, Memovox, (stolen) ................... 8, 9
Jaeger-le-Coultre, wrist-watch, (stolen) ................. 8, 9
Ramsay, David, of London, gilt-brass, c. 1620 ..... 642-3
Rugendas, Nikolaus, of Augsburg, gilt-brass cased verge striking, stackfreed, and stand, 1610-1620 ...... 631
Schegx, Abraham, of Nuremberg, silver cased verge .632
Spiegel, Joseph (signed Legeips), of Friedberg
silver repoussé and leather pair-cased verge
coach-watch, half-quarter-repeat ......................... 633
Vallier, Jean, of Lyon, silver striking calendar 208-10, 631
Alcorne, Richard ....................................................... 100
Alexander, John, of Edinburgh ............................ 100
Alexander, Robert, of Edinburgh .......................... 101
Allam, William, of London, watch, no. 1416 .......... 339-41
Allgemeines Journal der Uhrmacherkunst, volumes 1888-98, CD-ROM, reviewed ................... 399-401
Allix, Charles
Pierre Le Roy, reply to letter by Jonathan Betts .... 861
Allix, Charles, and Giuseppe Brusa

The Eminent Pierre Le Roy in the Art of Timekeeping
Part I: Up to about 1765 ........................................... 645-62
Part II: Marine Timekeepers and Watches .......... 775-89
Almanus manuscript, analysis by John Leopold .......... 612
Ames, Richard, of London, lantern clock ............... 416, 746
Amis, Peter .............................................................. 527
Amoretti, wheel cutting engine, 1769 ................. 247
Amorini, Dr John, Tidal Clocks, lecture ............... 846-7
Andrews, William J.H.
Bibliography of Published and Manuscript Sources
Relating to John Harrison ............................................ 530-7
From the Writings of John Harrison, address ........ 461-2
Anglesley Abbey, visit by Northern Section ............ 255
Anglo-American Watch Company, of Birmingham .... 113
anomaly, in astronomical theory ......................... 62
Anschutz, Valentin, of London clock case maker .................. 353, 354, 571-2
Anson, Admiral Lord .................................................. 67
Antik-Uhrenmesse, Furtwangen ............................ 859
Antikythera mechanism
The Antikythera Mechanism and the Early History of the Moon-Phase Display, by Michael Wright .319-29
epicyclic gear design ................................................... 57-9
Epicyclic Gear and the Antikythera Mechanism,
Part II, by Michael Wright ................................. 51-63
evidence for moon-phase assembly ....................... 325-7
evidence of surviving fragments ......................... 322-5
fragments illustrated .................................................. 322-3
gear train reconstruction ....................................... 54-7
gear wheel analysis ................................................... 52-3
prediction of eclipses by ..............................................63
reconstruction by Michael Wright. 59, 321-2, 327-9, 705
restoration of moon-phase display ........................................327-9
Antiquarian Horological Society, see AHS
Antiquarian Horology
applications sought for editorship ........................................843
index to Volume XXVIII ..................................................559, 611
Antiquaries, Society of, see Society of Antiquaries of London
apprentices, list of known, of
  Hindley, Henry, of York .................................................. 169
  Hindley, Joseph, of York .................................................. 169
AR (maker’s mark) (Germany), gilt-brass cased verge
clock-watch with stackfreed, 1600-1650 .........................630
Arabia, Lawrence of, visit to grave .................................. 104
Archer, Paul, Viennese Clocks, lecture ................................714
Ardid, Miguel Joaquim, engraver (?) .................................. 834
‘Arithmetical Jewel’
  Pratt, William (England), ivory, 1616 .............................. 635
Armand, Jean Abraham,
  ‘Arithmetical Jewel’, ..................................................... 287
Arnold, John, of London ................................................... 614
  pocket chronometer, no. 485/786 ................................. 615
  watch
    enamelled, minute repeating ...................................... 572
    finger ring ¼ repeating ................................................ 639
    keyless work ..................................................................287
Arnold, John Roger ........................................................... 524
  pocket chronometer, no. 51, in display case .................... 591
Aron, Hermann,
  Pendulum Electricity Meters of Hermann Aron
    lecture by Dr Thomas Schraven .................................... 416-17
Aron, Manfred .................................................................. 417
Arsandiaux, marine timekeeper ................................……780
Arsenius, Walter, of Leuven, brass astronomical ring dial, c. 1570 ..............................................635
Artemis, depicted ..................................................................201
Arthur, George .................................................................. 268
The Loven Electric Clock Co., lecture ............................... 860
Arzt, Johann Martin, automaton clock ............................ 856
  assay marks, Stockholm ................................................ 334
  assembly, incorrect ......................................................... 327
astrolobe
  Linden, Johann Anton, of Heilbronn, c. 1580 .................. 634
  Volckmer, Tobias, of Brunswick, dated 1594 ................... 634
astrolabic clock
  anonymous, France 16th century .................................... 560
  anonymous, Spain ? Middle East ? ................................. 631
  Tompion, Thomas, longcase, month marquetry ................ 108
Astronomer Royal, see also Wollendale, Sir Arnold
  Airy, Sir George Biddell .................................................. 524-5, 614-15, 625
  Bliss ..................................................................................468
  Bradley, James ............................................................... 470
  Christie, William ......................................................... 626-7
  Dyson, Frank ................................................................. 626-7
  Halley, Edmond ............................................................. 468
John Harrison and the Astronomers Royal of his Period,
  by Sir Arnold Wollendale .............................................. 468-74
  Maskelyne, Nevil ............................................................ 472, 473
  Pond, John ........................................................................524, 614, 615
  astronomical clock
    anonymous, Nuremberg, table clock .............................. 629
    Bertolla, Bartolomeo Antonio, of Trento, longcase chiming .......................... 251-3
    Ellicott, John, junior, ‘Terrestrial and Celestial’ pair .... 130
    Hahn, Philipp Matthäus ................................................ 859
    Lang, Hans (1626) ....................................................... 859
    Reinhold, Johann, of Augsburg .................................... 854-5
    Vallin, Nicholas, horizontal table clock ........................ 100
  astronomical compendium
    anonymous, Augsburg, gilt-brass .................................. 634
    anonymous, Germany, gilt-brass .................................. 634
  Athena, depicted ............................................................ 201
Atnkins, Charles Edward, of London ..................................723
Atnkins, Michael Thomas, of London, watch case pendant
  maker, Josiah Bartholomew, London, watch no. 4681 194
Atnkins, Samuel Elliott, of London, Samuel Atkins and Harrison’s H5, letter by Sir George White 722-3
  atmospheric clock, Whiteman & Bass, of London ....... 238
Atwood’s Machine timer ....................................................105
Augarde, J-D ................................................................. 650
Augsburg clock
  anonymous, masterpiece clock ....................................... 560
  Haug, Samuel, grande sonnerie striking 560-1, 629, 636
  Augustine, Saint, definition of time ..................................463
  Auricoste, J., Horloger de la Marine d’Etat ....................... 775
  automata, musical box ...................................................109
  automaton, anonymous, elephant .................................. 630, 644
  automaton clock
    anonymous
      Augsburg?, with figure and dog ................................. 630
    Poland, cow, farmer, milkmaid 214, 561, 630, 636-7
  Arzt, Johann Martin ...................................................... 856
  Cox, James ...................................................................... 600
  DH mark, stackfreed, Adam and Eve ..............................639
  Gutbub, Hans, of Strasbourg, horizontal table clock, c. 1600 ..................................................629
  Halleicher, Johann Otto, of Augsburg, table clock with griffin, c. 1640 ..................629
  Mottram, John, bracket clock, musical ................................255
  Schmidt, Carol, of Augsburg, with figure, c. 1625 630
  Wells Cathedral, ‘tournament’ drawn by Henry Palfrey ..........193, 643
  automaton watch ............................................................449
  Rich, John (attrib), cherubs at work ............................... 151
  Aveline, Daniel, watch case maker .................................. 346
  Aveline, Laura, watch case maker ................................... 346
  Aveline, Mary, watch case maker ................................... 346

B
Bacon, of Dover, turret clock ..............................................714
Bailey, Edward Branston, of London, watch case maker 494
Bain, Alexander
  clocks in Science Museum reserve ..................................570
  electric clock, oldest still running .................................859
Baker, J., of Newcastle, musical clock ..................................564-5
Baker, Paul, Jean Fontaine, letter .......................................418
  balance
    iron .............................................................................121
steel, gold-studded........................................785
suspended, Le Roy, Pierre.........................776-7, 779
balance bridge
GR initials (Gustavus Rex)............................331, 332
Wallruijs of Norkoping.................................331
Ward, John, of London.................................331
balance, compensation
Arnold’s ‘Z’ ..............................................591
Brockbanks’ 3-armed ..................................138
balance, compensation, continued,
double-L ..................................................7
Huber, Johann Jakob ................................223
mercury .....................................................776
Le Roy, Pierre ............................................777
balance, double
‘beam and string’ linkage............................769, 770
Huber’s proposal .......................................226
Leibnitz’ proposal .....................................764
Tompion, Thomas ......................................764, 765, 770
balance limiting device
Brockbanks, of London, pocket chronometer no. 520138
balance spring
bristle.....................................................121
double ‘Jack-in-the-Box’...............................763, 764, 765
Le Roy, Pierre ..........................................776-7
The Early English Balance Spring Watch: a brief history,
by Martin Ball .........................................760-74
free-sprung, first use of, Le Roy, Pierre ........776-7
Hooke’s looping ........................................769
Huygens’ design ......................................663
Hooke’s reaction .......................................663-4
balance, variable geometry, Leibnitz’ proposal763, 764, 765
balance wheel
Pennock, John, of London, lantern clock ......411
Ball, Alfred ..............................................118
Ball, Martin
The Early English Balance Spring Watch:
a brief history........................................760-74
Pendulum Watches for the Pocket, book, advertised 579
Balliol College, Oxford .............................32
Barclay, Thomas, of Montrose, bracket clock 709
Barnard, Emma .........................................34
portrait of................................................34
Barnard family of Haslingfield ....................30, 34, 35
Barocci, Giovanni, of Urbino, watch, oval, 1563....248
barometer
Delander, Daniel, ebony and silver, (stolen) .........295
Louis XVI, carved and gilded .......................274, 752
pillar portable, (stolen) ..............................302
walnut marquetry, (stolen) .........................302
Barr, Wendy
Membership Reminder ..................................844
Secretary’s Notes ........................................96, 244
Barr, Wendy, and David Stoner
An Entertainment of Horological Readings and Poetry ..............................................................260
Barralet, Antony .........................................352, 354
Barraud, of London
chronometer, marine, no. 2636, integral winder ....434
Barrett of Ashford, turret clock, Charing (Kent) ...372-3
Barrett, William, of Ashford .......................372-3, 376, 393
Barrett, William, of Ashford, junior ................393
Barrow, Nathaniel, watch .........................565
Barrow-on-Humber ...................................475
Bartholomew, Josiah, of London
watch, no. 4681, triple-case Turkish market ....194-5, 633
Barton, John, of London
watch, No. 1420, with Harrison portrait .......540
Barwise/Huddlestone, longcase regulator, month 287
Baskerville, Brian ........................................25
basket top case
Cattell, William, of London .......................301
Gretton, Charles, of London .................862-3
Hodges, Nathaniel, of London ....................876
Tompion, Thomas ....................................292
Williamson, Robert, of London .................596, 744
Basle, University Library .........................224-6
Basler, Simon, Louwne slaves, talk ..............269
Bateman, Douglas A., For your further reading ....123, 577
Bateman, M.L. ..........................................26
Batty, Joseph, of Halifax, use of the ‘Good Engraver’ 564
Bauhe, of Yerville, Comtoise clock, 3-train 8-day verge 255
Baudet, of Lyon .........................................177
Beal, J.J., fusee clock, American ...............102
bearing, anti-friction
Huber, Johann Jakob ................................223
Le Roy, Pierre (1717-1785) .......................660
Beck, see Bentley & Beck, of London
Becket, James, of Dover
longcase clock, walnut, (stolen) ..................271-2
Beckmann, W., photographer .................690-1
Beeching, John, hands for Charing clock ......385-6
Beham, Jacob, of Vienna, falling globe clock, c. 1675-630
Bell, Alan ..............................................105
bell founder
Abell, Edward .........................................230
Bell-founding and the Whitechapel Foundry,
lecture by Alan Hughes .........................260-1
Dobson, William, of Downham, trade card .....800-1
bell hammer, Harrison, John, longcase clock ......488
Bell, John, of London ................................494
bells, ships’ ............................................83, 84
Bellune, watch case maker .........................493-4
Belmont House, see collection
Belville family, Maria and Ruth Belville: Competition for
Greenwich Time Supply, by David Rooney ....614-28
Belville, John ........................................614-15, 625
grave .....................................................615
Belville, Maria .........................................615, 623, 625-6
portrait ....................................................616
Belville, Ruth .........................................615-18, 621, 624-5, 626-7
portrait ....................................................624, 628
Benbow, Thomas, of Newport, Shropshire, bracket clock262
Bennet, John, of London .........................767-8
tavern clock, lacquered case ......................450
Bennett, Dr J. A. (Jim) ................................337
Bennett, Francis ........................................711
Benson, James W., of London
James W. Benson of Ludgate Hill Turret Clock Makers,
by Mike Bundock and Chris McKay, reviewed ..696
turret clock, Fulfield, Eastwood Park .............718
Bentley & Beck, of London, pocket chronometer no. 932-7
Bentley, ‘earth driven’ clock .........................570
Bergauer, Michael, of Innsbruck, mechanical universal
equinocital dial, c. 1670 .........................635
Bergier, of Paris, silver and leather pair-cased verge watch .632
Berger family, of Nuremberg ......................48, 50
Bernick, Jan, of Amsterdam
watch, gold and painted enamel pair-cased verge ...633
Bernoulli, Jean ........................................523
Berry, James, of Prescot ..................................................112
Berthoud, Ferdinand
Histoire de la Mesure du Temps ...................................639
on Le Roy’s Montres Marines ...........................................775
publications .....................................................................781
timekeepers nos. 6 and 8 ..............................................780-1
Bertin, Jean, of Meux, Comtoise clock, month verge .......255
Bertolla, Bartolomeo Antonio, of Trento
longcase clock, astronomical chiming ..........................251-3
Bethersden, Kent
church clock repair ..........................................................81
churchwardens’ accounts ..............................................69
Betts, Jonathan ..................................................................25, 530
The Birth of the Modern Chronometer, lecture .............409
The Church Clocks of Charing, letter ..............................722
ccontributor to Precision Pendulum Clocks .....................397
The Fate of Harrison’s Timekeepers ................................522-7
obituary of Beresford Hutchinson .................................457-9
Pierre Le Roy, letter ..........................................................861
Rupert Gould and his Contribution to Horology, lecture ......265
Time Restored, reviewed ..............................................692-6
Beyer, William, of London
longcase clock, astronomical and equation .....................747
Bibb, Francis, of Ludlow ..................................................228
Biesta, Jean, of Paris ........................................................101
marine timekeeper ................................................................780
Big Ben, see Westminster, Great Clock
Billib, Edward, of Cheshowke, lantern clock .....................153
bimetal, use in kettles ......................................................758
binnacle timepiece, Morris Tobias no. 283 ......................83-4
bird
maker’s mark?, 3-train mid 16th-cent table clock ..........834
Bird, Clifford
The Fall and Rise of the Gressenhall Clock, letter ..........724
lecture report ..................................................................258, 567-8, 711-12
Bird, Derek, Two Magneta movements, talk .....................268
Bishopp, Jonathan, of London, engraver ............................790
Black Forest clocks, Auf der Höhe ... reviewed ..............235
Black Forest, tour by South Eastern Section ......................851
Blender, Ekkehard, and Beatrice Techen (Eds)
Auf der Höhe: Zur Geschichte der Uhrmacherrei
in der Region Eisenbach im Schwarzwald, reviewed ..235
Bloud (workshop), of Dieppe, ivory diptych dial, c. 1670 ......634
Blount, John, of Ludlow ....................................................227
Bonnet, Charles, of Geneva
gilt-brass and rock-crystal cased verge watch .................632
Bockelts, Jan Janssen (the Younger), of Haarlem
watch, verge striking ....................................................210-12, 631
watches surviving by .......................................................830
Bockelts, Jan Janssen (the Younger), of Haarlem
‘Puritan’ Style Watch with Centre Seconds, c. 1630, ..note by David Thompson 827-30
Bocquet, Paul, jeweller .....................................................354
Boddington, W., of Altrincham
watchpayers, 1848, 1850 ..................................................354
Boerhaave, Herman ..........................................................716
Bond, Henry, longitude problem proposal ......................767, 770, 771
Bonniksen, Bahne, Bahne Bonniksen and the
Karrusel Watch, lecture by Claire Woodward .................845-6
book, see also book review
book, advertised
All in Good Time, by George Daniels ..............................748
The Excitement of Time, by Dr John C. Taylor and Sir Arnold Wolfendale 593
Harrison in the Abbey, compiled by Sir Arnold Wolfendale 442
Pendulum Watches for the Pocket, by Martin Ball ............579
Thomas Tompion at the Dial and Three Crowns, by Jeremy Evans..................92, 239, 402, 544, 684, 837
book review
Allgemeines Journal der Uhrmacherkunst, 1888-98, CD-ROM .................................399-401
Betts, Jonathan, Time Restored, reviewed ......................692-6
Blender, Ekkehard, and Beatrice Techen (Eds), Auf der Höhe: Zur Geschichte der Uhrmacherrei
in der Region Eisenbach im Schwarzwald .................235
Bundock, Mike, and Chris McKay, James W. Benson
of Ludgate Hill Turret Clock Makers .........................696
Cowham, Mike (Ed.), Sundials of the British Isles 236-7
Daly, Anthony, Ormskirk Clock and Watchmakers ...838
Evans, Jeremy, Thomas Tompion at ‘The Dial and Three Crowns’ 554-5
Grimwood, Peter, Moon Mechanisms, a Restorer’s Guide ..................398-9
Hojmajers, Hans, Telling Time – Devices for Time
Measurement in Museum Boerhaave ..............................237-8
Lennox-Boyd, Sir Mark, Sundials: History, Art, People, Science ..................552-4
McKay, C. G. (Chris), John Moore and Sons
of Clerkenwell Turret Clock Makers .........................696
Matthews, Martin, Engine Turning (DVD) .......................838
North, John D., God’s Clockmaker:
Richard of Wallingford and the Invention of Time ........401
Pennan, Laurie, The Carriage Clock, A Repair and
Restoration Manual .........................................................88
Potts, Michael S., Potts of Leeds, Five Generations of Clockmakers550-1
Roberts, Derek
English Precision Pendulum Clocks .................................550
Precision Pendulum Clocks, The Quest for Accurate
Timekeeping .....................................................................397
Romeyn, Van de Plas, Brinkkemper, Cremers, and
Mildema, Torenuurwerken, Tijd voor Iedereen ..........398
Whyte, Donald, Clockmakers and Watchmakers of Scotland 235-6
book review (CD), Earl Shilton Old Clock Club,
Leicestershire Clocks + The Deacon Workshop ..........89
book, title page
Derham, William, The Artificial Clockmaker .....................806
Le Roy, Pierre, Étrennes Chronométriques, 1760 ......648
Sauer, Christopher, of Philadelphia, Biblior, 1743 . 821-3
Smith, John, Horological Dialogues ................................806
Booth, John, of London ...................................................101
Bosville, John, apprentice to Henry Hindley ....................169
Bouet, Francois, watch case springer and liner ............352, 354
Bouguet, David, of London, painted enamel watch .........632
Bouguet, Solomon, of London, gold clock-watch ..........632
Boulde, Walter, of Ludlow .............................................228
Boursier, Léon, turret clock, Digne-les-Bains, estimate ........175, 178
Bouvier, George, of Paris, gold, enamel, gilt-brass and
leather triple-cased verge watch (case) .......................633
Bovy, J-E. Antony, of La Chaux-de-Fonds, trade card 796-7
box, great ..................................................................357
bow, Grillet’s ..........................................................357
bow, little ..................................................................357
bowties (wood jointing) ..................................................509
Bowyer, William, of London, lantern clock .....................411
box, three-piece for deck watch, Brockbanks .................138
Boxell, Thomas, of Brighton, tripod clock, month .........282
boxwood, use by Harrison ...........................................488, 500-1, 503, 511
Boyle, Robert, watchmaker..........................353, 354
bracket clock, see also mantle clock; table clock
Barclay, Thomas, of Montrose.........................709
Benbow, Thomas, of Newport, Shropshire.............262
Bridgeman, Edward, of Covent Garden, rosewood, repeating..........................741
Bushman, John, alarm......................................412
Cattell, William, of London, ebony, (stolen).............301
Chater & Sons, of London
strike/silent and calendar dials..........................601
Chuter, James, chinoiserie decoration..................108
Decharmes, Simon, of London
musical, calendar and ¼ repeat..........................607
Delander, Daniel, ebony, grande sonnerie, (stolen).....294
Dunlop, Conyers, of London ebonised, striking, verge .............................................440
Dutton, William, & Son, of London, no. 353, timepiece, silent anchor escapement, rise and fall........139
East, Edward, of London..................................412
Elicott, John, junior, of London musical chiming, calendar, moonphase, (stolen)...297
red lacquer, ¼ striking........................................154
walnut.............................................................313
walnut, brass moulded, 8-day strike and alarm....141
English table clocks 1650-1900
lecture by Trevor Waddington..........................262
Fromanteel, Ahasuerus
3-train ..............................................................180
cases, compared..............................................187-8
stolen 29th June 1700........................................188
Fromanteel, Ahasuerus, II
 ebony, silver mounted, striking, ¼ repeat, alarm .135
Graham, George, of London
 ebony, ¼ repeat...................................................22
 no. 719, ebony silver mounted.............................314
Graham, George,of London
 bracket clock, mahogany ¼ striking, alarm ... 12, 142
Gretton, Charles, of London .........................420-1
  ¼ repeating, subsidiary dials............................862-3
Hayle, Samuel, of London..................................411
Hodges, Nathaniel, of London
 basket top, miniature ¼ repeat timepiece ...............876
Japanese............................................................202, 630
bracket clock, continued,
Jefferys, John, of London mahogany verge ¼ chiming .........283
Johnson, John, of London
 mahogany silent, false pendulum .....................861-2
Jones, Henry, of London..................................732
Knibb, John, of Oxford
 ebony, striking, pull repeat................................305
 striking, 8-day ..................................................584
Knibb, Joseph, of London
ebonised, pediment top......................................150, 444
ebonised, Dutch striking ...................................5
ebon., ‘Phase III’, quarter repeating ....................437
grande sonnerie, double-six striking ....................136-7
Knottesford, William, of London
olivewood, turnable base..................................447
Leroy, Charles, of Paris, rectangular Louis XVI, (stolen)..........................302
Lister, Thomas, of Halifax, ¼ striking, painted dial...686
Maddock, Randle, of Leek
 walnut timepiece, ¼ repeat with gathered rack ....122
Matchett, John, of London, ebony, turntable base......454
Meissen porcelain with hunting scenes, (stolen)........302
Mottram, John, musical with automata...............255
Mudge, Thomas, lever escapement........................110
Paterson, William, of Cambusnethan..................709
Quare, Daniel
 no. 81, ebony, timepiece, pull repeat...............179-87
 striking and repeating .......................................132
Quare, Daniel, and Stephen Horsemann
 no. 185, ebonised, musical, ¼ repeat, (stolen)......296
Ratcliffe, John, of Wrexham
two-wheel dead-beat escapement.......................716, 717
Rau, J., of Vienna, 3-train verge petite sonnerie ......102
Robson, William, of North Shields, two-train c. 1810101
Rouma, of Liége .....................................................709
Tompion, Thomas
 no. 258, pull-repeat.............................................412
 no. 276, ebony pull-repeat....................................595
 no. 315, ebony ¼ repeat ....................................284-5
 pre-number ebony Dutch striking, (stolen)............292
repeating, small ..................................................108
‘Sussex’, grande sonnerie ....................................102
Tompion, Thomas, and Edward Banger
 grande sonnerie ..................................................108
 no. 430, ebony ¼ repeating, (stolen)....................293
Tregent, James, of London, mahogany, lyre shaped .450
Vulliamy, Justin, striking, enamelled dials ..........435, 735
Vulliamy, of London
 no. 981, rosewood library alarm timepiece, (stolen) .............................................301
Williamson, Robert, of London
 basket top, ¼ repeat ..........................................596, 744
bracket clock, door hinge detail
Quare, Daniel, no. 81, ebony, timepiece ..............185
Bradley, James, Astronomer Royal .....................219-20, 469
portrait ............................................................470
Bradley, Langley, of London
 Langley Bradley, lecture by Brynn Hodgson ......849-50
St Paul’s Cathedral clock ..................................849-50
trading in Edinburgh .........................................101
Bradley, Langley, of London, continued, watch, silver verge, mock pendulum balance ......633
Bradley, Thomas................................................525
Bradshaw, John, (1), of York and Manchester ....164-7, 169
Bradshaw, John, (2), of Manchester .................165
watch, no. 1119, silver pair-cased verge, owner’s name on dial ..................................167-9
Bradshaw, of Manchester, family tree ...............166
Bradshaw, Thomas, of Manchester .....................164, 165
Bradshaw, Thomas, of Peover (Cheshire) ..........165
Breeze, Gary .......................................................460
Breguet et fils, no. 2723, tourbillon movement and dial ....19
Breguet, watch, no. 2649, minute repeating chronograph perpetual calendar ......................751
Breukelaar, Jan, of Amsterdam, longcase clock dial ...335-7
Brewer, Richard, of Preston
longcase regulator, mahogany, 45-day...............288
Bridgeman, Edward, of Covent Garden
 bracket clock, rosewood, repeating ....................741
British Horological Institute
Upton Hall, visit by Midlands Section ..................102
Brockbanks, of London, pocket chronometer no. 520 ....138
Brocklesby Park ..................................................496, 508, 511
bell .................................................................506
John Harrison Clockmaker, Part 2: The Brocklesby
Turret Clock c. 1722, by Andrew King ..............496-512
Bromley, Prof. A.G
observations on Antikythera mechanism .............51
Carrington, Thomas, of London ........................................ 491-2
cartel clock, Voisin .......................................................... 416
Carter, William, of Kingston
longcase clock, mahogany, moon, rise and fall ................ 3
case, bracket clock, Fromanteel type, construction
Quare, Daniel, no. 81 ..................................................... 184-6, 421
case, consular, Allam, William, of London, no. 1416339-41
case, ivory watch, Drake, John, of London ...................... 287
case, longcase, see also lacquer case; marquetry case
carved oak ........................................................................ 65, 66, 419
early, for Knifton lantern clock ........................................ 35-6
SOME THOUGHTS ON THE CASE OF THE LONGCASE CLOCK,
lecture by Michael Legg ............................................ 565-7, 570
case maker, clock
Anschutz, Valentin ....................................................... 353, 354
Clifton, Joseph, of London .............................................. 187
Flight, Benjamin ........................................................... 355
case maker, clock, continued
Gillows .............................................................................. 288
Gutch ................................................................................. 187
Hallow, Edward, longcase clock, walnut, (stolen) ............ 9
Jones, Alfred, of London, trade card ..................................797-8
Russel, Thomas, of London, trade card ............................ 797
case maker, watch, see watch case maker
Cass, Thomas ................................................................. 356
Catlin, Daniel, of King’s Lynn, longcase clock .............. 568
Cato, Dionysius, Roman writer ....................................... 367
Cattell, William, of London
bracket clock, ebony, (stolen) ........................................ 301
Cavendish, Lord Charles, FRS ......................................... 470
centres-seconds hand, see dial, centres-seconds
Centurion, HMS ................................................................ 68
commemorative longcase dial ........................................ 67
Ceulen, Philip van, of The Hague / J.L. Durant, of Geneva,
painted enamel cased verge watch ..................................632
chain steel maker, White, Mr ............................................. 357
Champagnie, Claude, of Lyon, silver cased alarm watch632
Chanel, François .............................................................. 352
Channon, John, cabinet maker ........................................ 853
Chapelle, Kenneth ........................................................... 709-10
Chapman, Ted, of Gent of Leicester ..................................118
Chapusis, Jean Jacques ..................................................... 352
Charing (Kent)
church clock keepers listed ........................................... 396
THE CHURCH CLOCKS OF CHARING, Kent
article by Chris H.K. Williams ......................................... 371-96
letter by Jonathan Betts .................................................... 722
churchwardens’ accounts ................................................. 68, 69, 72
The CLOCKMAKERS OF CHARING, Kent
article by Chris H.K. Williams ......................................... 64-82
letter by Vernon Morris ..................................................... 419
reply by Chris Williams ..................................................... 419-20
recorded clocks and watches ............................................ 79-80
stagnation and decline of clockmaking ......................... 72-4
Charnock, John, artist, watercolour of H2 ......................... 523
chaser
Dupont, David .................................................................. 355
Moser, George Michael ................................................... 287
Parbury, of London ......................................................... 548-9
Peckwell, Mr ..................................................................... 357
Chater & Sons, of London
ture bracket clock, strike/silent and calendar dials ............601
cheeks, cycloidal .............................................................. 500
Cheltenham, visit by Midlands Section ............................. 256
Cheney, Robert
portrait of ........................................................................ 26
Roxbury, Mass: 8-day movements and the
English Connection, St Roche lecture, 2005 ............ 25-6
Chesterton Mill, visit by Midlands Section ......................... 849
Child, John, of Philadelphia
account book ..................................................................... 816-17
‘astronomical clock’ ....................................................... 812-17
clock for U.S. Senate ...................................................... 816-17
Child, Samuel and Thomas, of Philadelphia ................... 814-15
Child, Sir Josiah .............................................................. 34
chime barrel (church, for tunes), see carillon; tune barrel
chiming, quarter, see also striking, quarter
Ebsworth, John, of London, lantern clock, alarm ............746
Ellicott, John, junior, of London
bracket clock, musical, calendar, moon, (stolen) .......... 297
longcase clock ............................................................... 20
Johnson, John, of London
bracket clock, mahogany verge ...................................... 283
Perigal, Francis, of London
longcase clock, mahogany, enamel dials ....................... 303
Richard (C.A. et Cie), carriage clock, Westminster158-61
Wright, Thomas, of London, and Matthew Boulton, of
Birmingham, table clock ..................................................21
chinoiserie decoration, Chuter, James, bracket clock ......108
Chiron, Mr ........................................................................ 352, 354
Christie, William, Astronomer Royal ............................. 626-7
Chromatron, Staiger .......................................................... 109
chronograph
Breguet, no. 2649, minute repeat perpetual calendar .......751
chronograph, wrist
Leonidas, (stolen) ............................................................. 8
Omega
Flightmaster, (stolen) ...................................................... 8
Moonwatch, (stolen) ......................................................... 8
Seamaster, (stolen) .......................................................... 9
Speedmaster, (stolen) ...................................................... 9
Zenith, Il Primera, (stolen) ................................................. 8
chronometer, marine,
............ see also deck watch; montre marine; timekeeper
The Birth of the Modern Chronometer,
lecture by Jonathan Betts ............................................... 409
Dismantling and Reassembling a Marine Chronometer,
lecture by Jim Arnfield .....................................................103
Barraud, of London, no. 2636, integral winder ............... 434
Mercer, Thomas, Ltd, no. 24821 ......................................103
Mudge, ‘Thomas, Mudge ‘Green’;
lecture by Anthony Randall ............................................110-12, 408-9
in Netherlands National Maritime Museum ......................114
Poole, John, no. 3211, 1861 ............................................. 869
chronometer, pocket
Arnold and Son, no. 485786 .............................................. 615
Arnold, John Roger, no. 51, in display case .................... 591
Bentley & Beck, of London, no. 932 .................................. 7
Brockbanks, of London
no. 520, gold, Peto cross-detent ..................................... 138
Frodsham, Charles .......................................................... 287
no. 07586 ........................................................................ 621-2
no. 8886, 2-day ............................................................. 439
Chronos (personification of time) ................................. 366-7
Carter, William, of Kingston, longcase clock ................. 3
chronoscope, Hipp, Matthias ........................................... 238, 570
Chater, James, bracket clock, chinoiserie decoration .......108
Cipra, Jim, portrait .......................................................... 858
Clare, Peter, regulator ...................................................... 411
Clark, John, of Bristol, silver pair-cased verge watch .......632
Clark, William, apprentice to Henry Hindley ................. 169
Clarke, Frank, of Birmingham, tea-maker ...................... 712
Clément Frères, of London and La Chaux-de-Fonds
price list ...............................................................796
trade cards ..........................................................795-6
Clément, Léon, & Bourgeois, of Morez
chiming clock, Digne-les-Bains .................................175-6
clespyna .............................................................646, 852
click spring, double ................................................420-1, 574
Clifford, Derry, lecture report .................................102-3, 848-9
Clifford, John R., lecture report ..............................103, 103-4, 565
clock, see also alarm clock; astronomical clock; automaton
   clock; bracket clock; carriage clock; electric clock; Hauge
clock; lantern clock; longcase clock; mantel clock; musical
clock; nef; novelty clock; organ clock; pillar clock;
   regulator; rolling-ball clock; rolling drum clock; stool
   clock; strut clock; table clock; tavern clock; turret clock;
   wall clock
clock case maker, see clock maker, clock
   ‘A Clock for the Rooms’: the Horological Legacy of the
   Library Company of Philadelphia, by Jay Robert Stiefel
   ........................................................................804-26
clock, *A Renaissance Clock*, letter by Michael J. Worsley
   ........................................................................119-21
clock, said to have belonged to
   Brunel, Isambard Kingdom ...........................................451
   Cromwell family ....................................................808-12
   Penn, William ......................................................817-21
clock-watch
   anonymous
   Flanders/Germany ?, gilt-brass and silver verge ....631
   Germany, gilt-brass cased verge with stackfreed ...630
   London, gilt-brass, double-dialled, centre-seconds
   verge with calendar dials and stop lever ..........633
   AR (maker’s mark) (Germany)
gilt-brass verge with stackfreed, 1600-1650 ..........630
   Bockelts, Jan Janssen (the Elder), of Aachen
gilt-brass cased verge, 1590-1600 .........................210-12, 631
   Bouguet, Solomon, of London, gold pair-cased verge
   ........................................................................632
   East, Edward, of London
   silver and tortoise-shell pair-cased verge ..........632
   Flant, Jehan, of La Rochelle
gilt-brass and silver verge with alarm, 1609-1616631
   Frech, Andreas (Germany)
gilt-brass cased verge with stackfreed, 1600-1650630
   Gruber, Michael, of Nuremberg, gilt-brass cased verge
   with stackfreed and with alarm, c. 1610 ..........631
   Gould (sic) (London?)
silver and brass pair-cased verge, repeat ..........633
   HS (maker’s mark) (Germany)
gilt-brass verge with stackfreed, 1580-1600 ..........633
   IH (maker’s mark) (Germany)
gilt-brass verge with stackfreed, 1580-1600 ..........630
   Kirsch, Hans, of Copenhagen .................................641
   Planke, Niklaus, of Lubeck, dated 1514 .................641
   Rugendas, Nikolaus, of Augsburg, gilt-brass cased verge
   with stackfreed, alarm and stand .....................631
   Tompion, Thomas, gold pair case, chamelvé dial ....287
   Vallier, Jean, of Lyon, silver alarm calendar .........208-10, 631
   Zurlaube, Hans Jacob, of Zug, gilt-brass cased verge
   with stackfreed and stand, c. 1620 ..........205-7, 631, 640
   Harrison Medal, awarded to Sir Arnold Wolfendale .464
   inefficiency encouraged genius ..........................100
   involvement in placing Harrison Memorial
   in Westminster Abbey .........................................460-1
   opposition to Ingold ...........................................99
   Cloud, Ralph, of Beamster ...................................104
   longcase clock, 30-hour ......................................412
   Clough, Edward, of London
   silver and leather pair-cased verge watch ..........632
   Cloutman, Dr Ed W.
   *Restoring a longcase by Martin of Crosby*, lecture ..262
   *Wales and the Marches Horological Society Website*,
   lecture .............................................................570
   coach-watch
   Duboule, Jean Baptiste, of Geneva
   silver and leather pair-cased verge .................632
   Gruber, Hans, of Nuremberg
   gilt-brass cased verge with stackfreed, c. 1570 ....631
   Halleck, Johann Otto, of Augsburg
   silvered-brass cased verge ................................632
   IS (maker’s mark) (Germany)
gilt-brass cased verge, 1590-1610 .......................631
   Russell, hour strike .............................................310
   Spiegel, Joseph (signed Legeis), of Friedberg
   silver half-quarter-repeat and alarm ...............633
collection
   coat of arms, see armorial bearings
   Cockrell, Dorothy, *Enamelling*, lecture ...............410-11
   Colchester, Tymperleys, visit by East Anglian Section ..258
   Cole, Humphrey, of London
   strut clock ...........................................................586
timepiece, in form of mortar, no. 1600 .................738
   tripod clock, month .............................................282
   timepiece
   Anglesey Abbey ....................................................255
   BHI, Upton Hall ....................................................712
   Bullpit, J.G. ..........................................................139
   Duesberg, Francis ................................................851
   Elkinson, Herbert F. ..............................................347
   Folschveiler, Dr Jean .............................................37
   Fremersdorf ..........................................................854-5
   Frey, Wolfgang ....................................................851
   Frantou, Maurice, sale .........................................13, 311
   Iden .................................................................179
   Ilbert, Courtenay Adrian ........................................26
   Lloyd, John, of Hafodunos, ‘The Philosopher’ ...369
   Mason, Bernard ....................................................258
   Morgan, Octavius, *The Friars and its Collections* ..212-14
   Svobodova, Miroslav ............................................106-7
   thirty-hour clocks ..................................................256
   time recorders ....................................................858
   Toebosch, Marcel, sold .........................................264
   Wagstaff, Alan, sale ..............................................17
   Ward, sale ............................................................449
   Wetherfield ..........................................................179
   sale label ............................................................150
   Colley, George Graham, of London .................495
   Colley, Thomas Graham, of London, engraver ....491, 495
   Colley, Thomas, of London ..................................495
   Collingbourne, Herbert, of Coventry .................707
   Colson, John, FRS .................................................470
   compass
   anonymous, China, boxwood mariner’s ..........635
   *A Plane Table Compass, John Harrison, 1718* ...45-8, 50
   in portable sundial ..............................................45-8, 50
compendium, astronomical

Cole, Humphrey, of London, gilt-brass, 1575 .......... 634
compensation, barometric pressure ...................... 743
compensation, temperature, see also pendulum,
compensating
Arnold, John, of London, compensation curb .......... 287
Goyffon, Les Frères, of Paris, no. 837, sole-type curb 789
Le Roy, Pierre
added 'gridiron' ........................................... 786-7
bimetallic balance ........................................ 661
mercury.................................................. 661, 777
pendulum by sliding cheeks ............................ 661-2
sole-type curb ........................................... 784, 785, 789
Tobias, Morris, of London
watch no. 970, bimetallic curb .......................... 343
composer, in grasshopper escapement.............. 504-7, 510, 514-20
Comtoise clock
Baube, of Yerville, 3-train 8-day verge .............. 255
Bertin, Justin, of Meux, month verge ................. 255
conservation, seminar, 15 October 2005, Upton Hall .... 25
Conti, Prince de ........................................ 775
Cook, James
Copley Medal ............................................. 472
use of timekeeper ...................................... 473
Cook, Peter .................................................. 721
Coole, Philip .............................................. 27, 456, 457
Cooper and Hedge, of Colchester
longcase clock, lacquer case, centre seconds ....... 258
Cooper, Joseph, of Malpas
longcase clock, 8-day single-handed............... 689
Coote, Ian, Watch and clockmaking tools, lecture .... 258-9
Copal, electric flap clock ................................ 268
Copley Medal, see Royal Society
Coppins, George, of Charing ............................. 65, 74, 80, 393
Corbishley, Barry, Regarding Randle Maddock of Leek
and also William Warren, letter ................. 121-2
Coster, Salomon, The Hague .............................. 116
The Coster-Fromanteel Contract, its place in modern
scholarship, letter by Keith Piggott ................. 122-3
pendulum clock of 1657 ................................ 668
Salomon Coster Medal, awarded to Dr Jan Jaap Haspels .... 613
Cottingham, Edwin T., of Thrapston, mantel clock .... 267
Couldray, of Blois, vertical table clock, c. 1540 .... 630
Coulton, Thomas ........................................ 355
Count, Mr, glass grinder ................................ 355
country clocks, English Country Clocks 1600-1840,
see exhibition, Time and Place
Courtenvaux, Marquis de ................................ 779-80
Coventry, watch trade in late C19 – early C20 ......... 845-6
Cowan, Doug, and Fortunat Mueller Maerki, report of
American Section tour of Southern Germany ...... 854-60
Cowan, Doug, lecture report .......................... 113-16
Cowham, Mike .......................................... 105
A Dial in your Poke, lecture ....................... 257
Portable Sundial making in Nuremberg ............. 45-50
Cowham, Mike (Ed.)
Sundials of the British Isles, reviewed .............. 236-7
Cowley, Abraham ...................................... 368
Cowssill, Anne, portrait ................................ 711
Cox, James
Amazing Clocks of James Cox, lecture by Ian White 848-9
A Descriptive Catalogue ... (1772) .................. 807
musical automaton clock with elephant .......................... 600
Craddock, Paul, Horological Metallurgy, lecture ...... 708-9
Craftsmanship and innovation in London Clockmaking

1600-1700, lecture by Dr John C. Taylor ............. 99-100
Crane, Aaron Dodd ..................................... 562-3
torsion pendulum clock ................................ 312
Crawford, Patrick, of Auchinames and Rotterdam .... 347
Crowley, watchmaker .................................... 768
Creber, Mr, watch glass maker .......................... 355
cresting, longcase clock ............................... 280, 687, 811
Cromwell, Oliver, clock wrongly associated with ....... 809
Crosse, Richard, of Ludlow ............................ 228
Crowley, Finbarr, English Lever Pocket Watches, lecture 264
crucifix clock
anonymous, Augsburg ? .................................. 630
anonymous, South Germany ......................... 630
Culverwell, Mr, watchmaker ............................ 355
Curiosities of Clocks and Watches, lecture by Beresford
Hutchinson .................................................. 265
Curran, Colman, and Martin Hennessy
Irish painted clock dials, lecture ....................... 264-5
Cuss, T.P.C. ................................................ 217, 218, 224
The Cut Stem Engraver, letter ..................... 420-1
cycloidal cheeks ........................................ 500

D

Dale, Sankey’s Watch Alarm ................................ 369
Daly, Anthony
Ormskirk Clock and Watchmakers, reviewed ....... 838
Daniel, Thomas, apprentice to Henry Hindley ........ 169
Daniels, George ........................................... 527
c-o-axial escapement .................................... 466
The George Daniels Retrospective Exhibition .... 466-7
portrait ..................................................... 466
Tompion Medal .......................................... 466
watch, Space Traveller’s Watch, 1983 ................. 467
Dareau, Dr Michel J.
Scottish Clockmaking in the 18th Century, lecture 100-1
Scottish Clockmakers – a Continuing Story, lecture 847
Darell family, of Calehill, Kent ......................... 68, 388-9
Darken, Dr Jeff
book review .............................................. 235-6, 401, 696, 838
editorial
The Country Clock Exhibition ....................... 155
Forthcoming Events ...................................... 755
Darken, Dr Jeff, continued, editorial, continued,
The Gau Prize ........................................... 611
The History of a Clock ................................ 23
John Harrison .......................................... 455
Three Dials .............................................. 315
Memorial for John Harrison .......................... 96
Reference Works Online ................................ 704
Wolfendale, Sir Arnold, President’s Address, 14 May 2005 .... 97-8
For your further reading .............................. 124-5, 273, 867-8
Darlin, Benjamin ........................................ 475
Dasypodius, Conrad, Warhaffte Ausstellung des
Astronomischen Uhrwerks zu Strassburg ............ 807
database, The Need for a Turret Clock Database
lecture by Mike Bundock ...................... 267
Dautel, of Paris, musical mantel clock ............... 717, 718
Davies, James, of Birmingham, brass 1794 calendar disc 635
Davis & Brown, American importers .......... 25
Davis, Arthur, of Westleigh
musical clock, 30-hour hooded wall ............... 412
Davis, Keith
Filling a Hole in a Clock Plate, demonstration .......................... 414
Pivoting a Centre Wheel, demonstration .................................. 851
Dawson, Percy G. ................................................................... 179, 456, 459
day-books, watch, Vulliamy, Justín, of London .................. 348-58
Day, John E., lecture report ................................................ 414-15, 569-70, 714-15
days of week, personified ........................................................ 336
Beyer, William, of London, longcase clock ....................... 747
Tunn, James, of London, longcase clock ......................... 147
Deacon, Samuel
Earl Shilton Old Clock Club, Leicestershire Clocks + The Deacon Workshop, (CD) review ............................................. 89
Debarry, Henry, of Geneva
gilt-brass and painted enamel cased verge watch .......... 633
Debafre, Mr. ........................................................................... 355
Decharmes, Simon, of London
bracket clock, musical, calendar and ¼ repeat ............. 607
deck watch
Brockbanks, of London
no. 520, gold, Peto cross-detent ........................................ 138
Northern Goldsmiths Co., Newcastle upon Tyne
no. 2027 .............................................................................. 739
Defoe, Daniel ......................................................................... 475
de la Garde, Jean, of Blois, armillary clock, c. 1550 ...... 630
Delander, Daniel
barometer, ebony and silver, (stolen) .............................. 295
bracket clock, ebony, grande sonnerie, (stolen) .......... 294
duplex escapement ............................................................... 659
Delaune, Étienne (1518-95), designer of engravings 200
Delaware Clocks, exhibition and catalogue ................. 759
Denière of Paris, mantel clock, lyre shaped, (stolen) ...... 302
Dennison, Aaron .................................................................... 112-13
Dennison, Wigley, and Company, of Handsworth,
watch case makers .............................................................. 113
Dent
carriage clock ................................................................. 143, 443, 599
timepiece, chronometer escapement ................................ 254
Dent, E. J., regulator, wall, no. 674, month going .......... 451
Derham, William .................................................................. 484
The Artificial Clockmaker ..................................................... 806
Dering family ........................................................................ 82
de Save, S.B. (Brian)
Andrew Padbury, research request .................................. 574
lecture report ....................................... 99-100, 245-6, 409, 562, 706-8, 845-6
De St Leu, Daniel
bracket clock, tortoise shell and silver case, four train .. 572
Desvignes, Mr, engraver and enameller ......................... 355
detent, Pennington dovetail ................................................ 7
Deutches Gesellschaft für Chronometrie, library .......... 855-6
DH (mark)
automaton clock, Adam and Eve, stackfreed .............. 639
dial, I-XII and 13-24 hours
Bockelts, Jan Janssen the Elder, of Aachen .................. 210
Planke, Niklaus, of Lubeck ................................................... 641
Renaissance vertical table clock ........................................ 119
table clock, mid C16 ............................................................. 831, 832
dial, six second, stop watch ................................................ 254
dial, 30-minute
Tobias, Morris, no. 283, 2-day timepiece ..................... 83-4
dial, 16-hour ........................................................................... 247
dial, 24-hour
Bertolla, Bartolomeo Antonio, of Trento ..................... 251
Continental, wall regulator .................................................. 743
Habrecht, Isaac, of Strasbourg ........................................... 212
Tompion, Thomas, longcase clock, astrological .......... 108
dial, astrological
anonymous clock, Spain ? Middle East ? ................. 631
French 16th century table clock ............................................. 560, 629
Tompion, Thomas, longcase clock, month marquetry 108
dial, calendar, see also watch, calendar
Bertolla, Bartolomeo Antonio, of Trento, astronomical longcase clock .................................................. 251-3
Beyer, William, of London, longcase clock, perpetual flyback ................................................................. 747
Breukelaar, Jan, of Amsterdam, longcase clock ........ 335-6
Chater & Sons, of London, true bracket clock .......... 601
Cooper, Joseph, of Malpas, longcase clock ................. 689
Dutton, William, longcase regulator, annual .............. 108
Ellicott, John, junior, of London
bracket clock, musical, moon, annual, (stolen) .......... 297
longcase clock, in arch ......................................................... 20
Fint, William, of Charing, square aperture .................. 70
Hager, Wolfgang, of Arnstadt, wall clock .......... 204-5, 630
Harrison, John, longcase clock ........................................ 481-2
Martin, of Crosby, longcase clock, annual ................. 262
Moon Mechanisms, a Restorer’s Guide, by Peter Grimwood, reviewed ...................................................... 398-9
Owen, John, of Llanrwst, longcase clock ................. 360
Perigal, Francis, of London
longcase clock, mahogany, chiming ........................... 303
Wraight, Thomas, of Charing
painted, hand ................................................................. 71
semicircular ................................................................. 70
dial, centre-seconds
anonymous, London, clock-watch, gilt-brass cased,
double-dialed, verge, calendar dials, stop lever .......... 633
Beyer, William, of London, longcase clock ................. 747
dial, centre-seconds, continued
Bockelts, Jan Janssen the Younger, of Haarlem,
watch, c. 1630 .................................................................. 827-30
Cooper and Hedge, of Colchester,
longcase clock, lacquer case ................................................. 258
Goyffon, Les Frères, of Paris, watch no. 837 .................... 788
Graham, George, watch, cylinder, enamel dial .......... 565
Jefferys, John, of London,
watch, Harrison's, 1753 ..................................................... 490, 565
Le Roy, Pierre, petite ronde of 1774 .................................... 784
Lory of Paris, longcase regulator ........................................... 603
Martin, of Crosby, longcase clock ........................................ 262
Martin, Thomas of London, watch, no. 795 ............... 281, 344
Northern Goldsmiths Co., Newcastle upon Tyne,
deck watch, no. 2027 ........................................................... 739
Owen, John, of Llanrwst, longcase clock .......... 359, 361
Ratcliffe, John of Wrexham, bracket clock ................. 716
Rich, John (attrib),
watch, gold and enamel automaton .............................. 151
dial, chime/silent
Delander, Daniel
bracket clock, ebony, grande sonnerie, (stolen) .......... 294
Perigal, Francis, of London,
longcase clock, mahogany ................................................. 303
dial clock, see wall clock, English dial
dial, concave, St Albans, St Michael’s church ................. 118
dial, day of week
Breukelaar, Jan, of Amsterdam ....................................... 335-6
Hager, Wolfgang, of Arnstadt, wall clock ........ ........ 204-5, 630
skeleton clock, Continental ................................................ 18
Tunn, James, of London, longcase clock, in arch ........ 147
Vallier, Jean, of Lyon, silver alarm clock-watch .......... 209
dial, enamel, clock
Ellicott, of London, bracket, grande sonnerie ............. 609
Perigal, Francis, of London,
chiming longcase ......................................................... 303
Vulliamy, Justin, bracket ................................................... 435, 735
dial engraving, Welsh and Somerset compared..................262
dial, jump quarter-seconds
  Martin, Thomas, of London, watch, no. 795 .... 281, 344
dial, length of day
  Hager, Wolfgang, of Arnstadt, wall clock ...... 204-5, 630
dial, locking watch movement
  Martin, Thomas, of London, no. 795 .......... 281, 344
dial, lunar, see lunar indication
dial, owner’s name as chapters on watch
  Bradshaw, John (2), of Manchester, no. 1119 ...... 167-9
dial, painted, *Irish painted clock dials*,
  lecture by Colman Curran and Martin Hennessey .... 264-5
dial, pendulum fastening
  Quare, Daniel, bracket clock, striking and repeating 132
dial, regulation subsidiary, on watch
  Martin, Thomas, of London, no. 795 .......... 281, 344
dial, rise and fall regulation
  Dechames, Simon, of London
    bracket clock, ebony, musical, calendar........ 607
delander, Daniel
    bracket clock, ebony, grande sonnerie, (stolen) 294
  Dutton, William, & Son, of London
    no. 353, bracket timepiece ....................... 139
dial, rise and fall regulation, continued
  Graham, George
    no. 719, bracket clock, ebony silver mounted 314
  Johnson, John, of London
    bracket clock, mahogany verge ¼ chiming 283
  Quare, Daniel, and Stephen Horsemann, no. 185,
    bracket clock, ebonised, musical, ¼ repeat, (stolen) 296
  Quare, Daniel, bracket clock, striking and repeating 132
  Tompion, Thomas
    no. 276, ebony bracket clock 595
    no. 315, ebony bracket clock 284-5
  Tompion, Thomas, and Edward Banger
    no. 430, ebony ¼ repeating bracket clock, (stolen) 293
  Vulliamy, Justin
    bracket clock 735
    bracket clock, enamelled dials 435
  dial, seasons
  Hager, Wolfgang, of Arnstadt, wall clock ...... 204-5, 630
  Vallier, Jean, of Lyon, silver alarm clock-watch 209
  dial, single-sheet, adoption of ................. 566
dial, skeletonised
  Knibb, Joseph, longcase, ebonised, Roman strike 108
  dial, spiral, Antikythera Machine ............... 59-60
  dial, strike/silent
  Chater & Sons, of London, true bracket clock 601
  Dunlop, Conyers, of London, bracket clock, ebonised 440
  Ellickot, John, junior, of London
    bracket clock, red lacquer, ¼ striking 154
    bracket clock, walnut 313
  walnut, brass moulded, 8-day bracket clock 141
  Ellickot, of London, bracket clock, grande sonnerie 609
  Graham, George
    no. 719, bracket clock, ebony silver mounted 314
  Gretton, Charles, of London
    bracket clock, basket top ................. 862-3
  Johnson, John, of London
    bracket clock, mahogany verge ¼ chiming 283
  Mudge, Thomas, and William Dutton, longcase clock 734
  Quare, Daniel, and Stephen Horsemann, no. 185,
    bracket clock, ebonised, musical, ¼ repeat, (stolen) 296
  Quare, Daniel, bracket clock, striking and repeating 132
  Tompion, Thomas
    no. 276, ebony bracket clock 595
    no. 315, ebony bracket clock 284-5
  Tompion, Thomas, and Edward Banger
    no. 430, ebony ¼ repeating bracket clock, (stolen) 293
  Vulliamy, Justin
    bracket clock 735
    bracket clock, enamelled dials 435
dial, sunrise and sunset
  Martin, of Crosby, longcase clock .............. 262
dial, tidal, Breukelaar, Jan, of Amsterdam ....... 335-6
  dial, touch pins
  Bockelts, Jan Janssen (the Elder), of Aachen
clock-watch 210, 211, 631
  Hager, Wolfgang, of Arnstadt, wall clock ...... 204-5, 630
  Renaissance clock ......................... 119, 121
table clock, mid C16 ................................ 831, 832
  Zurlauben, Hans Jacob, of Zug, watch .... 205-7, 631, 640
dial, up-and-down
  Frodsham, Charles, no. 8886, pocket chronometer 439
  dial, velvet covered, English, research request 574
dial, world time, Martin, of Crosby, longcase clock 262
  diamond cutter, Slyper, J.E., of London, trade card 799
  Dibner Award, 2006, Royal Observatory, Greenwich 759
  Dickie, Andrew ................................. 792
  Didisheim, Henri Albert, of La Chaux-de-Fonds 331
Digne-les-Bains
  Clocks in the church of St Jerome at Digne-les-Bains,
   1414-1985 , by Anthony Turner .......... 170-8
view c. 1800 ........................................ 170
  Dillon, Mrs, cousin of Robert Hooke ............... 464
  Dingwall-Beloe lecture, 2005
  *Spain’s Magnificent Horological Collections :*
    An English and French Heritage, advertised 130
  Dingwall-Beloe lecture, 2006
  *The Sing-Song-Trade*, advertised ........... 600
Dismantling and Reassembly of a Marine Chronometer,
  lecture by Jim Arnfield ........................ 103
diversification, of clockmakers 1817-1914 .... 72-4
  dividers, Schissler, Christopher, of Augsburg,
gilt brass with sundial, dated 1558 .................... 634
  Divitiolus, of Cremona, armillary sphere, 1593 .......... 247
  Dobson, Richard Donald (1910-2005), obituary 316
  Dobson, William, of Downham, bell founder
    trade card ................................... 800-1
  Dondi, Giovanni de
    astrarium, reconstructions by Luigi Pippa 612
  Donisthorpe, George, of Birmingham ............ 231-2
  carillon, Ludlow, St Laurence .......................... 234
door hook, detail, Quare, Daniel, no. 81, bracket clock 186
  Dorer, Orto ........................................ 260
Dorset
  AHS, Midlands Section, Summer Tour .......... 103-4
visit by Turret Clock Group, 15 October 2005 265-7
  Douglas, Lady Margaret .............................. 639
  Douw, Simon, of Rotterdam ....................... 246
  Dover Castle, Octavius Morgan drawings of clock 190, 643
  Doxa, wrist-watch, (stolen) ......................... 9
  Drake, John, of London, watch, ivory cased 287
draw, on detent, Pierre Le Roy 778
dresser, clock in, Evans, Moses, of Llangernyw 370
  Drew, John, of London, lantern clock .... 746
  Driscoll, Clive, lecture report .................... 713-14
  Drury, Francis, of London
    carriage clock, twin fusee ¼ strike ............ 254
  Dubois Robert au Puy, bell signed by .......... 263
  Duboule, Jean Baptiste, of Geneva
    silver and leather pair-cased verge coach watch 632
  du Chesne, Johannes, of Amsterdam, table clock .. 717, 718
Duchesne, Pierre, of Paris, silver and gilt-brass watch ....633
Duduit, Daniel .............................................208
Duduit, Daniel, of Paris, gold and enamel watch .........632
Duffield, Edward, of Philadelphia ..........................804
Indian peace medal engraved by ..........................825
longcase clock, walnut .....................................823-6
Dufour, of Paris, watch, mock pendulum balance .........633
Duley, Anthony J. (Tony), lecture report ..................415, 715, 853
Dumercut, Jacques, engraver .................................353, 355
Dumersey, Mr, engraver .......................................355
Dungan, Dave, *Horology and the Internet*, lecture ....265
Dunhill, wrist-watch, (stolen) ..................................8, 9
Dunlop, Conyers, of London .................................245-7
Dupont, Mr ................................................................355
Dupont, David, chaser ...........................................355
Duret, Pierre, made clock in Digne c. 1361 ..................170
dust cap, see watch cap ...........................................
Dutch Clocks / French Clocks 1657-1700
lecture by Iaap Zeeman ..............................................246-7
Dutch forgeries (Swiss watches for Dutch market) .......330
Dutch striking, see striking, Dutch
Dutreit, Jean-Baptiste, escapement

Dyson, Frank, Astronomer Royal ................................626-7
Dyson, Frank, Astronomer Royal
E
Earl Shilton Old Clock Club, Leicestershire Clocks +
The Deacon Workshop, (CD) review ............................89
The Early English Balance Spring Watch: a brief history, by Martin Ball ..................................760-74
East, Edward, of London
bracket clock .......................................................412
silver and tortoise-shell pair-cased verge clock-watch632
silver pair cased verge watch (cases and dial later) ....632
East Hendred church, chimes ..................................230
Ebbsworth, John, of London
lantern clock in New Cheape Side .............................746
at ye crossed keys .................................................746
longcase clock, 30-hour .........................................602
eccentric pin, Antikythera Machine, use in .................61-2
Eckhardt, George H. .............................................815-16
eclipse, prediction, using Antikythera Machine .......60-1, 63
eddy current clock, Landis & Gyr ............................263
Edinburgh, clockmaking in ......................................100
Edinburgh, Prince Philip, Duke of, portrait ...............461
editorial, by Dr Jeff Darken
*The Country Clock Exhibition* ................................155
*Forthcoming Events* .............................................755
*The Guia Prices* ..................................................611
*The History of a Clock* .........................................23
*John Harrison* .....................................................455
*Three Dials* .........................................................315
Edwardees, Ernest L .............................................316
Edwards, George, of Mold, ‘Philomath’ .......................369
Edwards, John, ornamental turner ............................838
egg, Fabergé eggs, lecture by Charles Hadwell .........256-7
Ehrhardt, William, of Birmingham, watch .................413
Einstein, Albert .......................................................98
Eisenach, Black Forest district, Auf der Höhe, reviewed ....335
Eisinga, Eise, planetarium .........................................115
electric clock, see also AHS, Electrical Horology Group
Bain, Alexander, oldest still running .........................859
Basler, Simon, *Lowne slaves*, talk .............................269
Bentley, ‘earth driven’ clock ....................................570
*The Birth of the British Synchronous Motor Clock*,
lecture by Peter Wotton .........................................259-60
Copal, electric flap clock ........................................268
Dykes Brothers, Glasgow
mantel quiet Synchronome clock ............................268
eddy current clock, Landis & Gyr ............................263
Electric Clocks and the GPO, lecture by Jan Wright564-5
Princes ‘New System’ master clock ..........................570
An Unkown Alexander Bain Electric Clock?,
note, by Arthur Mitchell .........................................85-7
Visit to Science Museum Reserve Collection ............570
Elkington, Herbert F., collection ............................347
Elicott, John, junior, of London
astronomical clock, ‘Terrestrial and Celestial’ pair ....130
bracket clock
musical chiming, calendar, moonphase, (stolen) .......297
red lacquer, ¼ striking ...........................................154
walnut .................................................................313
walnut, brass moulded, 8-day strike and alarm ...........141
longcase clock, mahogany, ¼ chiming month .............20
use of ‘foreign’ workmen .........................................572
Elicott, of London (John, junior, and Edward)
bracket clock, grande sonnerie .................................609
Ellis, Sir Henry .....................................................639, 640, 642
E.M., case maker’s mark of Edward Maddock (II),
of Liverpool .........................................................167
Emery, Jacques François, of London,
repeating motion maker ...........................................352, 355, 572
Emery, Josiah, of London ........................................352
watch
consular gold case, lever .......................................287
no. 299, minute repeating, Stogden pattern .................572
no. 1104, lever, belonged to Admiral Nelson ...156-7
The Eminent Pierre Le Roy in the Art of Timekeeping
by Charles Allix and Giuseppe Brusa
Part I: Up to about 1765 ........................................645-62
Part II: Marine Timekeepers and Watches ..............775-89
enameller
Goddard, James ..................................................353, 356
Hinton, of London
polychrome enamel picture .....................................803
trade card .............................................................802
Enamelling, lecture by Dorothy Cockrell .................410-11
Ende, Hans van den .............................................113, 114
Huygens’ Legacy, lecture ........................................262-3
Enderlin, Henri, of Paris ..........................................648
genner turner
Lewis and Gunton, of London ..................................798
engine turner, continued
Platt, R., of London, trade card .................................798
Pledge and Aldworth .............................................838
*Engine Turning* (DVD), by Martin Matthews, reviewed.838
English Country Clocks 1600-1800 ........................................ 97
English dial, see wall clock, English dial
English Watch Company, of Birmingham .......................... 113
engraver
Ardid, Miguel Joaquim (?) .............................................. 834
Bishop, Jonathan, of London ........................................ 790
’Cut Stem’ .............................................................. 420-1, 574
Duffield, Edward, of Philadelphia .................................. 825-6
Dumercet, Jacques ..................................................... 353, 355
Dumersey, Mr ............................................................. 355
’Good Engraver’ ......................................................... 364-5
Jeacock, William, of London, trade card ......................... 798-9
le Brun, Mr ................................................................. 357
Neele, of London ........................................................ 801
Picard, Peter ............................................................... 356
Porteus, E., of London .................................................... 793
Poulingue, John ................................................................ 352, 357
engraver and enameller
Desvigne, Mr. ................................................................ 355
Gresset, Mr. .................................................................. 356
engraving
dial, Welsh and Somerset compared ................................ 262
floral and rose, detail, Hayle, Samuel, of London, bracket clock ................................................................. 41
method of work in 17th century ........................................ 573-4
outlined without detail under cover plate .............. 420-1, 573-4
’Persian Carpet Pattern’ ................................................. 420-1, 574
on repeating cocks covered by dial ............................ 572
epact, Julian and Gregorian ............................................ 49
ephemera, Evidence from the Transient, by David Penney ......................................................................... 733, 790-803
Epicyclic Gearing and the Antikythera Mechanism,
Part II, by Michael Wright ........................................ 51-63
equation of time .............................................................. 264
Harrison, John, table of ................................................ 478-9
equation of time, indication
Beyer, William, of London, longcase clock ................. 747
Daniels, George, Space Traveller’s Watch, 1983 .... 466-7
Lory of Paris, longcase regulator .................................. 603
Martin, of Crosby, longcase clock ................................. 262
pendulum length, by alteration of .............................. 105
Ward, Henry, of Blandford, longcase regulator .......... 688
Erhardt, Johann Christoph, of Augsburg, silver and vernis
martin pair-cased verge watch, fly-back minutes, date 633
Erhautz, Wolfgang, prisoner of war ............................ 546-7
Ernest, Peter ................................................................. 333
escape wheel, unusual ’bent’ tooth form ..................... 724
escapement
anchor, Harrison, John .................................................. 485, 486
Béthune, Chevalier de .................................................. 263
chronometer, Dent, carriage clock ............................... 254
constant force
Hardy, William .......................................................... 224
Huber, Johann Jakob ..................................................... 110, 219-21, 222
Mudge, Thomas .............................................................. 111-12
escapement, continued, cross-beat
Hager, Wolfgang, of Arnstadt, wall clock 204-5, 630
cylinder, Graham, George, watch no. 696 ................. 546-7
Martin, Thomas, of London, no. 1416340
cylinder, ruby, Allam, William, of London, no. 1416340
cylinder, sapphire,
Martin, Thomas, of London, no. 795 .......................... 345
Daniels co-axial ........................................................... 466
Debaufre, Le Roy (the Uncle)’s variant ....................... 648
detached, sought by Le Roy ................................. 646, 649
double virgule, Lepaute, Jean-André .......................... 650
duplex
Delander, Daniel .......................................................... 659
Dutertre, Jean-Baptiste .................................................. 657
invention of ............................................................. 656-7
Le Roy, Pierre ............................................................. 650
no. 3449 ................................................................. 657
Tyrer, Thomas, of London, no. 118 ............................. 658
Upjohn, Francis, of London .......................................... 659
Galileo ................................................................. 646
grasshopper ............................................................... 706, 757
Bracklesby Park ......................................................... 504-7, 510
explanation and drawings ........................................... 514-21
Harrison’s Grasshopper Escapement,
by John C. Taylor ...................................................... 513-21
gravity, double three-legged
Manchester, Town Hall ............................................. 255
Mindelheim, Turmuhrenmuseum ................................. 857-8
gravity, fifteen-legged .................................................. 720
gravity, six-legged ........................................................ 718
Gilmour ................................................................. 20, 278, 594, 871
lever
Emery, Josiah, watch no. 1104, (Nelson’s) ............. 516-7
roller pallets, Pierre Le Roy, disputed ......................... 786
sketch, by Mudge (?) .................................................. 218, 220, 221
pin-wheel
Ward, Henry, of Blandford ........................................ 688
Weight, Henry, turret clock ........................................ 256
pivoted-detent, Earnshaw ............................................. 777-8
Dutertre, Jean-Baptiste ............................................... 649
Goyffon, Les Frères, of Paris, no. 837 ...................... 787-9
Le Roy, Pierre .......................................................... 646, 647, 777-8
rack lever
Hatton, Christopher, of London, watch .................. 254
Smith’s patent, 5 tooth vertical rack lever, watch 261
Tobias, Morris, of London, no. 970 ......................... 342-3
silent, Campani, Giuseppe, of Rome ........................ 248
silent (gut anchor), Dutton, William, & Son, of London,
no. 353, bracket timepiece .......................................... 139
spring detent, Earnshaw .............................................. 189-90
Snowe, Nicholas, of Salisbury, wall clock, 1638. 685
escapement, continued, verge and pendulum
Digne-les-Bains .......................................................... 173
escapement maker
Roberts, Albert, of London, trade card ........................ 800
Essex, tour by Turret Clock Group, 13 May 2006 ... 718
Ester, Estienne, of Geneva, watch, silver alarm .......... 632
Ester, Henri, of Geneva
gilt-brass and silver cased verge watch, 1630-1640..... 631
Etchinger, Hans Conraet, of Amsterdam
copper and painted enamel cased verge watch .......... 632
éti case maker
Burch, W. .................................................................. 354
Halbert, Mr ................................................................. 356
Eureka clock ............................................................... 720-1
Evans, David ............................................................ 526, 527
Evans, Jeremy
obituary of Beresford Hutchinson ............................. 456-7
Falconiere, Signor ...............................................................761
Evans, John, President of the Society of Antiquaries
of London, obituary of Octavius Morgan .......... 215-16
Evans, Moses, of Llangernyw, clock in dresser ....... 370
Evelyn, John, mentions Huygens ................. 666
Evidence from the Transient: The Importance of Ephemera
for a Proper Understanding of the Clock and Watch
Trades,
by David Penney, Part I ........................... 733, 790-803
The Excitement of Time, exhibition ............ 756-8
catalogue .............................................. 593, 758
Exeter Clock (by Jacob Lovelace) .............. 853
exhibition
Delaware Clocks .............................................. 759
The Excitement of Time .............................. 756-8
catalogue .............................................. 593, 758
The George Daniels Retrospective Exhibition ......466-7
Huygens’ Legacy, lecture by Hans van den Ende ..262-3
Ingenious Timekeepers .......................................613
Jewels of Time .............................................. 317
La Misura del Tempo, Trento, visit by AHS ...... 247-53
Royal Music Machines, Utrecht/HS ..................716-17
DVD from ................................................... 853
Time and Place: English Country Clocks 1600-1840
advertised .............................................. 97
catalogue advertised ..................................... 836
coincidence with AGM 2007 ......................... 559
The Country Clock Exhibition, editorial .......... 155
A Preview .......................................................... 685-9
The Triumph of Eros ..............................................759
Turret clocks; time for everyone .............. 316-17
Torenruwerken, book reviewed .................... 398
export, Stubs etc to America ......................... 25-6

F
Fabergé, Peter Carl Fabergé eggs, lecture by Charles Hadwell ....... 256-7
Falconiere, Signor .............................................. 761
falling-ball clock ........................................... 854
falling globe clock, Beham, Jacob, of Vienna, c. 1675...630
false pendulum
Chater & Sons, of London, true bracket clock ....... 601
Decharmes, Simon, of London
bracket clock, ebony, musical, calendar ......... 607
Delaire, Daniel
bracket clock, ebony, grande sonnerie, (stolen) ....294
Dunlop, Conyers, of London, bracket clock, ebonised 440
Ellicott, John, junior, of London
bracket clock, red lacquer, ¼ striking ............. 154
bracket clock, walnut .................................. 313
Flint, William, of Ashford (sen), dial clock ....... 82
Graham, George
bracket clock, ebony, ¼ repeat ....................... 22
no. 719, bracket clock, ebony silver mounted ....314
Gretton, Charles, of London
bracket clock, ¼ repeating, subsidiary dials ....... 862-3
Jefferys, John, of London, bracket clock, ebonised 861-2
mantel clock, Continental, quarter striking ....... 13
Quare, Daniel
bracket clock ............................................... 132

no. 81, ebony, bracket timepiece .......... 179, 182-3
Quare, Daniel, and Stephen Horsemann, no. 185,
bracket clock, ebonised, ¼ repeat musical, (stolen) 296
Tompion, Thomas
no. 276, ebony bracket clock ..................... 595
no. 315, ebony bracket clock ..................... 284-5
Tompion, Thomas, and Edward Banger, no. 430,
ebony ¼ repeating bracket clock, (stolen) ....... 293
family tree, Bradshaw, of Manchester ......... 166
Farmer, John, of Philadelphia ...................... 821
Father Time ...................................................... 362
Federatie Klokkenvrienden ......................... 613
Fleeley, Noel P., lecture report .................. 264-5, 416
Fellows, Sir Charles ......................................... 639
female makers
Aveline, Laura, watch case maker ............... 346
Aveline, Mary, watch case maker .............. 346
Fładgate, Ann, of London ......................... 199
Flett, Ann, of Charing ................................. 68, 72
Fenn, of London, waywiser, brass, c. 1800 ..........635
Ferguson, James
astrolabe table clock, once property of .......... 560, 629
tidal dial description .................................. 639-40
Ferrero, Eugène, of Digne ......................... 176-7
Ferrero, Gustave, of Digne ......................... 176
finger ring watch, see watch, finger ring
Flinn, Joseph, of Liverpool ......................... 363
use of the ‘Good Engraver’ ......................... 364
fire clock ....................................................... 852
Fładgate, Ann, of London ......................... 199
Fładgate, John, and Richard Wilder, of London ...198
Fładgate, John, of London
wall timepiece, alarm, c. 1760 ..................... 198-9, 630
Flaherty, Tom, The Speaker’s Clock, lecture .......416
Fleming, Andrew, Moon-Phase Displays, letter ....573
Fletcher, Douglas W. ...................................... 526
Fleurieu, D’Evaux de ......................................... 780
Flight, Benjamin, clock case maker .............. 355
Flint, of Charing, pedigree ........................... 76
Flint, Ann, of Charing ................................. 68, 72
Flint, Thomas, of Charing ........................... 69, 76
Flint, William, of Ashford ........................... 71, 76
Flint, William, of Ashford (senior) ............... 76, 81
dial clock, verge, salt box ............................. 82
longcase clock ........................................... 82
tavern clock, lacquer case ........................... 82
Flint, William, of Charing ......................... 65, 75, 76, 379, 393
blacksmith and clockmaker .................. 68-72, 74
longcase clock ........................................... 79
oak, 8-day, arch silvered dial ...................... 70
wall clock ..................................................... 79
wall clock, with alarm, c. 1760 ...................... 69
Flint, William, of Charing (junior) .............. 70-1, 76, 79, 81, 393
watch, verge, no. 24933 ............................. 70-1, 79
floral clock .................................................. 551
Floral clocks, lecture by Dave Richards ........ 109-10
flowmeter ....................................................... 715
fly, worm-driven
Weston, of Hastings, 30-hour longcase movement ....102
Fobis, Pierre de, of Lyon ............................... 163
foliot
Dover Castle, drawing .................................................. 189-90
Snape, Nicholas, of Salisbury, wall clock, 1638 ...............685
Folkes, Martin, FRS ...................................................... 470, 475
Folta, Dr Jaroslav .......................................................... 105
Fontaine, Jean, of London ..............................................418
For your further reading123-5, 273, 422-4, 575-7, 725-6, 865-8
*Bulletin of the British Sundial Society* .......................124, 273, 867
Het Torenumwerk .........................................................725, 865
*Horlogerie Ancienne* .................................................. 124, 422, 726
*Horological Journal* ..................................................125, 868
*Horological Science Newsletter* .................................123, 577
*Klassik Uhren* .............................................................423, 576-7
*La Voce di Hora* ..........................................................865-6
*NAWCC Bulletin* .......................................................124-5, 867-8
*Tijdschrift* .................................................................423, 575-6, 725-6, 866
Het Torenumwerk .........................................................273, 575
*La Voce di Hora* .........................................................273, 422-3, 576
Forestville Clock Company ............................................721
forgers
watches for Dutch market ..............................................330
watches for Swedish market ..........................................330-4
forging (hammerwork), use in making steel parts ............121
form watch, see watch, in form of
Fortain, Augustin, of Paris
gilt-brass cased verge watch, alarm ................................633
Foss, Thomas, of Pontefract, Joseph Hindley’s apprentice 169
Foster, George, of Ashford .............................................393
Foster, Mr, watch finisher ..............................................356
Foster, W. (England), pewter perpetual calendar disc .......635
Fotheringham, Thomas Stuart, Laird of Murthly .............252-4
Foucher, Blaise, of Blois
watch, enamel, *Battle of the Amazon*s .........................207-8, 632
Foulkes, Robert K., collection ........................................458
foundry mark
matchstick man, on Thomas Knifton lantern clock ......... 29
Fournier, G., (of Bayonne?) .............................................101
Fowler, D. ........................................................................ 334
Fox, John, of Ludlow ......................................................228
Français, Lois, of Paris, vertical table clock ....................561
Franklin, Benjamin ........................................................472, 825
Franks, Augustus Wollaston .........................................189
Frasser, John, of Worcester, lantern clock .......................746
Frech, Andreas (Germany)
gilt-brass cased verge watch, stackfreed, 1600-1650 .......630
Fremasonry, symbols ....................................................365-6
French clocks
*Dutch Clocks / French Clocks 1657-1700*,
lecture by Jaap Zeeman ..............................................246-7
Frézet, Pierre, locksmith of Digne ................................171
The Friars, Newport, home of Octavius Morgan 212-14, 216
Friedberg, horology in ..................................................854-5
Friedel, L.G., of Budissin (Bautzen)
square horizontal table clock with alarm ......................641
Friesland clocks ...........................................................115
Frosthames, Charles, pocket chronometer ......................287
no. 07586, .................................................................621-2
no. 8886, 2-day ..........................................................439
Fromanteel, Abraham
longcase clock, velvet-covered iron dial ......................412
Fromanteel, Abraham, of London and Newcastle-on-Tyne,
research request, by John A. Robey ............................574
Fromanteel, Ahasuerus ..................................................668-9
bracket clock
3-train ...........................................................................180
cases, compared .........................................................187-8
stolen 29th June 1700 ....................................................188
clock dial made into milk skimmer ...............................338
*The Coster-Fromanteel Contract, its place in modern
scholarship*, letter by Keith Piggott .........................122-3
longcase clock, ebony, ‘Norfolk’ ....................................757
musical clock ..................................................................412
visited by Huygens ......................................................666
Fromanteel, Ahasuerus, and Edward East
table clock, grande sonnerie .......................................100
Fromanteel, Ahasuerus, II
bracket clock, ebony, silver mounted, striking, ¼ repeat,
alarm ............................................................................135
Fromanteel, John, of London
longcase clock
olive wood and parquetry .............................................610
walnut, ‘Cromwell Family’ ...........................................808-12
Fromanteel (without place)
longcase clock, Dutch striking .......................................412
Fronteau, Maurice, sale of collection ............................13, 311
Frost, Jonathan, of Exeter, watch paper .........................271
Jonathan Frost, letter by Vernon Morris ......................271
Fryer, Alfred, of Ulceby .................................................510
Fuller, William, of London, longcase clock .................419
Furet the elder, of Paris
spring-driven lantern clock, c. 1750 ...............................630
Fürstenfelder, Benedikt, of Friedberg
horizontal table clock, rotating figure indication ..........854-5
longcase clock, 3-train, subsidiary dials .........................845-9
Furtwangen
Antik-Uhrenmesse ......................................................859
Deutches Uhrenmuseum ................................................858-60
fusee, reversed
Frosthames, Charles, pocket chronometer, no. 8886 ......439
Le Roy, Jean-Baptiste ....................................................646
Fusoris, Jean, Bourges, cathedral clock .........................172

G

Gaia Prize 2006
awarded to John Leopold and Luigi Pippa ..............611, 612
Galileo ...........................................................................97-8, 316, 646
*Galileo, Einstein, and Time*, Wollendale, Sir Arnold ...97-8
Gardner, Malcolm .........................................................24, 861
Garfoot, William, of London, longcase clock ...............412
Garon, Peter, of London, silver pair-cased verge watch ....633
Garrett, Ferdinand, of London
gilt-brass and silver cased verge watch, 1605-1615 ....631
Garrett, Wendell ..........................................................365
Garvan, Anthony N.B. ....................................................807
Gassendi, Pierre ............................................................171
Gauceron, Matthew ......................................................352
gauge, boiler thickness .................................................413
Gaydon, Heritage Motor Centre
visit by Midlands Section ..............................................849
gearing
contraire, in Antikythera Machine ...............................327-9
differential, in Antikythera Machine, rebutted ..............51
epicyclic, in Antikythera Machine .................................51, 54-9
worm, fl., Weston, of Hastings, 30-hr longcase ..........102
Geiger, Johann Friedrich, of Bad Langensalza
horizontal table clock, alarm, c. 1690 (movement) ....629
General Post Office (GPO)
*Electric Clocks and the GPO*, lecture by Jan Wright 564-5
time service ..................................................619-20
Gents of Leicester
Lancashire Watch and Clock Making, lecture ..............................................714-15
Griffiths, timepiece, 8-day ........................................................................369
Grimbergen, Kees, and Jan Pool
Sun pointing arrow, lecture ........................................................................263-4
Grimthorpe, Edmund, 1st Baron
appreciation by Chris McKay ...................................................................117
Lord Grimthorpe, lecture by Chris McKay .............................................254-5
wreath laid on centenary of death ................................................................163
Grimwood, Peter
Moon Mechanisms, a Restorer’s Guide, reviewed ...................................398-9
Grinkin, Robert, of London, table clock ....................................................561
Grinkin, Robert jnr, of London
silver pair-cased verge watch ....................................................................632
Gruber, Hans, of Nuremberg .....................................................................248
gilt-brass cased verge watch, stackfreed, c. 1570 ....................................631
Gruber, Michael, of Nuremberg, gilt-brass cased verge watch, stackfreed and alarm, c. 1610 ....631
Guilmeth, escapement ....................................................................................20, 278, 594, 871
Guiraud, Jean, and Joseph Labre, of Digne
Turret clock, Digne-les-Bains ....................................................................171-3
Guiraud, Jean, locksmith, of Digne ...........................................................171
gunner’s level, anonymous, copper .............................................................635
Guold (sic) (London?), silver and brass pair-cased verge repeating clock-watch .........................................................633
Gutbub, Hans, of Strasbourg
horizontal table clock with automaton, c. 1600 ...........................................629
Table Clock with Alarm, Hans Gutbubob, c. 1590 ...................................37-9
Gutkaes & Lange ..........................................................................................99
Gwydir Castle ...................................................................................................369

H
Haase Klok, see Hague clock
Habermel, Erasmus (?) (Germany)
brass surveying set, c. 1590 .........................................................................635
Habrecht, Isaac, of Strasbourg
carillon clock, dated 1589 ...........................................................................212, 629
Susanne, daughter .........................................................................................37
Hackney College ...........................................................................................456, 458
Hadley, John, FRS .......................................................................................470
Hadwell, Charles, Fabelge eggs, lecture .....................................................256-7
Hager, M., of Arnstadt
brass horizontal and analemmatic dial, c. 1600 ............................................634
Hager, M.T., of Arnstadt, gilt-brass pedometer, c. 1690-1695 ...635
Hager, Wolfgang, of Arnstadt
wall clock, cross-beat escapement, c. 1630 ..................................................204-5, 630
Hague clock
Hoevenaer, Antonie, at Leyden .................................................................263
Lachez, Simon, of Utrecht .........................................................................263
Hahn, Philipp Matthäus ..................................................................................854
Weltmaschine, 1774 ....................................................................................859
Halbert, Mr, étau case maker .........................................................................356
Haldia, of Henning Hammarlund, factory ...................................................333-4
Halford, Edward, clock case maker
longcase clock, walnut, (stolen) ....................................................................9
Halleicher, Johann Otto, of Augsburg
silvered-brass cased verge watch .................................................................632
table clock with grynphon automaton, c. 1640 ? .................................629
Halley, Edmond, FRS ...................................................................................462, 470
portait ..................................................................................................................468
Halsted, Robert, of London ..........................................................................231
Halton?, William, of Ludlow ........................................................................231
hammer (bell) head, decorated .......................................................................488
hammer counter, decoration on lantern clock ...............................................43
Hammermen, Incorporation of ....................................................................100
handbill, reward for part of watch case ..........................................................798
Handley and Moore, turret clock, striking, dated 1810 ............................578
hands, beetle and poker
Allam, William, of London, watch no. 1416 .............................................340
Hannah, Jim
lecture report ..................................................101-2, 254-6, 411, 564-5, 710, 848
Harder, Anton ...............................................................................................563
Hardy, John, of London, watch case maker ..................................................493
Hardy, William, escapement, constant force ............................................224
Harris, Joseph, watch ....................................................................................105
Harris, Thomas
bracket clock ..................................................................................................187
motion and slide maker ................................................................................356
Harrison, Henry (1632-1701) ........................................................................502
Harrison, Henry (1665-1728) ........................................................................502
Harrison, Henry (1732-80) ............................................................................511
Harrison, James ..............................................................................................511
Harrison, James and John
longcase wooden regulator (1726) .....................................................461, 705, 706, 756
 turret clock, Brocklesby Park ....................................................................528
article by Andrew King ............................................................................496-512
lecture by Andrew King ............................................................................116-17, 245-6, 706-7, 850
Harrison, James, (IV, 1791-1875) ................................................................509, 510
Harrison, John
Bibliography of Published and Manuscript Sources
Relating to John Harrison, by William J. H. Andrews .................................530-7
A Chronology of John Harrison, by Andrew King ........................................528-9
compass, A Plane Table Compass, John Harrison ....................................171844
designs philosophy .........................................................................................513
equation of time, table, 1717 ........................................................................478-9
The Fate of Harrison’s Timekeepers, by Jonathan Betts ..............................522-7
Harrison’s Grasshopper Escapement, by John C. Taylor .............................513-21
The Images of John Harrison, by Andrew King ..........................................538-43
John Harrison and the Astronomers Royal of his Period, by Sir Arnold Wolfendale ..................................................468-74
John Harrison Clockmaker, by Andrew King
Part 1: His First Longcase Clocks, 1713-17 .................................................475-88
Part 2: The Brocklesby Turret Clock c. 1722-496-512
John Harrison’s Watchcase Makers, by Philip Priestley .............................489-95
longcase clock
1713 ..............................................................................................................476-7, 479-88
1715 ..............................................................................................................477, 480-8
1717 .............................................................................................................477-9, 480-8
barrel and ratchet ..........................................................................................480
winder ..............................................................................................................480
wooden regulator (1726) .................................................................461, 705, 706, 756
meeting with Graham ...................................................................................462, 545
memorial to, in Westminster Abbey ..............................................................460-3
Memorial for John Harrison
by Dr Jeff Darken ..........................................................................................96
by Ken Shenton ...............................................................................................156
Harrison, John, continued, memoral to, in Westminster Abbey, continued, Harrison in the Abbey ..........................................................460-3
address by William Andrews .......................................................................461-2
address by Dava Sobel .................................................................................462-3
address by Diana Uff ..................................................................................461
address by Sir Arnold Wolfendale ............................................................463
book compiled by Sir Arnold Wolfendale, advertised ................................442
ceremony, described ....................................................................................460-1


musical scale .........................................................463
portrait, by
William Holl ..................................................543
Thomas King ..............................................538-9
John Kirk ..................................................540
Bernet Reading ...........................................433, 542
P. J. Tassaert ..................................................541
James Tassie ..................................................539-40
portrait, on watch by Barton ................................540
relations with Maskelyne .................................472-4
timekeepers
H1 .................................................................522, 526-7, 528
H1-H4 .........................................................522, 526-7-528
gimbals mounting ........................................523
H3 .................................................................523, 526, 527, 528
H4 .................................................................523, 524, 527, 529
H5 .................................................................524, 527, 529, 722-3
case ..............................................................494

horizontal table clock, grande sonnerie ...............560-1, 629

Hill of Tarvit, visit by Scottish Section ..................709-10
Hindley, Henry, of York .....................................418-19
Hindley, Joseph, of York .....................................419-20
Hindley, apprentice to Henry Hindley ...................169
Hindley, Roger, of London, watch-cap maker ..........169
Roger Hindley, letter by Chris Watson ................418-19
The Hindleys, the Bradshaws, and the Farmer's Watch,
by Chris Watson ...........................................164-9
Hinge, Quare, Daniel, no. 81, ebony bracket timepiece 184-6
Hinton, Framces, of Ludlow ................................227
Hinton, of London, enameller
polychrome enamel picture ................................803
trade card ..................................................802
Hipp, Matthaus, chronoscope ................................238, 417, 570
Hippochronos, lunar theory ....................................62
 Hochecorne, Isaac, of London .........................493
Hocker, John, lantern clock, miniature alarm timepiece.286
Hodges, Nathaniel, of London
bracket timepiece, miniature ¼ repeat .....................876
Hodgetts, Graham, Re: John Jefferys, letter ..........861-2
Hodgson, Brynn
Langley Bradley, lecture ..................................849-50
Hodgson, Tom ..............................................258
Hoehvanger, Antonie, at Leyden, Hague clock .........263
Hoffman Frères de Paris, musical picture clock ........264
Hofmajers, Hans, Telling Time - Devices for time
measurement in Museum Boerhaave, reviewed .......237-8
Holbein, Hans, The Ambassadors .......................553
Holiday, Cornelius Brook, watch case maker ...........439
Holl, William, engraving of Harrison .....................542-3
Holles, Sir Frescheville, portrait ..........................674
Hollis, Geoffrey
book review ..................................................550-1
Hollis, John, apprentice to Henry Hindley ..........169
Holmes, Robert and Samuel, of Dublin .................792
Holmes, Sir Robert
caricature ..................................................678
character and career ........................................675-6
journal of Guinea voyage ....................................678
portrait .....................................................674
raid on Vlie estuary, 1666 ...................................676
Holmforth, carillon ..........................................256
Helmstine of Stockholm or London .......................417
Henderson, Robert, of London
longcase clock, musical mahogany .......................424
Hennessey, Martin, Treasures of the NAWCC, lecture ..265
Hercules, engraved depiction of ..........................832
Herstmonceux, Chronometer Section ..................526-7
Hettich, domestic ‘high-beat’ clock .......................269
Hewitt, Thomas, movement maker .......................356
Heywood, Abel ..............................................255
Higginbotham, John, of London .........................493
Hilliard, gold filigree and blued-steel pair-cased verge watch.632
lantern clock ................................................746
shagreen cased verge watch, c. 1655 ......................631
watch .......................................................640
Hill, Micahla, The Excitement of Time ..................756-8
Hill of Tarvit, visit by Scottish Section ..................709-10
Hindley, Henry, of York .....................................418-19
apprentices, list of known ................................169
Hindley, Joseph, of York .....................................419-20
Hindley, apprentice to Henry Hindley ...................169
apprentices, list of known ................................169
Hindley, Roger, of London, watch-cap maker ..........169
Roger Hindley, letter by Chris Watson ................418-19
The Hindleys, the Bradshaws, and the Farmer's Watch,
by Chris Watson ...........................................164-9
Hinge, Quare, Daniel, no. 81, ebony bracket timepiece 184-6
Hinton, Frances, of Ludlow ................................227
Hinton, of London, enameller
polychrome enamel picture ................................803
trade card ..................................................802
Hipp, Matthaus, chronoscope ................................238, 417, 570
Hippochronos, lunar theory ....................................62
 Hochecorne, Isaac, of London .........................493
Hocker, John, lantern clock, miniature alarm timepiece.286
Hodges, Nathaniel, of London
bracket timepiece, miniature ¼ repeat .....................876
Hodgetts, Graham, Re: John Jefferys, letter ..........861-2
Hodgson, Brynn
Langley Bradley, lecture ..................................849-50
Hodgson, Tom ..............................................258
Hoehvanger, Antonie, at Leyden, Hague clock .........263
Hoffman Frères de Paris, musical picture clock ........264
Hofmajers, Hans, Telling Time - Devices for time
measurement in Museum Boerhaave, reviewed .......237-8
Holbein, Hans, The Ambassadors .......................553
Holiday, Cornelius Brook, watch case maker ...........439
Holl, William, engraving of Harrison .....................542-3
Holles, Sir Frescheville, portrait ..........................674
Hollis, Geoffrey
book review ..................................................550-1
Hollis, John, apprentice to Henry Hindley ..........169
Holmes, Robert and Samuel, of Dublin .................792
Holmes, Sir Robert
caricature ..................................................678
character and career ........................................675-6
journal of Guinea voyage ....................................678
portrait .....................................................674
raid on Vlie estuary, 1666 ...................................676
Holmforth, carillon ..........................................256
Bell-founding and the Whitechapel Foundry, lecture 260-1
Hulme, J., of Stretford, watchmaker, 1845 ..................168
Hulme, James, of Altrincham, watchmaker, 1846 ..........168
Humbert, Les Frères et Pastre, of Paris, gold, enamel, gilt-

Brass and leather triple-cased verge watch ..............633
Hunting scene, decoration on table clock ..................39
Hurrion, Christopher

Contributor to Precision Pendulum Clocks .................397
Hurst, Michael

An Iden Timepiece, letter .................................421
meeting report ............................................247-53, 560-2
Hurst, Michael and Jacqueline, A Tapestry Clock 133, 162-3
Hutchinson, Beresford .......................................455
Curiosities of Clocks and Watches, lecture ...............265
family connection with Octavius Morgan .................562
obituaries, by Jeremy Evans and Jonathan Bettis ........456-9
Huygens, Christiaan

Anagram (priority for spiral spring) .........................762
balance spring ideas ........................................663, 760, 762-3, 767
Hooke's reaction ............................................663-4
cycloidal pendulum ..........................................680-1
Horologium Oscillatorium .................................665, 679, 680, 804
pendulum clock sea trials ..................................668-70, 674-9
Dutch patent resulting ........................................675
probable misreporting of ....................................675-9, 682
spectacular reported success ..................................674-5
pireouette .........................................................763, 767
Huygens, Christiaan, continued, triangular pendulum ..767, 768
visit to London, 1661 ...........................................666
visit to London, 1663 ...........................................670
Huygens, Sir Constantijn .................................664-5, 670
Hyde, Tom, of Stamford .....................................502, 503

I

An Iden Timepiece, by J. Plowman .....................179-88
letter by Michael Hurst ........................................421
Iden, Walter, collection ........................................179
Identification Friend or Foe clocks .........................269
IG (maker's mark) (Germany)
horizontal table clock .......................................610-13
IG, mark of Joseph Glenny, (casemaker), of London .. \n194-5
IH, I.H, I+H, case maker's marks .........................492-3
IH (maker's mark) (Germany)
gilt-brass cased stackfreed clock-watch, 1580-1600 ..630
JB, mark of Jan Janssen Bockelts? ........................830
Ilbert, Courtenay Adrian, collection .........................26
incense clock
The Scent of Time, lecture by Bernard North ..........852
inclined-plane clock, anonymous, France? ..............630
Ingold, Pierre Frédéric .........................................157
The Influence of Pierre Frédéric Ingold on the
Development of Mass Produced Watches, lecture by David Penney

567
Pierre Frédéric Ingold, lecture by David Penney ... 98-9
skills .................................................................99
innovation
Craftsmanship and innovation in London Clockmaking
1600-1700, lecture by Dr John C. Taylor .............549
instruments, depicted on watch case
Internet
Horology and the Internet, lecture by Dave Dungan .265
IR, embossed on sundial gnomon .........................45

Hooke, Robert

Cutlerian lecture, 1676 .....................................680-3
development of balance spring ............................760-3
draft patent ....................................................672
ideas betrayed to Huygens ....................................673
Huygens’ clock sea trials ...................................669-70
Huygens’ work, views on ..................................663-4, 680-3
law on springs ..............................................765
longitude problem, views on ............................682-3, 771-4
longitude, proposed timekeeper to find ..................672
Minutes of the Royal Society, MS
(The Robert Hooke Folio) .................................309, 464-5, 761
MSS, Trinity College Cambridge ............................671
4 ff. A-L transcribed ........................................771-4
dating of ........................................................671, 770
hoop wheel, Harrison, John, longcase clock ..............487
Hooper, John, Recent Discoveries, lecture .............411-12
Hoopes, Penrose R .............................................807
hopper clock (penduile à trémie), Le Roy, Pierre ........656
Horloge du Roi ...................................................545
Horological News .............................................247-7, 156-7, 316-18, 456-67, 612-13, 756-9
The Horse Guards Clock?, letter by Brian Harwood ...270
Houlgrave, Ellis, of London, watch cap maker, trade card
hours, Babylonian .............................................46
hour-glass, Charing (Kent) ....................................372
hours, Italian .....................................................46
on sundials .....................................................47, 48
Hovenschiöld of Stockholm ..................................332
watch ..........................................................333
Howell, John, Landis & Gyr pendulum meter; and IFF transmitters, talk .............................................269
HS (maker’s mark) (Germany)
gilt-brass stackfreed clock-watch, 1580-1600 ..........630
HS (maker’s mark), of Nuremberg?
gilt-brass stackfreed watch, 1640-1660 .................631
HT, case maker’s mark .......................................491-2, 495
Huber, Dr Bernhard ...........................................400, 855
Huber, Johann Jakob, Swiss astronomer ..................110
archive ..........................................................218-21
bearing, anti-friction ..........................................223
compensation balance ......................................223
death of ..........................................................226
diary and cash account ......................................217-18, 219
escapement, constant force .................................219-21, 222
gimbals ..........................................................223
Huber-Mudge and the first constant-force escapement;
by Anthony G. Randall ........................................217-26
Huber-Mudge timepiece revisited, by Derek Pratt 217-18
meeting with James Bradley ...............................219-20
meeting with Mudge ..........................................220-1
Memoir ..........................................................218, 221-4
portrait of .......................................................226
Huber-Mudge and the first constant-force escapement, by
Anthony G. Randall, introduction by Derek Pratt ....217-26
Huber, Patrik-Philipp .........................................217
Hubert, John, A Mantel Synchronome, talk .............268
Hubert, Noel, of Rouen
gilt-brass and silver cased verge watch, 1615-1625 ..631
Huddleston, William ..........................................24
Hudson, Felix, Memorial Lecture
2005, by Dr Mich Darea ......................................100-1
2006, by Dr Mich Darea ......................................847
Hudson, William, of Philadelphia ..........................808
Hughes, Alan
IS (maker’s mark) (Germany)
gilt-brass cased verge coach watch, 1590-1610 ..........631
ivory
strip used in binnacle timepiece case ......................84
sundials made from ...........................................46-50, 634
use for sundials ..................................................46
watch case, Drake, John, of London .........................287
IW* (John Ward), case maker’s mark
George Graham watch no. 696 .............................548

J
Jackson, Brian .........................................................413
Jacobs, Coenrad, of Leeuwarden
gilt-brass and silver cased verge watch, c. 1610 ..........631
Jaeger-le-Coultre
‘Atmos’ clock ...........................................................563
wrist-watch, Memovox alarm, (stolen) .......................8, 9
Jager, Gemke .............................................................116
Jaggard, Edward, of London .....................................494
James III and VIII, Old Pretender, watch belonging to .101
Janvier, Antide
lunar indication ..........................................................603
Janvier, Antide, continued, mantel clock ....................312
Japanese clocks
hashira dokei ..........................................................202-3, 630
makura dokei .............................................................202, 630
Japanese timekeeping, note by Octavius Morgan ........207
Jardine, Lisa
Scientists, Sea-Trials and International Espionage:
Who Really Invented the Balance-Spring Watch? 663-83
Jarvis, Abel, of London, watch case maker .................491-2
Jauch & Schmidt
electric clock, Electo-Continova 1000 .........................268
Jauch, Karl, patent .....................................................124
Jeacock, William, of London, engraver, trade card ... 798-9
Jean Fontaine, letter by Paul Baker ............................418
Jefferys, John, of London
jewellery
bracket clock, ebonised, strike/silent .........................861-2
watch, Harrison’s, 1753 490-2, 527, 529, 538, 565
Jenkins, Mr, of Charing .............................................393
Jennings, of Fritwell
longcase clock, painted pine, single-handed .......... 578
jeweller
Bocquet, Paul ............................................................354
Laine, Mr .................................................................357
jewelling, English Watch and Chronometer Jewelling,
lecture by Dr Ian Greaves ........................................707-8, 848
John, Hans, of Königsberg
gilt-brass acorn form verge watch with pistol ...........632
Johnson, Dr Samuel, visit to Julien Le Roy’s shop .......775
Johnson, John, of London
bracket clock, mahogany verge ½ chiming ...............283
Johnson, Mike, Making enamel dials, talk ..................105
Joly, Jacques, of Geneva
watch, silver dog-form verge ..................................632, 639
Jonathan Frost, letter by Vernon Morris .....................271
Jones, Alfred, of London, clock case maker, trade card797-8
Jones, H.E., Hipp-toggle clock ..................................268
Jones, Henry, of London ..........................................368
bracket clock .............................................................732
gold cased verge watch ...........................................632
Jones, of Stroud, turret clock, Tetbury, Town Hall ....718
Jones, W.& S., of London, boxwood quadrant, c. 1800 .634
Jones, William, FRS, mathematician .........................470
Jooke’s, Philip ............................................................228
Jordan, James, of Chatham .....................................67
journeymen clock .....................................................105
Dutton, William .......................................................287
Joyce, clock, 8-day, day of month, inlaid oak cased ...369
Joyce, J.B., of Whitchurch, turret clock
Dereham (ex West Tofts) ...........................................724
Southwell Minster ....................................................103
Stroud, Simms Clock Tower ......................................720
Joyne, John, of St Germain, Paris
watch, square gilt-brass cased verge .........................632
Junghans .................................................................857
Astro-Chron ..........................................................269
Jupiter, depicted .......................................................201
Jurgensen, Jules, watch, minute repeater ....................19
Jurin, James, FRS ......................................................470

K
Kairos (opportunity) ..................................................367
Kamp, Hans van den ................................................116
Kappelin, M., of Lucerne
gilt-brass and rock-crystal verge watch, 1635-1645 ...631
Karakałos, radiographer ...........................................52, 53, 54
Karstejn, Dum Hodin .................................................106-7
Karner, Conrad, of Nuremberg
bone diptych sundial ...............................................50
punchmark ................................................................49
karrusel, Bahne Bonniksen and the Karrusel Watch,
lecture by Claire Woodward ......................................845-6
Kelley, C. Stuart, Charles Gretton, letter ....................573-4
Kelly, Jim, Some electric movements, talk ..................268
Kendall, Larcum ........................................................217
timekeeper, ‘K1’ .......................................................523-4, 527, 529
timekeeper, ‘K2’ .......................................................523, 527
timekeeper, ‘K3’ .......................................................523, 527
Kendrick, William, lapidary and goldworker .......... 351, 356
Kent (county), see also Charing (Kent)
letters re clockmaking in ........................................419-20
map of ....................................................................66
Kent, John, of Manchester, use of the ‘Good Engraver’ 364
Kerridge, William .....................................................104
kettle, use of bimetal in .............................................758
key, see winding key
key drawer, mantel clock, Continental, quarter striking .13
keyless work, see watch, keyless winding
Khêller, Johann Michael, of Friedrichsberg
silver and gilt-brass square cased verge watch ..........632
King, Alfred Charles, of West Brompton .................640
King, Andrew .............................................................530
book review ............................................................692-6
A Chronology of John Harrison ...............................528-9
The Harrison Turret Clock at Brocklesby Park,
lecture .................................................................116-17, 245-6, 706-7, 850
The Images of John Harrison ...................................538-43
John Harrison Clockmaker
Part 1: His First Longcase Clocks, 1717-17 ................475-88
Part 2: The Brocklesby Turret Clock c. 1722-496-512
A Plane Table Compass, John Harrison, 1718 ............44
King, Thomas, artist ..................................................538
King’s Lynn, Clockmaking in King’s Lynn 1600-1900,
lecture by John Webster .........................................567-8
Kingston-upon-Hull ....................................................475
bells tuned by Harrison .............................................475
early clockmakers in ...............................................475
Kipling, William, apprentice to Henry Hindley .......................... 169
Kirk, John, medal portrait of Harrison ................................................. 540-1
Kirsch, Hans, of Copenhagen, clock-watch .............................. 641
kittens .................................................................................. 708
Klok, Pieter, of Amsterdam, longcase clock ................................. 416
Knibb, John, of Oxford
  bracket clock
  ebony, striking, pull repeat .................................................. 305
  striking, 8-day .................................................................. 584
Knibb, Joseph, of London
  bracket clock
  ebonised, pediment top ............................................................. 150, 444
  ebony, Dutch striking ................................................................. 5
  ebony, ‘Phase III’, quarter repeating .......................................... 437
  grande sonnerie, double-six striking ........................................... 136-7
longcase clock
  ebonised, silver skeleton chapter ring ....................................... 108
  St Andrew’s University ............................................................ 812
Knifton, Thomas, of London, lantern clock
  early longcase for ................................................................. 35-6
Sir Thomas Wendy’s Lantern Clock .................................................. 1, 28-36
Knight, Jack, lecture report ............................................................. 714, 851
Knight, Susan
  lecture report ........................................................................ 105-7
Study Tours .................................................................................. 704, 845
Knottesford, William, of London
  bracket clock, olivewood, turntable base .................................. 447
Knight, Steven, of Ludlow .............................................................. 227, 228
Kock, Jacob ................................................................................ 333
Kohl, Max, AG, Chemnitz, seconds impulse table dial ................. 267
Konopiště Castle ........................................................................ 105-7
Körber, G.F., of Frankfurt
  silver pair-cased verge watch, c. 1750 ....................................... 633
Kraminer, Jan, Swedish Forgeries ..................................................... 330-4
Kratz, Michael, of Augsburg
  silver and gilt-brass cased verge watch ..................................... 632
Kreitzer, Conrad, of Augsburg
  gilt-brass and rock-crystal verge watch, 1630-1640 ........................ 631
Kressenstein, Georg Kress von ...................................................... 45
Kullberg, Mathias, of Stockholm, watch ......................................... 334
Kutna Hora ................................................................................. 106
Kyning, John, of London
  gilt-brass pair-cased verge watch ............................................. 633

L

La Flore, frigate, sea trial of Le Roy ‘A’ and ‘S’ .................................. 780
Labre, Joseph, locksmith, of Digne .................................................. 171
Lachez, Simon, of Utrecht, Hague clock ........................................... 263
Lackschilduhr (shield clock) ............................................................. 854
lacquer case
  Bennet, John, of London, tavern clock ......................................... 450
  Cooper and Hedge, of Colchester, longcase clock .................. 258
  Ellicott, John (jnr), of London, bracket clock, red .................................. 154
  Flint, William, of Ashford (sen), tavern clock .......................... 82
  Kent makers’ use of ................................................................. 65, 420
  Lacquer longcase restoration, talk by David Buxton 261
  Some Thoughts on the Case of the Longcase Clock, lecture by Michael Legg ................................................................. 566-7
  Spurgin, Jane, of Colchester, longcase clock ............................... 258
  Vulliamy, Justin, of London, tavern clock .................................. 597
LaFond, Edward ........................................................................... 815, 823
Laine, Mr, jeweller ........................................................................ 357
Lampard, John, of London
  gilt-brass and silver cased verge watch, 1615-1625 ................... 631
  Lancashire Watch and Clock Making,
  lecture by John Griffiths .......................................................... 714-15
Lancashire Watch Company ............................................................. 113
  The Lancashire Watch Company,
  lecture by J. Platt and A. Syder .................................................. 564
Landek, Johann Melchior, of Nuremberg
  gilt-brass pedometer and sundial, 18th century .......................... 635
Landis & Gyr
  eddy current clock .................................................................. 263
  maximum demand indicator ...................................................... 269
  pendulum meter ...................................................................... 269
Lang, Hans, astronomical clock, (1962) ....................................... 859
Langford, William, of Ludlow ......................................................... 231
Lantelme, Pierre, of Marcoux ............................................................ 176-7
lantern clock
  Ames, Richard, of London .......................................................... 416, 746
  anonymous, England ............................................................... 630
  anonymous, French, verge alarm .............................................. 602
  anonymous, London (? (three) .................................................. 630
  Bibbie, Edward, of Chewstoke ................................................. 153
  Bowyer, William, of London ..................................................... 411
  Drew, John, of London ............................................................. 746
  Ebsworth, John, of London
  in New Cheape Side, centre verge, alarm .................................. 746
  at ye crossed keys, ¼ chime, alarm ........................................... 746
  Frasrer, John, of Worcester ...................................................... 746
  Furet the elder, of Paris, spring-driven, c. 1750 .......................... 630
  Harvey, Robert, of London ...................................................... 100, 411, 756, 758
  Harvey, Thomas, of London ..................................................... 411
  Hill, Benjamin, of London ......................................................... 746
  Hocker, John, miniature alarm timepiece .................................. 286
  Knifton, Thomas, of London ...................................................... 1, 28-36
  Ormskirk maker, c. 1697, square dial .................................... 274
  Pennock, John, of London
  c. 1635 ................................................................................. 199, 630
  original balance ....................................................................... 411
  Robinson, Robert, of London ..................................................... 746
  Smorthwait, John, of Colchester ................................................. 42-3
  Snow, Martin, of Wells ............................................................. 643-4
  Testa, of Nantes ...................................................................... 263
  Wasson, Solomon, of Bristol ...................................................... 746
  Wright, Francis, of Woodston ..................................................... 746
  lantern clock, spikes ................................................................. 29
  lantern pinion
  turret clock, Digne-les-Bains ..................................................... 173
  Lanz, Nikolaus, ?, of Innsbruck
  vertical table clock, c. 1560 ....................................................... 630
  lapidary and goldworker, Kendrick, William ......................... 351, 356
  Lairesche, H., of Paris .............................................................. 783-4
  Lattimore, Dr Colin
  Clocks in the Fitzwilliam Museum, lecture ................................. 107-8
  L’Aurore, frigate, sea trial of Le Roy ‘A’ and ‘S’ ........................... 779-80
  Lawrence, T.E. (of Arabia), visit to grave ................................. 104
  le Brun, Mr, engraver ................................................................ 357
  Le Cerf, of Geneva .................................................................... 787
  Lecluse, F., of London, reward handbill ................................... 798
  Le Count, Daniel, of London
  longcase clock, walnut marquetry ............................................ 146
  lecture report
  Amson, Dr John, Tidal Clocks .................................................... 846-7
  Archard, Paul, Viennese Clocks .................................................. 714
  lecture report, continued
  Arnfield, Jim
  Dismantling & Reassembling a Marine Chronometer ................. 103
  Restoration of a Musical Clock by Novel Methods
Arthur, George, *The Lowne Electric Clock Co*...........860
Bets, Jonathan
*The Birth of the Modern Chronometer*................409
*Rupert Gould and his Contribution to Horology*....265
Bundock, Mike
‘Commercial’ Turret Clocks.............................713-14
*The Need for a Turret Clock Database*.............267
Buxton, David, Lacquer longcase restoration........261
Campbell, Gregor, Horological Lubrication...........409-10
Cloutman, Dr Ed W.
*Restoring a longcase by Martin of Crosby*........262
Cockrell, Dorothy, Enamelling..........................410-11
Coote, Ian, Watch and clockmaking tools............258-9
Cowham, Mike, *A Dial in your Poke*...............257
Crowley, Finbarr, *English Lever Pocket Watches*........464
Curran, Colin and Martin Hennessey
Irish painted clock dials ................................264-5
Dareau, Dr Michel J.
Scottish Clockmaking in the 18th Century...........100-1
Scottish Clockmakers – a Continuing Story........847
Davis, Keith
*Filling a Hole in a Clock Plate, demonstration*..414
Pivoting a Centre Wheel, demonstration..............851
Dungan, Dave, Horology and the Internet............265
Ende, Hans van den, Huygens’ Legacy.................262-3
Flaherty, Tom, *The Speaker’s Clock* ................416
Greaves, Dr Ian
*English Watch and Chronometer Jewellery*.........707-8, 848
Griffiths, John, *Lancashire Watch & Clock Making*...714-15
Grimbergen, Kees, & Jan Pool, *Sun pointing arrow*263-4
Hadwell, Charles, *Fabergé Eggs*.....................256-7
Hennessey, Martin and Colin Curran
Irisd painted clock dials ................................264-5
Hennessey, Martin, *Treasures of the NAWC*.........265
Hodgson, Brynn, *Langley Bradley*....................849-50
Hooper, John, *Recent Discoveries*....................411-12
Hughes, Alan
*Bell-founding and the Whitechapel Foundry*.........260-1
Hutchinson, Beresford, *Curiosities of Clocks & Watches*...........265
Jackson, Brian, *Clocks in the Manor House Museum*...413
King, Andrew, *The Harrison Turret Clock*.........116-17, 245-6, 850
Lattimore, Dr Colin
Clocks in the Fitzwilliam Museum........................107-8
Legg, Michael
Some Thoughts on the Case of the Longcase Clock..........565-7
Linnard, William (Bill), *The Vaughns of Pontypool*109
McBriety, Gerry, *Early German Clocks* ..............265
McKay, C.G. (Chris)
Horological Postcards .....................................854
Lord Grimthorpe.............................................254-5
Timing Turret Clocks.......................................267
Midleton, Viscount (Alan)
*Watches of the Royal Geographical Society*........710
Lecture report, continued,
Penney, David
The Influence of Pierre Frédéric Ingold on the Development of Mass Produced Watches...........567
Pierre Frédéric Ingold........................................98-9
Watches in the Manor House Museum....................413
Platt, J., & A. Syder, *The Lancashire Watch Company*564
Pool, Ian, & Kees Grimbergen, *Sun pointing arrow*263-4
Priestley, Philip
*The Development of the Pocket Watch*..............569-70
Impact of American Technology on the English Watch Trade..........................112-13
Randall, Anthony G.
*Mudge Timekeeper, ‘Green’*.........................110-12, 408-9, 848
Read, David, *Electrical Instruments*, demonstration.267
Read, Matthew, *The Transit of Venus*................414-15
Reynolds, Colin, *Gents of Leicester*................118
Richards, Dave, *Floral clocks*.........................109-10
Schraven, Dr Thomas
*Pendulum Electricity Meters of Hermann Aron*416-17
Scobie-Youngs, Keith
Manchester Town Hall Clock............................255
Turret clock projects.......................................853
Smith, Prof. Alan
Domestic Clocks in Manchester Town Hall ............411
Stoner, David C.
Automatic Teamaker Alarms................................712
Maidstone Museum, and Longcase Clock by Clement........................................414
Taylor, Dr John C.
Craftsmanship and innovation in London Clockmaking 1600-1700..........................99-100
The Sussex Tompion.........................................102
Thompson, David
Octavius Morgan and the Society of Antiquaries.562
Watches 1675-1753...........................................565
Treherne, A. A. (Alan), *Liverpool Watches*........850-1
Waddington, Trevor
English table clocks 1650-1900..........................262
Wiltshire Clock and Watchmakers.........................103
Webster, John
Clockmaking in King’s Lynn 1600-1900.................567-8
White, Ian
The Amazing Clocks of James Cox....................848-9
presented DVD, ‘Royal Music Machines’...............853
Whitworth, John, *Smith’s five-tooth escapement*....261
Whylor, Mark, *Military Timers*.........................568-9
Woodward, Claire
*Buhne Bonniksen and the Karrasel Watch*.........845-6
Wotton, Peter
Birth of the British Synchronous Motor Clock259-60
Wright, A.J. (Jan), Electric Clocks and the GPO...564-5
Zeeman, Jaap
Dutch Clocks / French Clocks 1657-1700.................246-7
Leecon, of Coleshill, carillon, Ludlow, St Laurence..232-3
Leeuwen, Pier van ..........................................114
Lefevre, Antoine, clockmaker, of Forcalquier........171-2
Legg, Michael, Some Thoughts on the Case of the Longcase Clock..........................565-7
Linnard, William (Bill), *The Vaughns of Pontypool*109
McBriety, Gerry, *Early German Clocks* ..............265
McKay, C.G. (Chris)
Horological Postcards .....................................854
Lord Grimthorpe.............................................254-5
Timing Turret Clocks.......................................267
Midleton, Viscount (Alan)
*Watches of the Royal Geographical Society*........710
Lecture report, continued,
Penney, David
The Influence of Pierre Frédéric Ingold on the Development of Mass Produced Watches...........567
Pierre Frédéric Ingold........................................98-9
Watches in the Manor House Museum....................413
Platt, J., & A. Syder, *The Lancashire Watch Company*564
Pool, Ian, & Kees Grimbergen, *Sun pointing arrow*263-4
Priestley, Philip
*The Development of the Pocket Watch*..............569-70
Impact of American Technology on the English Watch Trade..........................112-13
Randall, Anthony G.
*Mudge Timekeeper, ’Green’*.........................110-12, 408-9, 848
Read, David, *Electrical Instruments*, demonstration.267
Read, Matthew, *The Transit of Venus*................414-15
Reynolds, Colin, *Gents of Leicester*................118
Richards, Dave, *Floral clocks*.........................109-10
Schraven, Dr Thomas
*Pendulum Electricity Meters of Hermann Aron*416-17
Scobie-Youngs, Keith
Manchester Town Hall Clock............................255
Turret clock projects.......................................853
Smith, Prof. Alan
Domestic Clocks in Manchester Town Hall ............411
Stoner, David C.
Automatic Teamaker Alarms................................712
Maidstone Museum, and Longcase Clock by Clement........................................414
Taylor, Dr John C.
Craftsmanship and innovation in London Clockmaking 1600-1700..........................99-100
The Sussex Tompion.........................................102
Thompson, David
Octavius Morgan and the Society of Antiquaries.562
Watches 1675-1753...........................................565
Treherne, A. A. (Alan), *Liverpool Watches*........850-1
Waddington, Trevor
English table clocks 1650-1900..........................262
Wiltshire Clock and Watchmakers.........................103
Webster, John
Clockmaking in King’s Lynn 1600-1900.................567-8
White, Ian
The Amazing Clocks of James Cox....................848-9
presented DVD, ‘Royal Music Machines’...............853
Whitworth, John, *Smith’s five-tooth escapement*....261
Whylor, Mark, *Military Timers*.........................568-9
Woodward, Claire
*Buhne Bonniksen and the Karrasel Watch*.........845-6
Wotton, Peter
Birth of the British Synchronous Motor Clock259-60
Wright, A.J. (Jan), Electric Clocks and the GPO...564-5
Zeeman, Jaap
Dutch Clocks / French Clocks 1657-1700.................246-7
Leecon, of Coleshill, carillon, Ludlow, St Laurence..232-3
Leeuwen, Pier van ..........................................114
Lefevre, Antoine, clockmaker, of Forcalquier........171-2
Legg, Michael, Some Thoughts on the Case of the Longcase Clock..........................565-7
Leibniz, Gottfried, balance spring ideas ............763-4
Leicestershire, Earl Shilton Old Clock Club, Leicestershire Clocks + The Deacon Workshop, (CD) review.....89
Leiden, observatory...........................................238
Leigh, of Newton (le Willows), longcase clock, five train255
Lemaindre, Nicholas, of Blois
gilt-brass cased verge watch, 1600-1620...............631
Lemaire, Pierre, of Paris
silver adjustable horizontal dial, c. 1750.............631
Lemaître & Bergmann...........................................158
Lemaître, Pierre de, *L’Enjouée*............710
Lemaître, Pierre de, *L’Enjouée*, frigate trial of Le Roy ‘A’ and ‘S’.............780
Le Roy, Pierre (1717-1785), Letters to the Editor

Lesel, Michael, of Nuremberg

Le Roy, Jean-Baptiste (1720-1800)

Lepaute, Jean-André, of Paris

Lepaute, Henry, of Paris

Lepine, watch

Leroy, Charles, of Paris

Lepaute, Jean-André, one-wheel clock

Lepaute, Henry, of Paris

Lennox-Boyd, Sir Mark

Lenner, Antonio

Leopold, John H., awarded Gaïa Prize 2006

Le Roy, Pierre (the Uncle, 1687-1742)

Lepine, one-wheel clock

Le Roy, Charles, of Paris

Le Roy, Julien

Le Roy, Jean-Baptiste (1720-1800)

Lepine, watch

Leroy, Charles, of Paris

Le Roy, Pierre

The Eminent Pierre Le Roy in the Art of Timekeeping, by Charles Allix and Giuseppe Brusa

Part I: Up to about 1765

Part II: Marine Timekeepers and Wasters

Étrennes Chronométriques

L'Isis

The Vaughans of Pontypool

L'Isis, sea trial of Berthoud nos. 6 and 8

The Fall and Rise of the Gressenhall Clock

turret clock, Digne-les-Bains, estimate

Lepaute, Henry, of Paris

signature used by Pierre

Le Roy, Pierre (1717-1785)

The Eminent Pierre Le Roy in the Art of Timekeeping, by Charles Allix and Giuseppe Brusa

Part I: Up to about 1765

Part II: Marine Timekeepers and Wasters

Étrennes Chronométriques

L'Isis

The Vaughans of Pontypool

L'Isis, sea trial of Berthoud nos. 6 and 8

The Fall and Rise of the Gressenhall Clock

turret clock, Digne-les-Bains, estimate

Le Roy, Pierre (1717-1785)

The Eminent Pierre Le Roy in the Art of Timekeeping, by Charles Allix and Giuseppe Brusa

Part I: Up to about 1765

Part II: Marine Timekeepers and Wasters

Étrennes Chronométriques

L'Isis

The Vaughans of Pontypool

L'Isis, sea trial of Berthoud nos. 6 and 8

The Fall and Rise of the Gressenhall Clock

turret clock, Digne-les-Bains, estimate

Le Roy, Pierre (1717-1785), continued

Le Roy, Pierre (1717-1785)

Le Roy, Pierre (the Uncle, 1687-1742)

Lesel, Michael, of Nuremberg

Letters to the Editor

Charles Gretton

C. Stuart Kelley

Warner Meinen

The Church Clocks of Charing, Jonathan Betts

The Fall and Rise of the Gressenhall Clock, Clifford Bird

Re: John Jefferys, Graham Hodgetts

Moon-Phase Displays, Andrew Fleming

reply by Michael Wright

New Section?, Bernard H. North

Pierre Le Roy, Jonathan Betts

reply by Charles Allix

Samuel Atkins and Harrison's H5, Sir George White

Valliamy's Workmen, Paul Tuck

level, gunner's, anonymous, copper

Levitt, Lewis, of London, trade card

Lewis and Gunton, of London, engine turner

library

AHS see AHS: Library Notes

Basil University

British Horological Institute

Deutches Gesellschaft für Chronometrie

Lieshout, Berry van

Lighthouse, Peter

lignum vitae, use by Harrison

Lind, Nicholas, of London, watch

Lind, Nicholas, of Stockholm

Linden, Johann Anton, of Heilbronn, astrolobe, c. 1580

Linnard, William (Bill)

Occasion's Bald Behind, A Neoclassical Dial

by John Owen of Llansow

The Vaughans of Pontypool, lecture

Linquist, Johan, of Stockholm

Linstead-Smith, Peter, lecture report

Lion, George, watch

L'Isis, sea trial of Berthoud nos. 6 and 8

Lisle, Benjamin, of Rotterdam, silver cased verge watch

Lister, Thomas, of Halifax

bracket clock, ¼ striking, painted dial

Littlewort, George, of London

watch, no. 213, mail guard's

Liverpool Watches, lecture by Alan Treherne

Liversidge, Peggy

Lloyd, John, of Hafodunos, 'The Philosopher'

clocks listed in sale of his collection

lock, through subsidiary dial of watch

Martin, Thomas, of London, no. 795

London, John, of Bristol, longcase clock

long duration, month

London Byzantine sundial-calendar

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock

long duration, month

London, John, of Bristol, longcase clock
long duration, two year
Sarton, clock, going and striking single spring driven
long duration, unspecified
Robin, of Paris, table regulator.............................146
longcase, casework, see case, longcase
longcase clock
anonymous
organ clock, George III, Swiss or Black Forest?253-4
Becket, James, of Dover, walnut, (stolen)..........271-2
Bertolla, Bartolomeo Antonio, of Trento
astronomical chiming .........................................251-3
Beyer, William, of London, astronomical equation...747
Breukelaar, Jan, of Amsterdam (dial) .................335-7
Brys, of Edinburgh
mahogany, mercury pendulum .......................748
Carter, William, of Kingston
mahogany, moon, rise and fall ..................3
Catlin, Daniel, of King’s Lynn .........................568
Cloud, Ralph, of Beaminster, 30-hour .......412
Cooper and Hedge, of Colchester
lacquer case, centre seconds .......................101
Cooper, Joseph, of Malpas, 8-day single-handed....689
Duffield, Edward, of Philadelphia, walnut .......823-6
Dutch, walnut bombé case .........................757
Dutton, William, month regulator, annual calendar...108
Ebsworth, John, of London, 30-hour .................602
Ellicott, John, junior, of London
mahogany, ¼ chiming month ..................20
Flint, William, of Charing, oak, 8-day, silvered dial...70
Fromanteel, Abraham, velvet-covered iron dial .......412
Fromanteel, Ahasuerus, ebony, ‘Norfolk’ ...............757
Knibb, Joseph, ebonised, silver skeleton chapter ring108
Ludlow, Battle of .............................................670
Ludlow Church Bells, Clock & Chimes, 1460-1900
Horological Lubrication
slave clocks ................................................................269
lecture by George Arthur .....................................860

Longcase pinions, Robey, John A., letter ...........121
Longcase regulator, see regulator, longcase
Longines, wrist-watch, (stolen) .........................8
Longitude Act .......................................................468-9
Longitude, Board of ...........................................468, 528-9
minutes relating to John Harrison ........................351-2
Longitude problem
Bond, Henry ......................................................767, 770, 771
Hooke’s views on .................................................771-4
Huygens’ clock sea trials ....................................672, 674-9
lunar method ......................................................473
Lory, of Paris
longcase regulator, mahogany, equation, lunar ......603
Louis XIV, King of France
depicted on tapestry showing clock ..................162-3
Lovelace, Jacob, of Exeter, lecture by Clive Ponsford...853
Løwenstrøm, Paul de ...........................................776
Loywestoft, Battle of ............................................670
Lowne Electric Clock and Appliance Co.
clocks in Science Museum reserve .......................570
lecture by George Arthur .....................................860
slave clocks .......................................................269

Horological Lubrication,
lecture by Gregor Campbell .............................409-10

Ludlow
Ludlow Church Bells, Clock & Chimes, 1460-1900, by
Michael Page, Part 2 – The Chimes of St Laurence’s Church, Ludlow .................227-34
St Laurence, tunes played at ..............................234
Luken's, Isaac, of Philadelphia .............................814
Lumsden, George ..................................................236
lunar indication

The Antikythera Mechanism and the Early History of the Moon-Phase Display, by Michael Wright 319-29
Beyer, William, of London, longcase clock 747
Bockelts, Jan Janssen (the Elder), of Aachen, watches 830
Breguet, watch, no. 2649 751
Breukelaar, Jan, of Amsterdam 335-6
Carter, William, of Kingston longcase clock, mahogany 3
Decharmes, Simon, of London bracket clock, ebony, musical, calendar 607
on top of musical bracket clock, (stolen) 297
London Byzantine sundial-calendar 319-20
Lory, of Paris, Janvier’s system 603
Mascaron, Giovan Battista, of Milan watch, scallop form 248
lunar indication, continued.

Moon Mechanisms, a Restorer’s Guide, by Peter Grimwood, reviewed 398-9
Moon-Phase Displays, letter by Andrew Fleming 573
reply by M.T. Wright 573
Patek Philippe, gold tourbillon wristwatch 605
Ratcliffe, John, of Wrexham, bracket clock 716
rotating disc 319-20
rotating globe 20, 297, 319-22, 573, 589
Sauer, Christopher, of Philadelphia, longcase clock 821-3
Smythes, of London month mahogany longcase regulator 588-9
Vallier, Jean, of Lyon, silver alarm clock-watch 209
Lunds, patent synchronization 621
Lympham (near Birmingham) turret clock, notes by Octavius Morgan 639
Lynde, Mr, of Ludlow 229
lyre clock, Tregent, James, of London, mahogany 450

M

M, embossed on sundial gnomon 45
MA, mark of Michael Thomas Atkins of London 194-5
Maber, Roger 526-7
McBrierty, Gerry, Early German Clocks, lecture 265
McCabe, James, carriage clock, no. 3299, repeating 453
McCaire, Gideon, watch case maker 346
Macblesfield, 2nd Earl, (d. 1764), FRS 470
MacFarlane, Captain J., of Perth 84
Machin, John 469
machinery, clock manufacturing 857
McKay, C.G. (Chris), book review 236-7
Horological Postcards, lecture 853-4
John Moore and Sons of Clerkenwell Turret Clock Makers, reviewed 696
Tuning Turret Clocks, lecture 267
McKay, C.G. (Chris), Mike Bundock and, James W. Benson of Ludgate Hill Turret Clock Makers, reviewed 696
McKahan, Dr Bruce 156
MacPherson, Normand, of Edinburgh, trade card 790, 792
McQuater, Archie accurate tidal mechanism 846
Torsion Pendulum Clocks, contributor to lecture 563
Maddock, Edward (II), of Liverpool, watch case maker 167
Maddock, Randle, of Leek bracket timepiece, walnut, ¼ repeat, gathered rack 121-2
Maddock, Thomas, of Leek longcase clock, oak, 8-day single-hand 122
Maëcht, Philippe, of Paris, tapestry maker 163
Maganolli, Count Lorenzo 761
Magneta, slave mechanisms 268
magnetism, Hooke, Robert, “Magnetical Watch” 761-2, 764
Magnin, Mr 357
Magnin, Simeon, watchmaker 352, 357
mail guard’s watch Littlewort, George, of London, no. 213 134
Maillet, of Digne 177
maintaining power, bolt and shutter Bridgeman, Edward, of Covent Garden, rosewood, repeating bracket clock 741
Fromanteel, John, longcase clock, walnut 810-11
Graham, George, of London, longcase clock no. 611, ebonised 753
no. 772, walnut 754
Harrison, turret clock 502, 510
Knottesford, William, of London bracket clock, olivewood 447
Quare, Daniel, longcase clock, walnut 445
Tompion, Thomas, longcase clock 307
Tompion, Thomas, longcase clock, no. 114, walnut 10
Tunn, James, of London, longcase, month walnut 147
maintaining power, Harrison’s Huber-Mudge timekeeper 221
maintaining power, Hooke, Robert 768
maintenance, costs of, Charing church clock 377-86, 392
maker’s mark, see also watch case maker’s mark AR (Germany), gilt-brass cased verge clock-watch with stackfreed, 1600-1650 630
bird 834
HS (Germany) gilt-brass stackfreed clock-watch, 1580-1600 630
HS (Nuremberg?) gilt-brass stackfreed watch, 1640-1660 631
IG (Germany) horizontal table clock, c. 1630 629
IH (Germany) gilt-brass cased stackfreed clock-watch, 1580-1600 630
JJB (Jan Janssen Bockelts?) 830
IS (Germany) gilt-brass cased verge coach watch, 1590-1610 631
JW* (John Ward) 548
NL (Germany) horizontal table alarm clock, dated 1549 629
RC (Richard (C.A. et Cie) 160
SZ (Germany), horizontal table clock, c. 1560 629
makura dokei 202, 630
Manchester

Deansgate, c. 1800 166
Manchester Town Hall Clock, lecture by Keith Scoibie-Youngs 255-6
map of, c. 1800 165
Manly, Henry, of London gold and painted enamel watch outer case 633
mantel clock 14-day, (stolen) 272
Denière of Paris, lyre shaped, (stolen) 302
Dwerrihouse & Ogden 18
Godin of Paris Louis XV ormolu and Chinese porcelain, (stolen) 298
Hayle, Samuel, of London 40-1
Janvier, Antide ..........................................................312
quarter striking, Continental ........................................13
Vulliamy, Benjamin
no. 240, marble, porcelain and ormulu, (stolen) ..........299
no. 410, marble, porcelain and ormulu, (stolen) .......300
mantel regulator, see regulator, table
manufacture, 18th century, UK exports to America ....25-6
map of
Cape Verde Islands ..................................................679
Charing (Kent) area ..................................................389
Kent ...........................................................................66
Manchester and Salford, c. 1800 ................................165
proximity of England and Netherlands ...................665
Maragna, Tony
For your further reading .............................273, 422-3, 576, 865-6
Marie, David, of France ?, gilt-brass cased cylinder watch,
skeletisation movement, c. 1760 ..............................633
marine chronometer, see chronometer, marine
Markwick, James, of London
silver and tortoise-shell pair-cased verge watch .........633
silver cased verge watch ...........................................633
Markwick, of London, silver pair-cased verge watch ....633
Marlowe, Christopher ................................................367-8
marquetry case
Fromanteel, John, of London, longcase clock ..........610
Kent makers ...............................................................420
Le Count, Daniel, of London, longcase ......................146
Quare, Daniel, longcase .............................................737
Some Thoughts on the Case of the Longcase Clock,
lecture by Michael Legg ...........................................566
Tompion, Thomas
longcase clock, astralobic ........................................108
longcase, walnut and pewter inlay ..............................280
Martens, Jess Hans ....................................................775-6
Martenzeller, of Vienna, carriage clock ......................416
Martin, Fritz, electric clock .........................................268
Martin, Edzach, ivory steelyard, no. 1442 .....................635
Martin, Esmond Bradley .............................................466
Martin, Johann (attrib.), of Augsburg
 gilt-brass pedometer, c. 1700 .................................635
Martin, John, contributor to Precision Pendulum Clocks 397
Martin, John, of Melling .............................................262
Martin, of Crosby
longcase clock, complicated dial indications ............262
Martin, Thomas, of London, watch, no. 795 ..........281, 344-7
Martin, William, of Bristol
longcase clock, walnut, month, 'William Penn' ....817-21
Mary Rose [ship], sundials recovered from ..............45-6
Mascaroni, Giovan Battista, of Milan
watch, scallop form, calendar and lunar dials ............248
Maskelyne, Nevil
Astronomer Royal ....................................................473
connection with Longitude Prize ...............................472-4
determination of longitude of Barbados ....................473
own account of view of Harrison ..............................474
portrait .................................................................472
tests H4 .................................................................473
work at Schiehallion ................................................472
Mason, Bernard ..........................................................258
Mason, Mr, watch case maker ...................................357
Massey, Newcastle, Coventry, Prescot, London, watch .287
master clock, Gents of Leicester ...............................118
Matchett, John, of London
bracket clock, ebony, turntable base .........................454
matchstick man, on Thomas Knifton lantern clock ......29
Mathews, David, of Carmarthen (and Talley)
longcase clock, 30-hour .........................................366
Matthews, Martin, Engine Turning (DVD), reviewed ....838
matting, detail, Hayle, Samuel, of London, bracket clock.41
Maurer, Johann, of Füssen, silver skull-form verge watch 632
Maurice, E., of Paris, carriage clock .........................709
Maurice, Klaus ..........................................................856
Mazarin, Cardinal .....................................................163
Meadows, A.J. ..........................................................619
medal, Indian peace medal, 1757 .............................825-6
medallist, Pingo, Thomas ...........................................353
Meinen, Warner, Charles Gretton, letter ..........................862-3
Mentink and Roest, in Vught, dealers .........................116
Mercer, Thomas, Ltd, chronometer, marine, no. 24821 .103
Mercury, transit of, 1769 ............................................825
meridian line, Greenwich ...........................................318
metallurgy
Hortological Metallurgy, lecture by Paul Craddock 708-9
Metamec, promotional slide show 1978 ......................91
metronome, Cadencia ................................................413
Metz, Petrus de, of Romans .........................................170
Metzger, Jeremias, monstrance clock .........................644
middle temperature error ...........................................661
Middleton, Lord ..........................................................35
Midleton, Viscount (Alan) .........................................102, 712
Watches of the Royal Geographical Society, lecture.710
Midnall, John, of London, gilt-brass cased verge watch .632
Migdal, Joanna............................................................460
Military Timers, lecture by Mark Whyler ..................568-9
milk skimmer, made from Ahasuerus Fromanteel dial ...338
Miller, Lienhart, of Nuremberg, punchmark ...............49
Mils, Humphrey, of Edinburgh,.................................100, 847
Mills, Richard, of Edinburgh ........................................100
Milton, John ..................................................................368
minute ring, Dutch arced .........................................335-6
Mitchell, Arthur
Library Notes ..................................................96, 245, 407, 559-60, 703, 844
An Unkown Alexander Bain Electric Clock?, note . 85-7
Mitchell, Robert P. .......................................................643-4
MM (Michael Muller), of Augsburg
vertical table clock, 1575-1600 ..................................630
mock pendulum balance (on watch)
Bradley, Langley, of London, silver pair-cased verge633
Dufour, of Paris, gilt-brass verge ...............................633
mock pendulum (clock), see false pendulum
Moillet, Jean
watch, gold and champlevé polychrome enamel ..........317
Moivre, A. de, FRS .....................................................470
Monk, John, model of Le Roy's Montre Marine ..........776
Monk, William, of Berwick St John ..........................104
turret clock, Wimborne Minster .................................104
monstrance clock, see also table clock
Metzger, Jeremias .....................................................644
month, anomalistic ...................................................56
month, draconici ......................................................56-9, 63
month, synodic ........................................................319, 329
month, tropical ..........................................................56, 324
months, personified ..................................................336
montre marine, see Le Roy, Pierre (1717-1785); Monk, John
moon dial, see also lunar indication
Rugendas, Nikolaus, of Augsburg, gilt brass and silver
horizontal sun-dial and moon-dial, c. 1700 ............634
Moore, John and Sons, of Clerkenwell
John Moore and Sons of Clerkenwell Turret Clock
Makers,
by Chris McKay, reviewed ........................................696
turret clock
Calehill and Little Chart .......................... 389-90
Kingswood church ................................... 720
Milton Abbey .......................................... 104
Old Harlow, St John’s church .................... 718
Moore, Sir Jonas ......................................... 765
watch with ‘C’ form balance spring .............. 766
Moray, Sir Robert ....................................... 664-8, 760
betrays Hooke’s work to Huygens .......... 673
Huygens’ clock sea trials ...................... 669-9, 675, 677
involvement with Royal Society .......... 665-6
Moreton, Dorset, engraved glass windows in church .... 104
Morgan, Dr Graham .................................... 25
Morgan, Octavius
Archaeological Journal, contributions to ... 189
article in British Museum, listed .......... 639-44
bequest, listing of .................................. 629-35
collection sent to British Museum ......... 196
death and will of ..................................... 196
Notes on the Ancient Clocks at Wells, Rye, and Dover
by David Thompson ................................. 189-93
obituary of ........................................... 215-16
Octavius Morgan and the Society of Antiquaries,
lecture by David Thompson ...................... 562
Octavius Morgan, Horological Collector,
by David Thompson
Part VI .................................................. 189-216
Part VII .................................................. 629-44
portrait of ............................................ 213, 216
Society of Antiquaries, involvement in .... 189
A Morris Tobias Binnacle Timepiece,
note, by Malcolm Savage ......................... 83-4
Morris, Vernon ........................................ 259
The Clockmakers of Charing, letter .......... 419
Jonathan Frost, letter ............................... 271
mortar, timepiece in form of, Cole, Thomas, no. 1600 .... 738
Moser, George Michael, chaser, George Graham watch .... 287
motion and slide maker, Harris, Thomas ........ 356
motto, Sic Transit Gloria Mundi, on longcase clock dial .... 3
Mottram, John, bracket clock, musical with automata .... 255
Mounier, Peter, watch case maker .......... 351, 353
Allam, William, of London, no. 1416 .......... 339-41
Movado, wrist-watch, Caleddatic, (stolen) ........... 9
movement maker, Hewitt, Thomas ........... 356
Muddle, Walter, of Charing, clock-keeper ........ 377
Mudge, Thomas ........................................ 24
bracket clock, lever escapement ............... 110
chronometer, marine, ‘Green’ .................... 217, 318
Mudge ‘Green’,
lecture by Anthony Randall .......... 110-12, 408-9, 848
Huber-Mudge and the first constant-force escapement,
by Anthony G. Randall, 
with an introduction by Derek Pratt .......... 217-26
meeting with Huber .................. 220-1
Mudge, Thomas, continued,
possible alterations to early clock .......... 560
Mudge, Thomas, and Dutton, William
drop-dial clock, large mahogany .......... 587
longcase clock ..................................... 734
Mueller-Maerki, Fortunat E., and Doug Cowan, report of
American Section tour of Southern Germany .... 854-60
Mueller-Maerki, Fortunat E., book review .... 237-8, 399-401
Muhammed ibn Ahmed el Maringe, brass quadrant .... 634
Müller, Ludwig Theodor, of Augsburg, dial
 gilt and silvered brass universal equinocial, c. 1760.634
Munk, James, apprentice to Wraight & Woolley .... 80
Munson-Williams-Procter Arts Institute .......... 317
Murrell, William, of Horsham, longcase clock, 30-hour .... 715
Murthly Castle, Perthshire, visit by Scottish Section .... 252-4
Amsterdam, National Maritime Museum .......... 114
Apeldoorn, Het Loo .................................. 114
Asten, National Carillon Museum .............. 115
Boehrhaave, National Museum of the
History of Science .................................. 116, 237-8, 715-16
Bristol, Industrial ...................................... 85
Bruchsal Castle, German National Museum for
Mechanical Music ..................................... 857
Bury St Edmunds, Manor House .............. 413
closure proposed .................................... 413
closure confirmed ................................. 567, 711-12
Cambridge, Fitzwilliam ............................ 107-8
visit by South Eastern Section ................. 108
Clockmakers’ Company, Friends ............... 874
Colchester, Tymerley’s .............................. 258
Deutsches Uhrenmuseum ......................... 851
Dorset Clock and Cider, Overmoigne .......... 104
Dover, Delaware, Biggs Museum .......... 759
Friedberg, Söstisches Museum ................... 854-5
Furtwangen, Deutsches Uhrenmuseum ....... 858-60
Geneva
Museum of Art and History ......................... 317
Museum of Horology and Enamelling ........ 317
Güthenbach ............................................. 854
Harlinger ................................................ 116
Jauré .................................................... 115
Karlstein, ‘Dum Hodin’ ............................. 106-7
Leicester, Newarkes Houses Museum ......... 89
London, British Museum ......................... 456, 644
gallery closure 2006-8 ..................... 759
Hugh Tait’s involvement ......................... 26-7
job advertisement ................................. 444
Le Roy, Pierre, one-wheel clock .............. 650-5
Octavius Morgan bequest ....................... 196
visits (early clocks) .................. 560-2
London, Greenwich
National Maritime Museum ..................... 409, 458
Royal Observatory ................................. 317-18, 522-7
Dibner Award 2006 ................................. 759
London, Science Museum
Byzantine sundial-calendar ..................... 319-20
visit to reserve collection ..................... 570
London, Somerset House ......................... 759
museum, continued,
Mons, Francis Dueseg Collection ............. 851
Morteau ................................................ 124
Munich
Bayrisches Nationalmuseum ..................... 856
Deutsches Museum ................................. 858
Royal Residence .................................. 857
Norfolk Rural Life Museum, Gressenhall ..... 724
Nuremberg, Germanisches Nationalmuseum ... 855-6
Overmoigne, Dorset Clock and Cider .......... 104
Oxford, Museum of the History of Science ... 97
Paris, Musée National des Techniques (CNAM)775, 781
Prague, National Technical ................... 107
Prescot, exhibition, ‘Ingenious Timekeepers’ ........ 613
Rockford, Time Museum ......................... 217
Schoonhoven, 
Dutch Gold, Silver and Clock ........ 114, 115, 316-17, 398
Schramberg, Stadt museum .................... 857
Schwenningen, Uhrenindustriemuseum ....... 857
St Fagans National History Museum
Nicole, Adolphe & Jules Capt.................................99
Nicole, David............................................................99
Nicole Frères, musical box, no. 33605, eight air, (stolen)................272
Nicole, Nielsen and Company ....................................99, 113
Nicole Nielsen, watch, lever, 1-minute tourbillon ........287
night clock
Campani, Pietro Tommaso, of Rome
striking, grande sonnerie on 3 bells..................248-50
Robert, D. l’aîné, of La Chaux de Fonds ?, 19th cent.?..............630
Nixon, Elliott ..................................................................457
NL (maker’s mark) (Germany)
horizontal table alarm clock, dated 1549........629
North, Bernard H.
New Section?, letter....................................................571
The Scent of Time, lecture .............................................851-2
North, John D., God’s Clockmaker; Richard of Wallington
and the Invention of Time, reviewed ......................401
Northern Goldsmiths Co., Newcastle upon Tyne
deck watch, no. 2027.................................................739
Nostell Priory...............................................................502
Notes
Jan Janssen Bockelts the Younger, ‘Puritan’ Style Watch
with Centre Seconds, Haarlem, c. 1630, by David Thompson........827-30
A Morris Tobias Binnacle Timepiece,
by Malcolm Savage.................................................83-4
An Unknown Alexander Bain Electric Clock?,
by Arthur Mitchell.................................................85-7
Nouwen, Michael, of London
quartz crystal-cased verge watch, 1609 ? (C19 fake)....................631
novelty clock, Mud Clock ..............................................413
Nuremberg, Portable Sundial making in Nuremberg,
by Mike Cowham....................................................45-50
Nuremberg, sundial-makers’ punch marks..........................49
Nye, James
lecture report..........................................................118, 267-9, 416-17, 860
visit report...............................................................570

Napier, Robert, collector .............................................524
Nash, Teddy, death of reported..................................569, 715
National Herb Centre, visit by Midlands Section .............849
navigation instruments, depicted on watch case ..............548-9
NAWCC, Treasures of the NAWCC,
lecture by Martin Hennessey .....................................265
Neele, of London, engraver ......................................801
nef, Schlotheim, Hans...............................................644
Nelson, Horatio, Admiral Lord
Emery watch no. 1104, belonged to Nelson ...............156-7
Nelthorpe, Mr, seal cutter ...........................................357
Netherlands
AHS, American Section, Study Tour, April 2005 113-16
Netherlands Turret Clock Foundation ..................316-17
Neumann, Petr ..........................................................106
Newhaven Clock Company
eight-day movement with two springs ..................415
Newsum, Bartholomew, of London .........................642
vertical table clock, c. 1580....196, 199, 200-1, 561, 630
will.................................................................199
Newsum, Edward..........................................................199
Newsum, John.............................................................199
Newton, E.J., regulator, longcase, (stolen) ......................9
Nicolas, François, of Digne........................................175
Nicole, Adolphe..........................................................99
Nicole, Adolphe & Jules Capt.................................99
Nicole, David............................................................99
Nicole Frères, musical box, no. 33605, eight air, (stolen)................272
Nicole, Nielsen and Company ....................................99, 113
Nicole Nielsen, watch, lever, 1-minute tourbillon ........287
night clock
Campani, Pietro Tommaso, of Rome
striking, grande sonnerie on 3 bells..................248-50
Robert, D. l’aîné, of La Chaux de Fonds ?, 19th cent.?..............630
Nixon, Elliott ..................................................................457
NL (maker’s mark) (Germany)
horizontal table alarm clock, dated 1549........629
North, Bernard H.
New Section?, letter....................................................571
The Scent of Time, lecture .............................................851-2
North, John D., God’s Clockmaker; Richard of Wallington
and the Invention of Time, reviewed ......................401
Northern Goldsmiths Co., Newcastle upon Tyne
deck watch, no. 2027.................................................739
Nostell Priory...............................................................502
Notes
Jan Janssen Bockelts the Younger, ‘Puritan’ Style Watch
with Centre Seconds, Haarlem, c. 1630, by David Thompson........827-30
A Morris Tobias Binnacle Timepiece,
by Malcolm Savage.................................................83-4
An Unknown Alexander Bain Electric Clock?,
by Arthur Mitchell.................................................85-7
Nouwen, Michael, of London
quartz crystal-cased verge watch, 1609 ? (C19 fake)....................631
novelty clock, Mud Clock ..............................................413
Nuremberg, Portable Sundial making in Nuremberg,
by Mike Cowham....................................................45-50
Nuremberg, sundial-makers’ punch marks..........................49
Nye, James
lecture report..........................................................118, 267-9, 416-17, 860
visit report...............................................................570
Seamaster, (stolen) ............................................................ 9
Speedmaster, (stolen) .......................................................... 9
one-wheel clock
Le Roy, Pierre ........................................................................ 649-55
Lepaute, Jean-André ........................................................ 649-51
Roi, Samuel et fils, of La Chaux-de-Fonds ....................... 650
Romilly, Jean .......................................................................... 650
Oosterwijk, Severijn .......................................................... 668, 669
Oostrom, Anthonie van, of Amsterdam ............................. 335
organ clock, anonymous
longcase, George III, Swiss or Black Forest? ..................... 253-4
Ormskirk Clock and Watchmakers,
by Anthony Daly, reviewed ............................................. 838
Ormskirk maker, lantern clock, c. 1697, square dial ......... 274
Ornamental Tumers, Society of ........................................... 838
Orpheus clock, square, in British Museum ....................... 214, 560, 629
Ortgy ..................................................................................... 238
Osborn, M.T., bell founder .................................................. 801
oscillating clock, Lepaute .................................................... 709
Otley, Sir Adam .................................................................... 32
Otto, Heinrich ......................................................................... 690-1
outworkers, Some mid-eighteenth century craftsmen: Gray &
Vulliamy outworkers and suppliers, by Roger Smith 348-58
Owen, John, of Llanrwst
‘Occasion’s Bald Behind’: A Neoclassical Dial
by John Owen of Llanrwst .................................................... 359-70
use of the ‘Good Engraver’ .................................................. 364-5
Owen, Watkin, of Llanrwst .................................................. 359

P
Padbury, Andrew, of Epsom
research request, by S.B. de Save ..................................... 574
Page, Michael
Ludlow Church Bells, Clock & Chimes, 1460-1900,
Part 2 – The Chimes of St Laurence’s Church .............. 227-34
Page, Mr .............................................................................. 357
painting, see portrait of
Palfrey, Henry
Wells Cathedral, drawing of ‘tournament’ ...................... 193, 643
palladium, use in watches .................................................. 109
pallet, roller, see roller pallets
Palmer, C.F., of London
impulse generator, balance wheel .................................. 267
Parbury, of London, watch case maker ......................... 548-9
Parkinson & Frodsham, of London, trade card .............. 794-5
Parsons, Isaac Hardy ............................................................ 118
Patek, Philippe & Co.
trade card ............................................................................. 796
wrist-watch, gold minute repeating tourbillon .............. 605
wrist-watch, world time and pulse .................................. 751
patent
Bain, Alexander, 10838 ...................................................... 85
Gillett and Bland .................................................................. 255
Jauch, Karl ............................................................................ 124
Smith, Samuel, of Coventry,
5 tooth vertical rack lever escapement .......................... 261
Tobias, Morris, of London
no. 3584, binnacle piece .................................................. 83-4
watch no. 970 .................................................................... 342-3
Willcock, of Canada, chiming train ................................ 412
Wycherley ................................................................. 112
Paterson, William, of Cambusnethan, bracket clock .... 709
Paulet, of London
silver travelling clock .......................................................... 642
Payne & Co., of London, carriage clock, ¼ striking ........ 2
Payne, George, of Ludlow ................................................. 231, 234
Payne, Richard, of London, watch case maker .............. 494
Pearson, Michael .................................................................. 419
Peckwell, Mr, chaser ............................................................ 357
pedometer
anonymous, China, silvered-brass ................................... 635
Hager, M.T., of Arnszt, gilt-brass, c. 1690 .................... 635
Landbeck, Johann Melchior, of Nuremberg
gilt-brass, with sundial, 18th century ......................... 635
Martin, Johann (attrib.), of Augsburg
gilt-brass, c. 1700 .............................................................. 635
Peffenhauser, Philipp, of Augsburg, gilt brass and silver
universal double-crescent altitude dial, dated 1719 ........ 634
Peffenhauser, Wilhelm, of Augsburg,
wath, gilt-brass and rock crystal cased, snail form 631, 638
Pelham, Sir Charles (1679-1763) ........................................ 496
Pelham, Sir Charles (1749-1823) ........................................ 511
Pelham, Sir William ............................................................ 496, 502
pendule à trémèse, Le Roy, Pierre ................................. 656-6
pendulum
5 seconds beat, Mindelheim, Turmuhrnmuseum 857-8
glass rod ........................................................................... 369
Huygens’ triangular ........................................................... 767, 768
pendulum, compensating
Continental, wall regulators ............................................. 743
gridiron
Lory of Paris, longcase regulator ...................................... 603
Roberts, Alexander, Charing church clock .................... 382, 722
Shelton, John, month longcase regulator ...................... 287
mercury
Brysons, of Edinburgh, longcase clock ......................... 748
Dent, E. J., no. 674, month wall regulator .................... 451
Riefler type ......................................................................... 743
Smeatonian ........................................................................ 369
suspension with sliding cheeks ...................................... 661-2
wood-rod, Lepaute, Henri, Paris .................................... 176
zinc and steel ..................................................................... 255
pendulum, false, see false pendulum
Penman, Laurie, The Carriage Clock,
A Repair and Restoration Manual, reviewed ............... 88
Penn, William
cash book and inventory .................................................. 819-20
clocks owned by ................................................................. 820-1
Pennfather, Maj-Gen David .............................................. 460
Penney, David ................................................................. 413
Evidence from the Transient: The Importance of
Ephemera for a Proper Understanding of the Clock & Watch
Trades, Part I .................................................................... 733, 790-803
The Influence of Pierre Frédéric Ingold on the
Development of Mass Produced Watches, lecture .567
obituaries of
J.G. Bulpitt (1932-2005) .................................................. 24
R.F. Carrington (1948-2005) .............................................. 157
Pierre Frédéric Ingold, lecture ........................................... 98-9
Pennington, Robert, Pennington’s dovetail detent
Bentley & Beck, pocket chronometer no. 932 .................... 7
Pennock, John, of London
lantern clock, c. 1635 ...................................................... 199, 630
lantern clock, original balance ...................................... 411
Pennsbury Manor, PA ........................................................ 818-20
Pepys, Samuel
diary entries .................................................................... 670, 677
visits Sir Robert Holmes .................................................. 677
Perigal, Francis, of London
longcase clock, mahogany, chiming, enamel dials ........ 303
Willoughby, Cassandra ...........................................33
Willoughby, Sir Francis ...........................................34
Wilson, Chris ..........................................................711
Wolfendale, Sir Arnold ..............................................705
Posidippus (Greek dramatist) ......................................367
Post Office, see General Post Office (GPO)
postcard, Horological Postcards, lecture by Chris McKay854
Potts, Charles ..........................................................255, 551
Potts, Michael S., Potts of Leeds, ...............................550-1
Five Generations of Clockmakers, reviewed ...............550-1
Potts, turret clock ....................................................415
Potts, William, & Sons, of Leeds ...............................550-1
Poulingue, John, engraver .........................................352, 357
Powell, Peter, St Roche Lecture, 2005, report .............25-6
Powers, T.B. ..............................................................720
Poy, Godfrie, of London .............................................571
Prague, visit by South Eastern Section .......................105-7
Klementinum ............................................................107
Loretta .................................................................106
Pratt, Derek, Huber-Mudge and the first constant-force escapement, introduction ........................................217-18
Pratt, William (England)
ivory ‘Arithmetical Jewel’, 1616 .................................635
Precision Pendulum Clocks, lecture by Derek Roberts ...707
precision timekeeper, see chronometer; regulator
Presgrave, David, lecture report ................................414, 568-9, 851-2
Prest, Thomas, keyless work .......................................591
Price, Derek de Solla
description of Antikythera mechanism .........................51
Price, John, of Bryneglwys, ‘Philomath’ ........................369
Priestley, Philip
book review ............................................................554-5
The Development of the Pocket Watch, lecture ..........569-70
Impact of American Technology on the
English Watch Trade, lecture ......................................112-13
John Harrison’s Watchcase Makers ..........................489-95
Princeps ‘New System’ master clock ..........................570
Pringle, Sir John, FRS ...............................................472
production, Charing (Kent) clocks ..............................75
Ptolemy, planetary theory of .......................................62
Pullen, David, watch case maker ................................494
pulsars, timekeeping of .............................................705-6
pulse-piece, Graham, George, watch no. 696 .............545-6, 547
Punch, use for marking wood ......................................46
‘Puritan’ style watch ..................................................827-30
Bockelts, Jan Jansen the Younger, of Haarlem ............827-30

R
Rabe brothers ..........................................................417
Rabelais .................................................................367
Radeloff, Nikolaus, of Gottorp .....................................656
radiograph, analysis via digitized version .....................52
Ramsay, David, of London
gilt-brass cased verge alarm watch, c. 1620 ... 631, 642-3
Ramsbury Manor
clocks and barometers stolen from ..........................291-302
Randall, Anthony G.
Huber-Mudge and the first constant-force escapement ..........................................................217-26
Mudge ‘Green’, lecture ..............................................110-12, 408-9, 848
For your further reading ...........................................124, 422, 726
Randolph, Benjamin, of Philadelphia, cabinet maker
trade card ..............................................................805
Ratcliffe, John, of Wrexham
bracket clock, two-wheel dead-beat escapement716, 717
Rau J., of Vienna
bracket clock, 3-train verge petite sonnerie ..................102
RC, mark of Richard (C.A. et Cie) ...............................160
Red, David
Dr Alan Shenton Award ............................................407, 705
Electrical Instruments, demonstration .......................267
portrait .................................................................705
Read, Matthew, The Transit of Venus, lecture .............414-15
Reading, Bernet, engraving of Harrison .....................542
Redfern, John, CAD model of grasshopper .................514-20
Redwall, Francis, of Overton
longcase clock, 30-hour posted frame .......................412
Reed, Tylden, of Charing ..........................................65, 80
Rees, Martin (Lord Rees), FRS ..................................464
Reference Works Online, Dr Jeff Darken ...................704
Regarding Randle Maddock of Leek and also William
Warren, letter by Barry Corbishley ............................121-2
regulation, Barrow type, Drake, John, of London, watch287
regulation, Bosley type .............................................330, 332
Bradshaw, John (2), of Manchester
no. 1119, silver pair-cased verge ..............................167
regulation, bristle ....................................................121
regulation, friction slide ..........................................767
regulation, rise and fall ............................................862-3
Carter, William, of Kingston, longcase, mahogany ....3
Graham, George, bracket clock, ebony, ¼ repeat ........22
Gretton, Charles, of London .....................................420-1
bracket clock, basket top ...........................................862-3
regulator
Precision Pendulum Clocks, The Quest for Accurate
Timekeeping, by Derek Roberts, reviewed ..................397
regulator, longcase ..................................................743
Barwise/Huddlestone, month ..................................287
Brewer, Richard, of Preston, mahogany, 45-day ..........288

Q
quadrant
Jones, W. & S., of London, boxwood, c. 1800 .............634
Muhammad ibn Ahmed el Marînge, brass .................634
Sutton, Henry, of London
printed paper on brass, dated 1658 .........................634
Quare, Daniel, and Stephen Horsemann
bracket clock, ebonised, musical, ¼ repeat, (stolen).296
Quare, Daniel, of London
bracket clock
no. 81, ebony, timepiece, pull repeat ......................179-87
striking and repeating ..............................................132
longcase clock
marquetry and walnut, month, Dutch striking .......737
walnut .................................................................711
walnut month going ..............................................445
Quare, Daniel, of London, continued,
Tompion, Thomas
bracket clock, no. 315, ebony ¼ repeat .....................284-5
travelling alarm timepiece, c. 1690 .....................196-8, 630
quarter chiming, see chiming, quarter
quarter-seCONDS, jump
Martin, Thomas, of London, watch no. 795 ..............344-7
quarter striking, see striking, quarter
quartz clock
Junghans Astro-Chron ..............................................269
Quill, Colonel Humphrey .................................463, 502, 503, 528
Brysons, of Edinburgh.................................................748
Clare, Peter..................................................................411
Dutton, William, annual calendar................................108
Lory à Paris, mahogany, equation, lunar......................603
Newton, E.J., (stolen)...................................................9
Shelton, John, month...................................................287
Smythes, of London
mahogany, month duration, Halifax moon..................588-9
Walker, John, of London, (stolen).................................9
Ward, Henry, of Blandford, month going, equation...688
regulator, table
Robin, fils, of Paris......................................................311
Robin, of Paris, long duration....................................146
regulator, wall
Continental, late C19 or early C20, various.................743
Dent, E.J., no. 674, month going.................................451
Reh Ke’ar, painted porcelain-cased watch
with figures and animals in colours............................633
Reid, Thomas ................................................................649, 659
Reid, William, mechanic, of London.........................86, 87
Reinhold, Janus Hans, horizontal table clock...............717
Reinhold, Johan, of Augsburg
horizontal table clock, astronomical...........................854-5
Reinmann, Paul, of Nuremberg
ivory and boxwood polyhedral sundial, dated 1597-634
ivory dipycth sundial
1598 ..........................................................................48, 49
1607 ..........................................................................634
book, 1607 ..................................................................48
oval, 1588 ..................................................................47
punchmark ...................................................................49
religieuse ......................................................................416
remontoire, spring, Le Roy, Pierre (1717-1785)..............660
remontoire, weight-driven...........................................255
A Renaissance Clock, letter by Michael J. Worsley.....119-21
repeat, half-quarter
Spiegel, Joseph (signed Legeips), of Friedberg, silver
repose case and leather pair-cased coach-watch, alarm633
repeat, hour
Chater & Sons, of London, true bracket clock.............601
repeat, minute
Arnold, John, watch, Stogden pattern........................572
Breguet, watch, no. 2649.............................................751
Emery, Josiah, of London, watch, Stogden pattern.......572
Jurgens, Jules, watch....................................................19
Patek, Philippe, gold tourbillon wristwatch..................605
repeat, pull
Bridgeman, Edward, of Covent Garden
rosewood bracket clock.............................................741
Graham, George
no. 719, bracket clock, ebony silver mounted............314
Quare, Daniel, bracket clock.......................................132
repeat, quarter
anonymous, carriage clock.....................................254
Arnold, John, finger ring watch..................................639
Bertolla, Bartolomeo Antonio, of Trento
longcase clock, astronomical.....................................251-3
Decharmes, Simon, of London
bracket clock, ebony, musical, calendar.....................607
Dupin, Paul, of London
gilt-brass and shagreen verge watch..........................633
Fromanteel, Ahasuerus, II, bracket clock
ebony, silver mounted, striking, ¼ repeat, alarm........135
Graham, George
bracket clock, ebony.................................................22
watch no. 696 .............................................................545-9
Gretton, Charles, of London
bracket clock, basket top..........................862-3
Hodges, Nathaniel, of London
bracket timepiece, miniature, basket top.................876
Knibb, John, of Oxford
bracket clock, ebony, striking..................................305
Knibb, Joseph, of London
bracket clock, ‘Phase III’............................................437
Maddock, Randle, of Leek
walnut bracket timepiece, gathered rack……………….121-2
Quare, Daniel, and Stephen Horsemann
no. 185, bracket clock, ebonised, musical, (stolen).......296
Quare, Daniel, no. 81, bracket timepiece, ebony,........179-87
Richard (C.A. et Cie)
carriage clock, Westminster chime.........................158-61
Sauer, Christopher, of Philadelphia, longcase clock...823
Tompion, Thomas
bracket clock, ‘Sussex’, grande sonnerie....................102
no. 315, ebony bracket clock.......................................284-5
Tompion, Thomas, and Edward Banger
no. 430, ebony bracket clock, (stolen).........................293
Williamson, Robert, of London
bracket clock, bracket top........................................596, 744
repeating mechanisms
with gathered rack, Maddock, Randle, of Leek,
walnut bracket timepiece........................................121-2
Stogden pattern
Arnold, John, watch, no. 1........................................572
Emery, Josiah, of London, watch, no. 299...............572
repeating motion maker
Emery, Jacques François.............................................352, 355, 572
Perryman, Thomas.....................................................357
research request
Abraham Fromanteel, by John A. Robey.......................574
Andrew Padbury, by S.B. de Save...............................574
Charles Gretton (letter), by Warner Meinen...............862-3
George Margerets (1748-1804), by Jonathan Betts.....863
Smiths English Clocks (letter), by Barrre R. Smith.....270-1
restoration
The Carriage Clock, A Repair and Restoration Manual,
by Laurie Penman, reviewed.....................................88
Clement, William, longcase clock..............................414
restoration, continued
Dismantling and Reassembling a Marine Chronometer,
lecture by Jim Arnfield.............................................103
hole in clock plate, method of filling.........................414
Lacquer longcase restoration, talk by David Buxton....261
Manchester, Town Hall clock....................................255-6
pivoting, demonstration.............................................851
Restoration of a Musical Clock using Novel Methods,
lecture by Jim Arnfield.............................................563-4
Restoring a longcase by Martin of Crosby,
lecture by Ed Cloutman.............................................262
seminar, 15 October 2005, Upton Hall.......................25
Tompion, Thomas, watch, no. 0367 (1367).................261
torsion clocks............................................................563
Reynard, Désirée, of Digne........................................175
Reynolds, Colin
Gent photographs, talk.............................................268
Gents of Leicester, lecture..........................................118
Rich, John (attrib), watch, gold and enamel automaton..151
Richard (C.A. et Cie)
carriage clock, Westminster ¼ striking.....................158-61
Richard of Wallingford, Abbot of St Albans

*God’s Clockmaker; Richard of Wallingford and the Invention of Time*, by John North, reviewed......401

Richards, Hugh, of London, watch case maker...........493

Richards, James, casemaker

Tobias, Morris, London, watch no. 970, rose gold.342-3

Richeieu, Cardinal..................................................163

Ridout, Martin

*AHS Website News* ..............................................703-4

*Jonghans Astro-Chron and Schatz Akkvarat*, talk ........269

lecture report .........................................................259-60, 720-1

Rieffer, Dieter, portrait ...........................................858

Rieffer, Sigmund, regulator, no. 1 .............................858

Rioli-Unter, Dr Adelheid ...........................................855

Rittenhouse, David .....................................................804

portrait .................................................................813

Rivaz, Sieur Pére Joseph de .................................646, 650

Robert, D. l’aîné, of La Chaux de Fonds?

night clock, 19th century? ........................................630

Roberts, Albert, of London, escapement maker

trade card .................................................................800

Roberts, Alexander, of Charing ..........................65, 72-3, 80, 393

bills for repairing Charing clock ..........................380

fitted mock ‘gridiron’ pendulum ..............................722

watchpaper ...............................................................73

Roberts, Derek

*English Precision Pendulum Clocks*, reviewed........550

*Precision Pendulum Clocks*, lecture .........................707

*Precision Pendulum Clocks, The Quest for Accurate
Timekeeping*, reviewed ............................................397

Roberts, Samuel, of Llanfair Caereinion......................366

Robertson, Andrew, of Dunkeld

longcase clock, mahogany, white dial ........................254

Robertson, Edward, of Dromore, longcase clock .......254

Robey, John A.

*Abraham Fromanteel*, research request ............574

book review ..........................................................398-9

Robey, John A., continued,

lecture report .........................................................411-13

Longcase pinions, letter ..........................................121

Robin, fils, of Paris, mantel regulator .......................311

Robin, of Paris, table regulator, long duration ...........146

Robinson, Francis, of London

longcase clock, walnut, month going .......................749

Robinson, Robert, of London, lantern clock .............746

Robson, William, of North Shields

bracket clock, two-train c. 1810 ............................101

*Roger Hindley*, letter by Chris Watson ..................418-19

Rogers, Isaac, of London, gold pair-cased verge watch..633

Roi, Samuel et fils, de La Chaux-de-Fonds

one-wheel clock ......................................................650

roller pallets, Pierre Le Roy, disputed ......................786

roller pallets (?), Ratcliffe, John, of Wrexham .......717

roller pinion ............................................................511, 512

rolling-ball clock, Saylerr, Johann, of Ulm ............854

rolling drum clock ..................................................854

Romeyn, Van de Plas, Brinkkemper, Cremers, and Mildema,

*Torenuurwerken, Tijd voor Iedereen*, reviewed ..........398

Romilly, Jean, one-wheel clock ................................650

Rona, of Galata, Turkey, silver verge watch, c. 1675 ....631

Rooney, David ..........................................................759

Maria and Ruth Belville:

*Competition for Greenwich Time Supply* ...............614-28

Rotherham ..............113

Rouma, of Liège, bracket clock ...................................709

Roumie, Paul, of Edinburgh......................................100

Rousseau, David, of Geneva, rock-crystal crucifix watch631

Roussel, A., of The Hague

gilt-brass and rock-crystal cased verge watch ..........631

Rouziere & Melly, of Paris/Geneva

gold pair-cased watch, 1780-1810 ............................633

Royal Geographical Society

*Explorers’ Watches*, lecture by Viscount Midleton ....710

Royal Society

and the balance spring .........................................663-4, 760-1

Copley Medal

awarded to James Cook ..........................................472

awarded to John Harrison ....................................471

awarded to Nevil Maskelyne ..................................472

exhibition, *The Excitement of Time* .........................464, 466, 756-8

minutes, by Hooke, MS. ........................................309, 464-5, 761

and sea clock trials..............................................665-6, 669-73, 677

support for John Harrison ......................................469-71

Rubesen, Peter Paul ................................................368

Ruempol, Hendrik, stoelklok .................................263, 718

Rugendas, Nikolaus, of Augsburg

verge stackfreed alarm and stand, 1610-1620 ..........631

Rugendas, Nikolaus, of Augsburg

gilt and silvered universal equinoctial dial, c. 1690-634

horizontal sun-dial and moon-dial, c. 1700 ..............634

rules and scales .....................................................413

Rushbury, Thomas, of Ludlow .................................228

Russell, coach clock, hour strike ............................310

Russell, Thomas, of London, clock case maker, trade card797

Ruston, James H., lecture report ...............................850

Rye, church clock, Octavius Morgan drawings of ....192, 643

S

St Albans

Abbey .................................................................117

Richard, Abbots of see Richard of Wallingford

St Michael’s church .............................................118

visit by Turret Clock Group ....................................117-18

St Roche Lecture, 2005

*Roxbury, Massachusetts: Eight-Day Movements
and the English Connection*, by Robert Cheney ...25-6

St Roche Lecture, 2006

*The Making of the H2 Replica*,

lecture by Malcolm Leach, advertised ....................289

Salomon Coster Medal, awarded to Dr Jan Jaap Haspel 613

Salzburg, Bishop of, watch, said to have belonged to .195-6

Sammlung Gebhardt.................................855-6

Sanderson, John, of Wigton ....................................101

Sankey’s Watch Alarm, by Dale .............................369

Saros period .........................................................57, 59, 63

Sarton

clock, two-year-going and striking with single spring116

Sauer, Christopher, of Philadelphia

*Biblia*, 1743 ..........................................................821-3

longcase clock ........................................................821-3

Savage, Malcolm

*A Morris Tobias Binnacle Timepiece*, note .........83-4

Save Our Smiths, letter by Barrie R. Smith ...............270-1

savings clocks ......................................................105

Sayer, George, of Petit Place, 1718 inventory ..........65, 390

Saylerr, Johann, of Ulm, rolling-ball clock ...............854

Scauller, Stefano, of Venice .................................252

Schatz, Akkurat tuning-fork clock ...........................269

Schautd, Philip Gottfried .......................................854

Schegx, Abraham, of Nuremberg
silver cased verge alarm watch ........................................ 632  
Schielhallion, Maskelyne’s observations at ....................... 472  
Schissler, Christopher, of Augsburg  
gilt brass dividers with sundial, dated 1558 ...................... 634  
Schlotheim, Hans, nef or ship clock ................................ 644  
Schmidt, Carol, of Augsburg  
automaton clock with figure, c. 1625 .......................... 630  
Schneip, Ulrich, of Munich  
gilt-brass horizontal compass dial, dated 1572 .............. 634  
Schoener, Christof, of Augsburg ................................. 857  
Schofield, George, of Barrow ........................................ 503  
Schouten, Chris, ............................................................. 116  
Schraven, Thomas, Pendulum Electricity Meters of  
Hermann Aron, lecture ................................................. 416-17  
Schwilgue, Jean-Baptiste, of Strasbourg, turret clock ....... 857  
Freiburg ................................................................. 854  
Strasbourg ........................................................................ 857  

Scientists, Sea-Trials and International Espionage: Who  
Really Invented the Balance-Spring Watch?, by Lisa  
Jardine ........................................................................... 663-83  
Anglo-Dutch collaborations around 1660 ....................... 664-8  
The Bruce/Huygens Pendulum Clock Trials ...................... 668-70  
The English Sea-Trials of Huygens’ Clocks ...................... 674-5  
The Holmes Trials: Fudging the Evidence ....................... 675-9  
Hooke, Sloane MS 1039 ................................................. 680-3  
More Anglo-Dutch Collaborations ............................... 670-3  
Scobie-Youngs, Keith  
Manchester Town Hall Clock, lecture ................................ 255  
Turret clock projects, lecture ........................................ 853  

Scotland  
Clockmakers and Watchmakers of Scotland,  
by Donald Whyte, reviewed ........................................ 235-6  
Scottish Clockmaking in the 18th Century,  
lecture by Dr Mich Dareau ............................................. 100-1  
Scottish Clockmakers – a Continuing Story,  
lecture by Dr Mich Dareau ............................................. 847  
Scott, Anna, of Woolston Hall ....................................... 464  
Scott, George, of Woolston Hall ..................................... 464  
seal cutter, Nelthorp, Mr .............................................. 357  
Season, Thomas, of Ludlow ......................................... 227-8  
Sebright, Sir Thomas, Beechwood, Herts ....................... 639  
Seddon, clock, 8-day, grande sonnerie ........................... 369  
Seelig, Dr Lorenz, portrait ......................................... 856  
Seignior, Robert, of London ......................................... 766  
Sermant, Jacques, of Geneva, verge watch  
gilt-brass and rock-crystal, 1635-1645 ............................. 631  
gilt-brass and rock-crystal, star form, c. 1630 ........................ 631  
silver tulip-form c. 1640 ............................................. 631  
set-up, tangent screw, watch  
Allam, William, of London, no. 1416 .......................... 341  
Sette of Odd Volumes ................................................ 695  
Sewill, Joseph, of Liverpool, trade card ............................ 795  
shagreen case  
Bartholomew, Josiah, London, watch no. 4681 ............... 194, 633  
Dupin, Paul, of London, watch, ¼-re Peat, 1730-40 ............ 633  
Hill, Benjamin, of London, verge watch, c. 1655 ....... 631  
Williamson, Robert, of London, watch, 1730-40 .............. 633  
Shakespeare, William .................................................... 368  
shielid clock (Lackchsdulhr) ........................................ 854  
Shelton, John, longcase regulator, month ....................... 287  
Shenton, Dr F. G. A. (Alan)  
Dr Alan Shenton Award, 2005, David Read .................. 407, 705  
Shenton, Ken  
AGM 2005 and Election of Members to Council .......... 244  
AGM and Convention 23-25 March 2007 ....................... 408, 559  
Chairman’s Report 2006 .................................................. 701-2  

A Fitting Memorial for John Harrison .............................. 156  
The Index to Volume Twenty-Eight ............................... 559  
Sherrald, Frank .......................................................... 24  
Sherwood, William, of London, watch case maker .......... 492  
shield, city punch mark, Strasbourg ................................ 38  
ships’ bells ................................................................. 83, 84  
Shirley, Evelyn, of Latington Park ................................. 641  
shock box ..................................................................... 269  
sidereal time indication  
Daniels, George, Space Traveller’s Watch, 1983 ........................... 466-7  
Sills, John, of Wychling .............................................. 393  
silver mounts  
Fromanteel, Ahasuerus, II, bracket clock ..................... 135  
Graham, George, bracket clock .................................... 22  
Silvester, John, of Hereford ......................................... 229  
Silvey, Graham, G. Campbell and A. McQuater  
Torsion Pendulum Clocks, lecture ................................. 562-3  
Simons, G., of Breda / Jean Pierre Huaud, of Geneva  
gold and painted enamel cased verge watch ................... 632  
Simpson, Thomas, of Hereford ..................................... 101  
singing bird automaton .................................................. 449  
Sir Thomas Wendy’s Lantern Clock, Thornton, W. J.  
28-36 skeleton clock, Continental, calendar dial ............. 18  
Skymaster ‘Ghost’ pigeon timer ..................................... 564  
Sladden, S. and L.E., of Canterbury .............................. 390  
slave clock, Barwise/Huddleston regulator ..................... 287  
Sleighthome, John, of Sleaford  
longcase clock, walnut, (stolen) .................................... 9  
Sloane, Sir Hans .......................................................... 471  
Syper, J.E., of London, diamond cutter, trade card .......... 799  
Smeaton, John, FRS, observatory, clock from .............. 369  
Smith, Barnaby, lecture report ...................................... 107-8  
Smith, Barrie R., Save Our Smiths, letter ..................... 270-1  
Smith, Gabriel, of Nantwich, turret clock, Nantwich ....... 412  
Smith, John, and Sons, of Derby ................................... 393  
turret clock  
Charing (Kent) .......................................................... 387-9  
ledger entries re ........................................................ 386  
St Albans, St Michael’s church ....................................... 118  
Smith, John, Horological Dialogues ............................. 806  
Smith, John, of Pittenweem (Fife) ................................. 236  
Smith, Prof. Alan  
book review ................................................................. 552-4  
Domestic Clocks in Manchester Town Hall, lecture ......... 411  
Smith, Robert, FRS ..................................................... 469, 470  
Smith, Roger ............................................................... 24  

Some mid-eighteenth century craftsmen:  
Gray & Valliandy oueworkers and suppliers .................. 348-58  
Smith, Samuel, of Coventry  
watch, five tooth vertical rack lever escapement .......... 261  
Smiths English Clocks .................................................. 260  
dial clock, Selectric, rotating dial ................................. 412-13  
Save Our Smiths, letter ................................................. 270-1  
Smorthwait, John, of Colchester, lantern clock .............. 42-3  
Smythes, of London  
month mahogany longcase regulator, Halifax moon588-9  
Snow, Martin, of Wells, lantern clock ......................... 643-4  
Snoew, Nicholas, of Salisbury  
wall clock, 1638, with foliot ........................................ 685  
Sobel, Dava, Harrison and Adversity, address ............... 462-3  
Society of Antiquaries of London  
Morgan, Octavius, involvement in ......................... 189, 562  
Octavius Morgan and the Society of Antiquaries,  
lecture by David Thompson ........................................ 562  
Society of Ornamental Turners ........................................ 838
Stoner, David C., and Wendy Barr  
*An Entertainment of Horological Readings and Poetry*  
260

stool clock (stoelklok), Ruempol, Hendrik  
263, 718

stop watch, *see also* chronograph
anonymous, London

gilt-brass cased, double-dialed, centre-seconds verge clock-watch with calendar dials and stop lever  
633

six-second dial  
254

stop work, Maltese cross  
159

Strasbourg

Cathedral clock, book by Dasypodius, 1578  
807

city punch mark  
38

Stretch, Samuel, of Leek  
122

Strickland, William, of Tenterden  
80-1

strike/silent

Carter, William, of Kingston, longcase clock  
3

Elliot, John (jnr), of London, longcase clock, in arch  
20

Graham, George, bracket clock, ebony, ¼ repeat  
22

Jefferys, John, of London, bracket clock, ebouisé  
861-2

striking, countwheel

Campani, Pietro Tommaso, of Rome, night clock  
250

Harrion, John, Brocklesby Park clock  
497, 498

Harrion, John, longcase clock  
486

Japanese hashira dokei clock  
203

Japanese makura clock  
202

Knifton, Thomas, of London, lantern clock  
29

Russel, clock-watch  
310

table clock, mid 16th century  
834-5

turret clock, Charing (Kent)  
376

turret clock, Digne-les-Bains  
173, 177

turret clock, Kingswood and Wickwar  
719

Westminster, Great Clock  
690

striking, double-six

Knibb, Joseph, bracket clock, grande sonnerie  
136-7

striking, Dutch

Fromanteel, longcase clock  
412

Knibb, Joseph, of London, bracket clock, ebony  
5

Quare, Daniel, longcase clock, marquetry, month  
737

Tompion, Thomas

pre-number ebony bracket clock, (stolen)  
292

striking, grande sonnerie

Campani, Pietro Tommaso, of Rome, night clock  
248-50

Delander, Daniel, bracket clock, ebony, (stolen)  
294

Elliot, of London, bracket clock, ebouisé  
609

Fromanteel, Ahassuerus, and Edward East, table clock 100

Haug, Samuel, of Augsburg, table clock 560-1, 629

Knibb, Joseph, bracket clock, double-six striking  
136-7

Seddon  
369

Tompion, Thomas, and Edward Banger, bracket clock  
108

striking levers, Harrion, John, longcase clock  
487

striking, mechanism in weight  
202-3

striking, petite sonnerie

anonymous, carriage clock  
254

Rau, J., of Vienna, bracket clock, 3-train verge  
102

striking, quarter, *see also* chiming, quarter

Drury, Francis, of London, carriage clock  
254

Elliot, John, junior, of London

bracelet clock, red lacquer  
154

Graham, George, of London

bracelet clock, mahogany, alarm  
12, 142

Lister, Thomas, of Halifax, bracket clock  
686

mantel clock, Continental  
13

striking, quarter, *continued*

Payne & Co., of London, carriage clock  
2

Wise, John, of London, wall clock, walnut  
432
striking, Roman
Knibb, Joseph, longcase clock, ebonised…………………108
strut clock, Cole, Thomas, of London…………………586
Stubs, Peter, of Warrington, export to America ………25-6
Study Tours, Knight, Susan……………………………704, 845
Sturminster Newton, water mill, visit …………………104
Sully, Henry ……………………………………………………648
Sultan, Ernest J., of London, box maker, trade card ………798
Sun pointing arrow, lecture, J. Pool & K. Grimbergen 263-4
sundial
mottoes ……………………………………………………395
subject of Northern Section meeting ……………………710
watch with, Bockelts, Jan Janssen (Elder), of Aachen380
sundial, books reviewed
Cowham, Mike (Ed.), Sundials of the British Isles 236-7
Lennox-Boyd, Sir Mark,
Sundials: History, Art, People, Science …………552-4
sundial, maker
Adams, George, of London, horizontal…………………578
anonymous, Germany ?, gilt-brass pillar dial and terrestrial sphere……………634
anonymous, Japan ?, copper sundial and compass……………635
Arsenius, Walter, of Louven
brass astronomical ring dial, c. 1570…………………635
Barrett, William, of Ashford……………………………394
Bergauer, Michael, of Innsbruck
mechanical universal equinoctial, c. 1670 ……………635
Bloud (workshop), of Dieppe, ivory diptych, c. 1670/34
Butterfield, Michael, of Paris
silver adjustable horizontal, c. 1700…………………634
silver universal ring, 1700……………………………635
Dancer, J., portable equatorial ………………………710
Grassl, Lorenz, of Augsburg
brass universal equinoctial, c. 1770…………………634
Greenhill, John, of Ashford……………………………394
Hager, M., of Arnstadt
brass horizontal and analemmatic, c. 1600 …………634
Karner, Conrad, of Nuremberg, diptych …………50
Landeck, Johann Melchior, of Nuremberg
gilt-brass pedometer and sundial, 18th century ………635
Lemaire, Pierre, of Paris
silver adjustable horizontal, c. 1750…………………634
Lesel, Michael, of Nuremberg
ivory diptych, dated 1609……………………………634
Müller, Ludwig Theodor, of Augsburg,
gilt and silvered universal equinoctial, c. 1760 ………634
Peffenhauser, Philipp, of Augsburg, gilt brass and silver
universal double-crescent altitude, dated 1719 ………634
Plato, Carlo (attrib.), of Rome
gilt-brass, portable horizontal, 1585…………………634
Reinmann, Paul, of Nuremberg
ivory diptych, 1598…………………………………………48, 49
ivory diptych, 1607…………………………………………634
ivory diptych, book, 1607……………………………48
ivory diptych, oval, 1588……………………………47
polyhedral, ivory and boxwood, dated 1597 …………634
sundial, maker, continued,
Rugendas, Nikolaus, of Augsburg
gilt & silvered brass universal equinoctial, c. 1690/34
2 silver and silver horizontal sun-dial and
moon-dial, c. 1700……………………………………634
Schissler, Christopher, of Augsburg
pair of gilt brass dividers with sundial, dated 1558/34
Schniep, Ulrich, of Munich
gilt-brass horizontal compass dial, dated 1572 ………634
Schrettegger, portable……………………………………710
Troschel, Hans, of Nuremberg
ivory diptych, dated 1607……………………………634
ivory diptych, dated 1623……………………………634
Tucher, Hans, of Nuremberg
ivory diptych, book, 1583……………………………47
ivory diptych, c. 1580…………………………………634
Tuttell, Thomas, of London
brass horizontal and analemmatic, c. 1700 …………634
Vogler, Andreas, of Augsburg
 gilt-brass and silver universal equinoctial, c. 1780/34
2 gilt brass and silver universal equinoctial, c. 1785/34
Willebrand, Johann, of Augsburg
 gilt-brass and silver universal equinoctial, c. 1725/34
sundial, place
Bethersden…………………………………………………394
Charing (Kent), St Peter and St Paul …………394-5
Wimborne Minster ………………………………………104
Wye …………………………………………………………394
sundial type, analemmatic
Tuttell, Thomas, of London, brass, horizontal and
analemmatic, c. 1700………………………………634
sundial type, chalice scaphè
anonymous, Germany, gilt-brass…………………634
sundial type, diptych
ivory………………………………………………………46-50
Nuremberg manufacture ………………………………46-50
paper-covered wood …………………………………..48
sundial type, diptych, made by
anonymous, Germany, brass…………………634
anonymous, with flower decoration …………50
Bloud (workshop), of Dieppe, ivory, c. 1670 ………634
Karner, Conrad, of Nuremberg …………50
Lesel, Michael, of Nuremberg, ivory, dated 1609 ………634
Reinmann, Paul, of Nuremberg
1598………………………………………………………48, 49
book, 1607…………………………………………………48
ivory, 1607…………………………………………………634
ovale, 1588…………………………………………………47
Troschel, Hans, of Nuremberg
ivory, dated 1607…………………………………………634
ivory, dated 1623…………………………………………634
Tucher, Hans, of Nuremberg
book, 1583…………………………………………………47
ivory, c. 1580…………………………………………………634
sundial type, equinoctial, painted on clock dial ………335-7
sundial type, horizontal brass
Adams, George, of London……………………………578
anonymous, Germany, gilt-brass, portable …………634
Lemaire, Pierre, of Paris, silver adjustable, c. 1750…634
sundial type, horizontal, continued,
Plato, Carlo (attrib.), of Rome, portable, 1585 ………634
Rugendas, Nikolaus, of Augsburg
 gilt brass and silver, with moon-dial, c. 1700 ………634
sundial type, horizontal and analemmatic
Tuttell, Thomas, of London, brass, c. 1700 …………634
sundial type, horizontal compass
anonymous, Germany, silver…………………634
anonymous, Italy, boxwood……………………………635
anonymous, Japan ?, copper ……………………635
Schniep, Ulrich, of Munich, gilt-brass, dated 1572 ………634
sundial type, horizontal, depicted on watch case ………549
sundial type, polyhedral
Reinmann, Paul, of Nuremberg,
ivory and boxwood, dated 1597 …………634
sundial type, portable
A Dial in your Poke, lecture by Mike Cowham ………257
diptych..............................................................46-50
from Mary Rose ..................................................45-6
Portable Sundial making in Nuremberg, 
by Mike Cowham ..............................................45-50
wooden case for ..............................................45, 46
sundial type, portable, made by 
anonymous, Germany, gilt-brass .........................634
anonymous, Germany or Italy, brass .................634
Dancer, J., equatorial .........................................710
Schretteg (sic).....................................................710
sundial type, ring, anonymous, England, brass ..........635
sundial type, universal altitude
Peffenhauser, Philipp, of Augsburg, gilt brass and silver 
double-crescent, dated 1719...............................634
sundial type, universal crescent
anonymous, South Germany, gilt-brass and silver ......635
sundial type, universal equinoctial 
anonymous, Augsburg, brass ................................634
anonymous, Germany, brass.................................634
Bergauer, Michael, of Innsbruck, mechanical, c. 1670/635
Grassl, Lorenz, of Augsburg, brass, c. 1770..............634
Müller, Ludwig Theodor, of Augsburg 
gilt and silvered brass, c. 1760............................634
Rugendas, Nikolaus, of Augsburg 
gilt and silvered brass, c. 1690.............................634
Vogler, Andreas, of Augsburg 
gilt-brass and silver, c. 1780...............................634
gilt brass and silver, c. 1785.................................634
Willebrand, Johann, of Augsburg 
gilt-brass and silver, c. 1725...............................634
sundial type, universal ring
anonymous, England, brass..................................635
anonymous, Germany, brass.................................635
anonymous, gilt copper.........................................635
Butterfield, Michael, of Paris, silver, 1700..............635
sunset alarm.....................................................814-15
surveying set
anonymous, Bavaria.............................................635
Habermel, Erasmus (?) (Germany), brass, c. 1590........635
survival, Charing (Kent) clocks.............................75
suspension, knife-edge
five-second pendulum.......................................857
Le Roy, Pierre....................................................654
Sutton, Henry, of London
printed paper quadrant on brass, dated 1658..........634
Swobodova, Miroslav.............................................106
Sweden, assay marks.........................................334
Swedish Forgeries, by Jan Kraminer ....................330-4
Swift, Jason, An early Synchronome slave, talk........268
Swift, Jonathan...................................................368
Syder, A., and J. Platt
The Lancashire Watch Company, lecture.................564
symbols, masonic...............................................365-6
Synchronome
Dykes Brother, Glasgow, quiet mantel clock ..........268
syzygy..........................................................56, 59, 60
SZ (maker’s mark) (Germany)
horizontal table clock, c. 1560............................629
T
tabernacle clock, 1648, Weydman, Lucas, of Krakow....560
table clock
anonymous, China..............................................630
anonymous, Japan.............................................630
Continental, c. 1690.............................................415
du Chesne, Johannes, of Amsterdam.....................717, 718
French, on three lion feet, (stolen).......................302
German, with knight in armour, (stolen)...............302
Grinkin, Robert, of London .....................................561
Halleicher, Johann Otto, of Augsburg
grYPhon automaton, c. 1640 ?...............................629
Wright, Thomas, of London, and Matthew Boulton, 
of Birmingham, 1/4 chiming.................................21
table clock, horizontal
anonymous, Augsburg..........................................629
anonymous, Germany.........................................629, 644
French, planispheric astrolabe ..............................560
Friedel, I.G., of Budissin (Bautzen), square, alarm....641
Fürstenfelder, Benedikt, of Friedberg
rotating figure indication.....................................854-5
Geiger, Johann Friedrich, of Bad Langensalza
alarm, c. 1690 (movement)..................................629
Gultub, Hans, of Strasbourg
with automaton, c. 1600.....................................629
Table Clock with Alarm,
Hans Gultubh, Strasbourg, c. 1590.........................37-9
Haug, Samuel, of Augsburg
c. 1630 grande sonnerie....................................560-1, 629, 636
IG (maker’s mark) (Germany), c. 1630..................629
NL (maker’s mark) (Germany), alarm, dated 1549......629
Reinhold, Janus Hans.............................................717
Reinhold, Johann, of Augsburg, astronomical.........854-5
square with Orpheus panels.................................214, 560, 629
SZ (maker’s mark) (Germany), c. 1560...................629
three-train, mid C16.............................................831-5
Vallin, Nicholas, astronomical.............................100
Zech, Jacob, of Prague...........................................560
table clock, vertical
anonymous, Augsburg, miniature..........................630
anonymous, France.............................................630
anonymous, Germany.........................................630, 637
Augsburg masterpiece clock..................................560
Burgundian, mid 15th century................................630
Couldray, of Blois, c. 1540....................................630
François, Lois, of Paris..........................................561
Haug, Samuel, of Augsburg
c. 1625 ..........................................................630, 637
hexagonal, shown in tapestry c. 1615...............153, 162-3
Lanz, Nikolaus (?), of Innsbruck, c. 1560..............630
MM (Michael Müller), of Augsburg, 1575-1660........630
Newsum, Bartholomew, of London
square, c. 1580......................................................196, 199, 200-1, 561, 630
Yllmer, Andreas, of Innsbruck, astronomical, 1559...248
Tait, Hugh..........................................................456
Catalogue of Watches in the British Museum –
Volume I, The Stackfreed.....................................27
obituary.........................................................26-7
tapestry, L’Histoire d’Arthémise, c. 1615, 
showing hexagonal table clock.............................133, 162-3
Tardy (Lengelle), commissioned Le Roy ‘portrait’ ..........861
Tarvit, Hill of, visit by Scottish Section..................709-10
Tassaert, Philippe Joseph, mezzotint of Harrison .......541-2
Tassie, James, medallion portrait of Harrison ..........539-40
tavern clock
Bennet, John, of London, lacquered case...............450
Flint, William, of Ashford (sen), lacquer case.........82
Perrett, A.L., of London........................................263
Vulliamy, Justin, of London, lacquer case..............597
Taylor & Co, Loughborough
bells, Manchester, Town Hall................................255
Taylor, Henry Cleaver, of London, watch case maker........494
Taylor, Dr John C. ..................................................408, 758
Craftsmanship and innovation in London Clockmaking 1600-1700, lecture ..........99-100
Exhibition at The Royal Society, The Excitation of Time ..................................464, 466
George Graham’s Watch no. 696..............................................545-9
Harrison’s Early Wooden Clocks, lecture ................................461
Harrison’s Grasshopper Escapement ........................................513-21
portrait ..........................................................461
Sussor Tompion, lecture ..................................................102
Taylor, Dr John C., and Sir Arnold Wolfendale The Excitation of Time, book........593
Taylor, John, musical clock ..............................................718
Taylor, of London
Gilt-brass and painted enamel pair cased watch, ?..................634
T&C, case maker’s mark, watch, Jeffrey’s (Harrision’s)..................490-2
Tea-making alarm clocks ..................................................712
Teague, Henry, of London ..................................................494
Telavox, escapement ..........................................................269
Teller,hr, anonymous, German.........................................630
Temperature compensation, see compensation, temperature
Tennant, Leonard, of London, turret clock ..........................27
Tenterden, Kent
Churchwardens’ accounts .................................................81
Wraight and Woolley, history of .................................80-1
Terraillon, Lucien, of Morez ..............................................176
Testa, of Nantes, lantern clock ............................................263
Thiout, l’ainé, escapement ..................................................649
Thompson, David ..........................................................337
Jan Janssen Bockelts the Younger, ‘Paritian’ Style Watch with Centre Seconds, Haarlem, c. 1630, note..............................827-30
lecture report .................................................98-9, 246-7, 408-9, 705-6
Obituary of Hugh Tait (1927-2005) ...........................................26-7
Octavius Morgan and the Society of Antiquaries, lecture ..........................562
Octavius Morgan, Horological Collector
Part VI .....................................................................189-216
Part VII ...................................................................629-44
portrait ..........................................................561
Thomas Martin, Royal Exchange, 1778 ..................................344-7
Watches 1675-1753, lecture ..................................................365
For your further reading ..................................................423, 576-7
Thompson, Francis, of London, trade card ..............................733, 790-2
Thompson, Henry, of London ..............................................494
Thorurn, clock, with figure of Amour, 1798 ................................759
Thomson, Gears, visit by Midlands Section ..............................710-11
Thornton, W. John
lecture report ..........................................................565-7
Leicesterhire Clocks + The Deacon Workshop, review ..........................89
Sir Thomas Wendy’s Lantern Clock ..........................................28-36
Thornton, William, apprentice to Henry Hindley ......................169
Three Dials, editorial ......................................................315
Thuret, Isaac, of Paris
Development of balance spring ...........................................663
Huygen’s pirouette ..........................................................763
Regulator ..............................................................116
Thwaites and Reed
Turret clock
Epping, St John’s church ..................................................718
Rodborough church ......................................................720
Turret clock catalogue ...................................................713
Thwaites, Aynsworth, turret clock
Epping Upland, All Saints church .......................................718
Horse Guards? .......................................................270
Thwaites, John & Co., turret clock, Horse Guards? ......................270
Tidal dial
Beyer, William, of London, longcase clock .................................747
Tidal Clocks, lecture by Dr John Amson ................................846-7
Time and Place: English Country Clocks, see exhibition
time recorder, collection ..................................................885
time services
Accuracy and availability ...............................................618-22
Belville family ................................................................614-27
cost and trust ..........................................................622-4
GPO ...........................................................................619-20, 622-3, 624
Radio .............................................................................619, 622
Standard Time Company .................................................620-1, 623, 624
time, solar, longcase movement running to ................................105
timekeeper, marine, see also chronometer, marine;
....................................................................................Harrision, John, monstre marine
Berthoud, Ferdinand .....................................................780-1
Kendall, Larcum ..........................................................523-4, 527, 529
Le Roy, Pierre ..................................................................775-81
timepiece
Cole, Thomas, in form of mortar, no. 1600 ..............................738
Griffiths, 8-day ................................................................369
Hartley, of York ................................................................369
Hocker, John, miniature alarm lantern ..................................286
Hodges, Nathaniel, of London miniature ¼ repeat ..................876
Quare, Daniel
No. 81, ebony, bracket, pull repeat ....................................179-87
Traveling alarm ..........................................................196-8, 630
Vulliamy, of London
No. 981, rosewood library alarm, (stolen) .........................301
Timer, Military Timers, lecture by Mark Whyler ...................368-9
Timing Turret Clocks, lecture by Chris McKay ......................267
Timnelly, C., of Aix
Silver and gilt crucifix form verge watch, 1640-1645631
Tippen, of Charing, pedigree .............................................78
Tippen, William, of Charing .............................................65, 73-4, 78, 80, 383-5, 393
clock, Forestville 30-hour .............................................74
contract for work on Charing clock .....................................383-4
watch, no. 2781 ..........................................................73
Tittley, Peter, of Penloyn ..................................................359
cocat of arms ..........................................................361
Tobias, Morris, of London
Binnacle timepiece
No. 123, 2-day ................................................................84
No. 283, 2-day ................................................................83-4
A Morris Tobias Binnacle Timepiece, notes, by Malcolm Savage ..........................................................83-4
Watch, no. 970, rose gold pair case .................................342-3
tomography, linear ..........................................................326
Tompion Medal, awarded to George Daniels .........................466
Tompion, Thomas
Alarm clock, blued steel case, pull repeat ..........................108
Balance spring developments ...........................................763-6
Bracket clock
No. 258, pull-repeat ................................................................412
No. 276, ebony pull-repeat .............................................595
No. 315, ebony ¼ repeat ..................................................284-5
Pre-number ebony Dutch striking, (stolen) .........................292
Repeating, small ..........................................................108
‘Sussex’, grande sonnerie, ¼ repeat ......................................102
clock-watch, gold pair case, champlév dial .........................287
Longcase clock ..........................................................412
Astrolabic dial, month ..................................................108
Dial ..............................................................108
Drayton, year-going .....................................................108
No. 114, walnut ............................................................10
Walnut marquetry and pewter .............................................280
Thomas Tompion at the Dial and Three Crowns
monograph, by Jeremy Evans
advertised ................................... 92, 239, 402, 544, 684, 837
reviewed ................................... 554-5

Tompion, Thomas, and Edward Banger
bracket clock
grand sonnerie ................................ 108
no. 430, ebony ½ repeating, (stolen) .......... 293
tools, see also wheel cutting engine
anchor wheel tooth bevelling machine ........ 751
dividing plate with drilling attachment .... 254
Ingold Fraise ................................ 259
topping tool ................................ 259
on trade card c. 1750 ......................... 733, 790-2

Torsens, Professor David S. .................. 99, 709
torsion pendulum clock
Cran, Aaron Dodd ................................ 312
Guimet escapement mystery clock ........... 20, 278, 594, 871

Torsion Pendulum Clocks, lecture by Graham Silvey, Gregor Campbell, and Archie McQuater ...... 562-3
touch-pins, see dial, touch pins
tourbillon
Breguet et fils, no. 2723, movement and dial .... 19
Nicole Nielsen, lever watch ................ 287
Patek Philippe, gold minute repeating wristwatch .... 605

Towneley, Richard .......................... 764
Townsend, William, of London ................ 491
Tracy, Stephen, of Rotterdam ................ 644
Tracy, Stephen of Rotterdam / Jean Pierre Huau of Geneva, painted enamel cased verge watch ............ 632

trade card, see also ephemera
Bovy, J-E. Antony, of La Chaux-de-Fonds ........... 796-7
Brooks, Samuel, of London, watch jeweller ....... 799
Clémence Frères, London and La Chaux-de-Fonds .... 795-6
Dobson, William, of Downham, bell founder .... 800-1
Harris, Joseph ................................ 105
Hinton, of London, enameller .................. 802
Hougrave, Ellis, of London, watch cap maker .... 801
Jeacock, William, of London, engraver ........... 796-9
Jones, Alfred, of London, clock case maker .... 797-8
Levi, Lewis, of London ......................... 792-3
Macpherson, Normand, of Edinburgh ........ 790, 792
Parkinson & Frosham, of London .............. 794-5
Patek, Philippe & Co. ......................... 796
Platt, R., of London, engine turner .............. 798
Randolph, Benjamin, of Philadelphia, cabinet maker .... 805
Roberts, Albert, of London, escapement maker .... 800
Russell, Thomas, of London, clock case maker .... 797
Sewill, Joseph, of Liverpool ................... 795
Sliper, J.E., of London, diamond cutter .......... 799
Sultan, Ernest J., of London, box maker ....... 798
Thompson, Francis, of London .................. 733, 790-2
Valance, T., of London, watch stand maker .... 801
Webb, Frederick and Walter, of London, watch case makers .................. 798
Whitrow, John Alfred, of London ............... 793
travelling clock, Paulet, of London, silver ...... 642
travelling timepiece
Quaire, Daniel, of London, alarm, c. 1690 .... 196-8, 630
Tregent, James, of London, mahogany lyre clock ........ 450
Treherne, A. A. (Alan), Liverpool Watches, lecture .... 850-1
Tremont Watch Company, of London .............. 113
Trento, exhibition, La Misura del Tempo, visit ........ 247-53
Trinity College Cambridge
Hooke MSS on longitude timekeeper ........... 764-70
Trinity 4 ff. A-L transcribed ..................... 771-4
tripod clock, month, by Thomas Cole, signed Thomas Boxell, Brighton .................. 282
Trostchel, Hans, of Nuremberg
punchmark ................................... 49
sundial, ivory diptych
dated 1607 ..................................... 634
dated 1623 ..................................... 634
Trotter, H. (worked on Charing clock in 1932) .... 393
Troughton, pendulum ............................ 369
true bracket clock, Chater & Sons, of London .... 601
Tremeur, Mr, watch finisher ..................... 357
Tucher, Hans, of Nuremberg
punchmark ................................... 49
sundial, ivory diptych
book, 1583 ..................................... 46, 47
c. 1580 ......................................... 634
Tucher, Hans, (XI) of Nuremberg ............... 45
Tuck, Paul, Valley’s Workmen, letter ............ 571-2
Tue, Thomas, of King’s Lynn .................. 568
tune barrel, see also carillon
East Hendred church ......................... 230
Iwerne Minster .............................. 104
Ludlow, St Laurence’s church .................. 227-34
Southwell Minster clock, wooden ............... 103
tuning-fork clock ................................ 269
Schatz Akkurat .............................. 269
Tunn, James, of London
longcase clock, walnut, month, day of week in arch .... 147
Turner, Anthony, Clocks in the church of St Jerome at Digne-les-Bains, 1414-1985 .... 170-8
turntable base, bracket clock
Knottesford, William, of London, olivewood .... 447
Matchett, John, of London, ebony ............... 454
turret clock
cast iron towers for ......................... 713
chair frame ................................... 718
The Church Clocks of Charing, Kent, by Chris H.K. Williams .................. 371-96
‘Commercial’ Turret Clocks, lecture by Mike Bundock .................. 267
James W. Benson of Ludgate Hill Turret Clock Makers, by Mike Bundock and Chris McKay, reviewed ...... 696
John Moore and Sons of Clerkenwell Turret Clock Makers, by Chris McKay, reviewed .................. 696
The Need for a Turret Clock Database, lecture by Mike Bundock .................. 267
secular versus church ......................... 371
Timing Turret Clocks, lecture by Chris McKay .................. 267
Turmuhenmuseum, Mindelheim ............... 857-8
Turret clocks: time for everyone
book, Torenuurwerken, Tijd voor Iedereen, by Romeyn et al, reviewed ........... 398
exhibition ..................................... 316-17
turret clock, maker
Bacon, of Dover .............................. 714
Barrett of Ashford ............................ 372-3
turret clock, maker, continued
Benson, of London ......................... 718
Bradley, Langley .............................. 849-50
Burden, of Salisbury ................................................................. 266
Clément, Léon, & Bourgeois, of Morez ........................ 175-6
Dent, E. J. ........................................................................ 690-1
Ferrero, Eugène, of Digne .................................................... 176-7
Gillett.................................................................................. 718
Gillett and Bland................................................................. 255-6, 720
Godman, of St Albans ......................................................... 117
Guirandy, Jean, and Joseph Labre, of Digne ................. 171-3
Handley and Moore ................................................................ 578
Harrison, John (and James?) .... 116-17, 245-6, 496-512, 706-7, 850
Jones, of Stroud ................................................................. 718
Joyce, J. B., of Whitchurch ................................................ 103, 720, 724
Léon Clément & Bourgeois, of Morez ..................... 178
Lepautre, Henry, Paris ....................................................... 176-7
Lightfoot, Peter, (attributed) ........................................... 190
Monk, William, of Berwick St John ............................. 104
Moore, John and Sons, of Clerkenwell 104, 389-90, 718, 720
Peupin, Marin ................................................................... 661-2
Potts .................................................................................... 415
Schvilgue, Jean-Baptiste, of Strasbourg ...................... 854, 857
Smith, Gabriel, of Nantwich ............................................ 412
Smith, John, and Sons, of Derby ............................. 118, 386-9
Tennant, Leonard, of London ....................................... 27
Thwaites and Reed ........................................................... 718, 720
Thwaites, Aynsworth ....................................................... 270, 718
Vulliamy, Benjamin, and Charles Frodsham .......... 254
Weight, Henry .................................................................... 256
Wenham, John, of East Dereham ............................. 724
Woodruff ......................................................................... 714
turret clock, place
Auxerre ............................................................................. 174
Bourges, cathedral ........................................................... 172
Brocklesby Park .... 116-17, 245-6, 496-512, 706-7, 850
Cassiopibury Park ............................................................. 375
Charing (Kent) ................................................................. 371-96
Calehill House ............................................................... 389-90
Clockhouse .................................................................. 389, 391
Pett Place .................................................................. 389-90
St Peter and St Paul ......................................................... 371-89, 392-3, 396
Château-Arnaud ................................................................ 177
Cheltenham, Christ Church ............................................ 256
Chingford, church of SS Peter and Paul .................... 718
Dereham, St Nicholas church .................................... 724
Didmarton church .......................................................... 718
Digne-les-Bains .............................................................. 170-8
Dover Castle, discussed by Octavius Morgan ....... 189-90
Dover Castle (MPBW store, from Purfleet) ............ 270
Dover docks ................................................................ 714
Dunkirk Mill ................................................................ 720
Epping, St John’s church ................................................. 718
Epping Upland, All Saints church ......................... 718
Freiburg ........................................................................... 854
Fullfield, Eastwood Park .............................................. 718
Glastonbury Abbey (supposed) .................................... 190
turret clock, place, continued, Greenwich, East, Christ Church ........................................ 752
Gressenhall .................................................................... 724
Horsley church ................................................................. 720
Iwerne Minster ............................................................... 104
Kingswood church .......................................................... 719-20
Kingswood Congregational church ......................... 720
Leonard Stanley church ................................................... 720
Little Chart ..................................................................... 389-90
London ..............................................................................
Horse Guards ................................................................ 270
St Paul’s Cathedral .......................................................... 849-50
Westminster, Great Clock ................................................. 690-1
Ludlow, St Laurence’s church ......................................... 227-34
Lymansh (near Birmingham) ........................................ 639
Manchester
Collegiate Church ............................................................ 164
St John’s church ............................................................. 164
Town Hall ......................................................................... 255-6
Milton Abbey ................................................................. 104
Murthy Castle, Pershire .................................................. 254
Nympsfield church .......................................................... 720
Old Harlow, St John’s church ......................................... 718
Port Regis Preparatory School, Dorset ................. 104, 266
Purfleet Ranges ............................................................... 270
Rodborough church ......................................................... 720
Rouen .............................................................................. 174
Rye church ................................................................. 189
Octavius Morgan drawings ............................................ 192, 643
St Albans, Abbey .............................................................. 117
St Albans, St Michael’s church ..................................... 118
Sheering, St Mary’s church ............................................ 718
Sheppenhall Hall, Cheshire ........................................... 412
Southwell Minster ........................................................... 103
Stalbridge ................................................................. 266
Strasbourg Cathedral ...................................................... 857
in 1578, book ......................................................................
Stour, Blackboys School ................................................. 720
Strowd, Simms Clock Tower ................................ .......... 720
Tetbury, Town Hall .......................................................... 718
Tytherington church ......................................................... 718
Versailles, Great Palace ................................................... 661-2
Waltham Abbey ............................................................... 718
Wells Cathedral
discussed by Octavius Morgan .................................... 190-4, 643
‘tournament’ drawn by Henry Palfrey .................. 193, 643
West Tofts, Norfolk .......................................................... 724
Wickwar, Town Hall ......................................................... 718, 719
Wilby, Norfolk, All Saints church ......................... 724
Wimborne Minster ........................................................... 104
Woodchester church ........................................................ 720
Tutell, Thomas, of London
brass horizontal and analematic dial, c. 1700........... 634
Tyler, E. J. (John)
book review ........................................................................ 235, 398
For your further reading ........................................... 273, 575, 725, 865
Tyrer, Thomas, of London, watch, no. 118, duplex........... 658

U
Uff, Diana ......................................................................... 460
A Reflection on John Harrison in the Context of the
Abbey, address ................................................................ 461-2
An Unknown Alexander Bain Electric Clock?,
ote, by Arthur Mitchell .................................................. 85-7
Upjohn, Francis, of London, watch, duplex ............... 659
Upton Hall (BIH headquarters)
visit by East Anglian Section ........................................ 712
visit by Midlands Section .............................................. 102
Upton House, visit by Midlands Section ................. 102
Urania, personified .......................................................... 337
Usher and Cole, of London, watch ............................ 710

V
Vallance, T., of London, watch stand maker, trade card ........................................... 801
Vallier, Jean, of Lyon
clock-watch, silver, alarm and calendar .................................. 208-10, 631
Vallin, Nicholas, table clock, horizontal, astronomical .................................. 100
Van Horne, John C. ................................................................................................. 807
The Vaughans of Pontypool, lecture by William Linnard .................................. 109
Vaughan, David, of Philadelphia ........................................................................ 821
Vaughan, Dr Denys
contributor to Precision Pendulum Clocks .......................................................... 397
Venus, transit of
The Transit of Venus, lecture by Matthew Read ........................................... 414-15
Vernon, Thomas, of Ludlow .............................................................................. 230-1, 233
Versailles Watch Co. ............................................................................................ 699
Vick, Richard, of London, watch, silver pair case, verge .................................... 101
Viennese Clocks, lecture by Paul Archard ............................................................ 714
Viet, Paul, of Blois
gold and painted enamel cased verge watch .............................................. 632
Vogler, Andreas, of Augsburg, universal equinoctial dial ................................... 48, 49
voltelle, lunar dial time conversion .................................................................. 48, 49
Reinmann, Paul, of Nuremberg ........................................................................ 1588
.................................................................................................................................. 1607
Voore, Tim, Stereo photography, talk .................................................................. 269
Vouet, Simon, The Muses Urania and Calliope ..................................................... 337
Voyce, John, of Dean, longcase clock, elm, single hand .................................... 446
Vulliamy, Benjamin, and Charles Frosham
turret clock, Murthly Castle, Perthshire ............................................................. 254
Vulliamy, Benjamin Lewis .................................................................................. 189, 270
bracket alarm timepiece, no. 981, rosewood, (stolen) ........................................ 301
wall clock, no. 1612 ............................................................................................... 735
Vulliamy, Benjamin, mantel clock	no. 240, marble, porcelain and ormolu, (stolen) .............................................. 299
no. 410, marble, porcelain and ormolu, (stolen) .................................................. 300
Vulliamy, François Justin, see Vulliamy, Justin, of London
Vulliamy, Justin, of London
bracket clock, striking, enamelled dials .............................................................. 435, 735
day-books, watch ................................................................................................. 348-58
longcase clock, mahogany, architectural ................................................................ 735
Some mid-eighteenth century craftsmen: Gray &
Vulliamy outworkers and suppliers, by Roger Smith ........................................... 348-58

W

Waddington, Trevor
English table clocks 1650-1900, lecture ......................................................... 262
lecture report ......................................................................................................... 261-2
Wiltshire Clock and Watchmakers, lecture ....................................................... 103
Wadsworth, J. H. F. (Francis) ............................................................................. 350
lecture report ......................................................................................................... 850-1
savings clocks ........................................................................................................ 105
Wagstaff, Alan, sale of collection ......................................................................... 17
Walder, longcase movement, 30 hour .................................................................. 415
Wales and Marches Horological Society ............................................................. 570, 571
Wales, visit by West Country Section, 11 March 2006 ...................................... 570
Walker, John, of London, regulator, longcase, (stolen) ....................................... 9
wall clock, see also regulator, wall
anonymous, France ? .......................................................................................... 630
anonymous, Scandinavia ? .................................................................................... 630
anonymous, South German, 1590 ........................................................................ 637
Coster, Salomon, The Hague, 1657 .................................................................... 668
Fladgate, John, of London, alarm timepiece ...................................................... 198-9, 630
Flint, William, of Charing, with alarm, c. 1760 ............................................. 69
Forestville Clock Co., 30-hour ............................................................................ 74
Hager, of Arnstadt, c. 1630 ................................................................................ 630
Hager, Wolfgang, of Arnstadt, cross-beat ......................................................... 204-5, 630
Snowe, Nicholas, of Salisbury, 1638, with foliot ............................................. 685
Vulliamy, no. 1612 ............................................................................................... 735
Warren, William, of Royston
hooded verge alarm timepiece, painted case .................................................... 122
Whitehurst, John, of Derby
no. 4879, 3-train hook and spike ........................................................................ 412
Wise, John, of London, walnut, ¾ striking ......................................................... 432
Woolley, James, of Codnor, 8-day timepiece ..................................................... 288
wall clock, English dial
Flint, William, of Ashford (sen), verge, salt box ............................................. 82
Mudge, Thomas, and William Dutton .................................................................. 587
Smiths Selectric, rotating dial ............................................................................... 412-13
Wallier, Richard .................................................................................................... 646, 671, 672, 673
Wallnumi i Norrköping, watches ......................................................................... 330-1
Wallington, Richard of, see Richard of Wallington
walnut
French trees attacked by virus c. 1685 ................................................................ 107-8
use in Kent longcases ............................................................................................ 420
Ward, Henry (Kent blacksmith or clockmaker) ................................................... 393
Ward, Henry, of Blandford ................................................................................. 104
longcase month regulator movement, equation ............................................ 688
Ward, John, of Courteley ..................................................................................... 332
Ward, John, of London, (I W *), watch case maker ........................................ 545-9
Ward, John, of London, watches bearing signature of ........................................ 330-2
Warder family of Philadelphia .............................................................................. 818-20
Warder, William, lawyer of St Louis .................................................................. 819
Waring, William, of Ludlow ............................................................................... 230
Warren, Henry ....................................................................................................... 259, 260
Warren, William, of Royston
wall timepiece, hooded, verge alarm, painted case ......................................... 122
Wasson, Solomon, of Bristol, lantern clock ....................................................... 746
Wastell, John ........................................................................................................ 105, 850-1
watch, .......................................................... see also alarm watch; watch, calendar;
......watch, enamelled cased; watch, form; watch, repeating
Alais, Moise, of Blois, silver cased verge ......................................................... 632
anonymous
gold, diamond-set finger-ring form watch ...................................................... 634
gold set with diamonds, ? .................................................................................. 633
silver cased verge in the form of a pear ............................................................ 631
anonymous (A. Gallet), Germany and Abbeville
gilt-brass cased verge watch with alarm ......................................................... 631
anonymous, Austria?
silver and tortoise-shell pair-cased verge ....................................................... 195-6, 633
anonymous, Flanders/Germany?
gilt-brass and silver cased verge clock-watch .................................................. 631
anonymous, France
gold and diamond-set finger-ring form cylinder ........................................ 633
anonymous, Geneva, gilt-brass and agate cased verge .................................... 632
anonymous, Germany
gilt-brass cased verge clock-watch with stackfreed ........................................ 630
anonymous, (Le Roy of Paris), Germany
gilt-brass cased verge stackfreed .................................................................... 631
anonymous, London
gilt-brass cased, double-dialled, centre-seconds verge
clock-watch with calendar dials and stop lever .............................................. 633
anonymous, South Germany
tambour cased verge stackfreed ...................................................................... 630
anonymous, Strasbourg
tambour cased verge clock-watch with stackfreed ........................................... 630
anonymous, Switzerland
gilt-brass and coloured glass crucifix-form verge 631
anonymous (Thomas Tompion: fake), Geneva 787
 painted enamel cased verge, tortoiseshell outer ...632
Arnold, John, of London
enamelled, minute repeating ..........................572
finger ring ¾ repeating ..................................639
keyless work ...........................................287
Barocci, Giovanni, of Urbino, oval, 1563 ........248
Barrow, Nathaniel .......................................565
Bartholomew, Josiah, of London
 no. 4681, triple-case Turkish market verge 194-5, 633
Barton, John, of London
no. 1420, with Harrison portrait .....................540
Bergier, of Paris, silver and leather pair-cased verge 632
Bernick, Jan, of Amsterdam
gold and painted enamel pair-cased verge ..........633
Bibanet, Charles, of Geneva
gilt-brass and rock-crystal cased verge .............632
Bockelts, Jan Janssen (the Elder), of Aachen
calendar ....................................................830
gilt-brass striking, 1590-1600 .........................210-12, 631, 830
striking, alarm, and sundial ..........................830
Bockelts, Jan Janssen (the Younger), of Haarlem
‘Puritan’ style, centre seconds, c. 1630 ..........827-30
Bouget, David, of London
gold and painted enamel cased verge ..............632
Bouget, Solomon, of London, gold pair-cased verge 632
watch, continued,
Bouvier, George, of Paris, gold, enamel, gilt-brass and leather triple-cased verge (case) ........633
Bradley, Langley, of London
gold verge with mock pendulum ..........................633
Bradshaw, John (2), of Manchester, no. 1119,
silver pair-cased verge, owner’s name on dial ....167-9
Breguet et fils, no. 2723, tourbillon movement and dial 19
Breguet, no. 2649,
minute repeating chronograph perpetual calendar ...751
Bull, Edmund, of London, elongated octagonal 639, 640
Burghausen ?, brass oblong ................................633
Cambli, Johan Rudloph, of St. Gallen
gilt-brass cased verge with alarm, c. 1640 ........631
Canche, Jacques, of London
silver pair-cased verge with alarm ..................633
Carré, Jean, of Paris, silver cased verge alarm ..........633
Coulén, Philip van, The Hague / J.L. Durant, Geneva
painted enamel cased verge ..........................632
Champagnieu, Claude, of Lyon
silver cased verge with alarm ........................632
Clark, John, of Bristol, silver pair-cased verge ....632
Clough, Edward, of London
silver and leather pair-cased verge ....................632
Daniels, George, *Space Traveller’s Watch*, 1983 ......467
Debary, Henry, of Geneva
gilt-brass and painted enamel cased verge ..........633
Drake, John, of London, ivory cased ...................287
Duchesne, Pierre, of Paris
silver and gilt-brass cased verge .....................633
Duduciat, Daniel, of Paris, gold and enamel verge ....632
Dufour, of Paris, gilt-brass verge, mock pendulum ...633
Dupin, Paul, of London
gilt-brass and shagreen cased verge, ¾ repeat ......633
East, Edward, of London
silver and tortoise-shell pair-cased clock-watch ...632
silver pair cased ........................................632
Ehrhardt, William, of Birmingham .................413
Emery, Josiah, of London
consular gold case, lever ..................................287
 no. 1104, lever, belonged to Admiral Nelson ...156-7
Erhardt, Johann Christoph, of Augsburg
silver and vernis martin pair-cased verge,
fly-back minutes and date indicator ...............633
Ester, Estienne, of Geneva
silver pair-cased verge with alarm ..................632
Ester, Henri, of Geneva
gilt-brass and silver cased verge, 1630-1640 ......631
Etchinger, Hans Conraet, of Amsterdam
copper and painted enamel cased verge ............632
Flint, William, (jun), of Charing, verge, no. 24933, 70-1
Fortain, Augustin, of Paris, gilt-brass verge, alarm ..633
Foucher, Blaise, of Blois, gold and painted enamel cased verge,
*Battle of the Amazon* ..................................207-8, 632
Frec, Andreas (Germany),
gilt-brass verge clock-watch, stackfreed, 1600-1650/630
Garon, Peter, of London, silver pair-cased verge ....633
Garrett, Ferdinando, of London
gilt-brass and silver cased verge, 1605-1615 ........631
watch, continued,
Gide, Xavier, of Paris
gold and enamel cased verge, 1770-1780 ..........633
Girod, Jean Gaspard, of Geneva
gilt-brass and rock-crystal cased verge ............632
Glück, Adam, of Augsburg
heliotrope and paste-set verge ........................632
Glück, Georg, of Berlin, silver book form verge ......632
Godeij, Nicholas (Netherlands)
gilt-brass and rock-crystal verge, 1650-1660 .......631
Goyfon, Les Frères, of Paris
no. 837 ..................................................787-9
 no. 964 ................................................................789
Graham, George ...........................................565
no. 696, ¾ repeat cylinder ..............................545-9
repoussé outer case by Moser ..........................287
Grebainal, Simon, of Rouen
gilt-brass cased verge, 1595-1605 ....................631
Gribelin, Nicholas, of Paris, enamel cased verge .....633
Grinik, Robert jr, of London, silver pair-cased verge 632
Gruber, Hans, of Nuremberg
gilt-brass verge coach-watch, stackfreed, c. 1570/631
Guold (sic) (London?), silver and brass clock-watch ..633
Halleicher, Johann Otto, of Augsburg
silvered-brass cased verge ................................632
Harris, Joseph............................................105
Hassenius, James, of London, no. 220 ..............640
Hatton, Christopher, of London
rack-lever escapement ...................................254
Hebrat, Jean, of Brussels
copper and painted enamel cased verge ............632
Hill, Benjamin, of London .................................640
gold filigree and blued-steel pair-cased verge ......632
shagreen cased verge, c. 1655 ..........................631
Hovenschöld of Stockholm ..................................333
HS (maker’s mark) (Germany)
gilt-brass verge striking stackfreed, 1580-1600 ...630
HS (maker’s mark), of Nuremberg?
gilt-brass cased verge, stackfreed, 1640-1660 ......631
Hubert, Noel, of Rouen
gilt-brass and silver cased verge, 1615-1625 ..........631
Humbert, Les Frères et Pasteur, of Paris, gold, enamel,
gilt-brass and leather triple-cased verge ............633
IH (maker’s mark) (Germany)
gilt-brass verge striking, stackfreed, 1580-1600 ...630
IS (maker's mark) (Germany)
gilt-brass verge coach watch, 1590-1610............631
Jacobs, Coenrad, of Leeuwarden

gilt-brass and silver cased verge, c. 1610.............631
Jefferys, John, of London.........................490-2, 527, 529, 538, 565
John, Hans, of Königsberg
gilt-brass acorn form verge with pistol ..........632
Joly, Jacques, of Geneva, silver dog-form verge632, 639
Jones, Henry, of London, gold cased verge..........632
Joyne, John, of St. Germain, Paris
square, gilt-brass cased verge .......................632
Jurgensen, Jules, minute repeater ....................19
Kappelin, M., of Lucerne
gilt-brass and rock-crystal verge, 1635-1645......631
watch, continued,
Kheller, Johann Michael, of Friedberg
silver and gilt-brass square cased verge ..........632
Körber, G.F., of Frankfurt
silver pair-cased verge, c. 1750 ......................633
Kratz, Michael, of Augsburg
gold and gilt-brass cased verge ......................632
Kreitzer, Conrad, of Augsburg
gilt-brass and rock-crystal cased verge, 1630-1640631
Kullberg, Mathias, of Stockholm .......................334
Kyning, John, of London, gilt-brass pair-cased verge633
Lampard, John, of London
gilt-brass and silver cased verge, 1615-1625......631
Lemaindre, Nicholas, of Blois
gilt-brass cased verge, 1600-1620..................631
Lepine.........................................................759
Le Roy, Pierre
double dial....................................................784-4
no. 3449, duplex ............................................657
no. 4757 .........................................................786
petite montre de marine (La Petite Ronde) ..........782-3
petite ronde of 1774........................................784-5
Lind, Nicholas, of London................................334
Lion, George ................................................565
Lisle, Benjamin, of Rotterdam, silver cased verge....632
Littlewort, George, of London, no. 213, mail guard's134
Manly, Henry, of London
gold and painted enamel pair-cased verge ..........633
Marie, David, of France ?, gilt-brass cased cylinder watch with skeletonised movement, c. 1760 ..........633
Markwick, James, of London
silver and tortoise-shell pair-cased verge ..........633
silver cased verge...........................................633
Markwick, of London, silver pair-cased verge .......633
Martin, Thomas, of London, no. 795 ...............281, 344-7
Mascarone, Giovan Battista, of Milan
scalloped calendar, and lunar dials ....................248
Massey, Newcastle, Coventry, Prescot, London....287
Maurer, Johann, of Füssen, silver skull-form verge...632
Midnall, John, of London, gilt-brass cased verge.....632
Moilliet, Jean, gold and champlévé enamel ..........317
Mussard, Jean, of Geneva, enamel cased verge (case)633
Nicole Nielsen, lever, 1-minute tourbillon...........287
Nouwen, Michael, of London
quartz crystal-cased verge, 1609 ? (19th cent. fake) ..............................................................631
Öhman of Stockholm........................................333
Peffenhauser, Wilhelm, of Augsburg

gilt-brass and rock crystal verge, snail form 631, 638
Perras, Charles, of Blois
gilt-brass and silver cased verge, 1610-1615.........631
Petit, G............................................................642
Pilcom, Daniel van, of Amsterdam
silver fritillary-form verge ................................632, 638
Planke, Niklaus, of Lubeck, striking, dated 1514 ....641
Ramsay, David, of London

gilt-brass verge alarm, c. 1620........................631, 642-3
Reh Ke'ar, painted porcelain-cased watch
with figures and animals in colours.......................633
Rich, John (attrib), gold and enamel automaton......151
watch, continued,
Rogers, Isaac, of London, gold pair-cased verge ......633
Rona, of Galata, Turkey, silver cased verge, c. 1675.631
Rousseau, David, of Geneva, gilt-brass and rock-crystal
crucifix form verge, 1660-1670, (case later)............631
Roussel, A., of The Hague, gilt-brass and rock-crystal,
1680-1685 (movement), case and dial c. 1645........631
Rouzier & Melly, of Paris/Geneva
gold pair-cased, 1780-1810................................633
Rugendas, Nikolaus, of Augsburg, gilt-brass cased verge
stackfreed striking, alarm and stand, 1610-1620......631
Scheck, Abraham, of Nuremberg
silver cased verge with alarm.............................632
Sernard, Jacques, of Geneva
gilt-brass and rock-crystal star, c. 1630...........631, 637
gilt-brass and rock-crystal cased verge, 1635-1645631
silver tulip-form verge c. 1640............................631
Simons, G., of Breda / Jean Pierre Huaud, of Geneva
gold and painted enamel cased verge...................632
Smith, Samuel, of Coventry
five tooth vertical rack lever escapement..............261
Spiegel, Joseph (signed Legeips), of Friedberg
silver repoussé and leather pair-cased verge
coach-watch, half-quarter-repeat and alarm ..........633
Stamper, Francis ................................................565
Starr, Theo., of New York
gold minute repeating split seconds chronograph564
Taylor, of London
gilt-brass and painted enamel pair cased, ?..........634
Tinnelly, C., of Aix, silver and gilt crucifix form verge watch, 1640-1645.................................631
Tippen, William, of Charing, no. 2781...............73
Tobias, Morris, of London, no. 970, rose gold case342-3
Tompson, Thomas
clock-watch, gold pair case, champlévé dial ........287
no. 0367 (1367)................................................261
no. 1004..........................................................673
no. 4122 ............................................................261
Tracy, Stephen of Rotterdam / Jean Pierre Huaud of
Geneva, painted enamel cased verge....................632
Tyrer, Thomas, of London, no. 118, duplex..........658
Upjohn, Francis, of London, duplex ....................659
Usher and Cole, of London....................................710
Vallier, Jean, of Lyon,
silver striking alarm calendar............................208-10, 631
Vick, Richard, of London, silver pair case, verge....101
Viet, Paul, of Blois, gold and painted enamel verge..632
Wallerusius i Norrköping .................................330-1
Ward, John, of London........................................330-2
Wijbrants, Jacob, of Leeuwarden

gilt-brass and rock-crystal cased verge ..........632
Williamson, Robert, of London
gilt-brass and shagreen-cased verge .................633
Willowe, John, of London
gilt-brass and silver sea-shell form verge ..........632
Zarlouben, Hans Jacob, of Zug
striking, stackfreed, monstrance stand205-7, 631, 640
watch, alarm, see alarm watch
watch, calendar
anonymous, London, gilt-brass cased, double-dialed, center-seconds verge clock-watch with stop lever 633
Bockels, Jan Janssen (the Elder), of Aachen, watches 830
Breguet, no. 2649, perpetual calendar 751
Erhardt, Johann Christoph, of Augsburg 633
Mascarone, Giovan Battista, of Milan, scallop form 248
Patek Philippe, gold tourbillon wristwatch 605
Vallier, Jean, of Lyon, silver striking alarm 208-10, 631
watch cap, engraved
Martin, Thomas, of London, no. 795 345
watch cap, Graham, George, watch no. 696 546, 547
watch cap maker
Houlgrave, Ellis, of London, trade card 801
watch case and dial
anonymous, Germany, gilt-brass 630
anonymous, South Germany ?, tambour 630
watch case, anonymous
Bilton, gilded brass, ‘Battersea’ enamel decoration 634
copper and painted enamel 632
Germany, gilt-brass 630
watch case maker
Aveline, Daniel 346
Aveline, Laura 346
Aveline, Mary 346
Bailey, Edward Branson, of London 494
Bellune 493-4
Brookes, Samuel, of Clerkenwell
Bentley & Beck, of London, no. 932 7
Carpenter, Thomas 491
Carrington, Thomas, of London 491-2
Dennison, Wigley, & Co., of Handsworth 113
Glenny, Joseph, of London
Bartholomew, Josiah, of London, no. 4681 194-5
Gresset, Mr 356
Hardy, John 493

John Harrison’s Watchcase Makers,
by Philip Priestley 489-95
Hawkins, John 493
Hocheconne, Isaac 493
Holiday, Cornelius Brook, of Clerkenwell
Frodsham, Charles, no. 8886 439
Jarvis, Abel 491-2
McCaire, Gideon 346
Maddock, Edward (II), of Liverpool 167
Mason, Mr 357
Mounier, Peter 351, 353
Allam, William, of London, no. 1416 339-41
Parbury, of London 548-9
Payne, Richard, of London 494
Pullen, David 494
Sherwood, William 492
Taylor, Henry Cleaver, of London 494
Ward, John, of London 545-6, 548-9
Webb, Frederick and Walter, of London, trade card 798

watch case maker’s mark
E.M. (Edward Maddock II, of Liverpool) 167
HT 491-2, 495
IG (Joseph Glenny, of London) 194-5

watch case maker’s mark, continued
IH, IH, I-II 194-5
I.W* (John Ward) 492-3
George Graham watch no. 696 548
MA (Michael Thomas Atkins, of London) 194-5
T&W, (on Harrison’s watch made by John Jeffreys) 490-2

watch case pendant maker
Atkins, Michael, of London
Bartholomew, Josiah, of London, watch no. 4681194
watch case springer and liner, Bouet, François .... 352, 354
watch cock, see balance bridge
watch, development of, lecture by Philip Priestley 569-70
watch, double dial
anonymous, London, gilt-brass cased, center-seconds clock-watch with calendar dials and stop lever 633
watch, enamel-cased
Arnold, John, of London, minute repeating 572
Bouvier, George, of Paris 633
Duduit, Daniel, of Paris 632
Gide, Xavier, of Paris 633
Gribelin, Nicholas, of Paris 633
Humbert, Les Frères et Pastre, of Paris 633
Martin, Thomas, of London, no. 795, back 347
Moirillet, Jean 317
Mussard, Jean, of Geneva (case) 633
Rich, John (attrib) automaton 151
watch, enamel-cased (painted enamel)
anonymous, watch case 632
anonymous (Thomas Tompion: fake), Geneva ? 632
anonymous, watch case, Bilton ‘Battersea’ 632
Berninck, Jan, of Amsterdam 633
Bouquet, David, of London 632
Ceulen, Philip van, The Hague / J.L. Durant, Geneva 632
Debarry, Henry, of Geneva 633
Eichinger, Hans Conraet, of Amsterdam 632
Foucher, Blaise, of Blois, Battle of the Amazons 207-8, 632
Hebrat, Jean, of Brussels 632
Manly, Henry, of London 633
Moirillet, Jean 317
Simons, G., of Breda / Jean Pierre Huaud, of Geneva 632
Taylor, of London 634
Tracy, Stephen of Rotterdam / Jean Pierre Hauud of Geneva 632
Viet, Paul, of Blois 632
watch, finger ring
anonymous, France, gold and diamond-set cylinder 633
anonymous, gold and diamond-set 634
Arnold, John, ¾ repeating 639

watch finisher
Foster, Mr 356
Tramou, Mr 357

watch, in form of
book, Gluck, Georg, of Berlin, silver verge 632
ruccifix
Rousseau, David, of Geneva, gilt-brass and rock-crystal verge, 1660-1670, (case later) 631
Tinneley, C., of Aix, silver and gilt, 1640-1645 631
dog, Joly, Jacques, of Geneva, silver verge 632, 639
fieritilla, Pilcom, Daniel van, of Amsterdam 632, 638

watch, in form of, continued
pear, anonymous, silver cased verge 632
scallop shell, Mascaron, Giovan Battista, of Milan, calendar and lunar dials 248
sea-shell, Willowe, John, of London, gilt-brass and silver verge 632
skull 639
skull, Maurer, Johann, of Füssen, silver verge 632
snail, Peffenhauser, Wilhelm, of Augsburg, gilt-brass and rock crystal cased verge 631, 638
star, Sermand, Jacques, of Geneva, gilt-brass and rock-crystal cased verge, c. 1630631, 637
watch glass maker, Creber, Mr .................................355
watch hand maker
Bovy, J.-E. Antony, La Chaux-de-Fonds, trade card 796-7
watch jeweller, Brooks, Samuel, of London, trade card .799
watch, keyless winding
Arnold, John Roger, no. 51, Prest’s keyless work .........591
watch, lever
English Lever Pocket Watches
lecture by Finbarr Crowley .......................................264
watch, mail guard’s
Littlewort, George, of London, no. 213 .......................134
watch manufacture
Impact of American Technology on the English Watch Trade, lecture by Philip Priestley .......................... 112-13
The Influence of Pierre Frédéric Ingold on the Development of Mass Produced Watches
lecture by David Penney ...........................................567
nineteenth-century mechanismed ................................ 98-9
Pierre Frédéric Ingold, lecture by David Penney .......98-9
Some Aspects of Lancashire Clock and Watch Making,
lecture by John Griffiths ...........................................714-15
use of outworkers....................................................350
watch paper ........................................................................793
Boddington, W., of Altrincham .................................168
Frost, Jonathan, of Exeter .........................................271
Gatrix, William, farmer .............................................168
Hulme, J., of Stretford ...............................................168
Hulme, James, of Altrincham ......................................168
Roberts, Alexander, of Charing .....................................73
watch, repeating
Guold (sic) (London?), clock-watch ..............................633
watch, repeating half-quarters
Spiegel, Joseph, of Friedberg, coach-watch .................633
watch, repeating minutes
Arnold, John, of London, enamelled .........................572
Breguet, no. 2649, chronograph perpetual calendar ........751
Jurgensen, Jules ......................................................19
Starr, Theo., of New York, chronograph ......................564
watch, repeating quarters
Arnold, John, of London, finger ring .........................639
Dupin, Paul, of London .............................................633
Graham, George, no. 696, cylinder ...............................545-9
watch, repoussé, see repoussé case
watch, said to have belonged to
Abbot of Glastonbury ..................................................644
Gatrix, William, farmer .............................................164-9
watch, said to have belonged to, continued,
James III and VIII, Old Pretender .........................101
Nelson, Horatio, Admiral Lord ...................................156-7
Salzburg, Bishop of ..................................................195-6
watch, skeleton
Marie, David, of France ?, gilt-brass, cylinder c. 1760633
watch stand maker, Vallerance, T., of London, trade card 801
watch, with stand
Zurlauben, Hans Jacob, of Zug, gilt-brass cased stackfreed verge, c. 1620 ..........205-7, 631, 640
watchmaker (outworker to Gray & Vulliamy)
Boyle, Robert .........................................................353, 354
Culverwell, Mr .........................................................355
Hebert, Anthony .......................................................356
Magnin, Simeon .........................................................352
Watson, Chris
The Hindleys, the Bradshaws, and the Farmer’s Watch ........................................................................164-9
Roger Hindley, letter ..................................................418-19
Watson, John, of London ............................................101
Waugh, James, and Sons, of Dublin
longcase clock with carillon ......................................416
Way, Albert ................................................................189
waywiser, Penn, of London, brass, c. 1800 ..................635
weather station ...........................................................411
Webb, Frederick and Walter, of London, watch case makers, trade card ........................ 798
Webster, John
Clockmaking in King’s Lynn 1600-1900, lecture ...567-8
Weight, Henry, turret clock, Cheltenham, Christchurch ...256
weight pulleys, by John Harrison
longcase clock ...........................................................488
turret clock .............................................................508
Wellenius of Norrköping ............................................332
Wells, Cathedral clock
Henry Palfrey’s drawings of ‘tournament’ ......................643
Octavius Morgan’s drawings of ................................191
Wendy, Lady Letitia .................................................32-3, 34
will .................................................................32-3, 35
Wendy, Sir Thomas, KB
portrait of .................................................................31
Sir Thomas Wendy’s Lantern Clock, Thornton, W. J. .... 28-36
Wenham, John, of East Dereham ...............................724
West, Bert ..................................................................527
West Dean College, St. Roche Lecture 2005 .............25-6
Westminster Abbey
Jerusalem Chamber ...................................................461
memorial to John Harrison see Harrison, John
Westminster, Great Clock, Early Photographs ............690-1
Weston, of Hastings
longcase movement, 30 hour, worm-driven fly ..........102
Wetherfield collection ................................................179
sale label .................................................................150
Weydmian, Lucas, of Krakow, tabernacle clock, 1648 ....560
Wharton, William, of Birmingham ...........................231
Whatmore, Derek ......................................................104
wheel cutting engine, see also tools
Amoretti, 1769 ...........................................................247
dividing head for crown wheels .................................415
Whillis, Stewart, lecture report ................................116-17, 625-7, 718-20
Whistler, Sir Laurence, engraved glass windows, Moreton .........................................................104
Whiston, William ......................................................468
White, Sir George ......................................................348, 350, 460
Samuel Atkins and Harrison’s HS, letter .....................722-3
White, Ian
The Amazing Clocks of James Cox, lecture ................848-9
presented DVD, ‘Royal Music Machines’ .................853
White, Mr, chain steel maker .......................................357
Whitechapel Bell Foundry, Bell-founding and the
Whitechapel Foundry, lecture by Alan Hughes .........260-1
Whitehurst, John, of Derby, wall clock
no. 4879, 3-train hook-and-spoke ...............................412
Whiteman & Bass, of London, atmospheric clock .........238
Whiterow, John Alfred, of London, trade card .........793
Whitworth, John, Smith’s 5 tooth vertical rack lever, talk261
Whyler, Mark, Military Timers, lecture ......................568-9
Whyte, Donald
Clockmakers and Watchmakers of Scotland, reviewed ....235-6
Wicks, of London, longcase clock .............................101
Wijbrands, Jacob, of Leeuwarden
watch, gilt-brass and rock-crystal cased verge ..........632
Wildeman, Dr
Wilder, Ann, of London ...................................................199
Wilder, Richard .................................................................198
Wilkins, Bishop John ..........................................................671
Willard, of Boston, production of ......................................25-6
Willard, John, of Charing, blacksmith ..........................372, 377
Willard, Robert, of Charing, blacksmith .......................373, 377
Willcock, of Canada, patent chiming train .......................412
Willebrand, Johann, of Augsburg
gilt-brass and silver universal equinoctial dial, c. 1725634
Williams, Chris H.K.,
The Church Clocks of Charing, Kent .........................371-96
Clock Ownership, Production, and Survival, lecture 570
The Clockmakers of Charing, Kent ..............................64-82
reply to letter by Vernon Morris .................................419-20
Williams, Henry, of Llanearfan, dial engraving .............262
Williams, John, of Leeds
longcase clock, 30-hour, painted case .........................687
Williamson, Robert, of London
bracket clock, basket top, ¼ repeat .................................596, 744
watch, gilt-brass and shagreen-cased verge ..................633
Willoughby, Cassandra ..................................................34
portrait of ..........................................................................33
Willoughby, Sir Francis, FRS, portrait of ..........................34
Willoe, John, of London
watch, gilt-brass and silver sea-shell form verge ...........632
Wilson, Chris, portrait ..........................................................711
Wilson, Mike ........................................................................256
lecture report .................................................................103, 710-11, 849
Wilson, Pat, lecture report ..................................................256-7
Wiltshire Clock and Watchmakers,
lecture by Trevor Waddington ......................................103
Wimble, John, of Ashford ..............................................377, 393
Wimborne Minster, turret clock ......................................104
wind rose .............................................................................49
winding key
gold ratchet, for Brockbanks of London no. 520 ............138
Harrison, John
longcase clock .................................................................480
turret clock .................................................................508
windmill, Chesterton, visit by Midlands Section .............849
Winn, Sir Rowland .............................................................502
Winne, St John .....................................................................617-18
Wise, John, of London, wall clock, walnut, ¼ striking ...432
Wolf, Edwin II .....................................................................806
Wolfendale, Sir Arnold .....................................................455, 758
address to Scottish Section, 4 November 2006 .................847-8
Galileo, Einstein, and Time ..............................................97-8
Harrison in the Abbey, book, advertised .........................442
Harrison Medal, awarded to .............................................464
John Harrison and Astronomers Royal of his Period ........468-74
John Harrison: The Address ..............................................463
portrait .................................................................................705
President’s Address
14 May 2005 .....................................................................97-8
20 May 2006 .......................................................................705-6
urged Harrison memorial ................................................156
Wolfendale, Sir Arnold, and Dr John C. Taylor
The Excitement of Time, book ......................................593
The Excitement of Time (exhibition) .........................464, 466
Wollaton Hall .................................................................35
Wood, E.J. ...........................................................................189
Wood, James, of Dorchester, dial, longcase? .................306, 438
wood, use in clock movement
Harrison, John, longcase .............................................475-88
Constellation, (stolen) ............................................ 8, 9
Flightmaster, (stolen) ............................................. 8
Moonwatch, (stolen) ................................................ 8
Seamaster, (stolen) .................................................. 9
Speedmaster, (stolen) ............................................... 9
Patek Philippe
  gold minute repeating tourbillon ......................... 605
  world time and pulse ....................................... 751
Zenith
  Il Primera, (stolen) ........................................ 8, 9
  c. 1970 (stolen) ............................................. 8
Wycherley, patent ................................................... 112
Wylandt, Nicolaas, of Amsterdam, longcase clock .... 717

Y
Yllmer, Andreas, of Innsbruck
  vertical astronomical table clock, 1559 .......... 248

Z
Zech, Jacob, of Prague, drum shaped table clock .... 560
Zeeman, Jaap ......................................................... 116, 337
  Dutch Clocks / French Clocks 1657-1700, lecture, 246-7
  lecture report ............................................ 263-4, 416, 715-18
  For your further reading .......... 423, 575-6, 725-6, 866
Zeeman, Jaap, and R.J.C. Dobson
  Richard Donald Dobson, obituary ....................... 316
Zenith
  ‘Heure Exacte’ clock ...................................... 268
  wrist-watch, (stolen) ...................................... 8
  Il Primera ........................................................ 8, 9
Zimmermann, Philip D. ......................................... 759
Zurlauben, Beat II, Landschreiber ....................... 207
Zurlauben, Hans Jacob, of Zug, striking stackfreed watch,
  in monstrance stand ................................. 205-7, 631, 640
<table>
<thead>
<tr>
<th>Volume</th>
<th>Issue Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>March 2007</td>
<td>1-144</td>
</tr>
<tr>
<td>Two</td>
<td>June 2007</td>
<td>145-284</td>
</tr>
<tr>
<td>Three</td>
<td>September 2007</td>
<td>285-440</td>
</tr>
<tr>
<td>Four</td>
<td>December 2007</td>
<td>441-596</td>
</tr>
<tr>
<td>Five</td>
<td>March 2008</td>
<td>597-748</td>
</tr>
<tr>
<td>Six</td>
<td>June 2008</td>
<td>749-892</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>893-956</td>
</tr>
</tbody>
</table>
VOLUME THIRTY

LIST OF ARTICLES

John Hyacinth De Magellan (1722-1790)
Part 3: The Later Clocks and Watches
by Jonathan Betts 25

Evidence from the Transient: The Importance of Ephemera for a Proper Understanding of the Clock and Watch Trades: Part II
by David Penney 45

Evan Davies alias Myfyr Morganwg
Arch-druid, Philomath, Clockmaker
by William Linnard 66

Some Notes on an Iron-framed Chamber Clock
by K. J. Ming 76

An Unusual Split-second Chronograph
made by Clerke, 1 Royal Exchange, London
by Mike Cowham 82

Eardley Norton’s 1771 Patent for Striking Clocks & Repeating Watches
by John A. Robey 88

Evidence from the Transient: The Importance of Ephemera for a Proper Understanding of the Clock and Watch Trades: Part III
by David Penney 177

The Prototypes of ‘Hague Clocks’ and ‘Pendules Religieuses’ 350 Years after Salomon Coster’s First Clock
by Reinier Plomp 196

Birmingham Dialmakers:
Some Biographical Notes: Part I
by John A. Robey 209

A Striking Discovery: The Seal of a Horologiarius
by Nicola Rogers and Richard Hall 223

Some Seventeenth-century Painted Enamel Watch-cases and their Movements
by Clare Vincent 317

A Claim for Finding the Longitude at Sea by Zumbach de Koesfelt
by Hans Hooijmaijers 347

John Hyacinth De Magellan (1722-1790)
Part 4: The Precision Pioneers
by Jonathan Betts 365

The Joudain Family of Spitalfields, London Specialists in Chime and Musical Work
by Clive Ponsford 380

Birmingham Dialmakers:
some Biographical Notes: Part II
by John A. Robey 470

Chronometers on East India Company Ships
1800 to 1833
by Phillip Arnott 481

‘Such Great Inventors as the Late Mr Lund’:
An Introduction to The Standard Time Company, 1870-1970
by James Nye & David Rooney 501
LIST OF ARTICLES (continued)

Wills of Clock and Watchmakers on-line from The National Archives: Part I
by Clive N. Ponsford ........................................ 524

A Pendulum Clock owned by the Danish Astronomer Ole Rømer (1644-1710)
by Reinier Plomp ........................................... 624

The Sing-song Trade: Exporting Clocks to China in the Eighteenth Century
by Roger Smith ............................................... 629

The Longcase Painted Dial in Liverpool
by Frances T ennant ........................................... 659

Two Renaissance Clocks Punchmarked PP
by Michael Hurst ............................................ 675

Wills of Clock and Watchmakers on-line from The National Archives: Part II : The City of London and Middlesex (A-J)
by Clive N. Ponsford ........................................ 680

Notes on the Patent, Functionality and Mechanisms of the Portable Pillar Barometers
by Daniel Quare
by Richard Higgins ......................................... 787

The Octavius Morgan Archive: Addenda
by David Thompson .......................................... 798

Wills of Clock and Watchmakers on-line from The National Archives: Part III : The City of London and Middlesex (K-Z)
by Clive N. Ponsford ....................................... 804

The Early English Balance Spring Watch: The Hardware 1665-1677/8
by Martin Ball .................................................. 818

An Invasion in Time: American Horology and the British Market
by Alun C. Davies ........................................... 829

LIST OF NOTES

Regulator by Viner, London
by Nigel Platt .................................................. 225

Church Clock, St Mary of Charity, Faversham, Kent
by Mike Bundock ............................................. 96

A Gold Pocket Chronometer by Ulysse Breting
by Tony Maragna ............................................. 845

PICTURE GALLERY

Daniel le Count, London – c.1685.............................. 102
William Cattell – c.1685...................................... 104
Edward Burgis – c.1695........................................ 106
Gold Watch Repeating Half-Quarters
signed ‘Brockbanks LONDON’ ................................ 228
Silver Pair-cased Watch c.1750
signed Willm. Gib. Rotterdam................................ 232
Orpheus Sumart, Clerkenwell – c.1740...................... 376

A Pedometer Watch by Ralph Gout........................... 539
Steven Hoogendijk (1698-1788) Rotterdam..................... 546
An Iron Chamber-clock by Nicholas Vallin 1598............ 695
Portrait of Peter Litherland................................... 704
‘Your Time’ Late Entries (not in catalogue).................... 848
A Miniature Lantern Clock with Turkish Numerals by William Kipling.............................. 849
INDEX TO VOLUME THIRTY

Compiled by Andrew James, David Thompson, and John Golightly

Page numbers in bold type denote an illustration

A

Abbing, Koen Roscam.............................................124
Abchurch, John, of Clerkenwell, watchmaker, will.........683
Abduction of Helen of Troy, The, depiction of...........234
Abraham, Ebenezer, of Olney, watchmaker, will..........526
Adams, Henry, of Hackney, watchmaker, will.............683
Adams, John, of Middlewich, watchmaker, will..........527
Adams, Samuel, of Bromley, watchmaker, will..........530
Adams, Thomas, of Middlewich, clock and watchmaker, will...........527
Addis, William, of London
bill for 8 day mahogany longcase clock, 1769..........53, 55
watchmaker and goldsmith, will..............................683
Adkins, Thomas, of Epsom, watch engraver, will........533
Adney, Richard, of London, watchmaker, will...........683
advertisements
Crockett, John, of Pontypidd, clock, watch and cabinet maker, 1871..............69
Aherne, Gerd, sale of collection.................................303
AHS (Antiquarian Horological Society)
for meetings see AHS, main meeting
for details of sections see AHS, name of section
AHS News........113-26, 244-70, 410-27, 563-79, 714-31,
862-78
Annual General Meeting
2007 minutes..........................................................245
2008 minutes..........................................................863-4
Calendar 2007.........................................................112, 243, 409
Calendar 2008.........................................................562, 713, 861
Chairman’s Report 2008...........................................862-3
chairmanship of Michael Smith.....................776-7
committee...........................................................563-4
Conference and AGM 2007, Keble College Oxford
lectures reported......................................................247, 249-52
photograph of audience.........................................248
photograph of banquet...........................................248
President’s Address.................................................249
Reflections on Keble 2007, by Ken Shenton.............246-8
Conference and AGM 2008, Liverpool
editorial.......................................................................467
Liverpool 2008..........................................................563
notice of...............................................................240, 557, 563-4
programme............................................................558
Dr Alan Shenton Award
2006, not awarded....................................................113
2007, James Nye and David Rooney........714, 864, 865
gifts available from..................................................556, 709

AHS (Antiquarian Horological Society), continued,
Library Notes........113-14, 246, 410-11, 564-5, 714, 867
Percy Dawson Medal
2005, Michael Page.................................................247
2006, Andrew King.................................................247
2007, Phillip Arnott..............................714, 864, 865
programme
Spring 2007.............................................................110-12
Summer 2007..........................................................241
Autumn 2007.........................................................406-9
Winter 2008............................................................559-61
Spring 2008............................................................710-12
Summer 2008.........................................................859-61
publications........108-9, 238-9, 403-4, 554, 707-9,
858
Secretary’s Notes......................................................564
study tours 2007.......................................................565
October 2007, Milan and Tuscany, reported............715-19
proposed...............................................................246
study tours 2008, proposed.................................565, 715
website news..........................................................114
AHS, American Section
8 June 2007, Reifler clocks,
lecture by Fortunat Mueller-Maerki.........................576
AHS, Dutch Section
16 September 2006,
visit to Baron F. Duisberg’s collection, Mons........124
4 November 2006, AGM, and slides of German tour...124
7 December 2006, visit to Sotheby’s.........................124-5
30 December 2006,
visit to Museum van het Nederlandse Uurwerk..........125
10 February 2007, Bring and Discuss......................263-4
31 March 2007, clocks made by members.................264-5
12 April 2007, visit to Sotheby’s.........................265
9 June 2007, visit to Castle Sypesteijn, Loosdrecht....575
29 September 2007, AGM and Bring and Discuss......575
20 October 2007, Johann Hevelius,
lecture by Kees Grimbergen.................................575
15 December 2007, visit to Christie’s, Amsterdam....727-8
29 December 2007, visit to Christie’s, Amsterdam....728
AHS, East Anglian Section
29 September 2006, Watches from Switzerland
1580–1680, lecture by David Thompson.................120-1
25 November 2006, AGM and Bring and Discuss.......121
27 January 2007, American Influence on English Machine
Watch Manufacture, lecture by David Penney........258-9
31 March 2007, The Brooklesby Park Tower Clock,
lecture by Andrew King........................................259
19 May 2007, Recent Repairs, lecture, Brian Jackson...419
8 June 2007, visit to British Museum......................420

© 2011 Antiquarian Horological Society. Reproduction prohibited without permission.
AHS, East Anglian Section, continued,
28 July 2007, The Evolution of the Pocket Watch,
lecture by Philip Priestley.................................420
29 September 2007, W.H. Shortt,
lecture by Robert Miles.................................570-1
17 November 2007, AGM and Bring and Discuss.......... 722-3
20 November 2007, visit to British Museum............ 723-4
26 January 2008, The History of the Longcase Clock,
lecture by Dr Colin Lattimore..............................724-5
8 March 2008, Watch Stands, lecture, Clifford Bird.....871

AHS, Electrical Horology Group
25 November 2006, AGM, and
Principles of Lacquering, lecture by Francis Brodie. 125-6
10 March 2007, Bring and Discuss..........................269-70
9 June 2007, The Standard Time Company Limited,
lecture by James Nye and David Rooney................427
22 September 2007, Restoration of an Early Quartz
Clock, lecture by David Rooney.........................578-9
24 November 2007, AGM, and Observatory Time
by Radio, lecture by David Read..........................728-9
12 January 2008, Clock Systems at the
Co-Operative Group, visit ..................................729-31
15 March 2008, Bulle Clocks, meeting......................749, 877-8

AHS, main meeting
18 & 19 October 2006, visits to Students’ Room
(marine chronometers)...........................................115-16
7 November 2006, Turret Clocks of the 19th Century,
lecture by Mike Bundock.....................................116-17
11 January 2007, New Horological Galleries at the
Old Royal Observatory, lecture by David Rooney...117-18
17 May 2007, Time Restored: The Life and Work of
R.T. Gould, lecture by Jonathan Betts..................411-12
19 July 2007, Machine Made Watch Manufacturing,
lecture by David Penney......................................412
20 September 2007, Precious Metals and Other Materials
in Timekeeping, lecture by Michael Gibbons...........565-6
15 November 2007, Japanese Clocks,
lecture by Peter Linstead-Smith............................719-20
17 January 2008, George Graham,
lecture by Allan Chapman..................................720-1

AHS, Midlands Section
23–26 June 2006, West Country tour.......................119
6 December 2006, AGM, and Bring and Discuss........ 119-20
7 February 2007, Jewellery for English Watches and
Chronometers, lecture by Dr Ian Greaves................257
7 March 2007, Incense Clocks,
lecture by Bernard North...................................257-8
14 April 2007, visit to Greenwich Observatory Time
Galleries.................................................................257-8
2 May 2007, European Clockmaking 1500–1650,
lecture by David Thompson.................................416-17
6 June 2007, Practical Techniques, demonstrations 416-17
30 June – 1 July 2007, Summer Tour, West Yorkshire...417
8 September 2007, visit to Lichfield.......................568-9
23 October 2007, Birth of the Chronometer, 1750–1800,
lecture by Jonathan Betts....................................570

AHS, Midlands Section, continued,
7 November 2007, Mudge Timekeeper, ‘Green’,
lecture by Anthony Randall.................................722
5 December 2007, AGM, and Bring and Discuss.........722
6 February 2008, Joseph White & Sons,
lecture by Jeremy Hassall....................................869-70
5 March 2008, The Early Use of Metals in Horology,
lecture by Jim Nicholson.......................................869-70
5 April 2008, visit to Birmingham Museums
Collection Centre..................................................870

AHS, Northern Section
8 December 2006, Small clocks and large watches........255
12 January 2007, AGM, and Royal Music Machines.....255
9 February 2007, The Transit of Venus,
lecture by Matthew Read.....................................255-6
9 March 2007, Club Night....................................256
13 April 2007, Club Night, initial ‘H’......................256-7
11 May 2007, Clocks that Changed the World,
lecture by David Rooney......................................414
11 June 2007, The Lost Secrets of the 18th century
Clockmakers, lecture by Dr John Robey....................415
13 July 2007, Club Night, American Clocks...............415
10 August 2007, Collectors’ Watches,
lecture by Justin Koulalas....................................567
7 September 2007, Club Night.................................567-8
14 December 2007, Novelty Clocks.........................721-2

AHS, Scottish Section
4 November 2006, 21st Anniversary Dinner................118
9 December 2006, Modern Photographic Methods as
relating to Horology, lecture, Duncan Anderson...118-19
17 February 2007, Eyecare for Horologists,
lecture by Coral Allan...........................................253
17 March 2007, The Magic of Automata,
lecture by Michael and Maria Start..........................254
14 April 2007, The Early History of Sound Recordings –
Records and Mechanisms, lecture by Mark Gray........254
26 May 2007, visit to Monkton House......................413
9–17 June 2007, Tour of South East France................413
8 September 2007, visit to the House of the Binns......566
13 October 2007, AGM, and The City Observatory
and Edinburgh Time, lecture by Graham Rule.............566-7
24 November 2007, The work of a small engineering
conservator at the National Museums of Scotland,
lecture by Darren Cox...........................................721
23 February 2008, lectures, My New Clock: and
Restoration, by Archie McQuater; The Great Clock
of Westminster – recent overhaul, by Ian Westwood....868

AHS, South Eastern Section
2 December 2006, Bring and Discuss.......................121-2
6 February 2007, A longcase clock by Thomas Schindler,
lecture by John Measday.......................................259
6 February 2007, Metal in Watchmaking, lecture by
Michael Gibbons..................................................259
7 April 2007, Pendulum Chaos,
lecture by Dr Stuart Harrison...............................260-1
2 June 2007, Greenwich Royal Observatory,
lecture by David Rooney....................................420-1
AHS, South Eastern Section, continued,
4 August 2007, A Miscellany of clocks,
lecture by John Warner ........................................ 571-2
6 October 2007, AGM; and American and European
Watchmaking, lecture by Viscount Midleton ........... 572-3
1 December 2007, Bring and Discuss .................... 725
2 February 2008, Seiko Watches,
lecture by Mark Mills ........................................ 871-2
5 April 2008, Electric Clocks,
lecture by Martin Ridout .................................... 872-3

AHS, Southern Section
4 November 2006, The Coventry Watch Industry –
Then and Now, lecture by Peter C. Wood ............... 122
9 December 2006, Bring and Discuss .................... 122-3
3 February 2007, Restoring Painted Dials,
lecture by David Buxton .................................... 261-2
10 March 2007, American Military Timekeeping,
lecture by Philip Priestley .................................. 262
9 June 2007, Henry Hindley of York,
lecture by Chris Watson ...................................... 421-2
14 June 2007, visit to Belmont House ..................... 422
22 September 2007, AGM; and member’s talks ........ 573
10 November 2007, The Macartney Embassy to China,
lecture by Ian White ......................................... 726
15 December 2007, Bring and Discuss ................... 726-7
9 February 2008, Restoration of a Tompson Watch,
lecture by John Day ........................................... 873
5 April 2008, A Miscellany of Rarely Seen Clocks,
lecture by John Warner ....................................... 873-4

AHS, Turret Clock Group
14 October 2006, AGM and visit to Greenwich ....... 265-6
14 October 2006, Greenwich Naval Hospital Clock,
lecture, Jonathan Betts and Peter Linstead-Smith .... 265-6
3 March 2007, Conservation vs Restoration .......... 266-8
12 May 2007, tour of Leicestershire ......................... 423
July 2007, tour of Durham and Northumberland .... 424-7
13 October 2007, AGM, and visit to Cardiff .......... 576-7
1 March 2008, meeting at Uffington ....................... 874-7

AHS, West Country Section
9 December 2006, Bring and Discuss .................... 124
9 December 2006, Clockhunting in Bermuda,
lecture by Dr Ed. Cloutman ................................ 123-4
3 March 2007, Horological Tools, lecture by Tony Bird 263
3 March 2007, Longcase Clock Development,
lecture by Roger Still ......................................... 263
16 June 2007, Restoring Painted Clock Dials,
lecture by David Buxton .................................... 423
15 September 2007, English watch cases and their makers,
lecture by Philip Priestley; and Secrets of eighteenth-
century clockmakers, lecture by John Robey .......... 574
15 December 2007, Greenwich Time and Clocks that
Changed the World, lecture by David Rooney .......... 727

airgun, George Biddell, astronomer
regulators for the Transit of Venus ......................... 251
Aish or Ashe, Simon, of Affpuddle, watchmaker, will .... 527
Aish, Simon, of Sherborne, clockmaker, will ............ 527
alarm clock
Burgis, Edward, bracket clock, ¼ repeating ............ 106-7
Coster, Salomon, wall clock ................................ 199
Dee, William, of Windsor, lantern clock ............... 760
‘Early Bird’, electric, Bond, W.F., bill, 1898 .......... 61, 63
Fennel, Richard, of Kensington, burr yew case .......... 11
French carriage clock
bamboo style case with porcelain panels ............... 609
Gamdur, of Paris, lantern timepiece ...................... 760
Graham, George, no. 510, 30-hour oak longcase .... 605
Hammant, Thomas, of London, bracket clock ........ 599
Hill, Benjamin, of Fleet Street, London, lantern clock .. 14
iron framed chamber clock .................................. 81
Magellan, John Hyacinth de, of London, clock 15 .... 41-2
Richard et Cie, carriage clock ................................ 152
Robinson, Robert, of London, lantern clock ........... 14
alarm watch, c. 1635 .............................................. 758
Alcocke, of Thomas, of London, watchmaker, will .... 683
Alcyone Praying to Juno, depiction of .................... 340, 341
Aleva, of Joure, stool clock ................................... 125
Alexander, James, of London, watchmaker, will ....... 683
Allam & Caithness, of London, tavern clock ........... 162
Allam & Clements, of London, bracket clock .......... 750
Allan, Coral, Eye care for Horologists, lecture ......... 253-4
Allan, William, of London, watchmaker, will .......... 683
Allatson, Richard, of Clerkenwell, watchmaker, will ... 683
Allen, Ralph, funeral of ........................................ 422
Allen, Thomas Windsor, of Raeburn, watchmaker, will .... 529
Allix, Charles ....................................................... 48
Allix, Charles, and Giuseppe Brusa
Pierre Le Roy and the Chronometer, letter .......... 131
Allsop, Josua, of London, clockmaker, will ............. 683
almanac, (Britannus Mertanus Liberatus) for 1818,
compiled by Evan Davies, 1817 ......................... 66-7, 70
Almanus Manuscript ............................................. 76
Almond, Ralph, of London, clockmaker, will .......... 683
Almond, William, of London, clockmaker, will ....... 683
America
American and European Watchmaking,
lecture by Viscount Midleton ................................ 572-3
American Influence on English Machine Watch
Manufacture, lecture by David Penney .................. 258-9
American Horology and the British Market,
by Alun C. Davies ............................................. 829-44
American Military Timekeeping,
lecture by Philip Priestley .................................. 262-3
Chronometers and the American Market,
lecture by David Grace ....................................... 866
distribution in, of clocks and watches ............... 831, 833, 838
American Section, see AHS, American Section
American Watch Company (Waltham) ............... 835-8, 840, 842
American Watch Trust ......................................... 841
Ames, Richard, of London, lantern clock ............ 14, 168, 294
Amyot, Peter, of Norwich, watchmaker, will ......... 531
Anber (Auber?), Robert, of London, watchmaker, will .... 683
Anderson, Duncan, Modern Photographic Methods,
lecture .............................................................. 118-19

899

Antiquarian Horology
Anderson, John, of London, watchmaker, will .............. 683
Anderson, Joseph, of London, watchmaker, will ........ 683
Anderson, William, of Lancaster, watchmaker, will .... 531
André, Alfred, faker ........................................... 340
Andrews, Ezekiel, clockmaker, will .......................... 538
Andrews, Richard, of London, watchmaker, will ....... 683
Anglo-American Watch Company ................................ 258
Angoille, of Paris, mantel clock, tortoiseshell .......... 766
Anne of Denmark, portrait of ................................ 324
Anne, Princess of Orange ......................................... 358
anonymous
clock, musical mirror with automata ......................... 631
lantern clock.................................................. 606
Ansell, Edward, of Abingdon, clock & watchmaker, will... 526
Anson, Thomas ................................................ 213
Antiquarian Horological Society, see AHS
Apian, Peter .................................................... 348
longitude, methods for finding............................ 348
Apollo and Daphne, depiction of ................................ 318, 319
Apollo and Python, depiction of .............................. 318-21
Apollo, the Raven, and Coronis, depiction of .......... 318, 319, 325
Applebee, Mike .................................................. 268
Turret Clock Advising for Derbyshire, lecture .......... 877
Appley, Edmund, of London, watchmaker, will ....... 683
Archaeology and Horology, editorial by Dr Jeffrey Darken 171
Archer, of Stow-on-the-Wold, wall clock ............... 290
archive
Kullberg ......................................................... 48
Thwaites, and Thwaites and Reed ............................ 96
Archives, National ............................................... 524
Wills of Clock and Watchmakers On-Line from the National Archives
Part I: Provincial clockmakers proved in London .... 524-38
Part II: City of London and Middlesex (A-J) ........ 680-94
Part III: City of London and Middlesex (K-Z) ...... 804-17
Aremberg, Duc d ............................................ 369
Argyll, Duke of [2nd or 3rd] .................................. 33
Aris’s Birmingham Gazette ...................................... 209, 211
Armitage, Geoff .................................................. 268
armorial bearings
Robert Carr, 1st Earl of Somerset ............................ 323
Rumer, Ole ..................................................... 627
Armstrong, turret clock, Cragside .......................... 426
Arne, Thomas, Arthaxerxes .................................. 631
Arnfield, James (Jim) ......................................... 95, 621
Arnold, longcase regulator, no. 416, mahogany ...... 848
Arnold, John .................................................... 724
chronometer, marine
no. 12 .......................................................... 116
no. 14 ............................................................ 723
no. 14/104 ...................................................... 116
no. 15 ............................................................. 495
no. 22 ............................................................ 492, 493, 496
no. 30/120 ...................................................... 786
no. 53 ............................................................. 496
no. 56 ............................................................. 495
no. 80 ............................................................. 495
no. 148 ............................................................ 492, 493, 496
Arnold, John, continued, chronometer, marine, continued,
no. 274 .......................................................... 500
no. 293 .......................................................... 497
no. 316 .......................................................... 499
chronometer, pocket
no. 241 .......................................................... 495
no. 1925 .......................................................... 499
longcase regulator .................................................. 786
marine timekeepers ................................................. 366
Arnold, John Roger, of London ............................. 494
(of London and Chigwell), chronometer maker, will 683
Arnott, Phillipp
Chromometers on East India Company Ships
1800 to 1833 .................................................. 481-500
Percy Dawson Medal, 2007 ................................. 714, 864, 865
portrait of ......................................................... 865
Artaxerxes ......................................................... 631
artillery, timing of ................................................. 87
Artistry in Horology, Jeff Darken, Editor’s note .... 311
Ashbrooke, John, of London, clockmaker, will ....... 683
Asher, Benjamin, of London, watchmaker, will ...... 683
Ashmead, of Newnham, longcase clock ................. 477
Ashwin & Byrne, of Birmingham, dial maker ......... 472
Ashwin, Thomas, Birmingham dial maker .............. 470-1, 473
Aston, Thomas, of Birmingham, clock dial maker ... 478
Astronomer Royal, see Dyson, Sir Frank; Wolfendale, Sir Arnold
Astronomers versus Horologists, Dr John Taylor, lecture 249-50
astronomical clock
Cremona ........................................................ 716-17
Finney, of Liverpool ............................................. 121
Orpheus clock .................................................. 463
astronomical watch, Smith, S., & Son Ltd ............... 194
Athamas & Ino, depiction of .................................. 342
Atkins, George, of London, chronometer and clock and watchmaker, will 683
Atkinson, Richard ............................................. 682
ATO clock ......................................................... 269
Arwood fall machine, timing of ............................... 87
Auber, Albertus and Catherine Martha .................... 395
Auber? Anber, Robert, of London, watchmaker, will ... 683
Audemars, Louis, watches retail by J.W. Benson ....... 184
“Audience” clock, Janvier, Antide, of Paris ............ 771
Audoin, William, of London, clockmaker, will ....... 683
Augsburg, automaton clock .................................. 728
Auld, William, of Edinburgh, watchmaker, will ....... 537
Austria, Anne of .................................................. 346
Automata, The Magic of, lecture by Michael and Maria Start .... 254
automaton clock, see also dial, automaton
anonymous, Augsburg ........................................ 728
anonymous, musical mirror ................................... 631
Borrell, Henry, of London .................................... 656
Cox, James, of London ........................................ 639
bull clock ......................................................... 647
pagoda ............................................................ 650
peacock .......................................................... 649
automaton clock, continued,

Jaquet Droz, Henri-Louis, bird cage with music............. 641
Mahieu, of Coigne, iron chamber clock, 1596.............. 159
Marriott, John, of London, gardener’s boy................. 651
Pattison, John, of Halifax, longcase, balloon in arch....120
Philp, Henry, of London ........................................... 657
sing-song trade ........................................................ 631-4
Torckler, Peter, of London ........................................... 640-1
elephant........................................................................ 653
Upjohn, James, of London, carriage with watch......... 654
Urie, Walter, of Dundee, longcase.............................. 220
Weeks, Thomas, (and others) (stolen)......................... 132-3
Avenell, William, of Farnham, clockmaker, will........... 533

B

Back & Manson, merchant bank................................. 506
Bacon, George, of Southwark, watchmaker, will.......... 533
Bagnall, George, of Clerkenwell, watchmaker, will...... 683
Bailey, John, of London, watchmaker, will............... 683
Bailey, W.H., of Salford, turret clock......................... 874, 876
Bally, Jeremiah, of London, clockmaker, will............. 683
Baird, John, of London, clock and watchmaker, will..... 683
Baker & Son, Birmingham dial makers......................... 218
Baker, Edward Beckwith, of London, clockmaker, will...683
Baker, Richard, of Tamworth, Warwick, and Stafford, watchmaker, will................................. 533
Baker, Samuel, of Birmingham, dial maker............... 218, 659
balance, compensation
Beesley, R & G, of Liverpool, watch no. 23432........... 61
Bretting, Ulysse, of Le Locle..................................... 846
conceived by John Harrison......................................... 130
Dent, E. & Co.
no. 42687, lady’s gold cased lever.............................. 55, 56
Dent patent staple Z type ........................................... 6
influences on Le Roy................................................... 130
balance, high speed, 1/10 s, split second chronograph... 84-5
balance, mock-pendulum
Gib, William, of Rotterdam, watch no. 214............... 235
balance, size and frequency of.................................... 130
balance spring
direction of spiral.................................................... 822
The Early English Balance Spring Watch:
the hardware 1665–1677/8, by Martin Ball............... 818-28
Elginium....................................................................... 262
Hourier’s types, experiments and developments of..97, 98
isochronizing............................................................. 130
Robert Hooke and the Royal Society......................... 252
straight-line
anonymous................................................................... 818
le Maire, Jean, of Rome............................................. 818
Balance Spring Watch, letter from David Lea...............272
balance, stop mechanism
ten thousand second split second chronograph........... 84-5
Baldwin, F.W., of Craftfield, turret clock.................. 723

Ball, Cameron, Poston & Co., of Liverpool, dial maker.... 666
Ball, John, of Stony Stratford, clockmaker, will.......... 526
Ball, Joseph, of Liverpool, dial maker........................ 666
Ball, Martin
The Early English Balance Spring Watch:
the hardware 1665–1677/8.............................................. 818-28
related letters to Editor.................................................. 127-9
Rochie’s Horology, reply to letter............................. 127-9
Ballard, William, of Cranbrook, watchmaker, will....... 530
Ballard, William, of London, clockmaker, will.......... 683
balloon clock, Fladgate, John, of London, ¼ repeating....449
Bance, Matthew, of Hungerford, watchmaker, will........ 526
Banger, Edward, see Tompion, Thomas, and Edward Banger
banjo clock, Curtis / Dunning........................................ 13
Banks, Robert, of London, clockmaker, will.............. 683
Bannister, John, of London, watchmaker, will.......... 683
Baratte, Sophie........................................................... 321, 346
Barbault, Abraham, of Dublin, watchmaker, will....... 537
Barber & North, turret clock....................................... 726
Barber, Joseph, of Teddington, watchmaker, will........ 683
Barker, David............................................................. 417
AHS, Midlands Section, visit to Halifax.................... 419
Barker, of London, marble mantel clock...................... 302
Barker, William, of London, watchmaker, will.......... 683
Barlow, Edmund, of Chester, longcase clock dial........ 670-1
Barnacle, Randle William Groves, of Clerkenwell, clock and watchmaker, will.............................. 684
Barnes, Henry, painter.................................................. 212
Barnes, John, painter.................................................. 212
Barnes, John, pawnbroker.......................................... 212
Barnes, Samuel, of Kensington, watchmaker, will....... 684
Barnett, Dikes, of London, watchmaker, will.............. 684
Barnett, John, of London
clockmaker, will........................................................ 684
lancet clock............................................................ 450, 758
longcase clock, marquetry ........................................... 614
Barnett, Thomas George, jeweller of Birmingham........ 780
Barns, Joel, of London, watchmaker and goldsmith, will..684
Barnsdale [William?], of London................................. 514
barograph, from Shackleton’s 1907 Antarctic expedition..121
barometer
anonymous Louis XVI, French...................................... 142
Brace & Girdle........................................................... 154
Champion, stick......................................................... 566
Hallifax, John, of Barnsley, walnut, George I............ 465
holosteric................................................................. 123
McNeil, of London..................................................... 123
Miller and Adie......................................................... 566
Newman, of London.................................................. 123
Notes on the Patent, Functionality and Mechanisms
of the Portable Pillar Barometers by Daniel Quare,
by Richard Higgins.................................................... 787-97
Whitehurst, signpost.................................................... 569
Baronneau, Louis, of Paris
pendulum clock, private collection......................... 199, 204, 206, 207
Barr, Wendy............................................................. 245
AGM minutes 2008....................................................... 864
Secretary’s Notes....................................................... 410, 564

© 2011 Antiquarian Horological Society. Reproduction prohibited without permission.
Barraud, Sophie .......................................................... 321
Barraud and Lund, of London ......................................... 501
  regulator, longcase ................................................. 505
  synchronisation business ....................................... 501-5
  synchroniser .......................................................... 504
Barraud, of London
  chronometer
    nos. 207, 680 .................................................... 499
    nos. 772, 842, 871, 919 ........................................ 498
  chronometer, marine
    no. 78 ............................................................... 499
    no. 236 ............................................................. 488
    nos. 454, 456 .................................................... 497
    no. 473 ............................................................. 498
    no. 499 ............................................................. 496
    no. 563 ............................................................. 498
    no. 579 ............................................................. 497
    no. 731 ............................................................. 492, 498
    nos. 780, 797 .................................................... 498
    no. 814 ............................................................. 500
    no. 842 ............................................................. 489, 490
    no. 919 ............................................................. 492
    no. 941 ............................................................. 496
    no. 961 ............................................................. 498
    nos. 978, 987 ..................................................... 499
  chronometer, pocket
    no. 236 ............................................................. 499
    no. 496 ............................................................. 498
    nos. 586, 592 .................................................... 496
    no. 622 ............................................................. 498
    no. 850 ............................................................. 497
    no. 851 ............................................................. 500
  barrel, tandem ...................................................... 202
Barrett, Charles, of Shrewsbury, watchmaker, will .......... 532
Barrières, of London, watchmaker, will ......................... 628
Barritt, Charles, of London, watchmaker, will ............... 684
Barrow, John .......................................................... 645
Barrow, Nathaniel, of London ...................................... 827
Bartky, Ian R., *One Time Fits All*, reviewed ................. 706
Barton, Elizabeth ..................................................... 682
Barton, John, of London ........................................... 682
Barton, John, of Saffron Walden, watchmaker, will .......... 528
Barts, George Fredrick, of London, watchmaker, will ..... 684
Barwise, John, of London, watchmaker, will ................. 684
Barwise, of London, carriage clock, repeating, c. 1840 .... 2
Baskerville, Simon, of London, watchmaker, will .......... 684
  basket top bracket clock
Burgis, Edward, alarm, ¼ repeating ................................ 106
Stevens, George, of London, tortoise-shell case .......... 307
Batavian Society (Bataafs Genootschap) ......................... 546-7
Bateman, Douglas A., *For your further reading* ......... 136, 386, 883
Bates, Thomas, of Market Harborough, watchmaker, will 531
Batten, John, of London, clockmaker, will ................. 684
Battey, Charles, of Salisbury, watchmaker, will .......... 536
Beard, James, of Tonbridge, watchmaker, will .... ........ 530
Beavington, William, of Stourbridge, watchmaker, will .. 537
Beavis, George, of London, watchmaker and lorriner, will 684
Beck, Christopher, of London, watchmaker, will .... .... 684
Beck, Richard, of London, clockmaker, will ............... 684
Beeley, R & G, of Liverpool, watch no. 23432 ............. 60-2
Beliard, François, rhinoceros clock with musical box....... 655
Bell, Benjamin, of London, clockmaker, will ............... 684
Bell, Joseph, of Norwich, watchmaker, will ................. 531
Bella, Prof. João Antonio dalla ................................... 34
  bells of Devon ..................................................... 98-100
Belmont House, AHS visit ........................................ 422
Belville family ....................................................... 727
Belville, Ruth ........................................................ 415
Benbow, Thomas, of Prees, watchmaker, will .......... 532
Benech or Beneche, John, of London .......................... 389, 390
  Benedict, Samuel W., of New York
    bill, 1853, for gold lever watch no. 4334 .......... 60
Bennett, Dr J. A. (Jim) ............................................. 176
  The Brief Infamy of Thomas Upton: ‘citizen’, watchmaker,
  and inventor of the Pop-Gun Plot, 1794–6, lecture ... 250-1
  Bennett, John, of Bristol, watchmaker, will ............. 528
  Bennett-Levy, Michael ........................................ 413
  Bennett, Mansell, of London, watchmaker, will ....... 684
  Benninworth, Thomas, of St Albans, watchmaker, will . 529
  Benson, James W., of London
    Calendar watch .................................................. 184
    calendar watch ............................................... 190
    carriage clocks, c. 1870 ..................................... 186
    catalogues ..................................................... 182, 184-91
      Complicated Watches, c. 1885 ........................ 188
      Turret Clocks, c. 1882 .................................... 186
    Watches .......................................................... 184, 185
    Wristlet Watches, c. 1935 ................................. 189
    Chronograph watch ........................................... 184
    Field watch ..................................................... 190
    Meridian watch ................................................. 184
    Perpetual watch ................................................ 184
    prices ............................................................... 187
    regulator .......................................................... 187
    turret clock
      Bermuda ........................................................ 124
      Lichfield Guildhall ........................................ 568
      watch factory ............................................... 190
      watch strap converter .................................... 190
      Bentinck, Hon. John ........................................ 682
      Bentley's patent, electric longcase clock .............. 13
      Berliner, Emile, recording device ....................... 255
      Bermuda
        Clockhunting in Bermuda, Dr E. Cloutman, lecture .. 123-4
        Bernard, Nicolas junior, of Paris ..................... 330

  For your further reading
  ................................................................. 136, 586, 883

  Prices
  ................................................................. 187
Bernard, Nicolas, of Paris
enamel cased watches..................329-33
watch, later rock crystal case........332-4
Berresford, Thomas, of London, watchmaker, will........684
Beridge, William, of London, watchmaker, will........684
Berrie, Margaret, of London, watchmaker, will........684
Berrollas, Joseph Anthony, of Denmark St, London
patent 3174, (1808) repeating watches........95
Berry, Frances, of Northampton, watch........803
Berry, John, of Canterbury, clockmaker, will........530
Berry, John, of London, watchmaker, will........684
Berry, Robert, of Hitchin, clockmaker, will........529
Berthoud, Ferdinand
chronometer, marine, no. 49...........116
Essai sur l’Horlogerie (1763).............35
Bertolla, Bartolomeo Antonio, of Trento, workshop........717
Bertrand, Robert, of London, watchmaker, will........684
Beryl-X, alloy.............................................262
Best, Thomas, of Lewes, watchmaker, will........535
Better, deck watch..............................727
Betts, Jonathan.....................................621
Birth of the Chronometer, 1750–1800, lecture........570
Clockfest at the Museum of the History of Science,
Oxford.....................................................172, 175
Harrison’s inspiration, letter..........582-3
John Hyacinth de Magellan (1722–1790)
Part 3: The later clocks and watches........25-44
Part 4: The Precision Pioneers...........365-75
photograph of...........................................175
Pierre Le Roy and the Chronometer, letter....129-31
Time Restored: The Life and Work of R.T. Gould
(1890–1948), lecture..............................411-12
The Timekeepers of Thomas Mudge and the
Manufactory of Thomas Mudge Junior, lecture........866
Betts, Jonathan, and Peter Linstead-Smith
The Greenwich Naval Hospital Clock, lecture........265
Beyans, John, of Montgomery, clockmaker, will........537
BHI, see British Horological Institute
Bickley, Henry
handbill, practical watchmaking classes........51
pen portrait of Victor Kullberg, of London..........45-7
Biddle, Joseph, of London, watchmaker, will.........684
Bildlake, James, of London, watchmaker, will........684
Big Ben, see Westminster, Great Clock
Biggs, Richard, of Romsey, watchmaker, will......529
Bijland, Captain L. Grave van..................360
Bilbie, Edward, longcase clock, 30 hour, dial........124
bill
Addiss, William, of London, 1769, 8 day mahogany
longcase clock..................53, 55
Benedict, Samuel W., of New York, 1853,
gold lever watch no. 4334..................60
Bond, W. F., bicycle factor and inventor of ‘Early Bird’
electrical alarm clock.........................61, 63
Bracebridge, E. C. & Co., 1855,
executors of the late Hay Mercer............55, 57
Camerer & Co., clock repair..................55
Delander, Daniel, clock and watch repairs........54, 55
bill, continued,
Dent, E. & Co., 1895
watch, no. 42687, 1895, lady’s gold cased.......55, 56
McCrossan, Joseph, Glasgow, 1863, clocks........61, 62
Billinge, William, of Liverpool, watchmaker, will.....531
bimetal, Frédéric Houriet’s use of for thermometer......97
Binggelly, Henry.................................877, 878
Binnis, the House of the, visit by Scottish Section.....566
Birchall, William, of Clerkenwell, watchmaker, will.....684
Birchall, William, of London, watchmaker, will.......684
bird-cage clock, probably by H-L. Jaquet Droz........641
Bird, Clifford.................................722-3
lecture report........................................121
Watch Stands, lecture..........................871
Bird, Derek..........................................729
Bird, John, of London, watchmaker, will.............684
Bird, Michael, of London, watchmaker, will........684
Bird, Tony, Horological Tools, lecture.............263
Birmingham
18th and early 19th century..................210
Aris’s Birmingham Gazette......................209, 211
Birmingham Dialmakers: Some Biographical Notes,
by John A. Robey
Part I..............................................209-22
Part II...............................................470-80
Gun Quarter.................................210
parishes of......................................210
Bischofer-Scherer, Ursula, see Horley, Bischofer-Scherer and Kägi
Bishop, John, of London, watchmaker, will........684
Bissert, chronometer, no. 602.....................500
Blackburn, Robert, of London, watchmaker, will.....684
Blackburn, Stephen, of Oakham, clockmaker, will.....532
Blackford, Anthony, of Warwick
longcase clock, verge, ebony architectural........617, 765
Blackwell, Dana J., obituary of, by Alan Smith.....468
Blake, John, of Croydon, watchmaker, will..........533
Blanchard, Abraham, of London
longcase clock, 3-train red lacquer.............603
Blarchley, Thomas, of Bermuda, longcase clock.......124
Blaylock, of Carlisle, turret clock, dated 1838......266
Blethen, William, of Pembroke, clockmaker, will.....537
Bligh, Captain William...........................864, 865-6
Bliss, John & Company, of New York...............262
Blondel, Nicolas, of Guernsey....................738, 887
Bluck, William, of London, watch and clockmaker, will...684
Blundell, Henry, of London, clockmaker, will........684
Blundell, John, of East Greenwich, watchmaker, will....530
Blundell, Richard, of London, clockmaker, will........684
Blundy, Joseph, of Cheshunt, watchmaker, will.......529
Bly, Christopher, of London, watchmaker, will........685
Bodle, Thomas, of Reigate, watchmaker, will...........533
Boeckh, Hans, French Literary Themes on 17th Century
Watches, Dingwall-Beloe lecture, 2007, advertised....292
Boerhaave, Herman..............................354
Bolton, John, of London, watchmaker, will........685
Bond, W.F., of London, bicycle factor and inventor of
‘Early Bird’ electrical alarm clock, bill, 1898........61, 63
Bond, William & Son, of Boston, chronometer makers....262
book review
Barkly, Ian R., *One Time Fits All* ........................................... 706
Davies, Edmund, *Greater Manchester Clocks and Clockmakers* ........................................... 236-7
Flores, Joseph, *Le Comptet Éclectisique de Frédéric Klinghammer* ........................................... 857
Forrester, Mark, *The Clockmakers of Oldham* ........................................... 237
Lester, John (ed.), *Mrs Crowley's Sundial Sketchbooks of Devon and Cornwall* ........................................... 856-7
Loomes, Brian, *Watchmakers and Clockmakers of the World* ........................................... 236
Miles, R.H.A., and Martin Ridout, *Brillié Électric Clocks* ........................................... 548
Powell, Edward, et al, *Your Time* ........................................... 705-6
Sabrier, Jean-Claude, *Frédéric Houriet, Le père de la chronométrie suisse* ........................................... 97-8
Thompson, David, *The British Museum Watches* ........................................... 855-6
Warwick, Adrian, *Collecting Clock Memories* ........................................... 402
Wenzel, Johann, *Die Astronomisch-geographische Uhr von Pater Thaddäus Rinderle* ........................................... 401-2
Boory, Alexander, of London, watchmaker, will .......... 685
Borrell, Henry, of London, musical automaton clock .......... 656
Borrell, John Henry, of Clerkenwell, watch and clock manufacturer, will .......... 685
Bowley, Joseph, of London, watchmaker, will .......... 685
Bostock, Thomas, of Sandbach, longcase clock dial .......... 673-4
Boston Clock Co., wall clock, drop dial .......... 13
Botteley or Bottely, John, of Birmingham, watch chain maker, will .......... 535
Boule, André Charles, workshop casework of religieuse clock, Jean Le Maire, of Paris .......... 9
Boulton, Matthew, mantel clock 'Minerva', stolen .......... 750
Bouquet, Solomon, of London, clockmaker, will .......... 685
Bour, Henry, of Rye, watchmaker, will .......... 535
Bovet of Fleurier, watch, centre-seconds duplex .......... 638
Bowen, John, of London, watchmaker and jeweller, will .......... 685
Bowen, Thomas, of Coity, watchmaker, will .......... 537
Bowles, Joseph, of Wimborne Minster, watchmaker, will .......... 527
Bowles, Samuel, of Wimborne Minster, watch and clockmaker and silversmith, will .......... 527
Bowly, Devereux, of London, clockmaker, will .......... 685
Bowyer, William, of London, lantern clock .......... 617
Brace & Girdle, barometer ........................................... 154
Bracebridge, E. C. & Co., of London bill 1855

<table>
<thead>
<tr>
<th>Description</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>gold lever watch no. 32525</td>
<td>57</td>
</tr>
<tr>
<td>silver lever hunter watch no. 32402</td>
<td>57</td>
</tr>
<tr>
<td>silver lever watch, nos. 32405, 32536, 32537, 32851, 32908</td>
<td>57</td>
</tr>
</tbody>
</table>
| Bracebridge, Edward, of Clerkenwell, watchmaker, will .......... 685 | |}

Bracket clock, continued.
Bull, William, of London, perpetual calendar, lunar dial, bolt and shutter .......... 588
Burgis, Edward, alarm, ¼ repeating .......... 106-7
Cattell, William, ebonised, ¼ repeating .......... 104-5
Craze, William, of London, tortoise-shell and silver .......... 387
Davis, John, of New Windsor, chiming .......... 727
De Charmes, Simon, of London, lacquered case, musical .......... 146
Desbouës & Wheeler, London, mahogany, (Ravenswick Hall collection) .......... 14
Duchesne, Claude, of London, musical .......... 381
Ellicott, John, of London .......... 165
Ellicott, of London, ebonised chiming .......... 442
Emery, Josiah, ebonised case precision .......... 372-3
Fennel, Richard, of Kensington, burr yew case .......... 11
Gould, Christopher (Knibb style) .......... 144
Gretton, Charles, of London, moon-phase dial .......... 428
Hammant, Thomas, of London, silent verge escapement .......... 599
Johnson, John, of Grays Inn Passage .......... 294
Jourdain, of London, various .......... 400
Knibb, Joseph .......... 728
Knibb, Joseph, of London cross linking strike .......... 5
ebony, ¼ repeating .......... 774
ebony veneered .......... 284
Markwick Markham, of London, ¼ repeating, green lacquer .......... 754
Massy, Henry, London, tortoise-shell case, ¼ repeating .......... 169
Miller, Frederick, musical, miniature .......... 892
Monro, George, of Edinburgh .......... 566
Mudge, Thomas & Dutton, William, triple pad top .......... 147
Perigal, Francis, of London, ebony .......... 606
Perry, Henry, of London .......... 297
Prevost, Jean, of Paris .......... 566
Quare, Daniel, and Stephen Horsemant no. 176, ¼ repeat, date, strike/silent, regulation .......... 596
no. 229, ebony, ¼ repeat, date, strike/silent, regulation .......... 618
Quare, Daniel, of London ebony, ¼ repeating .......... 17, 611
long duration, 6-bell ¼ repeat .......... 440
silver mounted .......... 289
Robin .......... 725
Russell, Thomas, of London, oak and ceramic, ¼ chiming .......... 722
Saddleton, of Kings Lynn .......... 723
Shaw, John, of Holborn, basket top .......... 286
Smith, Joseph, of Chester, walnut ¼ repeat timepiece .......... 449
Stevens, George, of London, tortoise-shell case, basket top .......... 307
Stones, Thomas, of London .......... 615
Strahan, John, of Hull, mahogany .......... 449
Thompson, of London .......... 566

© 2011 Antiquarian Horological Society. Reproduction prohibited without permission.
Brockbank & Atkins, continued,

Brockbank, John Edward, of London, chronometer and watchmaker, will..................... 685
Brockbank, John, of London, chronometer maker, will....................................................685
Brockbank, Myles, of London, watchmaker, will.........................................................685
Brockbanks, of London chronometer
no. 823 (810).................................................................................. 499
chronometer, marine
no. 701 ...................................................................................... 499
no. 756 .................................................................................... 492, 493, 496
watch no. 5581, half-quarter repeater .................................................. 228-31
Brocot, L.G., of Paris, regulator, table, coup perdus...................................... 771
Brodie, Francis, Principles of Lacquering, lecture ............................................. 125-6
Brogden, James, of London, watchmaker, will....................................................685
brooches for watches, Dent, E. & Co. catalogue ........................................................ 181
Brook, Thomas, of Coventry, watchmaker, will............................................. 535
Brooks, Robert, of London, clockmaker, will....................................................685
Brouncker, Lord, PRS .................................................................................. 324
Brown, Christopher, of London, clockmaker, will...........................................685
Brown, James, of London, watch and clockmaker, will........................................685
Brown, J.C., shelf clock ................................................................................. 13
Brown, Thomas, of Birmingham, clock and watchmaker, will..........................536
Brown, William, of Coventry ........................................................................... 122
Browne, Robert, of London, clockmaker, will....................................................538
Bruce, John, and Son, marine chronometer, no. 30/120.................................786
Bruhl, Hans Moritz, Count von........................................................................ 723
portrait of.............................................................................................. 365
Brulefer, John, of Jersey, clockmaker, will........................................................ 537
Brusa, Giuseppe, see Allix, Charles, and Giuseppe Brusa
Bryan, John, of London, watchmaker, will.........................................................685
Bryan, Samuel, of London, clockmaker, will.....................................................685
Bryand, James, of London, watchmaker, will....................................................685
Bryant & Son, of London, bracket clock (stolen)...............................................432
Bryson, Robert, of Edinburgh, sidereal regulator ............................................. 567
Buchan-Hepburn, Sir Archibald, Bt .................................................................. 324
Buckenhill, John, of Worcester, watchmaker, will.............................................537
Buckingham, Bob .........................................................................................723
Buckingham Palace, Eardley Norton, musical clock, 1765.......................... 88
Buckmaster, William, of Royston, clock and watchmaker, will...................... 529
Bucksher, John, of London, watchmaker, will................................................ 685
Budgen, William, of Croydon, clock smith, will..............................................534
Buggins, Thomas......................................................................................... 512, 521
Bull, Edmund, of London, blacksmith, will....................................................685
Bull, Randolph, of London, goldsmith, will.......................................................685
Bull, William, of London, bracket clock, perpetual calendar, lunar dial, bolt and shutter .......... 588
Bull, William, of Stratford, watchmaker, will....................................................528
Bulle clock.................................................................................................749, 877-8
Bullock, James, of London.................................................................................. 34
Bullock, John, of Bishops Waltham, watchmaker, will....................................529
Bullock, William, casemaker, Joseph White & Son, of Coventry & London, watch no. 38710 .........................................................446
Bulman, Thomas, of Hampstead, watchmaker, will........................................685
Bulova, tuning fork watch.................................................................................. 568

Brockett, William, of London, watchmaker, will............................................. 685
Brooks, Robert, of London, clockmaker, will....................................................685
Brooklyn, Thomas, watchmaker, will............................................................. 685
Brooke, R. E. & Co., pocket watch ................................................................. 247-8
Broome, Robert, of London, watch and clockmaker, will...............................536
Brookhouse, John, of London, watchmaker, will............................................. 685
Brookes, Robert, of London, clockmaker, will....................................................685
Brooks, Robert, of London, clockmaker, will....................................................685
Brookshere, John, of London, watchmaker, will............................................. 685
Brown, James, of London, watchmaker, will....................................................685
Brown, John, of London, watchmaker, will....................................................685
Brown, Samuel, of London, clockmaker, will....................................................685
Brown, William, of London, watchmaker, will..................................................536
Browne, Robert, of London, clockmaker, will....................................................538
Bruce, John, and Son, marine chronometer, no. 30/120.................................786
Bruhl, Hans Moritz, Count von........................................................................ 723
Bull, William, of London, bracket clock, perpetual calendar, lunar dial, bolt and shutter .......... 588
Bull, William, of Stratford, watchmaker, will....................................................528
Bulle clock.................................................................................................749, 877-8
Bullock, James, of London.................................................................................. 34
Bullock, John, of Bishops Waltham, watchmaker, will....................................529
Bullock, William, casemaker, Joseph White & Son, of Coventry & London, watch no. 38710 .........................................................446
Bulman, Thomas, of Hampstead, watchmaker, will........................................685
Bulova, tuning fork watch.................................................................................. 568

Brockbank & Atkins, continued,

Brockbank, John Edward, of London, chronometer and watchmaker, will..................... 685
Brockbank, John, of London, chronometer maker, will........................................ 685
Brockbank, Myles, of London, watchmaker, will..................................................685
Brockbanks, of London chronometer
no. 823 (810).................................................................................. 499
chronometer, marine
no. 701 ...................................................................................... 499
no. 756 .................................................................................... 492, 493, 496
watch no. 5581, half-quarter repeater .................................................. 228-31
Brocot, L.G., of Paris, regulator, table, coup perdus...................................... 771
Brodie, Francis, Principles of Lacquering, lecture ............................................. 125-6
Brogden, James, of London, watchmaker, will....................................................685
brooches for watches, Dent, E. & Co. catalogue ........................................................ 181
Brook, Thomas, of Coventry, watchmaker, will............................................. 535
Brooks, Robert, of London, clockmaker, will....................................................685
Brouncker, Lord, PRS .................................................................................. 324
Brown, Christopher, of London, clockmaker, will...........................................685
Brown, James, of London, watch and clockmaker, will........................................685
Brown, J.C., shelf clock ................................................................................. 13
Brown, Thomas, of Birmingham, clock and watchmaker, will..........................536
Brown, William, of Coventry ........................................................................... 122
Browne, Robert, of London, clockmaker, will....................................................538
Bruce, John, and Son, marine chronometer, no. 30/120.................................786
Bruhl, Hans Moritz, Count von........................................................................ 723
portrait of.............................................................................................. 365
Brulefer, John, of Jersey, clockmaker, will........................................................ 537
Brusa, Giuseppe, see Allix, Charles, and Giuseppe Brusa
Bryan, John, of London, watchmaker, will.........................................................685
Bryan, Samuel, of London, clockmaker, will.....................................................685
Bryand, James, of London, watchmaker, will....................................................685
Bryant & Son, of London, bracket clock (stolen)...............................................432
Bryson, Robert, of Edinburgh, sidereal regulator ............................................. 567
Buchan-Hepburn, Sir Archibald, Bt .................................................................. 324
Buckenhill, John, of Worcester, watchmaker, will.............................................537
Buckingham, Bob .........................................................................................723
Buckingham Palace, Eardley Norton, musical clock, 1765.......................... 88
Buckmaster, William, of Royston, clock and watchmaker, will...................... 529
Bucksher, John, of London, watchmaker, will................................................ 685
Budgen, William, of Croydon, clock smith, will..............................................534
Buggins, Thomas......................................................................................... 512, 521
Bull, Edmund, of London, blacksmith, will....................................................685
Bull, Randolph, of London, goldsmith, will.......................................................685
Bull, William, of London, bracket clock, perpetual calendar, lunar dial, bolt and shutter .......... 588
Bull, William, of Stratford, watchmaker, will....................................................528
Bulle clock.................................................................................................749, 877-8
Bullock, James, of London.................................................................................. 34
Bullock, John, of Bishops Waltham, watchmaker, will....................................529
Bullock, William, casemaker, Joseph White & Son, of Coventry & London, watch no. 38710 .........................................................446
Bulman, Thomas, of Hampstead, watchmaker, will........................................685
Bulova, tuning fork watch.................................................................................. 568
Bumstead, Robert, of London, watchmaker, will ............685
Bundock, Mike
  Church clock, St Mary of Charity, Faversham, Kent. ......96
  Turret Clock History and Research, lecture ..................876-7
  Turret Clocks of the 19th Century, lecture ....................116-17
Burattinij, Tito Livio...................................................197
Burch, William, of Maidstone, watchmaker and silversmith, will .....................530
Burchell, William Silvanus, of Northampton, watchmaker and goldsmith, will .....................532
Burd, Edward, Handley & Moore (letter, research request).429
Burges, John, of Southwark, silversmith and watchmaker will .....................534
Burgis, Edward, bracket clock, alarm, ¼ repeating ...................106-7
Burgis, George, of London, watchmaker, will ...................685
Burlingham, John, of Kings Lynn, watchmaker and silversmith, will .....................531
Burn, Peter, of Clerkenwell, watchmaker, will ...................685
Burns, James, of London, watchmaker and jeweller, will ...685
Burpurt, John, of Southwark, clockmaker, will ...................685
Burris, George, attorney .................................................221
Burt, William, of Deptford, watchmaker, will ...................530
Burton, Francis, of London, watchmaker, will ...................685
Burton, John, of London, watchmaker, will ...................686
Burwell and Carter, of Bristol, Conn., calendar mantel clock .....................567
Büsschman, Aug., name on watch .......................................337, 338
Bushman, John, of London, watchmaker, will ...................686
Butcher, William, of London, watchmaker, will ...................686
Buxton, David, Restoring Painted Dials, lecture ............261-2, 423
Bylandt, Frederik Sigismund, Count van ........................................375
Byrne, Francis, Birmingham dial maker ........................471-3, 474
Byron, Robert, chaplain at Antwerp ...............................846-7
C
  cabinet maker, see also case maker, clock
  Cabrier, Charles, of London, clockmaker, will (1736)........686
  Cabrier, Charles, of London, watchmaker, will (1776) ....686
  Cackett, Thomas, of Cranbrook, watch and clockmaker, will .....................530
  calendar, annual
    Davis, John, of Windsor, longcase clock .....................734
    Finney, of Liverpool, astronomical clock ....................121
    French ormolu mantel clock, sweep seconds ..................769
    Kaye, John, of Liverpool, longcase clock .....................551
    Lepaute, J.J., of Paris, longcase regulator ....................770
    Wood, John, of Liverpool, longcase clock .....................879
  calendar clocks and watches ........................................567-8
  calendar dial, see dial, calendar
  calendar, ecclesiastical
    ecclesiastical computer (model of Schwilgué’s) ................857
    Wood, John, of Liverpool, longcase clock .....................879
  calendar, perpetual
    Benson, J.W., watch ..............................................184
    Breguet, of Paris, watch no. 2649 ..............................304
    Bull, William, of London, bracket clock .....................588
    Burwell and Carter, of Bristol, Conn., mantel clock ..........567
  calendar, perpetual, continued,
    Coates, G., of London, carriage clock, walnut cased .......748
    Callin, John, lecture report ......................................120-1
    Camden, William, of London, clockmaker, will .............686
    Camerer & Co.
      bill for clock repair, 1835 ......................................55
    Camerer & Co. Ephemeris
      letter from Terence Camerer Cuss ..............................271
    Camerer Cuss & Co. .................................................55, see also Camerer & Co.
    Camerer Cuss, Terence, Camerer & Co. Ephemeris, letter .271
    Cameron & Poston, of Liverpool, dial maker .................666
    Cameron, James, of Liverpool, dial maker .....................666
    Cameron, Poston & Exbury, of Liverpool, dial maker ......666
    Camfield, Thomas Baker, of Tunbridge Wells, watchmaker, will .....................530
    Campbell, Gregor
      lecture reports .............................................118, 253-5, 566-7, 721, 867-8
      tour report .........................................................414
      candlestick, with French VAP movement .......................120
    Cannon, John, of London, clockmaker, will ...................686
    Canterbury, Prerogative Court of ................................524
    Canton .................................................................630, 644
    Capell, James, of Birmingham, gold watch hand maker, will .....................536
    Capt, Jules, see Nicole & Capt
    Cardiff
      Clocks of Cardiff, lecture by Bill Linnard ......................577
      visit by Turret Clock Group ....................................576-7
    Careswell, Francis, of Shrewbury, watchmaker, will ........332
    carillon, see also musical clock, tune barrel
      Bournville ..........................................................870
    Carley, Enoch, of Bungay, watchmaker, will ...................533
    Carley, George & Co., of London, note to Joseph Preston & Sons ......................179
    Carmalt, John, of Ringwood, watchmaker, will ................529
    Carpenter, William, of London ......................................643
    Carr, Robert, 1st Earl of Somerset ................................324
    armorial bearings ....................................................323
    carriage clock
      Barwise, of London, repeating, c. 1840 ...........................2
      Benson, James W., of London ......................................186
      Coates, G., of London
        walnut cased, perpetual calendar, fusee, ¼ striking ..........748
        French, alarm, bamboo style case, porcelain panels ......609
        Le Roy, of Paris ..................................................160
      McMaster & Son, of Dublin, no. 3666, ¼ striking, duplex ........453
      Payne, of London, ¼ striking ......................................455
      Richard et Cie, grande-sonnerie ................................152
      Vulliamy, Benjamin Lewis, no. 1239, striking ...............453
    Carrington, Richard, astronomer ...................................249
    carte-de-visite
      Victor Kullberg, of London, photographic portrait ........45, 47
    Carter, John, of London, clockmaker, will .....................686
    Carter, Thomas, of London
      longcase clock, arabesque marquetry ....................................155
      watchmaker, will ....................................................686
Carter, William, of Bermondsey, clock and watchmaker, will ........................................ 534
case, longcase, see also lacquered case; marquetry case
Fromanteel, Ahasuerus, 'Oxford', construction of ........................................ 780
Vauxhall mirror door .......................................................... 757
case maker, clock, workshop of André Charles Boulle ........................................ 9
case maker, watch, see watch case maker
case, split seconds chronograph ........................................ 87
Cass, Thomas, of London, watchmaker, will ........................................ 686
Cassini ............................................................................. 250
catalogue
Benson, James W., of London ........................................ 182-91
Bravingtons, of London ................................................ 191
Dent, E. & Co. .......................................................... 179-80
Dent, J.B. & Sons .......................................................... 182
Lancashire Watch Company, 1898 ........................................ 192-3
Cathart, Charles, embassy to China, 1787 ........................................ 726
Cartell, William, bracket clock, quarter repeating ........................ 104-5
Causton, Robert, of St Albans, silversmith and watchmaker, will ........................................ 529
Cawley, Robert, of Chester, watchmaker, will ........................................ 527
centre-seconds hand, see dial, centre-seconds
Ceyx, King of Trochis .................................................. 342
Chadwick, Joseph Lewis, of Coventry, watch jeweller, will ........................................ 536
Chalon, Jean Jacques, of Bromley, watchmaker, will ........................................ 530
chamber clock, see clock, iron-framed chamber
Chamberlain, John, of Hertford, clock and watchmaker, will ........................................ 529
Chamberlaine, Nathaniel, of London, clockmaker, will ........................................ 686
Chambers, Sir William ............................................................................. 649
Champion, Denis, of Paris, pendulum clock ........................................ 199, 294
Champion, stick barometer ............................................................................. 566
Champlin, Captain Henry L. ............................................................................. 151
Channing, Benjamin, of Belchamp St Pauls, watchmaker, will ........................................ 528
Chantler, Thomas, of London, clockmaker, will ........................................ 686
Chantler, William, of London, watchmaker, will ........................................ 686
Chapelle, Kenneth ............................................................................. 566
Chapman, Daniel, of Chatham, watch and clockmaker, will ........................................ 530
Chapman, Dr Allan
George Graham, lecture ........................................ 720-1
photograph of ............................................................................. 24
Chappell, Thomas, of London, clock and watchmaker, will ........................................ 686
Charterhouse, London .......................................................... 393-4
Chassereau, Robert Edward, of Clerkenwell, watchmaker, will ........................................ 686
Chater, Eliezer, of London, watchmaker, will ........................................ 686
Chelsea Marine Clock Company, Chelsea, Mass ........................................ 262
Chevallier, Professor Temple, astronomer ........................................ 249
Child, Lawrence, of Clerkenwell, refiner, watch and clockmaker, gold and silversmith, will ........................................ 686
Chilton, Thomas, of London, clockmaker, will ........................................ 686
chime barrel (church, for tunes), see carillon; tune barrel

chiming, quarter, see also striking, quarter
anonymous, skeleton clock ........................................ 768
Carter, Thomas, of London, longcase clock ........................................ 155
Dent, Edward & Co., no. 43823, longcase clock ........................................ 160
Ebsworth, John, of Louthbury, lantern clock ........................................ 14
Elicott, of London, ebony bracket clock ........................................ 442
Forsyth, James, of London, longcase clock ........................................ 613, 884
Lorij of Paris, lantern clock, single hand ........................................ 575
Russell, Thomas, of London, bracket clock, oak and ceramic ........................................ 722
Thompson, of London, bracket clock ........................................ 566
chiming, quarter, from striking train
Cobham, Joseph, of London ........................................ 120
Whitehurst, John, of Derby ........................................ 120
China
clockmaking in .......................................................... 645
The Sing-Song-Trade: Exporting Clocks to China in the Eighteenth Century, by Roger Smith ........................................ 629-58
Chitqua, Cantonese artist ............................................................................. 648
Chittenden, Isaac, of Yalding, watch and clockmaker, will ........................................ 530
Christ Carrying the Cross, depiction of ........................................ 337
Chronograph by Craighed & Webb, letter from Geoffrey Crabtree ........................................ 272-3
chronograph, pocket
Benson, J.W. ............................................................................. 184
Breguet, of Paris, watch no. 2649 ........................................ 304
Frosham, Charles, no. 07328 ........................................ 602
chronograph, self-recording ........................................ 502
chronograph, split seconds
Clerke, Frederick William, of London, no. 2829 ........................................ 82-7
balance, high speed, tenth second ........................................ 84-5
balance stop mechanism ........................................ 84-5
brake wheel ............................................................................. 85-6
hands ............................................................................. 82-3, 85, 86, 87
operation of mechanism ........................................ 84-6
primary hand, mushroom extension ........................................ 85-6
Craighed & Webb, no. 2309 ........................................ 272-3
An Unusual Split-second Chronograph made by Clerke, 1 Royal Exchange, London, by Mike Cowham ........................................ 82-7
chronometer, marine, see also deck watch; timekeeper, marine
AHS study session at British Museum ........................................ 115
belonging to East India Company ........................................ 489, 492-4
Birth of the Chronometer, 1750–1800, lecture by Jonathan Betts ........................................ 570
Chronometers and the American Market, lecture by David Grace ........................................ 866
Chronometers on East India Company Ships 1800 to 1833, Phillip Arnot ........................................ 481-500
fundamental principles ........................................ 129-31
listed in East India Company records ........................................ 495-500
chronometer, marine, by
Arnold, John
no. 12 ............................................................................. 116
no. 14 ............................................................................. 723
no. 14/104 ............................................................................. 116
no. 22 ............................................................................. 492, 493, 496
no. 30/120 ............................................................................. 878
no. 53 ............................................................................. 496
chronometer, marine, by, continued,

Arnold, John, continued,
  nos. 56, 80..........................495
  no. 148.................................492, 493, 496
  no. 274.................................500
  no. 293.................................497
  no. 316.................................499

Barraud, of London
  no. 78.................................499
  nos. 454, 456..........................497
  no. 473.................................498
  no. 499.................................496
  no. 563.................................498
  no. 579.................................497
  no. 731.................................492, 498
  nos. 780, 797..........................498
  no. 814.................................500
  no. 842.................................499
  no. 919.................................492
  no. 941.................................496
  no. 961.................................498
  nos. 978, 987..........................499

Berthoud, Ferdinand, no. 49.........................116

Brockbank & Atkins
  nos. 487, 619..........................496
  no. 925.................................500

Brockbanks of London
  no. 701.................................499
  no. 756.................................492, 493, 496

Bruce, John, and Son, no. 30/120.......................786

Clerke, Frederick William, of London, no. 1768.......87

Dent, E. & Co. catalogue.........................180

Dent, of London
  no. 5105.................................6
  no. 51033 (51035).........................6

Earnshaw, Thomas
  nos. 234, 246, 313, 345................495
  no. 377.................................496
  no. 437.................................492, 496
  no. 456, 472...........................496
  no. 509.................................116, 723
  nos. 524, 549, 706, 737...............496
  no. 2264.................................116

Frodsham & Baker, of London, 1855....................8, 166

Hamilton Watch Company, model 21....................262

Harris, Clement, no. 678............................499

Hatton, James, no. 270..............................497

Kullberg, Victor, of London
  1931........................................437, 610
  no. 488, trade card mention..................47
  no. 4656, 8-day...........................614

Margett's, George, of London
  no. 177.....................................493, 497
  no. 210.....................................497
  no. 211.....................................492, 493, 496

Mercer, Thomas, Ltd.................................725

chronometer, marine, by, continued,

Mudge, Thomas
  no. 1............................................723, 786
  no. 4............................................786
  'Blue'............................................441, 786
  'Green'............................................786

  Mudge Timekeeper, 'Green'; lecture
  by Anthony Randall.........................722

Parkinson & Frodsham, of London
  nos. 145, 146..............................499
  Poole, John, of London, no. 2867.............762
  Tobias, Morris, of London, no. 134............499
  Ulrich & Co., of London, no. 2................116
  Widenham, of London, no. 4825...................116
  Young, Charles, no. 146, flat spring............116

chronometer, pocket
  East India Company's property....................488, 489
  listed in East India Company records.........495-500

chronometer, pocket, by

Arnold, John
  no. 241.....................................495
  no. 1925.....................................499

Barraud, of London
  no. 236.....................................499
  no. 496.....................................498
  nos. 586, 592..............................496
  no. 622.....................................498
  no. 850.....................................497
  no. 851.....................................500
  Breting, Ulysse, of Le Locle, gold, no. 19443....845-7

Earnshaw, Thomas
  no. 227.....................................495
  no. 240/2108.............................497
  nos. 369, 513............................496
  no. 517.....................................497

Parkinson & Frodsham, London, no. 737................7

chronometer prize
  Kullberg, Victor, of London, trade card........45, 46

chronometer springing
  Lundquist, Sanfrid, letter on, to Prof.Torrens, 1940. 52-3
  Young, Charles, no. 146, flat spring with loose stud......116

chronometer, unrecorded type,
  listed in East India Company records.........495-500

Baker, nos. 742, 745...............................489, 498

Barraud, of London
  nos. 207, 680.............................499
  no. 772.....................................498
  no. 842.....................................489, 498
  nos. 871, 919............................498

Bissitt, no. 602................................500

Brockbank & Atkins, nos. 922, 934, 939............500

Brockbanks of London, no. 823 (810?)............500

Duncan, no. 1527.................................500

Earnshaw, Thomas, no. 512..........................498

Margett's, George, of London, no. 176..............497
chronometer, unrecorded type, by, continued,
Parkinson & Frodsham, of London
  no. 560 .............................................................. 499
  no. 729 .............................................................. 500
  no. 771 .............................................................. 499
Widenham ........................................................... 500
Young, nos. 37, 574 ................................................ 500
chronometry, Swiss, Frédéric Houriet, Le père de la
  chronométrie Suisse, book review ........................................... 97-8
Church, Thomas, of Norwich, watchmaker, will ................. 531
Civil Date Indicator aeronautical clock .................................. 263
civil time, development of
  One Time Fits All, by Ian Bartky, reviewed .................. 706
Clare, Peter, of Manchester, clockmaker, will ..................... 531
Clarck, George, of London, lantern clock, Turkish market ..... 120
Clark, Josiah Latimer ............................................. 508
Clarke, Christopher, of London, watchmaker, will .......... 686
Clarke, James, see Scott, John, Mack & Clarke
Clay, Charles, of London, watchmaker, will .................... 686
Cleeever, John, of Chester, longcase clock ......................... 474
Clements (Clement), William, of Tonnes,
clockmaker, will ................................................... 527
Clements, James Thomas, of Walsall,
clock and watchmaker, silversmith and jeweller, will ...... 533
Clements, of Mildenhall, turret clock, 2007 ......................... 267
Clerke, Frederick William, of London ............................. 87
  2 day chronometer no. 1768 ...................................... 87
An Unusual Split-second Chronograph made by Clerke,
  1 Royal Exchange, London, by Mike Cowham .................. 82-7
watch, c. 1866 with six hour dial for Vatican time ............ 87
Clerke, George, of London, watchmaker, will ................. 686
Cleverdon, Thomas, of London, watchmaker, will ............. 686
clock, double .......................................................... 350
Clifford, Derry ...................................................... 568, 569
  Chairman, Midlands Section ...................................... 119
  lecture report ...................................................... 722, 869-70
  photograph of .................................................... 569
Clifford, John R., lecture report ...................................... 257
Clifton, John, of Liverpool ........................................... 659
Clifton, John, of London, watchmaker, will ....................... 686
clock, see also alarm clock; astronomical clock; automaton
clock; bracket clock; carriage clock; electric clock; Hague
clock; lantern clock; longcase clock; mantel clock; musical
clock; novelty clock; organ clock; regulator; stoelklok; table
clock; tavern clock; turret clock; wall clock; Zaanse clock
clock, based on form of
  bird cage, probably by Henri-Louis Jaquet Droz .......... 641
  bull, Cox, James, of London .................................... 647
  elephant, Torckler, Peter, of London ......................... 653
  flower vase, Williamson, Timothy, of London .......... 652
  gardener’s boy, Marriott, John, of London ............ 651
  goat, Cox, James, of London .................................. 655-6
  pagoda .............................................................. 649
  Cox, James, of London ........................................ 650
  peacock, Cox, James, of London ............................... 469
  rhinoceros, Béliard, François .................................. 655
  stag, Cox, James, of London ................................... 646
  clock case maker, see case maker, clock
clock case maker, parquetry
  Knibb, Joseph, longcase clock .................................. 170
clock components .................................................... 415
clock, desk mounted
  Magellan, John Hyacinth de, of London, clock 16 .......... 42-3
clock, desk set including
  Cole, Thomas, of London, no. 1193/27 ....................... 763
clock, iron-framed chamber
going train .......................................................... 79
hoop wheel .......................................................... 80
An Iron Chamber Clock by Nicholas Vallin 1598 .......... 597, 695-703
Iron Framed Chamber Clock,
letter from Dietrich Matthes ....................................... 271-2
Mahieu, of Coigne, 1596, with automata ....................... 159
Some Notes on An Iron-framed Chamber Clock,
by K.J. Ming .......................................................... 76-81
striking train ......................................................... 79-80
Vallin, Nicholas, 1598 ............................................. 597, 695-703
clock, musical, see musical clock
clock, rack driven, Koesfelt, Lothar Zumbach de .............. 349-51
clock, Renaissance, Two Renaissance Clocks Punched marked
  PP, by Michael Hurst .......................................... 675-9
clock, said to have belonged to Charles Kean, impresario .. 763
clock-watch, c. 1635 ................................................. 758
Clockhunting in Bermuda, Dr Ed. Cloutman, lecture ........ 123-4
Clockmakers, Worshipful Company of ......................... 724-5, 837
chronometer prize, Victor Kullberg trade card ............... 45, 46
Libary, Kullberg archive .......................................... 48
Mastership of Michael Smith ........................................ 777
museum ................................................................. 725
clockmaking
  Secrets of eighteenth-century clockmakers,
  lecture by John Robey ............................................. 415, 574
cloud cover, indication on clock .................................... 868
Cloutman, Dr Ed, Clockhunting in Bermuda, lecture ........ 123-4
Clowes, John, of London, clockmaker, will ..................... 686
Cluer, Obadiah, of Lewisham, clockmaker, will ............... 530
Clutton, Morris, receipt ........................................... 195
Co-Hong ................................................................. 644
coach watch, strike and alarm, c. 1635 ......................... 758
coat of arms, see armorial bearings
Coates, G., of London, carriage clock, walnut cased,
  perpetual calendar, fusee, ¼ striking ...................... 748
Cobham, James, of London, watchmaker, will ................ 686
Cobham, John, of London, watchmaker, will ................. 686
Cobham, Joseph, of London, clock, quarter chiming from
  striking train ....................................................... 120
Cochin, Daniel, of Geneva, repoussé chaser ................. 234
Cockburn, Hon. Sir John ........................................... 513, 514
Cohan, A. & Sons, of Liverpool, trade card .................. 45
Cole, see Usher & Cole, of London
Cole, John, of Epsom, clock and watchmaker, will (1803) 534
Cole, John, of Epsom, watchmaker, will (1830) ............. 534
Cole, John, of London, watchmaker, will ....................... 686
Tone, Thomas (attrib),
table clock, Egyptian revival ....................................... 460

© 2011 Antiquarian Horological Society. Reproduction prohibited without permission.
Cole, Thomas, of London
desk set including timepiece, no. 1193/27.......................763

collection
Ahrens, Gerd, sale of..............................................303
Amos, sale of.........................................................305
British Royal, Windsor Castle.....................................313
Carl Marfels ..........................................................323
Friedsham, Michael ................................................343
Géls, Edouard .........................................................413
Gershon Parkinson..................................................131
Harris, Lord, Belmont House .....................................422
Lehman, Robert ....................................................317, 324, 340, 342
Morgan, J. Pierpoint ..............................................317
enamel cased watches ............................................338
Ravenswick Hall ....................................................14
Rothschild, James A. de ........................................339
Spaans, P.C. ......................................................309, 727-8
Webster, Percy ......................................................675

Collectors’ Watches, lecture by Justin Koullapis .............567
Collett, William, of Uxbridge,
clock and watchmaker, will..................................686
Colley, John, of London, clockmaker, will...................686
Colley, Richard, of London, watchmaker, will ...............686
Colley, Thomas, of London, watchmaker, will..............686
Collins, Richard, of Isle of Thanet, watchmaker, will.....530
Colman, George, of South London, watchmaker, will......534
Combes or Coombes, William, of London,
watchmaker, will....................................................686
compensation, temperature, see also pendulum, compensating
Dent patent staple Z balance .....................................6
iron rod ‘bimetal’, Megellan clock no. 16.......................43
twin curbs, Parkinson & Frosham, London, no. 737 .......7
Condiffe, James, of Liverpool .....................................660

correction
The work of a small engineering conservator at the National
Museums of Scotland, lecture by Darren Cox ...............721
Constantin, Philip, see Girardel alias Constantin, Philip
Constantine, John, of London, watchmaker, will ..........687
contrate, see wheel, contrate
Conyers, Richard, of London, clockmaker, will ..........687
Cook, Captain James ................................................256
Cooke, of York, turret clocks
Barnard Castle, 1874 ..............................................425
Durham Cathedral ..................................................427
Heighington, 1868 ....................................................425
Cooke, Oliver ..........................................................703
Coombes (Combes), William, of London,
watchmaker, will ....................................................686
Cooper of England, watch makers ................................60
Cooper, William, of Derby, watchmaker, will ..............527
Coote, Ian, A Dial Curiosity, letter ..............................879
Cope, Charles John, of London, watchmaker, will ........687
Copley Medal, see Royal Society
Corbyn, Thomas, executor to Morris Clutton ...............195
Coronis, see Apollo, the Raven, and Coronis
Costen, William, of Kirkham, longcase clock ..............218
Coster, James, of Henley on Thames,
silversmith and watchmaker, will ............................532

Coster, Salomon, of The Hague
contract with John Fromanteel.................................201
Hague clock ........................................................728
Hague pendulum clock mentioned in 1690 ...................197
pendulum clock
with alarm ..........................................................199
Boerhaave Museum ..............................................199
early features ......................................................200
examples taken to Paris .........................................198
London, Science Museum ......................................199
prices of ................................................................201
private collection ..................................................202
Rijksmuseum, 1657 ................................................196-7
seven known examples ..........................198-9, 200-2
striking ...............................................................199, 201
Vehmeyer Collection .............................................197, 198
Zaanse Schans Museum ........................................198, 199

Cotsworth or Cottsworth, John, of London,
clockmaker, will ....................................................687
Cotton, John, of London, clockmaker, will ..................687
Coulon, Charles, of Christchurch, watchmaker, will ....529
Coulton, Francis, of London, clockmaker, will ..........687
Council for the Care of Churches ..............................265
country clocks, English Country Clocks 1600–1840, see
exhibition, Time and Place: ......................................
countwheel, PP, Renaissance horizontal table clock ........678
Courvoisier, David, partnership with Frédéric Houriet .......97
Courvoisier, Henriette, wife of Frédéric Houriet ..........97
The Coventry Watch and Clock Industry – Then and Now,
lecture by Peter C. Wood .........................................122
Cox, Darren, My work of a small engineering conservator
at the National Museums of Scotland, lecture ...............721
Cox, George Curling, of Whitehaven,
watchmaker and jeweller, will .................................527
Cox, James, of London .............................................638, 643
argues in favour of luxury ........................................636
bull clock ............................................................647
clock, musical with automata ....................................639
crane clock ............................................................645
goat clock .............................................................655-6
museum ...............................................................648
nécessaire ..............................................................634
Peacock clock .......................................................632, 634
publicity for museum ..............................................656
quantity of exports ................................................657
scent flask ............................................................630
silver swan ..........................................................632, 633
stag clock .............................................................645, 646
use of real gemstones............................................879-80
Cox, Jason, of London, watchmaker, will .................687
Cox, John Henry ....................................................645
Cox, Thomas, of Thornbury, clockmaker, will ..........528
Davies, Evan, of Pontypridd

description by Morien ............................................. 75

Druidism.............................................................. 73-5

*Evan Davies alias Myfyr Morganus, Arch-Druide, Philomath, clockmaker*, by William Linnard........... 66-75

long case clock, mahogany, painted dial.................... 69

marriage to Sarah Thomas 1828 ............................... 66-7

notebooks................................................................ 70-3

description of silvering........................................... 70, 74

illustrations of watch and clock parts....................... 71-2

portrait of

illustration, 1875 ................................................... 73

photograph, 1903 .................................................... 75

Davies, John, of Llaneraifaid, clockmaker, will............ 537

Davies, Thomas, of Carmarthen, watchmaker, will...... 537

Davies, James, of Windsor, turret clock.................... 876

Davis, John

_Solstices, Equinoxes, and the Equation of Time*, letter.... 734

Davis, John, of New Windsor, clockmaker, will .......... 526

Davis, John, of Windsor

bracket clock, chiming............................................. 727

longcase clock, equation of time and calendar dials..... 734

Davis, Joseph, of London, watchmaker, will .............. 687

Davis of Windsor, turret clock................................ 265

Davis, Richard Charles, Clerkenwell, watchmaker, will.. 687

Dawson, John, of Hackney, watchmaker, will ............ 687

Dawson, Percy G., see Percy Dawson Medal

Dawson, Robert, of Alford

Eardley Norton’s apprenticeship to ......................... 88

Day, John E. .......................................................... 722

Greenwich, Royal Observatory ................................ 117

lecture report........................................................ 122, 262-3

_Restoration of a Tompion Watch*, lecture.................. 873

Day, Theodora ....................................................... 352

de Cauy or de Caux, Lucas, Norwich, watchmaker, will... 531

De Charmes, Simon, of London

bracket clock, lacquer case, musical ......................... 146

de Court, Jean, enameller ....................................... 339, 345

de Court, Susanne, enameller ................................. 325, 328, 345

_Orpheus*, depictions of......................................... 338, 339

_Pomona and Vertumnus*, depiction of .................... 342

_St Mark*, depiction of........................................... 344

_stag hunt*, depiction of........................................ 329

_Tiophe, Athamas, and Ino*, depiction of ................. 342

De Gron, partner to Nicholas Jourdain ....................... 391, 392

De Koesfelt, see Koesfelt

De Lannoy, Andrew, of London, watchmaker, will ...... 687

de Magellan, see Magellan, John Hyacinth de

de Save, S.B. (Brian).................................................. 245

lecture reports....................................................... 249-53, 411-12

St Roche’s Lecture, 2007, report ................................ 314-15

St De Lu, Charles .................................................... 392

Deacon, Samuel, of Barton-in-the-Beans

longcase clock........................................................ 476

30-hour, dated 1800 .............................................. 220

_Samuel Deacon, Clockmaker of Leicestershire*,

lecture by John Thornton ....................................... 252

Deale, Thomas, of Ashford, tools of ........................ 415

Dean, Thomas, of London, watchmaker, will ............. 687

Deane, Thomas, of London, clockmaker, will .......... 687

Deaves, Richard, of Whitchurch, watchmaker, will .... 532

Debautre, James, of London, clockmaker, will .......... 687

Deboule, Antoine, of Geneva, ................................ 121

deck watch

Better...................................................................... 727

Dent, E. & Co. catalogue........................................... 180

Ditisheim, Paul, no. 46870 ..................................... 708

Hamilton Watch Company, Model 22 ...................... 708

Lilley, John, and Sons ............................................. 786

Dee, William, of London, clockmaker, will .............. 687

Dee, William, of Windsor, lantern clock................... 760

Delande, Pierre, of Paris

watch, Limoges enamel case .................................... 336

Delander, Daniel, bill for clock and watch repairs ....... 54, 55

Delander, Nathaniel

silver watch, Daniel Delander bill for repairs .......... 54, 55

Delander, Nathaniel, of London, clockmaker, will ...... 687

Delander, Nathaniel, watch case maker ...................... 574, 819

Delaune, Etienne .................................................... 337

_Mars*, depiction of................................................. 327

Demarin, James, of London, clockmaker, will .......... 687

Dennison, Aaron, portrait of.................................... 835

Dent

regulator, no. 2016 ................................................ 117

turret clock.......................................................... 785

Dent & Co. ............................................................. 513

regulators worked on for Airy ................................ 256

turret clock, Cardiff, City Hall ............................... 576

Dent, E. & Co.

awards list on letterhead ........................................ 56

awards list on tradecard .......................................... 56

bill, 1895, watch, no. 42687 ................................... 55, 56

longcase clock, no. 43823, chiming ......................... 160

Royal appointments on letterhead ......................... 55, 56

watch catalogue c. 1910 ....................................... 179-80

watch, no. 42687, 1895, lady’s gold cased, bill ........ 55, 56

Westminster Great Clock........................................ 182

Dent, Edward John, London, chronometer maker, will... 687

Dent, J.B. & Sons .................................................... 182

_Champion watch* .................................................. 183

_Ever Reliable watch* ............................................. 183

_Excelsior watch* ................................................... 183

_Reliable watch* ................................................... 183

watch catalogue c. 1910 ....................................... 182-3

Dent, of London

chronometer, marine

no. 5105 ................................................................. 6

no. 51033 ............................................................... 6

regulator, longcase................................................ 419

regulator, no. 2016 ................................................. 117

table regulator, no.860 ........................................... 3

turret clock, Barleythorpe Hall ............................... 423

turret clock, dated 1871 ....................................... 266

Dent, William, of London, watchmaker, will .......... 687

Denton, Samuel, of Oxford, watchmaker, will ........... 532

Denton, William, of Northmoor, watchmaker, will ..... 532

ANTIQUARIAN HOROLOGY 912
Derme, Susanna .......................................................... 392
Des Granges, Peter, of London, watch and clockmaker, will ................... 687
Desbois & Wheeler, London, bracket clock, mahogany (Ravenswick Hall Collection) ........................................ 14
desk set including timepiece
Cole, Thomas, of London, no. 1193/27 ..................................... 763
desk, with clock built in
Magellan, John Hyacinth de, of London .................................. 42-3
Desormeaux, Lewis ................................................................ 392

**Deutschschweizer Uhrmacher und ihr Werke vom 14. bis 19. Jahrhundert, reviewed** ............................. 100-1
Devall, Peter Taylor, of Paddington, watchmaker, will .................. 688
Devon Clocks, of Exmouth ...................................................... 119
dial, 24-hour, PP, Renaissance horizontal table clock........................ 676-7
dial, automaton
Adam and Eve ..................................................................... 477
ship .................................................................................... 220
dial, calendar, *see also* watch, calendar
Amsterdam, c 1735, longcase clock ..................................... 447
calendar clocks and watches ................................................ 567-8
Cleever, John, of Chester ..................................................... 474
Costen, William, of Kirkham, longcase clock ......................... 218
Davis, John, of Windsor, longcase clock ............................. 734
Deacon, Samuel, of Barton-in-the-Beans, longcase clock ......... 220
Eden, Ralph, of Liverpool, longcase clock ............................. 470
Forsyth, James, of London, longcase clock .......................... 613, 884
Griffiths, Thomas, of Birmingham, longcase clock ................. 217
Hammant, Thomas, of London, bracket clock ....................... 599
Hartwell, James, of Uttoxeter, longcase clock ....................... 215
Hoogendijk, Steven, of Rotterdam, watch, no. 21 .................. 546-7
Knight, W., of Stafford .......................................................... 222
Magellan, John Hyacinth de, of London, clock no. 15 ............. 41-2
Muncaster & Son, Isle of Man, longcase clock ....................... 478
Pybus, William, of London, watch ....................................... 635
Quare, Daniel, and Stephen Horsemann
no. 176, bracket clock, ¼ repeat ......................................... 596
no. 229, bracket clock, ebony, ¼ repeat ............................... 618
Ramsay, David, watch ....................................................... 318, 320, 322, 323
Renaissance horizontal table clock ...................................... 676
Richard et Cie, carriage clock ............................................ 152
Strahan, John, of Hull, mahogany bracket clock .................... 449
Thistle, James, of Stogursey, longcase clock ......................... 287
Urie, Walter, of Dundee, longcase clock .............................. 220
Wetherell, C., of Cannock .................................................... 475
Wood, Robert, of London, bracket clock, mahogany ............ 606
dial, centre-seconds
Borrell, Henry, of London, automaton clock ......................... 656
Bovet of Fleurier, watch, enamelled ..................................... 638
Forsyth, James, of London, longcase clock .......................... 613, 884
French ormolu calendar mantel clock ................................ 769
Hipp, Matthaus, wall regulator ............................................ 443
Kay, John, of Liverpool, longcase clock, mahogany .......... 551
Lepaute, J.J., of Paris, longcase regulator ............................ 770
Magellan, John Hyacinth de, of London, clock 16 .......... 42
Philip, Henry, of London, automaton clock ......................... 657
Whitehurst, John, of Derby, longcase timepiece .................... 722
dial, chime/silent
Marriott, John, of London, gardener’s boy clock ................. 651
Smith, James, of London, musical longcase clock ................. 12
dial clock, *see* wall clock, English dial
dial, day of week
Coates, G., of London, carriage clock ................................. 748
Davis, John, of Windsor, longcase clock ............................ 734
Kenyon, of Leverpool, longcase clock ............................... 549
dial, double
Keen, Robert John, of Liverpool, longcase regulator .......... 240
dial, enamelled, clock ...................................................... 209
Forsyth, James, of London, longcase clock ......................... 613
Magellan, John Hyacinth de, of London, clock 7 .............. 31
dial falseplate ............................................................... 212, 215, 220
brass, pattern for .......................................................... 475
Hunt, Samuel, of Liverpool ............................................... 662
dial, five seconds marks
Magellan, John Hyacinth de, London no. 29, 30, 35, 37, 39
dial, luminous .................................................................. 844
dial, lunar, *see* lunar indication
dial maker
Baker, Samuel, of Birmingham ........................................... 659
Ball, Cameron, Poston & Co., of Liverpool ......................... 666
Ball, Joseph, of Liverpool .................................................. 666
*Birmingham Dialmakers: Some Biographical Notes*,
by John A. Robey
*Part I* ............................................................................. 209-22
*Part II* ........................................................................... 470-80
Cameron & Poston, of Liverpool ........................................... 666
Cameron, James, of Liverpool ............................................. 666
Cameron, Poston & Exberry, of Liverpool ........................... 666
Felton, Eli, of Birmingham ................................................ 659
Francis, Sarah, of Birmingham ........................................ 659
Francis, William, of Birmingham ....................................... 659
Kempson and Felton, of Birmingham ................................ 659

*The Longcase Painted Dial in Liverpool*,
by Frances Tennant .......................................................... 659-74
Owen, Edward, of Birmingham ........................................... 659
Poston and Woolnough, of Liverpool .................................. 666
Poston, Joseph, of Liverpool .............................................. 666
Poston, Robert, of Liverpool ............................................... 666, 667
Poston, William, of Liverpool ............................................ 666
Wilkes and Son, of Birmingham ......................................... 660, 666
Wilson, James, of Birmingham ........................................... 659
Woolnough, Frederick, of Liverpool ................................... 666
dial, painted
Arcadian landscapes .......................................................... 213
*Birmingham Dialmakers: Some Biographical Notes*,
by John A. Robey
*Part I* ............................................................................. 209-22
*Part II* ........................................................................... 470-80
earliest documented known ............................................. 212, 213
first use of ......................................................................... 211
*The Longcase Painted Dial in Liverpool*,
by Frances Tennant .......................................................... 659-74
origins of the painted dial ................................................. 209
Osborne & Wilson ......................................................... 212
dial, painted, continued,
Restoring Painted Dials,
lecture by David Buxton ................... 261-2, 423
Wilson ‘trademark’ .......................... 220
dial, pedometer, Gout, Ralph, no. 122/221/244 .... 540
dial, planetary hour, Ramsay, David, watch .......... 318, 320
dial, regulator-style on watch, Hare, Alexander, no. 561 .. 33-4
dial, rise and fall regulation
Allam & Clements, of London, bracket clock........... 750
De Charmes, Simon, of London, bracket clock, lacquered, musical.......... 146
Quare, Daniel, and Stephen Horseyman
no. 176, bracket clock, ¼ repeat .................. 596
no. 229, bracket clock, ebony, ¼ repeat ............. 618
Tompion, Thomas
no. 249, ebony bracket clock.......................... 767
no. 271, bracket clock, brass inlaid.................. 767
Tompion, Thomas, and Edward Banger bracket clock, no. 465, ebony........... 767
Webster, William, of London, bracket clock, walnut .. 459
dial, sector showing temperature, Frédéric Houriet, watch . 97
dial, shaped break arch
Allam & Clements, of London, bracket clock........... 750
dial, six hour for Victorian time
watch by Frederick William Clerke, London c. 1866.... 87
dial, skeleton chapter ring
Knibb, Joseph, of London bracket clock, ebony case, cross linkage striking..... 5
longcase clock, parquetry case.......................... 170
Le Count, Daniel, of London
longcase clock, marquetry............................. 1, 102-3
dial, split seconds
An Unusual Split-second Chronograph made by Clerke,
1 Royal Exchange, London, by Mike Cowham .......... 82-7
dial, strike/silent
Allam & Clements, of London, bracket clock........... 750
Elliot, of London, ebonised bracket clock.............. 442
Fennell, Richard, Kensington, burr yew bracket clock ... 11
Forstyh, James, of London, longcase clock ......... 613, 884
Magellan, John Hyacinth de, of London
clock 15 ............................................ 41-2
longcase clock, mahogany, grande sonnerie ............. 40
Markwick Markham, of London
bracket clock, green lacquer........................... 754
Miller, Frederick, miniature musical bracket clock ... 892
Mudge, Thomas, longcase clock, mahogany.............. 752-3
Perring, Francis, of London, bracket clock, ebony ...... 606
Quare, Daniel, and Stephen Horseyman
no. 176, bracket clock, ¼ repeat .................... 596
no. 229, bracket clock, ebony, ¼ repeat ............ 618
Smith, James, of London, musical longcase clock .... 12
Strahan, John, of Hull, mahogany bracket clock ....... 449
Thornton, Henry, of London, longcase clock .......... 757
Tompion, Thomas
no. 249, ebony bracket clock.......................... 767
no. 271, bracket clock, brass inlaid.................. 767
Tompion, Thomas, and Edward Banger bracket clock, no. 465, ebony........... 767
dial, strike/silent, continued.
Webster, William, of London, bracket clock, walnut .. 459
Wood, Robert, of London, bracket clock, ebony........ 606
dial, sunrise and sunset
Davis, John, of Windsor, longcase clock .............. 734
dial, thermometer
Houriet, Frédéric (Jacques-Frédéric)..................... 97
dial, tidal
corrections for wind and lunar orbit .................... 553
Costen, William, of Kirkham, longcase clock ......... 218
Culliford, John, of Bristol, longcase clock, walnut ... 457
Hoogendijk, Steven, of Rotterdam, watch, no. 21 .... 546-7
Kaye, John, of Liverpool, longcase clock .............. 551, 553
Le Count, Daniel, of London, longcase clock ......... 1, 102-3
Thistle, James, of Stogursey ........................... 287
dial, touch pins ..................................... 676
dial, up-and-down
Zimmerman, Karl, of Liverpool, watch no. 15800 ....... 291
dial, world time. Kaye, John, of Liverpool, longcase clock 551
Diana, depiction of .................................. 325
Dibner Award for Excellence ............................ 117
Dickie, Andrew, of Clerkenwell, watchmaker, will .... 688
Dicks, William, of Clerkenwell, watchmaker, will ..... 688
Dilke, James Lake, of Plymouth, watchmaker, will .... 527
Dingwall-Beloe lecture, 2006
The Sing-Song-Trade: Exporting Clocks to China in the Eighteenth Century, by Roger Smith .......... 629-58
Dingwall-Beloe lecture, 2007
French Literary Themes on 17th Century Watches, by Dr Hans Boeckh, advertised .................. 292
Dinmore, Henry, of London, watchmaker, will .......... 688
Dinwiddie, Dr James ................................... 726
dipleidoscope, Dent, E. & Co. letterhead ............... 56
distribution of American clocks and watches .......... 831, 833, 838
Disturnell, Philip, of London, watchmaker, will ...... 688
Ditsehlim, Paul, deck watch, no. 46870 .................. 708
Divizioli, Francesco, of Cremona,
astronomical tower clock, 1583 ......................... 716-17
Dixon, Jeremiah James, of Cambridge, watchmaker, will. 526
Dobson, Arland, of London, watchmaker, will .......... 688
Dodd, Matthew, of London, watchmaker, will .......... 688
dollar watch ........................................ 841-2
Dollin, John, executor to Morris Clutton ................ 195
Dollis Hill, Post Office Research Station ............... 578
Dolton, Charles, of New Alresford, watchmaker, will .... 529
Donisthorpe, Joseph, clockmaker ....................... 252
Donkin, James, of Liverpool ................................ 660
Donne, Anthony, of London, watchmaker, will ........ 688
Donne, Robert, of London, watchmaker, will ........... 688
Dorrell, Francis, of London, watchmaker, will ......... 688
double rating screws, Magellan, J.H. de, clock 14 .......... 41
Dowes, Bernardus Johannes ............................ 360
Dowes, Cornelis, Admiralty Examiner .................... 359, 360
Doydd, Ieuan ap, see Davies, Evan, of Pontypridd
Dowrer, Theodore, of Colchester, clock and watchmaker, will ................. 528
Drayton, James, of Chardstock, clockmaker, will ....... 527
Drayton, Thomas, of Chardstock, clockmaker, will .......527
drop dial clock, see wall clock
Druidism.......................................................................73-5
Drummond Robertson, J., discovery of Coster clock.... 196-7
Drury, James, of London, clockmaker, will.................688
Drury, John, of Clerkenwell, clockmaker, will ............688
Drury, William, of Banbury, clock and watchmaker, will.532
Dryer, Samuel, of London, watchmaker, will.............688
Du Hamel, Isaac, of London, watchmaker, will.........688
Duchesne, Claude, of London, bracket clock, musical....381
Dudds, Joseph, of London, watchmaker, will.............688
Dudley, John, of London, watchmaker, will..............688
Duesburg, Baron François, collection, AHS visit to........124
Duke of York, (ship)
chronometers on.......................................................489
log book......................................................................490
Duley, Anthony J. (Tony)...........................................245
lecture report......................................................122-3, 573, 726-7, 873-4
Duncan, chronometer, no. 1527.................................500
Dunkley, Benjamin, of Tooting, watchmaker, will.....534
Dunkley, John, of Greenwich, watchmaker, will........530
Dunlop, Andrew, of London, watchmaker, will.........688
Dunlop, Conyers, of London, clockmaker, will..........688
Dunning, J.N., wall clock, drop dial..........................13
Durand, David Henri..................................................388
Durham, Mike...........................................................417
Durm, Mr.................................................................385
Durrant, Thomas Mendall, of Hammersmith,
watch and clockmaker, will.................................688
dust cap, see watch cap
dust covers, Mallet, of Barnstaple, longcase regulator...451
Dutch clocks, AHS Dutch Section Bring and Discuss ...263-4
Dutch Section, see AHS, Dutch Section
Dutton & Co., of London, drop dial timepiece ..........608
Dutton, Matthew, of London, watchmaker, will........688
Dutton, Robert William, of London, watchmaker, will..688
Dutton, William, of London, see also Mudge & Dutton
watchmaker, will...................................................688
Duval, John, and Sons, of London..............................643
Dwerrihouse, John, of London, watchmaker, will.....688
Dyde, Thomas, of Enfield, watchmaker, will.............688
Dyson, Sir Frank, Astronomer Royal..........................571

E
Ealand, Charles Baker, of Dartford, watchmaker, will......530
The Early English Balance Spring Watch:
the hardware 1665–1677/8, by Martin Ball .......818-28
Earnshaw, Thomas, of London................................487, 724
chronometer, marine
nos. 234, 246, 313, 345.....................................495
no. 377.........................................................496
no. 437.......................................................492, 496
nos. 456, 472..............................................496
no. 509..........................................................496, 723
nos. 524, 549, 706, 737................................496
no. 2264.......................................................116
chronometer, no. 512..........................................498

Earnshaw, Thomas, of London, continued,
chronometer, pocket
no. 227..........................................................495
no. 240/2108...................................................497
nos. 369, 513................................................497
no. 517.........................................................497
will..............................................................688
Earnshaw/Wright, detached escapement...............373
East Anglian Section, see AHS, East Anglian Section
East, Edward, of London........................................524
lantern clock, Queens' College Cambridge ............419
will..............................................................688
East India Company........................................630, 637, 638, 644
Chronometers on East India Company Ships
1800 to 1833, by Phillip Arnott..........................481-500
East Indiamen...................................................483-4
Roxburgh Castle...................................................482
historical background...........................................481-3
navigation and use of chronometers..................485-9
ships of................................................................484-5
Earl of Balcarres............................................483, 484, 485, 493
Eastham, James, of Liverpool, watch case maker .......291
Eayre, Joseph, of St Neots, turret clock, King's Norton........423, 424
Ebsworth, John, of London
clockmaker, will.............................................688
lantern clock, quarter chiming.............................14
Eden, Ralph, of Liverpool, longcase clock dial..........470
Edinburgh, The City Observatory and Edinburgh Time,
lecture by Graham Rule.................................566-7
Edison, Thomas A., recording device .......................255
torial, by Dr Jeff Darken
AHS Publications................................................619
Archaeology and Horology.....................................171
Artistry in Horology............................................311
Liverpool 2008 AGM/Convention..........................467
Patently Obvious?...............................................775
Spreading the Word..............................................23
Edwards, Thomas, of London, clockmaker, will........688
Edwards, William, builder of stone bridge, Pontypridd......68
Edwards, William, of London, watchmaker and silversmith, will.......688
Ehrhardt, William, Birmingham watch manufacturer ....258
Ekins, Waldgrave, of London, watchmaker, will.........688
electric clock, see also AHS, Electrical Horology Group
ATO, alternate polarity half-minute.........................269
Bentley's patent, longcase clock.............................13
Brillié, alternate polarity half-minute.......................269
Brillié Electric Clocks, by R.H.A. Miles and Martin Ridout
advertised..........................................................554
reviewed.......................................................548
Bulle clock.......................................................749
'Early Bird', alarm, Bond, W.F., bill, 1898................61, 63
Electric Clocks, lecture by Martin Ridout...............872-3
Garnier, Paul ....................................................269
Gents, silent slave bellows....................................269, 270
Harriman, D.....................................................256
Houdin, Eugene Robert..........................................573
electric clock, continued,
imf/itr master clock ........................................... 730
IBM dave clock ................................................. 731
Murday, Thomas J. ............................................. 723

Restoration of an Early Quartz Clock,
lecture by David Rooney ................................ 578-9

Section ............................................................... 120
W.H. Shortt, lecture by Robert Miles ............... 579-1
electrically synchronised clock ......................... 519
1904, synchronisation legislation .................... 512
Self-Winding and Synchronizing Clock Co. Ltd ...... 520-1
Standard Time Company .................................... 501-23

synchroniser
Lund’s patent .................................................. 504
Webler’s patent ................................................ 511

electricity metering
Aron ................................................................. 270
Landis & Gyr ..................................................... 270

Elgin Watch Company
aircraft clock .................................................... 263
Grade 562 clock ................................................ 262
Elginium balance spring .................................... 262
Elkins, William, of London, clockmaker, will ....... 688
Ellett, of Hemel Hempstead, clock and watchmaker, will .... 530
Ellicott, Edward, of London, watchmaker, will ...... 688
Ellicott, John, of London
1752 regulator .................................................. 256
bracket clock ..................................................... 165
longcase clock, mahogany, 3-train, pagoda top .... 165
wall clock .......................................................... 165
Ellicott, John, of London, watchmaker, will (1772) ...... 689
Ellicott, of London, bracket clock, ebonised chiming .... 442
Elliott, John, of Plymouth, watchmaker, will ......... 527
Elliott, Walter, of Plymouth, watchmaker, will ....... 527
Elliott, of London, clockmaker, will ..................... 689
Ellis, Paul, of London, clockmaker, will ................. 689
Ellory, William, Waltham watch .................................. 262
Elvines, Joseph, of Clerkenwell, watchmaker, will .... 689

Emery, Josiah, of London
bracket clock, precision (British Museum) ............ 372-3
early lever watch ............................................... 374
Magellan, John Hyacinth de, paid by .................. 374
regulator, longcase, mahogany ........................... 458
watch, no. 615 .................................................. 375

Emery, Salomon, of London, watchmaker, will ....... 689
enameller
de Court, Jean .................................................. 339, 345
de Court, Susanne 324-6, 328-9, 338, 339, 342, 344, 345
Reymond, Jean .................................................. 321, 339, 345
Reymond, Jean II ............................................... 318
Reymond, Joseph ............................................... 321
SC ................................................................. 324

English Clock & Watch Company ....................... 122
English dial, see wall clock, English dial engraving machine, parallel lines ......................... 121
ephemera, Evidence from the Transient, , by David Penney
Part II .................................................................. 45-65
Part III .................................................................. 177-95

equation of time, dates of ........................................ 734
equation of time, indication
Davis, John, of Windsor, longcase clock ............... 734
Lepart, J. J., of Paris, longcase regulator ............... 770
Errington Watch Company .................................. 258
escapement
4-legged gravity .................................................. 723
5-legged gravity, Cooke of York ......................... 424
15-legged gravity, Gillett & Bland ....................... 99, 119
Brocot visible .................................................... 769
coup perdu, Brocot, L.G., of Paris, table regulator .... 771
cylinder ............................................................. 33
Hare, Alexander, watch no. 561 ......................... 33-4
dead-beat, jewellery, Magellan, J.H. de ................. 26, 27, 33
detached ............................................................ 366
Grignon & Son, of London ................................. 371-2
Le Roy’s search for ............................................ 129-30
Magellan, John Hyacinth de ............................... 370
duplex
Bovet of Fleurier ................................................. 638
McMaster & Son, of Dublin,
carriage clock, no. 3666 .................................... 453
Earnshaw spring detent ....................................... 373
leaver, Massey Type II
Hinsdale and Aakin, of New York, no. 957 .......... 549
leaver, single roller
drawing of model by Charles Curzon .................. 51
Magellan, John Hyacinth de ............................... 30
paddle wheel ..................................................... 874, 876
pin-wheel, Ward, Henry, of Blandford, turret clock ... 875
pivoted-detent, Breting, Ulysse, of Le Locle ......... 846
spring detent, Pennington ‘dovetail’

verge ................................................................ 626, 627
verge, in longcase
Blackford, Anthony, of Warwick ......................... 765
Graham, George, no. 510 .................................... 605

verge, silent
Hammant, Thomas, of London, bracket clock ...... 599

escapement maker
Charles Curzon, order for double roller escapements 50
Et in Arcadia Ego, by Nicholas Poussin ................. 214
Etheridge, Daniel, of Rusper, clockmaker, will ....... 535
Europa, Rape of, depiction of ............................. 339, 340
Evans, James, of London, watchmaker, will ......... 689
Evans, Jeremy, Thomas Tompion at ’The Dial and Three Crowns’, book, advertised ................. 109
Evans, of Birmingham, turret clock ..................... 876
Evans, Thomas, of London, watchmaker, will ...... 689
Ever Reliable watch, J.B. Dent & Sons ................ 183
Everest, Edward, of London, watchmaker, will ....... 689
Evidence from the Transient: The Importance of Ephemera for a Proper Understanding of the Clock and Watch Trades, by David Penney
Part II .................................................................. 45-65
Part III .................................................................. 177-95

©2011 Antiquarian Horological Society. Reproduction prohibited without permission.
false pendulum, continued,

Tompion, Thomas, and Edward Banger,
  bracket clock, no. 465, ebony...........................................767
Webster, William, of London, bracket clock, walnut ..........459
false plate, see dial false plate
Fardon, John, of Deddington, watchmaker, will................532
Farewell, John, of London, clockmaker, will.....................689
Farnham, Thomas, of Bridport, watchmaker, will.............527
Farrington, Thomas, of Bristol, clockmaker, will..............528
Faulkner, Edward, of London, watchmaker, will..............689
Faversham, Kent, turret clock, St Mary of Charity..........96
Fayre, Francis, of London,
  watchmaker and coal merchant, will..........................525, 689
Favon, Francis, of Geneva, clockmaker, will....................538
Favre-Bulle, Maurice ..................................................877
Fedele Morath Bros, of Liverpool....................................660
Feltow, Eli, of Birmingham, dial maker..........................659
Fenn, Daniel, of London, clockmaker, will......................689
Fennel, Richard, of Kensington, bracket clock c. 1700......11
Fenner, Thomas, of Upper Rickengall, watchmaker, will...533
Fenton, James, of London, clockmaker, will.....................689
Fenton, Thomas, of London, clockmaker, will.................689
Ferrand, Grand Duke ..................................................197
Ferguson, Colin.............................................................621
Ferguson, James............................................................553
Ferren, Jacob, of London, watchmaker, will......................689
Ferrers, John, of London, watchmaker, will.....................689
Ferron, Lewis, of London, watchmaker, will.....................689
Feylis, John, of London, watchmaker, will......................689
Fidgitt, William, of London, watchmaker, will................689
Field, James, of Luton, clock and watchmaker, will.........526
Field, Joseph, of London, watchmaker, will.....................689
Finn, E.P. ........................................................................518, 520
Finnemore, George, of Birmingham, clock dial maker......479
Finnemore, William, of Birmingham,
  clock dial maker..........................221, 476, 478-80
Finnemore & Son ..................................................478, 479
Walker & Finnemore..................................................476, 479
will .............................................................................536
William & George Finnemore.........................................479
Finnemore, William, of Liverpool
  astronomical clock, month going, annual calendar..........121
fish street piller, Monument, City of London....................24
Fisher, Daniel, of London, watchmaker, will.....................689
Fitter, John, of Battersea, watch ......................................819
Fitter, Silver, of Clerkenwell, watchmaker, will.................689
Fitzroy, Captain Robert..................................................723
Flandgate, John, of London
  balloon clock, verge, ¼ repeating...............................449
  watchmaker, will........................................................689
Flashman, George, of London, watchmaker, will.............689
Fletcher, Henry, of Orsett, watchmaker, will....................528
Fletcher, James, of Liverpool..........................................660
Fletcher, John, of London, watchmaker, will....................689
Fletcher, Thomas, of Southwark, clockmaker, will..........534
Fleureau, Peter, of London, watchmaker, will..................689
Florence, 1690 inventory................................................197
Flores, Joseph, *Le Compt Rendiastique de Frédéric Klinghammer*, reviewed .......................................................... 857
fly, cubical ........................................................................... 677, 679
fly, worm-driven, Henry Ward of Blandford, turret clock ...... 875
foliot, German movement, 17th century, four fusees.......... 598
Folque, Gen. F. de S., astronomical observations, Lisbon ... 33
Foot, William, of London, watchmaker, will ..................... 689
For your further reading ................................................... 134-6, 276-7, 431-2, 585-6, 736-8, 881-3
*ANCAHA* .......................................................................... 134, 736
*Bulletin of the British Sundial Society* ............................ 277, 737
*Het Torenuurwerk* .......................................................... 881
*Horlogerie Ancienne* .......................................................... 736-7
*Horological Journal* .......................................................... 276-7, 586, 738, 883
*Horological Science Newsletter* .......................................... 136, 586, 883
*Klasik Uhren* .................................................................... 135-6
*La Voce di Hora* ................................................................ 585, 881-2
*NAWCC Bulletin* .............................................................. 737-8, 882
*Tijdschrift* ......................................................................... 134-5, 276, 585-6, 737
Ford, James, of London, watchmaker, will ....................... 689
Ford, Richard, of Lambeth, watchmaker, will ................... 534
form watch, see watch, in form of ...................................... 237
Forrester, Mark, *The Clockmakers of Odiham*, reviewed ............................... 237
Forster, John, of Minster, watchmaker, will ....................... 530
Forster, William Stuart ......................................................... 508
Forsyth, James, of London.................................................... 508
longcase clock, ¼ chiming centre seconds ....................... 613, 884
watchmaker, will ............................................................... 689
Foster, H., of Liverpool .......................................................... 660
Foulkes, Robert K. ............................................................... 313
Foulks, Francis, of Bakewell, clock and watchmaker, will .... 527
Fowkes, Gabriel, of Darrford, watchmaker, will ................. 530
Fowlds, Andrew, of Clerkenwell, watchmaker, will ......... 689
Fowle, Thomas, of East Grinstead, watch and clockmaker, will .............. 535
Fowler, Francis Hayman ....................................................... 508
Fox, Isaac, of London, watchmaker, will .......................... 689
Foxall, Thomas, of Bermondsey, watchmaker, will ......... 534
Foston, James, of London, watchmaker, will .................... 689
Frampton, Derek ................................................................. 726
Francis, Fenix or Felix, of Newington, watchmaker, will ... 534
Francis, George, of London, watchmaker, will ................ 689
Francis, Sarah, of Birmingham, dial maker ....................... 659
Francis, William, of Birmingham, dial maker ................. 222, 659
Frankcom, Charles, of Bath, watchmaker, will ................ 533
Frankland, Sir Thomas, Vulliamy patron .......................... 157
Franklin, Thomas, of Clerkenwell, watchmaker, will ....... 690
Franklyn, Benjamin, of London, watchmaker, will .......... 690
Fraser, John, of Worcester, lantern clock ......................... 14, 168, 294, 450, 606, 758
Frazer, William, orrey .......................................................... 726
Frella, of London, longcase clock, movement .................. 575
*Frédéric Houyet, Le père de la chronométrie suisse*, book by Jean-Claude Sabrier, reviewed ................................. 97-8
Freeman, George, of London, watchmaker, will .............. 690
Freeman, James, of London, watchmaker, will ............... 690
Freeman, John, of London, watchmaker, will .................. 690
Freeman, Thomas, of London, watchmaker, will ............ 690
French, James Moore, of London watch and chronometer maker, will .................. 690
watch no. 4203 ............................................................... 151
French, John, of London, watchmaker, will .................... 690
French, John, of Yalding, watchmaker, will ................. 530
French, William, of London, chronometer maker, will .... 690
Frencham, James, of London, clockmaker, will ............... 690
Freere, George, solicitor .................................................. 508
*Frescoes showing an Italian Renaissance travelling clock case c. 1561*, letter from Michael Hurst ............... 580-1
Friar Paul, the German, *Almanus Manuscript* ................. 76
Frisius, Gemma ................................................................. 250, 347
Frodsham & Baker, of London, marine chronometer, 1855 .......................................................... 8, 166
Frodsham, Charles regulator, wall ..................................... 305
watch, split-seconds chronograph, no. 07328 ................. 602
Frodsham, Edward, of London, watchmaker, will ........... 690
Frodsham, John, of London, chronometer, watch and clockmaker, will .......................................................... 690
Frodsham, of London, regulator, longcase ....................... 16
Frodsham, William James, of London, chronometer maker, will .......................................................... 690
Frodsham, William, of London affidavit re codicil to Harrison’s will .................. 682
clock and watchmaker, will (1807) .................................. 690
Fromanteel & Clarkeug, see Clarke, Christopher
Fromanteel, Abraham, of Newcastle upon Tyne, clockmaker, will .......................................................... 532
Fromanteel, Ahasuerus longcase clock, ebony, ‘Oxford’ ............ 780-3
Fromanteel, John, contract with Coster ................................ 201
Fromanteel Lecture, 2007
*Astronomers versus Horologists*, Dr John Taylor ........... 249-50
Fulford, Joseph, of London, clockmaker, will ................. 690
Furtwangler, Ferdinand, of London, clockmaker, will ...... 690
fusee, absence in early pendulum clocks ......................... 201
fusee chain, PP, Renaissance horizontal table clock .......... 678-9
G
Gadsby, Thomas, of Leicester, clock and watchmaker, will .......................................................... 531
Galabin, John, of Greenwich, watchmaker, will .............. 530
Gale, John, of London, watchmaker, will ......................... 690
Galileo Galilei ................................................................. 250
longitude finding method .................................................. 348
Gamard, of Paris, lantern timepiece, alarm .................... 760
Gambrill, Philip ................................................................. 245
Ganthony, Richard Pinfold, of London, chronometer maker, will .......................................................... 690
Garcin, Ani, of London, watchmaker, will ....................... 690
Gardner, Ambrose, of London, clockmaker, will ............ 690
Gardner, Obadiah, of London, clockmaker, will .......... 530
Gardner, Thomas, of London, clockmaker, will ............. 690
Garland, John, of Leicester, watchmaker, will ................. 531
Garle, Richard, of Winchester, clockmaker, will ............... 529
Garrett, William, of London, clockmaker, will ............... 690
Garnier, Paul, electric slave clock ...................... 269, 270
Garrett, William, of London, watchmaker, will ........ 690
Gatford, John or William, Uxbridge, watchmaker, will ..... 690
gearing, wolf’s teeth ........................................... 846
Geater, Henry, of Bristol, watchmaker, will .......... 528
Geerts, Siert, Admiralty Examiner ....................... 359, 360
Geiser, Fratelli, of Milan, astronomical regulator, passing minute strike .. 716
Géli, Edouard, collection .................................. 413
Gmstones, real, use of by James Cox ................ 879-80
Gendle, Thomas, of Plymouth, watchmaker, will .... 527
General Post Office (GPO)
Research Station, Dollis Hill ......................... 578
Telegraph Department .................................... 505-6
Geneva, watchmakers in .................................. 120-1
Gents, of Leicester bellows in silent mantel slave ...... 269, 270
Pulsynetic clock .............................................. 874
George III, King of England, plot to kill ............... 250-1
George IV, King of England, caricatured as ‘Joss’ .. 629
Gerring or Geering, Thomas, of Lechlade, clockmaker, will .... 528
Gerrard, John, of London, watchmaker, will ...... 690
Gib, William, of Rotterdam watch, gold pair-cased ......... 125
watch no. 214 .............................................. 232-5
Gibbard, Julian, obituary of Norman Langmaid .... 777-9
Gibbon, John, of Hastings, watchmaker, will .......... 535
Gibbons, Benjamin, of London, watchmaker, will .... 690
Gibbons, Michael ........................................... 245, 864
lecture report ............................................. 871-2
Metals in Watchmaking, lecture .......................... 259-60
Precious Metals and Other Materials in Timekeeping,
lecture ...................................................... 565-6
Precious Metals, letter ..................................... 733
Gibson, James, of London, clockmaker, will ........ 690
Gilbert, Charles, of London, clockmaker, will .......... 690
Gilbert, François, of Angers, pendulum clock ......... 199, 204
Gilbert, William, of Gosport, watchmaker and silversmith, will .. 529
Gillett & Bland, turret clock, Ottery St Mary ........ 99
Gillett & Co, turret clock, Cambo, Holy Trinity church .................. 427
Gillett and Johnston, turret clocks
Bermuda .................................................. 124
Cardiff, City Hall ....................................... 576-7
Cardiff, St John the Baptist ............................ 577
Gillier, Charles, of Berne ............................ 120
Gillmore, John, of Battle, longcase clock, 30-hour,
ebonised, rising hood, 1/4 seconds pendulum .... 449
Gillows, of Lancaster (attrib) mahogany longcase clock by John Kaye .. 550, 552
furniture makers .......................................... 211
Girardet alias Constantin, Philip, of London, watchmaker, will .......... 690
Girardel De Constantin, John, of London, watchmaker, will .......... 690
Gladman, John, of London, watchmaker, will .......... 690
Glasby, John .................................................. 723
lecture report ............................................. 723-4, 871
glass, panels in watch band .................................. 547
Glover, Boyer, of London, watchmaker, will .......... 690
Glover, John, of London, chronometer maker, will ..... 690
Glover, John, of Prescot, watch movements .......... 256
Glover, William, of London, chronometer maker, will .. 691
Glyd, James, of London, watchmaker, will ............ 691
Goddard, Edward, of London, watchmaker, will .... 691
Goddard, Thomas, of London, watchmaker, will .... 691
Godin, James .............................................. 392
Godlyman, Peter, of Hurley, clockmaker, will .... 526
Goff, William, of Banbury, watchmaker, will ....... 532
Goff, William, of Falmouth, chronometer maker, will .. 527
Gohier, Daniel, of The Hague, watchmaker, will ...... 538
going train, iron framed chamber clock .......... 78, 79
A Gold Pocket Chronometer by Ulysse Breting,
note, by Tony Maragna .................................. 845-7
Goldsworthy, Edward, of London, watchmaker, will .... 691
Goode or Good, Charles, of London, watchmaker, will .. 691
Goodhugh, Richard, of London, watchmaker, will ..... 691
Gordon, John, of London, clockmaker, will ............ 691
Gorham, James, of Kensington, watchmaker, will .... 691
Gostelow, Samuel, of North Fleet, watchmaker, will .. 530
Gostling, George, of Diss, watchmaker, will ........ 531
Gould, Christopher, bracket clock (Knibb style) .......... 144
Gould, R.T., His Life and Work,
lecture by Jonathan Betts ............................... 411-12
gout chairs, Merlín, John Joseph .................... 726
Gout, Ralph, of London career ................................ 545
lantern clock .............................................. 722
patent, no. 2351, 1799 ..................................... 542, 545
pedometer watch, no. 122/221/244 .................. 539-45
Government Property Mark (broad arrow) ........ 273
GPO, see General Post Office (GPO)
Grace, David
Chronometers and the American Market, lecture ........ 866
portrait of .................................................. 865
Grace, Thomas, of London, clockmaker, will ........ 691
Graham, George, of London experimental skills .................. 720
George Graham, lecture by Allan Chapman .......... 720-1
Graham, Shelton, and Mudge: their influence on
precision pendulum clocks, lecture by David Penney .. 866
instruments for Greenwich ............................... 720
longcase clock
no. 510, 30-hour oak ................................... 605
no. 611, ebonised ........................................ 21
no. 772, walnut ............................................ 22
longcase regulator, walnut, month duration .......... 773
Tompion’s will, bequests ................................ 524
will .......................................................... 691
Granadeurs March, musical clock by Claude Duchesne .. 381
Grandisson, Bishop John de ......................... 119
Grange, Michael ........................................... 417
Grant, George, of London, watchmaker, will .......... 691
Gravell, William, of London, clock and watchmaker, will 691
Graves, Benjamin, of London, clockmaker, will.............691
Graves, J.G., of Sheffield, catalogue watches, Canterbury, Express, and Imperial............191-2
Gray, Adam, of Clerkenwell, watchmaker, will.............691
Gray, Benjamin, and Justin Vulliamy
Gray & Vulliamy Outworkers,
letter from Roger Smith.................................131-2
Watch Day Books ...........................................132
Gray, Benjamin, of London, watchmaker, will.............691
Gray, John................................................................389
Gray, Mark,

Graves, Benjamin, of London, clockmaker, will ..............692
Grignion, Daniel and Thomas
Grignion & Son, of London
will .............................................................................691
Greater Manchester Clocks and Clockmakers,
by Edmund Davies, reviewed....................................236-7
Greathead, Philip, of London, watch & clockmaker, will ..691
Greaves, Dr Ian,
Jewellery for English Watches and Chronometers, lecture...257
Greaves, Samuel, of Bromsgrove, longcase clock, oak......607
Green, David, of Bermondsey, wooden clock maker, will.534
Green End, Hanslope...........................................680-1
Green, Francis Herbert, account of Vallin clock.............695-6
Green, George, of Oxford, watchmaker, will...............532
Green, James, of London, clockmaker, will...............691
Green, James, of London, watchmaker, will...............691
Green, John, of London, watchmaker, will...............691
Green, Phil,
Griffin, John, of London, watchmaker, will .................691
Greenhill, Samuel, of Southwark, watchmaker, will........534
Greenwich Naval Hospital Clock,
lecture by Jonathan Betts and Peter Linstead-Smith ... 265-6
Greenwich Royal Observatory Time Signals,
lecture by David Rooney ............................................420-1
Greenwich Time and Clocks that Changed the World,
lecture by David Rooney ...........................................727
Greenwich Time Company ...........................................516, 517
Greer, Rita
photograph of..........................................................24
portrait impression of Dr Robert Hooke......................24
Gregg, Richard, of London, watchmaker, will............691
Gregory, James, of Basingstoke,
clock and watchmaker, will.................................529
Gregory, Jeremy, of London
goldsmith of London of Sunninghill, will.....................526
lantern clock..............................................................168
Gregson, John, of Arundel, watchmaker, will.............535
Gretton, Charles, of London
bracket clock, moon-phase dial ................................428
Charles Gretton, letter from Dennis Radage ...............428-9
The Gretton Book Project Update,
letter from Warner Meinen and Dennis Radage ..........735
longcase clock, lacquer case.....................................456
watch.................................................................429
will.................................................................691
Gribeauval, tête-de-poupée clock.............................125

Grice, Bill, lecture report ............................................260-1
Griffis, Thomas, of Birmingham, longcase clock ............216, 217
Griffiths, John................................................................864
Griffiths, Richard, Birmingham dial maker....................480
Griffiths, William and Richard, Birmingham dial makers. 480
Grignon, Daniel and Thomas
table card c 1740 .....................................................28
Grignon, Daniel, of London
regulator, portable.....................................................27
watchmaker, will (1763)..........................................691
Grignon, Thomas, of London
regulator, portable.....................................................27
sketch by Charles Grignon, artist...............................27
watchmaker, will (1784)..........................................691
Grignon, Thomas, of London,
chronometer maker, will (1821)................................691
Grimsbergen, Kees ......................................................728
Johann Hevelius, lecture ...........................................575-6
Grinkin, Robert, of London
blacksmith and clockmaker, will, (1661)....................691
Grinkin or Grinkin, Robert, of London,
blacksmith and clockmaker, will, (1626)....................691
Grinnard, Thomas, of London,
watchmaker, will.....................................................691
Gudgeon, George, Bury St Edmunds, watchmaker, will..533
Guide to the Purchase of a Watch, S. Smith & Son Ltd ..193-4
Guildhall Library, Thwaite's business archive ............96
Gunten, Richard, of London, watchmaker, will.............691
Guy, William, of London,
tortoiseshell watch case coverer, will.........................525
Guye, P. &. A. watch manufacturer..............................258

H
H (coronet above) watch-case maker's mark ......................275
Haage Klok, see Hague clock
Haaftenhorst, Dutch frigate........................................359
Hackney College .......................................................50
Haddack, William, of Bathwick,
watch and clockmaker, will........................................533
Hadfield, Jill
Scottish Section, 21st Anniversary Dinner .................118
Hadley, Ann................................................................212
Hadley, Humphrey, Birmingham clockmaker .............212
Hague clock
Coster, Salomon, The Hague .......................................728
Horn, Johann Antonius, of La Haye .........................576
The Prototype of 'Hague Clocks’ and 'Pendules Religieuses’;
by Reinier Plomp ..................................................196-208
Visbagh, Pieter, of The Hague..................................309
Hahn, Philipp Matthäus, planetarium.........................726
hairspring, see balance spring
Hale, William Phillip, of London, clockmaker, will........691
Haley, Charles, of London, clock and watchmaker, will ..692
Haley, Thomas, of London, watchmaker, will.............692
Halhead, Thomas, of London, clockmaker, will...........692

ANTQUARIAN HORLOGIOY

920

2011 Antiquarian Horological Society. Reproduction prohibited without permission.
Hall, Professor A.R. .......................................................... 127
Hall, Richard, see Rogers, Nicola, & Richard Hall
Hall, Robert, of Wells next the Sea, watchmaker, will ........ 531
Hall, Thomas, of Coventry, watch manufacturer, will ....... 536
Halley, Edmund, astronomer .............................................. 256, 720-1
Haller, Richard, of London, clockmaker, will ................. 692
Hallifax, John, of Barnsley, barometer, walnut, George III. 465
Hally, Thomas, of London, longcase clock ....................... 566
Halsall, William, of Bedminster, watchmaker, will ......... 533
Halsted, Robert, of Hackney, clockmaker, will .......... 692
Hamilton, Richard, of London, clockmaker, will .......... 692
Hamilton Watch Company
aircraft clocks ................................................................... 263
chronometer, Model 21 .................................................. 262, 724
deck watch, Model 22 ...................................................... 708
deck watches and wrist-watches .................................... 256
military watches ................................................................ 262
Hammant, Thomas, of London, bracket clock, silent verge escapement .......................... 599
Hammers, John, of London, watchmaker, will ................. 692
Hammond, George ............................................................ 578-9
Hanbury, John, of West Haddon, turret clock ............ 523, 424
hand maker, Capell, James, of Birmingham, will .......... 536
Handisyde, George, of London, watchmaker, will ....... 692
Handley & Moore, of London musical clock with pedestal ........................................ 153
research request (letter) .................................................. 429
Handley, Benjamin, of Clerkenwell, clock manufacturer, will ........................................ 692
Handscomb, Ebenezer, of Ampthill, watch and clockmaker, will ..................................... 526
Hanet, Nicholas, of Paris agent for Salomon Coster .................................................. 198
mentioned in Huygens’ correspondence .................... 197
pendulum clock ............................................................... 199, 204
Hannah, Jim
lecture reports ................................................................. 255-7, 567-8, 721-2
meeting report ................................................................. 415-16
Hanson, William, of New Windsor, watchmaker, will .... 526
Happacher, Philipp, of Vienna, wall regulator, 1842 ....... 299
Harbert, Cornelius, of London, clockmaker, will .......... 692
Hardeman, Edwin Samuel, of Canterbury, watchmaker, will ........................................ 530
Hardeman, Samuel, of Bridge, clock and watchmaker, will ........................................ 530
Harding, Henry, of Coventry, watch case maker, will .... 536
Hardman, Thomas, of Clerkenwell, watchmaker, will .... 692
Hardy, Henry, of Carisbrooke, watch case maker, will .... 529
Hardy, William, of Clerkenwell, watch and clockmaker, will ........................................ 692
Hare, Alexander, of London paid by J.H. Magellan .................................................. 27, 34
watch no. 561, commissioned by Magellan .................. 33-4
watchmaker, will (1807) ................................................... 692
Harford, William, of Bath, watchmaker, will ................. 533
Harley, Samuel, of Shrewsbury, watchmaker, will ....... 532
Harling, William, of London, clockmaker, will .......... 692
Harpam, Joseph, of London, clockmaker, will ............ 692
Harper, Henry, of London, clockmaker, will ............... 692
harp .............................................................................. 676
Harriman, D., electric clock .............................................. 256
Harris, Christopher, of London, watch and clockmaker, will ........................................ 692
Harris, Clement ................................................................. 487, 488-9, 494
chronometer, marine, no. 678 ..................................... 499
Harris, Francis William, of London, clockmaker, will .... 692
Harris, Ian, lecture report ................................................. 726
Harris, John, of London, watchmaker and blacksmith, will ............................................. 692
Harris, John, of London, watchmaker, will ................. 692, 530
Harris, Lord, (5th Baron), collection of ........................................... 422
Harris, Thomas, of London, watchmaker, will .......... 692, 530
Harrison, Dr Stuart, The Chaos of Pendulums, lecture .... 260
Harrison, Elizabeth .......................................................... 682
Harrison, John birthday and death-day anniversary ............. 249-50
Brocklesby Park turret clock ........................................ 259
H4, a detailed study, lecture by Derek Pratt, advertised 739
Harrison’s inspiration, letter from Jonathan Berts .......... 582-3
influence on Le Roy .......................................................... 130
longcase, wooden regulator clock (1726) ..................... 786
marine timekeepers etc. restored by R.T. Gould ........ 411-12
Westminster Abbey memorial plaque ............................ 244
will ................................................................. 681-2, 692
wooden clocks (letter from John Taylor) ....................... 429
Harrison, of Warrington, watch ........................................ 256
Harrison, William Hart, of Cheshow, watchmaker, will .. 537
Harrison, William (son of John) ........................................ 681, 682
Harrison, Wills, sympiesiometer ...................................... 123
Hanser, Ferdinand, of Macclesfield ................................. 673
Hartley, T.M., of Silchester, turret clock ......................... 426
Hartwell, James, of Uttoxeter, longcase clock ............... 215, 216
Harvey, John, of Walworth, watchmaker, will ............... 534
Harvey, Thomas, of London, watchmaker, will .......... 692
Hassall, Jeremy, Joseph White & Sons, lecture ................ 869
Haswell, Alexander, of London, watchmaker, will ...... 692
Haswell, J. Eric ............................................................... 518
Hatot, Léon ................................................................. 877
Hatton, James ............................................................... 487, 494
chronometer, marine, no. 270 ...................................... 497
Hatton, Sarah (widow of James) ......................................... 487
Haworth, Richard, of Liverpool ......................................... 659-60
Hawthorne & Beilby, of Newcastle upon Tyne, dial maker ........................................ 660
Hawthorne, of Newcastle upon Tyne, dial maker ........... 222
Hay, George, of London, clock and watchmaker, will .... 692
Hay, Thomas William, of Shrewsbury, watchmaker, will 532
Hayard, Michel ............................................................. 413
Hays, of St Helens, watch .................................................. 256
Heardman, Jacob, of London, clockmaker, will .......... 692
Hearn, James, of London, watchmaker, will .............. 692
Hebbart, Mr ................................................................. 385
Hebert, Anthony, of London, clockmaker, will (1752) 692
Hebert, Anthony, of London, watchmaker, will (1767) .... 692
Hedge, Nathaniel, of Colchester
lantern clock ................................................................. 14, 168, 294, 450, 606, 758
Hedger, James, of Coventry, watch manufacturer, will........536
Heimmann, Peter, turret clock ........................................874
Heinrich, Maximilian, Elector of Cologne .........................351
Helm, of Crew, watch ......................................................256
Helot, John, of Amsterdam, watchmaker, will .................538
Helsinki University, J.H. de Magellan, clock no. 12 ...........36
hemispheres map, on rolling-moon dial ..........................473
Henshaw, Walter, of London, clockmaker, will .................692
Hepburn, Robert, of London, watchmaker, will .................692
Herbert, Cornelius, of London, clockmaker, will ...............692
Herman, Paul, Professor of biology, Leiden ......................351
Hering, Joseph, of London, watchmaker, will .................692
Hettich, clocks by ..........................................................257
Hetzl, Max .................................................................568
Hewkley, John, of Southwark, clockmaker, will ...............693
Heyes, George, of London, chronometer maker, will .........693
Heywood, William, of Boulogne, clock and watchmaker, will.538
Hiccox, John, of London, watchmaker, will .................693
Higgins, Thomas, of London, clockmaker, will .................693
Higginson, Nicholas, watch, found in wreck of 'Swan' .......528
Higgs, Peter, of London, clockmaker, will .........................693
Hill, Benjamin, of Fleet Street, London lantern clock ........14, 168, 294, 450
Hill, William, of Coventry, watch manufacturer, will .........536
Hindes, Joseph, of Colchester, watchmaker, will ...............528
Hindley, of York Henry Hindley, lecture by Chris Watson ....252, 421-2
turret clock ...............................................................427
Hine, William, of London, watchmaker, will .....................693
Hines, John, of Needham Market, watch and clockmaker, will........533
Hinsdale and Akin, of New York, watch, no. 957 ............549
Hinton, Malcolm ..........................................................569
Hipkin, Alan, lecture report .........................................416-17
Hipp, Matthias .............................................................872
Hipp toggle, testbed for ..................................................443
wall regulator ..............................................................443
Hitchin, Joseph, of London, watchmaker, will .................693
Hobler, John Francis, of London, watchmaker, will .........693
Hobler, John, of London, watchmaker, will ....................693
Hobson, Hobson and Son, of Birmingham, dial maker....661
Hoddle, John, of London, clockmaker, will .....................693
Hodges, John, of London, watchmaker, will ....................693
Hodgson, Brynn ..........................................................245
visit report .................................................................258
Hodgson, John, of London, clock and watchmaker, will ...693
Hodson, John, watch case maker .................................275
Hoffmeyer, John, of Birmingham, clockmaker, will ........536
Hogarth, William, artist ...............................................222
Högge, J., of Chur .......................................................678-9
Hoke, Daniel ..............................................................831
Holder, Charles, of London, watchmaker, will ..........693
Holland Geneva (gin), part payment to Thwaites for turret clock........96
Holland, Robert, of London, watchmaker, will ..........693
Hollins, Geoffrey, lecture report ..................................576-7
Holloway, John, of Stroud, lantern clock .....................294, 450, 722, 758
Holloway, Thomas, of Great Haseley, clockmaker, will ....532
Holloway, William, of London, watchmaker, will ..........693
Holmden, John George, of London, watchmaker, will .....693
Holmes, George, rough watch movement ......................256
Holmes, John, of London ............................................226
paid by Magellan ........................................................27
regulator .................................................................310
turret clock, Greenwich Naval Hospital .................265
watchmaker, will (1797) .............................................693
Honey, Robert, of Borough, watchmaker, will .................534
Honeybone, Richard, of Fairfield, watchmaker, will .......528
Hood, William, of Atherstone, watchmaker, will ............536
Hoogendijk, Steven, of Rotterdam, watch, no. 21, date, moon, tide, mock pendulum....546-7
Hooijmayers, Hans .....................................................362
A Claim for Finding the Longitude at Sea by
Zumbach De Koesfelt .............................................347-64
hook and spike, see wall clock
Hooke, Robert balance spring for watches .........................251-2
development of balance spring .................................818-19
memorial stone, carved by Richard Kindersley ............24
Oldenburg, Henry, relationship with .........................252
portrait impression by Rita Greer ..................................24
Robert Hooke Foliot .....................................................251-2
Robert Hooke's Horology
letter from M.T. Wright .............................................127-9
reply by Martin Ball ..................................................127-9
Royal Society minutes 1677–1682 .................................251-2
transcription of Oldenburg's, 1661–1667 ......................251
Trinity College ms O.11a.1 .............................................128
hoop wheel, in iron-framed chamber clock ....................80
Hooper, John Alfred, obituary of ................................312-14
Hope-Jones, Frank ....................................................508, 513, 514, 520, 570, 571, 729
Hopkins, Mark, of Heywood ........................................622
Horn, Johann Antonius, of La Haye, Hague clock .........576
Horne, William, watchmaker of Leyburn, letter to Octavius Morgan ..................798-9, 802-3
Horner, Thomas, watercolour, Pontypridd bridge, 1819 .......68
horologiarius .............................................................223
Horological News ..................................................24, 468-9, 620-3, 776-86
Horological Science Newsletter, For your further reading ....136
Horologium Automatum, 1749, English translation .........362-4
Horophone ...............................................................729
Horrocks, Jeremiah, astronomer ..................................256
Horsburgh, James .......................................................485-6
horse, pedometer for use on ........................................ 539-45
Horsley, Thomas, of London, watchmaker, will ............ 693
Horstmann family, of Bath ........................................... 124
Horton, A., of Ormskirk, watch ..................................... 257
Horwood, Charles, of London, longcase clock .............. 214
Hory, Jacques, of Paris, pendulum clock ....................... 199, 204
Hottram, Thomas, clockmaker, will ............................... 538
Houdin, Eugene Robert, electric clock ............................ 573
Hougham, Charles, of London, clockmaker, will .......... 693
Houriet, Frédéric (Jacques-Frédéric) Frédéric Houriet, Le père de la chronométrie suisse, book by Jean-Claude Sabrier, reviewed ................... 97-8
apprenticeship to A-L. Perrelet ..................................... 97
Breguet, Abraham Louis, Le Locle ................................ 97
Breguet, Abraham Louis, subscription calibres .................. 97
Courvoisier, David, partnership ................................... 97
Courvoisier, Henriette, wife ........................................ 97
Janvier, Antoine ......................................................... 97
Le Locle, ................................................................. 97
Le Roy, Julien .......................................................... 97
Le Roy, Pierre .......................................................... 97
production of watches .............................................. 97
purchase of chronometer tools by Neuchâtel ............... 97
simplified form of watch .......................................... 97
spherical balance spring ......................................... 97
temperature sector dial ............................................ 97
tools for experimental chronometry ............................. 97, 98
tourbillon and other watches supplied to Breguet ... 97
How, James, of Bromley, watchmaker, will ................. 530
Howard, E., weight-driven wall timepiece ....................... 614
Howard, John Jervis, of London, watchmaker, will ....... 693
Howard, John, of London, clock and watchmaker, will .... 693
Howard, Richard, of London, watchmaker, will .......... 693
howdah, use in “sing songs” ....................................... 653
Howell, John .............................................................. 729
Howell, Thomas, of Coventry, watchmaker, will ......... 536
Howes, Henry, of Ballingdon, watchmaker, will .......... 528
Hubbard, John, Sutton’s Hospital, butler ...................... 395
Hubbard, Thomas, of Dorking, clock and watchmaker, will ........ 534
Hubbard, Thomas, of Dorking, watchmaker, will ......... 534
Hubert, David, of London, watchmaker, will .......... 693
Hubert, Jean, of Rouen, pendulum clock ................. 199, 204
Huchason, Richard, of London, clockmaker, will ......... 693
Hudson’s Bay, Ellicott regulator used ......................... 256
Huggerford, Ignatius, of London, bracket clock .......... 466
Hughes, John, of London, clockmaker, will ................. 693
Hughes, Jonathan, of Birmingham, clock dial maker ...... 477
Hughes, Thomas, of Birmingham, clock dial maker ....... 221
Hughes & Co. .......................................................... 477
Walker & Hughes ...................................................... 477-8
will, clock dial manufacturer, of Edgbaston ................. 478, 536
Hughes, Thomas, of London, clockmaker, will (1753) .... 693
Hughes, Thomas, of London, watchmaker, will (1785) .... 693
Hughes, Thomas, witness William Jourdain’s will, 1779 ... 395
Hughes, William, of London ........................................ 643
watchmaker, will ....................................................... 693
Hulbert, Charlotte, of Marshfield, widow of clock and watchmaker, will .......... 528
Hulbert, Samuel, of Marshfield, clock and watchmaker, will ........................................ 528
Hunt, John, of Berkswell, watchmaker, will ................. 536
Hunt, Samuel, of Liverpool, dial maker ....................... 660-1
Hunt, Thomas, of London, watchmaker, will .......... 693
Hunter, Thomas, of London, clockmaker, will .......... 693
Hurley, Isaac, of London, watchmaker, will ................. 693
Hurlstone, Anthony, of Woolwich, clockmaker, will ....... 530
Hurrion, Christopher, obituary of Michael Smith ........... 776-7
Hurst, Michael ......................................................... 118, 245, 703, 780
Equation of Time, letter reply ..................................... 734
Frescoes showing an Italian Renaissance
travelling clock case c. 1561, letter ............................. 580-1
Ole Rømer’s Early Pendulum Clock, letter ................. 880
Two Renaissance Clocks Punchmarked PP .................. 675-9
Hurst, Michael, and Dennis Moore, John Kaye – Liverpool ............................................ 550-3
Hutchin, James, of London, clockmaker, will ............ 693
Hutchinson, Beresford ............................................. 41-2, 578
Hutchinson, George, of Clapham, watch and clockmaker, will .......... 534
Hutchinson, William (1715–1801), Liverpool Dock Master ............................................ 553
Hutton, William, of London resident clockmaker to Magellan ............................................. 34
Hygins, Fabularum Liber ........................................... 335-6
Hyland, Albert Young .................................................. 512
I
IBM/ITR master clock .................................................. 730
IBM slave clock ......................................................... 731
IDC, Limoge enamel maker’s mark ................................ 339, see also de Court, Jean
Ikeuchi, Keiko ............................................................ 176
ILL, enameller’s mark, see Limosin, Jean
Ilbert, Courtenay Adrian .............................................. 697
Imlah, Peter, of London, watchmaker, will ................. 693
imports of Scots women to America ......................... 64, 65
UK horological .......................................................... 829
In memoriam card, Jacob Victor Kullberg, of London ...... 49
incense burner, elephant form .................................. 653
Incense Clocks, by Bernard North, lecture ................... 257
Inch, Rita ................................................................. 779
Ingersoll ‘Crown’ watch ............................................ 843
watches ................................................................. 842-4
Jourdain, William, of London
56 & 58 Artillery Lane, Spitalfields........ 390, 391
addresses........................................ 388, 389, 390-1
apprentices .................................... 389
bracket clock, musical, silver mounted ...... 285, 380-3
children of....................................... 388
church elder .................................... 385
clocks in Topkapi Palace...................... 399
escape from Dieppe............................ 384
family biography.............................. 385-6
longcase clock ................................. 399
longcase clock, month going, marquetry .... 384, 385
marriages ........................................ 388
Spitalfields church ............................. 396
theft of clocks, 1712 ........................... 389
wall clock, hooded, single handed .......... 386
will of (merchant and clockmaker) ......... 392, 534
Jourdain, William, of London, junior ....... 392
continues the Jourdain family business ....... 385
early family history ......................... 385
longcase clock ................................. 396-7
mahogany case, pagoda top ................. 396-7
month going, mahogany...................... 398
musical .......................................... 392
walnut ........................................... 588
at Sutton’s Hospital (Charterhouse) ........ 392
will of........................................... 395, 694
Joyce, James, of Whitchurch, .......................... 393
watchmaker and maltster, will .......... 533
Joyce, J.B., of Whitchurch .......................... 393
 turret clock, Lichfield ......................... 569
Julliot, Solomon, of London, watchmaker, will .... 694
Jupiter and Callisto, depiction of ........... 335
Jürgensen, Urban ............................... 98
Jury, Frederick .................................. 634, 641, 643

K

Karl I, Landgrave of Hessen-Kassel ............. 353
Kaye, John, of Liverpool, longcase clock, mahogany, lunar,
equation, calendar, tidal, and world time dials .... 550-3, 734
Kean, Charles, impresario ...................... 763
Keeling, Thomas, of Birmingham, japanner ... 471
Keen, Robert John, of Liverpool, regulator, double dial ... 240
Keene, Charles A .................................. 841
Kelham, Joseph, of London, watchmaker, will .... 807
Kemp, Thomas, of London, watchmaker, will .... 807
Kempson and Felton, of Birmingham, dial maker ...... 659
Kendall, Larcum, of London, watchmaker, will .... 807
Kening, William, of London, clockmaker, will .... 807
Kennedy, Patrick, of Dublin, watchmaker, will .... 537
Kent (county), Clockmaking in Kent, .......................... 253
lecture by Chris H.K. Williams ................. 253
Kenway, James, of Bridport, watchmaker, will .... 528
Kenyon, of Liverpool, longcase clock, lunar and day dials ... 549
Kepler, Johannes, astronomer .................. 256
key drawer, bracket clock, Ignatius Huggeford, London... 466
Keyser, Johan or John, of London, wooden clock and toy maker, will .... 807
Kilpin, Joseph William, of Portsmouth, watch and clockmaker, will .... 807
Kindersley, Richard, Hooke’s memorial stone, carved by .... 24
King, Andrew ....................................... 245, 621, 720
The Brocklesby Park Turret Clock, lecture .... 257
at Keble College Oxford AGM 2007 ........... 247
Percy Dawson Medal, 2006 ...................... 113
King, Henry, watchmaker, will ................. 807
King, John, clockmaker, of London ............. 398
King, John William, of Clerkenwell, watchmaker, will .... 807
King, Matthew .................................... 783
King, Sarah ......................................... 385, 387
King, Stephen, of Chippenham, watchmaker, will .... 536
King, Thomas, artist ............................. 681, 682
King, Thomas, of Alnwick, clock and watchmaker, will .... 532
King, William, John and Rachel ............... 392
King, William, silk dyer ......................... 385
Kipling, John, of London, watchmaker, will .... 807
Kipling, William, of London
lantern clock, miniature, Turkish numerals .... 849-54
Kirk, Joseph, of London, watch and clockmaker, will .... 807
Kirkpatrick, Ron, Time & Place, letter .......... 131
Kirwan, Richard, chemist ...................... 375
Kiser, John Peter, of London, watchmaker, will .... 807
Klassik Uhren, For your further reading ........ 135-6
Klinghammer, Frédéric, Le Comput Ecclésiastique de Frédéric Klinghammer, by Joseph Flores, reviewed .... 857
Knibb, Elizabeth ................................... 680
Knibb, George .................................... 680
Knibb, Isaiah ....................................... 680
Knibb, John, of Oxford ............................ 680-1
Knibb, Joseph, of London
bracket clock ....................................... 728
ebony, ¼ repeating .............................. 774
ebony, cross linkage striking, c. 1680 .......... 5
ebony veneered .................................. 284
dial plate, ¾” ..... ................................. 588
hour repeat design ............................. 88-9, 90
longcase clock, parquetry case ................ 170
will (of Hanslope, clockmaker) .............. 326, 680-1, 807
Knibb, Thomas .................................... 680
Knifton, Thomas, of London, will ................. 807
Knight, David, Council for the Care of Churches ... 265, 268
Knight, Edward, of Green Bank, watchmaker, will .... 807
Knight, Henry, of Birmingham, clockmaker, will .... 536
Knight, John, of Reading, watchmaker, will .... 526
Knight, Richard, of Odiham, watchmaker, will .... 529
Knight, Susan
study tours 2007 ............................... 565
proposed ......................................... 114-15, 246
study tours 2008, proposed .................... 565, 715
Knight, Thomas, of Thaxted, watchmaker, will .... 528
Knight, W., of Stafford, longcase clock ............ 222
Knill, Robert, longcase clock .................... 430
Knoblich, Theodore, of Altona, regulator, longcase ..... 420
Knottesford, William, of London watch, Seignior type regulation ...........................828
Knox, Archibald, style, mantel clock .........................................................460
Koestfelt, Conrad Zumbach de biography ........................................354
clock described in Horologium Autobarum ........................................358
Instrumentum Novum sea Horologiwm Allobarum, 1749 ........................354, 356
English translation .................................................................362-4
Korte en Nadere Verklaring over het Gebruik van het Horologium, 1752 .........................................................357
life and work ..................................................................354-60
portrait of ........................................................................361
second sea clock .........................................................359
testing his sea clock ..........................................................359
Koestfelt, Lothar Zumbach de biography ........................................351
A Claim for Finding the Longitude at Sea by Zumbach De Koestfelt, by Hans Hooijmayers .........................................................347-64
life of ..............................................................................350-3
longitude clock ..................................................................349
dial ..................................................................................351
movement ........................................................................350
planetolabium ....................................................................352, 353
sea clock, Museum Boerhaave .. .........................................................349-51
True Method of Finding Longitude at Sea, 1714 ..........................353
Vera Methodus Inveniendi Longitudines Marinai ................................353, 355
Koestfelt, Zumbach de, A Claim for Finding the Longitude, by Hans Hooijmayers .........................................................347-64
Korte en Nadere Verklaring over het Gebruik van het Horologium, Conrad de Koestfelt, 1752 .........................................................357
Koullapiss, Justin, Collectors’ Watches, lecture .................567
Kullberg, Victor, of London Admiralty prizes, 1862-96, listed on tradecard .........................................................47
archive............................................................................48
awards, 1860-85, listed on tradecard .........................................................47
awards list, on memo ..................................................................50
chronometer, marine 1931 .........................................................437, 593, 610
no. 488, trade card mention ..........................................................47
no. 4656, 8-day .................................................................614
no. 6876, locking work order ..........................................................49
Curzon, Charles, order for double roller escapements 50 frames nos 3274-79, escapement order .........................................................50
Lundquist, Sanfrid, writes to Prof. Torrens, on chronometer springing, 1940 .................................................................52-3
memo, printed with list of awards and medals 1875 ..........................50
In memoriam card .................................................................49
note to Joseph Preston & Sons ........................................................177
pen-portrait by Henry Bickley ........................................................45-7
photographic portrait, carte-de-visite ........................................45, 47
private business card .................................................................47
stationery ...........................................................................50
trade and business cards Evidence from the Transient by David Penney .................................................................45-7
Wennerstrom, George ...................................................................49
Wennerstrom, Paul J .................................................................49

L
lacquer Principles of Lacquering, lecture by Francis Brodie .........................................................125-6
lacquered case Blanchard, Abraham, of London, longcase clock, red, 3-train .........................................................603
Cumming, Alexander, of London, tavern clock .....................759
De Charmes, Simon, of London, bracket clock, musical ........................................146
Gretton, Charles, of London, longcase clock .................................................................456
Kipling, William, of London, yellow, for lantern clock .........................................................849-54
Markwick Markham, of London, bracket clock, ¾ repeating, green .........................................................754
Milner, Thomas, of London, longcase clock .................................................................460
Pike, James, of Newton Abbott, tavern clock .........................................................450
Thornton, Henry, of London, longcase clock, musical, red .........................................................757
Lacy, George, of Portsea, watchmaker, will .........................................................529
Lacy, John, of Portsea, watchmaker, will .........................................................529
Lake, Joseph, of Chipping Barnet, clockmaker, will .........................................................530
Lakeman, Mathijs Sventzoon ....................................................................................347
1593 patent .................................................................347
Lamb, Benjamin, of Clerkenwell, watchmaker, will .........................................................807
Lamb, James, of London, watchmaker, will .........................................................807
Lambford, Thomas, of Clerkenwell, watchmaker, will .........................................................807
Lamborn, John, of Cambridge, watchmaker, will .........................................................526
Lamport, Daniel, of Peckham, watchmaker, will .........................................................534
Lamport, Henry, of Plymouth, watchmaker, will .........................................................527
Lancashire, The Contribution of South-West Lancashire to the Development of Horology, lecture by Alan Treherne ....................................................................................866
Lancashire Watch Company ....................................................................................258
round head clock ..................................................................256
trade catalogue, 1898 ..................................................................192-3
wall clock ...........................................................................785
watch movements .................................................................193
watches ..............................................................................785
Lancaster, Francis, of Liverpool, watchmaker, will .........................................................531
Lancaster, Thomas, of Devonport, watchmaker, will .........................................................527
L’Ange, Nicholas (Auguste), of London, watchmaker, will .........................................................807
Langmaid, Norman obituary by Julian Gibbard .........................................................777-9
portrait of ...........................................................................778
lantern clock ........................................................................450
Ames, Rich, of Holborn ......................................................................................14, 168, 294
anonymous ...............................................................................606, 758
Barnett, John, of London ......................................................................................450, 606, 758
Bayley, Jeffrey, of London ......................................................................................168, 294, 450, 606, 758
Bower, William, of London ......................................................................................617
Clark, George, of London, Turkish market .........................................................120
Dee, William, of Windsor ......................................................................................760
Disbrow, John, of Ashen ......................................................................................168, 294
East, Edward, London, Queens College Cambridge ..................................................................419
Ebsworth, John, of Lothbury, quarter chiming .........................................................14
Fraser, John, of Worcester ......................................................................................14, 168, 294, 450, 606, 758
Gout, Ralph, of London ......................................................................................722
lantern clock, continued,
Gregory, Jeremy, of London ........................................... 168
Hedge, Nathaniel, of Colchester ......................................... 168, 294, 450, 606, 758
Hill, Benjamin, of Fleet Street, London .............................. 168, 294, 450, 606, 758
Holloway, John, of Stroud ............................................... 294, 450, 606, 722, 758
Kipling, William, of London, miniature, Turkish numerals .......... 849-54
Littlermore, Joseph, of Frodsham ...................................... 168, 294, 450, 606, 758
Looes, Thomas, of London .............................................. 168, 294, 450, 606, 758
Lorij of Paris, quarter chiming, single hand ..................... 575
Lovelock, Charles, of Warmaster ................................. 14, 168, 294, 450, 606, 758
Markwick Markham, of London, Turkish market .......... 14, 168, 294, 450, 606, 758
Mills, Richard, of Edinburgh ........................................... 779-80
Moore, Thomas, of Ipswich .......................................... 121
Moore, Daniel, of London ............................................ 758
Norris, Joseph, of Abingdon ........................................... 450, 606, 758
Power, Thomas, of London, c. 1685 ............................. 14, 160, 296
Rayment, Richard, of Bury St Edmunds ....................... 14
Robinson, Robert, of London ........................................... 14, 168, 294, 450, 606, 758
Rooe, Richard, of Eperstone ......................................... 168
Somerset made, 1680s, 8-day, passing half-hour strike 722
Stanton, Edward, of London ........................................... 294, 450, 606, 758
Stretch, Samuel, of Leck .............................................. 120
Strilling, Benjamin, of Stowmarket ............................ 120
Trubshaw, John, of London ..................................... 294, 450
Wasson, Solomon, of Bristol ........................................ 14
Woolverston, Benjamin, of London .................................. 450, 606, 758
lantern clock, 8-day duration ........................................... 722
lantern clock, Turkish market ......................................... 120
Kipling, William, of London, miniature ......................... 849-54
Markwick Markham .................................................... 14, 168, 294, 450, 606, 758

Lantern clocks

talk by David Thompson ................................................. 172, 176
Lark, Benjamin, of Waltham Holy Cross, clockmaker, will .......... 528
Larmer, James, of Farnham, watchmaker, will ................... 534
Lassell, William, of Tuxeth Park, Liverpool ...................... 659, 660
longcase clocks ............................................................ 785
Latham, John, of London, clockmaker, will ....................... 807
lathes, watchmakers’ ..................................................... 573
Lattimore, Dr Colin,  
_The History of the Longcase Clock_, lecture ....................... 724-5
Lautier, Benjamin, of Bath, watchmaker, will .................... 533
Lavet, Marius .................................................................. 877
Lawson, Richard, of London, watchmaker, will ................ 807
Lazarus, Lewis Henry, of London, watchmaker and pencil maker, will .................... 525, 807
Le Blond, William, of London, watchmaker, will ............ 807
Le Count, Daniel, of London longcase clock, marquetry case ........ 298
Le Count, Daniel, of London, continued,  
longcase clock, marquetry case, month going, lunar and tidal dial, ¼ repeat .......... 1, 102-3
le Dieu, Francis, of Leiden, de Koesfels’ _horologium_ .............. 356
Le Locle, Switzerland .................................................. 97
le Maire, Jean, of Rome, watch, straight-line balance spring .......... 818
le Maire, Jean, of St Germain, Paris, religieuse clock, c. 1680 ......................... 9
Le Maitre, draftsman ......................................................... 251
Le Plastrier, William Louis, of London, watchmaker, will .... 807
Le Roy, Jean-Baptiste (1720–1800) .................................. 130
Le Roy, Julien, of Paris ................................................... 97
mantel clock ................................................................. 566
Le Roy, of Paris, carriage clock, repeating ...................... 160
Le Roy, Pierre ................................................................. 97
detached escapement .................................................... 366
_Pierre Le Roy and the Chronometer_, letter from Jonathan Betts .............. 129-31
Lea, David, _The Balance Spring Watch_, letter ................ 272
Leach, Malcolm ............................................................. 621
Lebointe, Jacob, of Bristol, watchmaker, will .................... 528
lecture report
Allan, Coral, _Ejycare for Horologists_ ............................ 253-4
Bennett, Dr J. A. (Jim), _The Brief Infamy of Thomas Upton: ‘citizen’, watchmaker, and inventor of the Pop-Gun Plot_, 1794–6 ........ 250-1
Betts, Jonathan  
_Birth of the Chronometer_, 1750–1800 ......................... 570
_The Timekeepers of Thomas Mudge and the Manufactory of Thomas Mudge Junior_ ............................................. 866
Bird, Clifford, _Watch Stands_ ........................................... 871
Bird, Tony, _Horological Tools_ .......................................... 263
Brodie, Francis, _Principles of Lacquering_ ......................... 125-6
Bundock, Mike, _Turret Clocks of the 19th Century_ ............ 115
Buxton, David, _Restoring Painted Dials_ ............................ 261-2, 423
Cloutman, Dr Ed, _Clockhunting in Bermuda_ ..................... 123-4
Cox, Darren, _The work of a small engineering conservator at the National Museums of Scotland_ ............ 721
Darken, Dr Jeff, _Highlights of Time & Place_ ....................... 252
Day, John E., _Restoration of a Tonomp Watch_ .................. 873
Gibbons, Michael, _Metals in Watchmaking_ ...................... 565-6
Grace, David, _Chronometers and the American Market_. 866
Gray, Mark, _The Early History of Sound Recordings – Records and Mechanisms_ ............ 254-5
Greaves, Dr Ian,  
_Jewelling for English Watches and Chronometers_ ............ 257
Harrison, Dr Stuart, _Pendulum Chains_ ............................ 260-1
Hassall, Jeremy, _Joseph White & Sons_ ............................ 869
Jardine, Professor Lisa, _Still Fretting Over Priority – how Hooke tried to set the pocket watch story straight_ ............ 251-2
King, Andrew, _The Brocklesby Park Turret Clock_ ............ 259
Lattimore, Dr Colin, _History of the Longcase Clock_ ............. 724-5
Logan, Sinclair, _Tuning fork timekeeping_ ........................ 568
McQuater, Archie, _My New Clock: and Restoration_ ............. 867-8

927  _ANTIQUARIAN HOROLOGY_
lecture report, continued,

Measday, John,
A longcase clock by Thomas Schindler ................... 259-60

Midleton, Viscount Alan,
American and European Watchmaking ................... 572-3

Miles, R. H. A. (Bob), W.H. Shott ....................... 570-1

Mills, Mark, Seiko Watches ............................... 871-2

Mitchell, Arthur, The Bulle Clock ....................... 877-88

Nicholson, Jim, Early Use of Metals in Horology .... 869-70

North, Bernard
Incense Clocks ............................................. 257
The Scent of Time .......................................... 263

Nye, James, and David Rooney,
The Standard Time Company Limited .................. 427

Penney, David
American Influence on English Machine Watch
Manufacture .................................................. 258-9

Graham, Shelton, and Mudge:
their influence on precision pendulum clocks ......... 866

Machine Made Watch Manufacturing ................... 412

Priestley, Philip
American Military Timekeeping ........................ 262-3

English watch cases and their makers .................. 574

The Evolution of the Pocket Watch ....................... 420

Randall, Anthony G., Mudge Timekeeper, 'Green' ..... 722

Read, David, Observatory Time by Radio ............... 729

Read, Matthew, The Transit of Venus ................... 255-6

Ridout, Martin, Electric Clocks ......................... 872-3

Robey, John A.
Longcase Clocks from the North of England .......... 867

The Lost Secrets of 18th century Clockmakers ....... 415, 574

Rooney, David
Greenwich Royal Observatory Time Signals .......... 420-1

Greenwich Time and Clocks that Changed the World 414, 727

New Horological Galleries at the
Old Royal Observatory .................................. 117-18

Restoration of an Early Quartz Clock ............... 578-9

Smith, Peter, Development of the Bulle Clock ....... 877-8

Starr, Michael & Maria, The Magic of Automata ..... 254

Still, Roger, Longcase Clock Development ............. 263

Taylor, Dr John, Astronomers versus Horologists .... 250-1

Thompson, David
European Clockmaking 1500–1650 ....................... 416-17

Watches from Switzerland, 1580–1680 ................. 120-1

Thornton, John, Samuel Deacon of Leicestershire .... 252

Trehern, A. A. (Alan), The Contribution of South-West
Lancashire to the Development of Horology ........ 866

Warner, John,
A Miscellany of Rarely Seen Clocks .................... 571-2, 873-4

Watson, Chris, Henry Hindley of York ................. 252, 421-2

Westworth, Ian,
The Great Clock of Westminster – recent overhaul .... 868

White, Ian, The Macartney Embassy to China ........ 726

Williams, Chris H.K., Clockmaking in Kent .......... 253

Wolndale, Sir Arnold, Captain Bligh .................. 865-6

Wood, Peter C., The Coventry Watch and Clock Industry,
Then and Now ............................................. 122

Ledru, Hermand, of London, watchmaker, will ....... 807
Lee, John, of Cookham, watchmaker, will .......... 526
Leekey, Gabriel, of London, watchmaker, will ..... 807
Lehman, Philip and Robert ............................. 317
Lehman, Robert, collection ............................. 317, 340, 342
Leibnitz, Gottfried ........................................ 128
Lennox, King ............................................... 336
Lenner, Antonio .......................................... 715, 716
Leroux, John, of London, watchmaker, will ....... 807
Leroy, see also Le Roy
Leroy & Fils, mantel clock, Meissen and ormolu .... 870
Leslie, James, of London, watchmaker, will ....... 807
Lester, John (ed.),
Mrs Crowley's Sundial Sketchbooks of Devon and Cornwall
reviewed ..................................................... 707

Lester, Thomas, of Southwark, watchmaker, will .... 534
Lestourgeon, Aaron ....................................... 388
Lestourgeon, Anne ........................................ 385, 388
Lestourgeon, David, of London,
watchmaker and inholder, will ......................... 525, 807

Letters to the Editor ....................................... 127-32, 271-5, 428-30, 580-4, 731-5, 879-80

The Balance Spring Watch, David Lea ................. 272
Brass Cases for Weights, J.M. Plowman ............... 132
Camerer & Co. Ephemeris, Terence Camerer Cuss .... 271
Charles Gretton, Dennis Radage ....................... 428-9
Chronograph by Craighead & Webb, Geoffrey Crabtree ............... 272-3
Dan Cautle, Klaus Schaefer .............................. 274-5
A Dial Curiosity, Ian Coote ................................ 879
The Early English Balance Spring Watch, Martin Ball 127-9
Frescos showing an Italian Renaissance travelling
clock case c. 1561, Michael Hurst ................. 580-1
Gray & Valliuey Outworkers, Roger Smith ............ 131-2
Handley & Moore, Edward Burd ......................... 429
Harrison's inspiration, Jonathan Betts ............... 582-3
Horological Database, Roy Bavister ................. 273-4
Iron Framed Chamber Clock, Dietrich Mathes ....... 271-2
Muirhead Turret Clock, Phil Green .................... 583
Ole Romer's Early Pendulum Clock, Michael Hurst ..... 880
Pierre Le Roy and the Chronometer
Jonathan Betts ......................................... 129-31
reply by Charles Allix and Giuseppe Brusa ........... 131
Precious Metals, Michael Gibbons ..................... 733
Robert Hooke's Horology
Michael Wright ............................................. 127
reply by Martin Ball ....................................... 127-9
'Sing-Song' Gemstones, Clare Vincent ................. 879-80
Solstice, Equinoxes, and the Equaition of Time
John Davis .................................................. 734
reply by Michael Hurst ..................................... 734
Square wheeled clocks, Donald Unwin ................ 583
Time and Place, Ron Kirkpatrick ......................... 131
Turret Clock Code of Practice, Chris McKay ......... 132
The Unwin Replicas, Donald Unwin .................. 131
Lettrey, William, of Dunster, watchmaker, will .... 533
Littlemore, Joseph, of Frodsham, watchmaker, will ........................................ 808

Lincoln, Richard .............................................................. 723
Lincoln, Abraham, watch owned by ........................................ 723

Linstead-Smith, Peter ....................................................... 245

Lindley, Thomas, clockmaker ........................................... 252

Lindsay, Lord, Kullberg, marine chronometer no. 488 ......... 47

Lindsey, William, watchmaker, will ................................. 808
Lines, William, of Warwick, watchmaker, will ............... 536

Linley, Thomas, watchmaker, will .................................. 808

Linnard, William
Clocks of Cardiff, lecture ................................................ 577

Lyon, William, Afterwards, watchmaker, will ................. 808

Lyonett, William, double dial ........................................ 808

Liverpool
The Longcase Painted Dial in Liverpool, by Frances Tennant ............................. 659-74

‘Liverpool windows’

Beeley, R & G, of Liverpool, watch no. 23432 ................. 61

Lloyd, James, clockmaker, will ......................................... 808
Lloyd, William (bishop) .................................................. 819
Lloyd, William, clockmaker, will ........................................ 808
lock picks .................................................................. 722

log book

Duke of York ................................................................. 490

Earl of Balcarras ........................................................... 493

Warren Hastings ............................................................ 491

Logan, Sinclair, Tuning fork timekeeping, lecture .......... 568

London
Artillery Lane, 56 and 58 (3 and 4 Raven Row) .......... 390-1

Charterhouse ................................................................ 393-4

Queen Victoria Street
1904 view .................................................................. 507
no. 23 collapses, 1941 ................................................. 519

Underground, STC clocks .............................................. 519

London Corresponding Society ..................................... 251

long duration, month
Amsterdam maker, c 1735, walnut longcase .................... 447

Finney, of Liverpool, astronomical clock ....................... 121

Graham, George, of London, walnut longcase regulator ................................. 773

Jourdain, William jun, of London, longcase clock, mahogany ...................... 398

Jourdain, William, of London, longcase clock, marquetry ................... 384, 385

Le Count, Daniel, of London, longcase clock ..... 1, 102-3

Quare, Daniel, of London, longcase clock, marquetry case ............. 162

walnut ........................................................................ 600-1

Thistle, James, of Stogursey longcase clock, painted dial ....... 287

long duration, unspecified

Lepaute, J.J., of Paris, longcase regulator ......................... 770

Quare, Daniel, of London, bracket clock, 6 bell ¼ repeat ..................... 440

Long, Henry, watchmaker, will ........................................ 808

longcase clock asymmetrical movement, by

Inkpen, of Horsham ......................................................... 123

Muriel, William, of Horsham ........................................ 123

Murrell, of Bolney .......................................................... 123

Settler, Thomas, of Bolney ............................................. 123

bill for, Addiss, William, of London ................................. 53, 55
casework see case, longcase

The History of the Longcase Clock, lecture by Dr Colin Lattimore .................. 724-5

Longcase Clock Development, lecture by Roger Still ........ 263

Longcase Clocks from the North of England, lecture by John Robey .......... 867

longcase clock, by

Amsterdam maker, c 1735, month walnut ......................... 447

Ashmead, of Newnham ................................................... 477

Barnett, John, London, marquetry .................................... 614
longcase clock, by, continued,
Bentley's patent electric ........................................... 13
Blackford, Anthony, of Warwick, verge, ebony architectural ................................... 617, 765
Blanchard, Abraham, of London, 3-train red lacquer ... 603
Blatchley, Thomas, of Bermuda ................................ 124
Carter, Thomas, of London, arabesque marquetry, ¼ chiming .......... 155
Cleaver, John, of Chester ......................................... 474
Costen, William, of Kirkham .................................. 218
Culliford, John, of Bristol, walnut, tidal dial ............ 457
Davidson, N., of Duns, drumhead ............................ 566
Davies, Evan, of Pontypridd, mahogany, painted dial... 69
Davis, John, of Windsor, equation of time and calendar dials .......... 734
Deacon, Samuel, of Barton-in-the-Beans dated 1800 ... 220
E. Dent & Co., no. 43823, chiming .......................... 160
Eden, Ralph, of Liverpool, dial .................................. 470
Ellicott, John, of London, mahogany, 3-train .......... 165
Forsyth, James, of London, mahogany ¼ chiming centre seconds .......... 613, 884
Frealla, of London, movement .................................. 575
Fromanteel, Ahasuerus, ebony, 'Oxford' .............. 780-3
Gillmore, John, of Battle, 30-hour, ebonised, rising hood, ½ seconds pendulum .... 449
Graham, George, of London
no. 510, 30-hour oak ...................................... 605
no. 611, ebonised ........................................ 21
no. 772, walnut ........................................ 22
Greaves, Samuel, of Bromsgrove, oak .................... 607
Gretton, Charles, of London, lacquer case ............. 456
Griffiths, Thomas, of Birmingham ......................... 216, 217
Hally, Thomas, of London .................................... 566
Harrison, John, wooden regulator ......................... 786
Hartwell, James, of Uxbridge ................................ 215
Horwood, Charles, of London ................................ 214
Inkpen, of Horsham ............................................ 123
Johnson, Joseph, of Dudley .................................... 870
Jourdain, of London, various examples ................... 400
Jourdain, William jnr, of London
mahogany case, pagoda top .................................. 396
musical ......................................................... 392
walnut, moon and date ....................................... 588
Jourdain, William, of London ......................... 399
month-going, marquetry .................................. 384, 385
Kaye, John, of Liverpool, mahogany, lunar, equation, calendar, tidal, and world time dials ...... 550-3
Kenyon, of Leverpool, lunar and day dials ............. 549
Knibb, Joseph, parquetry case .................................. 170
Knight, W., of Stafford ......................................... 222
Krill, Robert ................................................... 430
Lassel, William, of Toxteth Park ......................... 785
Le Count, Daniel, of London
marquetry case .............................................. 298
marquetry case, quarter repeat .......................... 1, 102-3
Liverpool makers ........................................... 784
Magellan, John Hyacinth de, of London, mahogany, grande sonnerie ......................... 40-1
longcase clock, by, continued,
Milner, Thomas, of London, blue lacquer ................. 460
Mudge, Thomas, mahogany .................................. 752-3
Muncaster & Son, Isle of Man .................................. 478
Muriel, Will, of Horsham .................................... 123
Murrel, of Bolney ................................................ 123
Nicholas, W. & C., of Birmingham ......................... 474
Pattison, John, of Halifax, swaying balloon in arch .... 120
Plowman, Joseph, of Chichester ......................... 476
Quare, Daniel, of London
month-going, marquetry case ................................ 162
month-going, walnut case ................................ 600-1
Royle, Thomas, of Whitehaven, 3-train oak ........... 607
Sanderson, John, of Wigton (stolen) ......................... 432
Schindler, Thomas, of Canterbury ......................... 259
Setter, Thomas, of Bolney .................................. 123
Sewell, of Liverpool (stolen) ................................ 277
Smith, James, of London, musical ................................ 12
Stansbury, Richard c. 1725 .................................. 8
Stubbs, Thomas, of London ................................... 158
Thornton, Henry, of London, musical, red lacquer .... 757
Thistle, James, of Stogursey, painted dial, month, lunar and calendar .......... 287
Torkington, Jesse, of Newcastle-under-Lyme .......... 145, 213, 214
Urie, Walter, of Dundee ........................................ 220
Walker, Charles, of Ludlow .................................. 722
Whitehurst, John, of Derby
timepiece, centre-seconds .................................. 722
two train, six bell chime .................................... 120
Wilson, William, of Kendal .................................. 212, 213
Wright, James, of Knowle, oak ................................ 607
Wyke, John, of Prescot ........................................ 569
mahogany, lunar indication .................................. 848
longcase regulator, see regulator, longcase
longitude, methods for finding
Apian, Peter .................................................... 348
astronomical ..................................................... 348
Jupiter's moons .................................................. 348
Ley, Jarichs van der ........................................... 348
lunar distancing .................................................. 348
using a clock .................................................. 349
using Earth's magnetic field .................................. 348
Werner, Johann .................................................. 348
Zumbach de Koesfelt's claim ................................ 347-64
Loomes, Brian,
Watchmakers and Clockmakers of the World, reviewed .... 236
Loomes, Thomas, of London, lantern clock ............. 168, 294, 450, 606, 758
Loop, William, of Tunbridge Wells, watchmaker and jeweller, will .............. 530
Loosdrecht, Castle Sypesteijn, visit by Dutch Section ...... 575
Lorić of Paris, lantern clock, ¼ chiming, single hand .... 575
Lovelace, William, watchmaker, will ...................... 808
Lovelock, Charles, of Warminster, lantern clock .... 14, 168, 294, 450, 606, 758
Lowndes, Jonathan, of Marthall, watchmaker, will .... 527
Lowne Electric Clock and Appliance Co. .......... 515, 516, 517
M

Maberley, John, clockmaker, will ............................................ 808
Macartney, 1st Earl of, The Macartney Embassy to China, lecture by Ian White .......................................................... 726
McCrosan, Joseph, of Glasgow, bill for clocks, 1863 61, 62
McGonigle, John ................................................................... 621
McGonigle, Stephen ................................................................ 621
Machine Made Watch Manufacturing, lecture by David Penney .......................................................... 412
Mack, Frank, see Scott, Mack & Clarke
McKay, C. G. (Chris) .............................................................. 427
book review ........................................................................ 98-100
Conservation Approach to Turret Clocks, lecture .............. 876
lecture report ....................................................................... 265-6
Turret Clock Code of Practice, letter ................................. 132
Turret Clock Weights, Pulleys, and Pendulums, lecture ... 877

Mackay, John, of Dorking, watchmaker, will ...................... 534
Mackie, James, watchmaker, will ........................................ 808
McLachlan, Hugh, watch and clockmaker, will ............... 808
Maclaurin, Prof. Colin .......................................................... 566
McMaster & Son, of Dublin, carriage clock, no. 3666, ¼ striking, duplex ......................................................... 453
McNeal of London, barometer .............................................. 123
McQuater, Archie, My New Clock: and Restoration, lecture 867-8
Maddox, Edward, watchmaker, will .................................... 808
Magellan, John Hyacinth de account of Mudge marine timekeeper no.1 .................................................. 367
account of Mudge’s travelling clock (The Polwarth) ........ 368
association with Thomas Mudge ........................................ 365
clock no. 6 ........................................................................ 29-31
clock no. 7 ........................................................................ 31-3
clocks nos. 8 & 9, Portugal, Coimbra University ............. 34-6
clock no. 10 ...................................................................... 36
clock no. 11 ...................................................................... 36-7
clock no. 12 ...................................................................... 36-8
clock no. 13 ...................................................................... 39-40
clock no. 14 ..................................................................... 40-1
clock no. 15 ...................................................................... 41-2
clock no. 16 ...................................................................... 42-3
clock no. 17 ...................................................................... 43-4, 371
detached escapement ...................................................... 366, 370
escapements ..................................................................... 27
Iberian contracts .................................................................. 25
John Hyacinth de Magellan (1722–1790), by Jonathan Betts
Part 3: The later clocks and watches .................................. 25-44
Part 4: The Precision Pioneers ............................................ 365-75
later clocks & regulators ..................................................... 34-44
letters in Bodleian Library .................................................. 374-5
lever escapement, involvement with ................................. 374
marine timekeeper ............................................................. 375
Observations sur la Physique .............................................. 367
payment to Josiah Emery ................................................... 374
payment to Thomas Wright .............................................. 374
regulator, portable ............................................................. 26
Thomas Grignon ................................................................. 27
Vulliamy, Benjamin, letter .................................................. 375
watch by Alexander Hare, no. 561 ................................. 33-4
watches for the Iberian contracts ..................................... 33
wooden rod pendulum ...................................................... 29
Magna Time Company ......................................................... 516-17
magnetic field of Earth, use of to find longitude ............... 348
Magnicar, Charles, of London ............................................ 646
Magnicar, Francis, of London ............................................. 637
Mahieu of Coigne, iron chamber clock, 1596, with automata 159
Maillard, Henri ................................................................. 641
maintaining power, bolt and shutter, Magellan, John Hyacinth de, of London, clock 16 ........ 42-3
maker’s mark, see also watch case maker’s mark
OH, silver mounted blackjack ......................................... 798
Mallet, of Barnstaple, later Bath, London and New York, regulator, longcase ......................................................... 451
Manchester, Greater Manchester Clocks and Clockmakers, by Edmund Davies, reviewed ........................................... 236-7
Mann, Edward, of Coventry, watchmaker, will .................... 536
Mann, Robert, of Maidenhead, watchmaker, will ................. 526
Manning, captain of Thomas Greenville ............................ 487
Mansell, William, watch-case maker .................................. 151
Mansfield, Thomas, watchmaker, will ................................. 808
mantel clock
Angoille, of Paris, tortoiseshell ........................................ 766
anonymous
French ormolu, calendar, sweep seconds .......................... 769
pewter, Archibald Knox style .......................................... 460
Barker, of London, marble ............................................... 302
Boulton, Matthew, ‘Minerva’, stolen ................................ 308
Le Roy, Julien, of Paris .................................................... 566
Russell of Liverpool (stolen) ............................................. 277
Vulliamy of London, no. 351 ............................................ 157
mantel regulator, see regulator, table
map of hemispheres, on rolling-moon dial ........................ 473
Mapaw, James, clockmaker, will ........................................ 538
Maragna, Tony
A Gold Pocket Chronometer by Ulysse Breting, note ... 845-7
Secretary, East Anglian Section ....................................... 121
For your further reading ................................................ 432, 585, 881-2
Marcheix, Madeleine ..................................................... 335, 336, 339
Margels, Carl, collection ................................................ 323, 334
Margetts, George, of London
chronometer, no. 176 .................................................... 497
chronometer, marine
no. 177 ........................................................................ 493, 497
no. 210 ........................................................................ 497
no. 211 ........................................................................ 492, 493, 496
Marie, David, watchmaker, will ....................................... 808
marine timekeeper, see timekeeper, marine
Markwick, James, of London, clockmaker, will (1716) ....... 808
Markwick, James, of London
watch, Barrow type regulation ....................................... 827
Markwick Markham, of London
bracket clock, ¼ repeating, green lacquer ....................... 754
clock, for Turkish market ............................................... 798
lantern clock, Turkish market 14, 168, 294, 450, 606, 758
marquetry case, bracket clock
Huggeford, Ignatius, of London ........................................ 466
marquetry case, longcase clock
Barnett, John, of London ................................................ 614
Carter, Thomas, of London, arabesque ............................ 155
Jourdain, William, of London, month-going ..................... 384, 385
Knibb, Joseph, parquetry ................................................ 170
Le Count, Daniel, of London ............................................. 298
quarter repeating ........................................................... 1, 102-3
Quare, Daniel, of London, month-going ............................ 162
Sewell, of Liverpool, lunar dial (stolen) ............................... 277
Marriott, John, of London
gardener’s boy clock ...................................................... 651
Mars, depiction of .......................................................... 325, 327
Marsden, John, clockmaker, will ..................................... 808
Marsh, George, shelf clock .............................................. 13
Marshall, Benjamin, of London, clockmaker, will ............... 808
Marshall, Samuel, of London, clockmaker, will ................. 808
Marshall, Tony, Turret Clock Stands, lecture ....................... 877
Martin, Edmund, of London, watch & clockmaker, will .... 808
Martin, Jeremiah, of London, watch & clockmaker, will .... 808
Martin, John, of London, clockmaker, will ......................... 808
Martin, Michael, of London, watchmaker, will ................... 808
Martin, William, of London, watchmaker, will ................. 808
Martrineau, Joseph, of London, watchmaker, will ............. 808
Martinot, Balhazar, of Paris
pendulum clock ............................................................. 199, 204, 205, 207
Martinot, Gilles, of Paris
mentioned in Huygens’ correspondence ......................... 197
pendulum clock ............................................................. 199, 204
Maskelyne, Nevil, lunar distance tables ............................ 348
Mason, Edward, of Bedwardine, watchmaker, will .......... 537
Mason, John, of Southwark, watchmaker, will ................. 534
Mason, Samuel Taylor, of Olney, watchmaker, will ........... 526
Mason, William, of London, clockmaker, will ................. 808
Mason, William, of London, watch and clockmaker, will .... 808
masonic symbols
barometer, Brace & Girdle ............................................. 154
trade card ................................................................. 45
Massey, Henry, of London, watchmaker, will .................... 808
Massey, William, of Nantwich ......................................... 668-9
Massy, Henry, of London
bracket clock, tortoise-shell case, ¼ repeating ................... 169
Massy, Nicholas, of London, clockmaker, will ................. 808
Master of the Die, Wedding Feast of Cupid and Psyche .......... 327
Matchett, John, of London, clockmaker, will ................. 808
Mathews, William, of London, clockmaker, will ............... 808
Mathews, William, of London, watchmaker, will ............... 808
Matthes, Dietrich, Iron Framed Chamber Clock, letter ... 271-2
Matthews, John, of Leighton Buzzard
watch manufacturer, will ............................................. 526
Maud, Edward, of London, watchmaker, will ................. 808
Maxwell, Archibald, of London, clockmaker, will .......... 808
Mayer, Tobias, astronomer ............................................. 348
Mayson, Henry ............................................................. 389
Mealor, Joseph Kimberley, My Grand-Father clock, poem. 584
Measday, John, A Longcase clock by Thomas Schindler, lecture 259
Meech, Robert, of London, watchmaker, will ................... 809
Meeker, Claude ............................................................ 839
Meinen, Warner, The Gretton Book Project Update .......... 735
memorial stone, to Dr Robert Hooke ................................ 24
Menil or Menill, Vincent, of Amsterdam, clockmaker, will .... 538
Mercer, Hay, of Aberdeen
bill, E.C. Bracebridge & Co., 1855 ................................. 55, 57
Mercer, John, of Devon Clocks ........................................ 119
Mercer, Seth Clark, of Broomfield
watch manufacturer, will ............................................. 536
Mercer, Thomas, Ltd, chronometer, marine ....................... 725
Mercer, Thomas, of Coventry, watch manufacturer, will ... 536
Mercer, Thomas, of St Albans
note to Joseph Preston & Sons ....................................... 179
Mercy-Angelou, Florimond Claude, Count de
owner of Emery lever watch ........................................ 374
Meridian watch, J.W. Benson .............................................. 184
Merlin, John Joseph ...................................................... 641
gout chairs ....................................................................... 726
Mesnil, James, of London, watchmaker, will .................... 809
metallurgy
The Early Use of Metals in Horology,
lecture by Jim Nicholson ................................................ 869-70
Gibbons, Michael
Metals in Watchmaking, lecture ...................................... 259
Precious Metals and Other Materials in Timekeeping,
lecture ................................................................. 565-6
Precious Metals, letter .................................................... 733
Metamorphoses, Ovid ....................................................... 319
Michell, J., of Chardstock, lantern clock .......................... 14, 168, 294, 450, 606, 758
Michell (Mitchell), John, of Chardstock, clockmaker, will ...... 528
Midlands Section, see AHS, Midlands Section
Milan and Tuscany Study Tour
photograph of tour group ............................................. 718
report by Mr & Mrs Geoffrey Spencer .............................. 715-19
Milbank, Sir F.A., M.P. .................................................... 798
Miles, George, of Southwark, watchmaker, will .......... .......................... 534
Miles, R.H.A. (Bob) obituary of Francis Wadsworth .............. 468-9
W.H. Shortt, lecture ........................................................ 570-1
Miles, R.H.A. (Bob), and Martin Ridout, Brillé Electric Clocks
advertised ...................................................................... 403, 554, 709
reviewed ......................................................................... 548
Military Timekeeping in America,
lecture by Philip Priestley ............................................. 262-3
Miller and Adie, barometer ............................................. 566
Miller, Frederick, bracket clock, miniature musical .......... 892
Miller, John, of Bedford, watchmaker, will ..................... 526
Miller, John, of London, watchmaker, will ..................... 809
Mills, Humphrey, of Edinburgh ...................................... 779-80
Mills, John Thomas, of Bermondsey, watchmaker, will ...... 534
Mills, Mark, Seko Watches, lecture ................................ 871-2
Mills, Richard, of Edinburgh, lantern clock ....................... 779-80
Mills, Robert, of London, watchmaker, will ................. 809
Milner, Thomas, of London, longcase clock, blue lacquer 460
Minerva, Matthew Boulton mantel clock ........................ 308
Ming, K.J.,
Some Notes on An Iron-framed Chamber Clock ........... 76-81
Mitchell, Arthur
The Bulle Clock, lecture ................................................ 877, 878
Library Notes .............................................................. 113-14, 246, 410-11, 564-5, 714, 867
Mitchell, John, of Chardstock, see Michell (Mitchell), John
Mitford, John, of London, clockmaker, will ................. 809
mock pendulum balance (on watch)
Hoogendijk, Steven, of Rotterdam, no. 21 ..................... 546-7
mock pendulum (clock), see false pendulum
Molden, Joseph William ................................................ 517, 518
Molee, Peter, of London, watchmaker, will ..................... 809
Molyneux, Robert, of London, watchmaker, will .......... 809
Molyneux, William, of Blackheath, clock and watchmaker, will.... 530
Mondo Hermetic calendar clock ..................................... 567-8
Monk, William, of Berwick St John, clockmaker, will ...... 537
Monkhouse, John, of London, clockmaker, will ............. 809
Monkton House, AHS Scottish Section visit .................. 413
Monro, Benjamin, of London, watchmaker, will .......... 809
Monro, George, of Edinburgh, bracket clock ............... 566
Montpensier, Mlle de ...................................................... 347
moon dial, see lunar indication
Moor, Thomas, of Ipswich, lantern clock ....................... 121
Moor, Thomas, of London, watchmaker, will ............... 809
Moore, Daniel, of London, lantern clock ....................... 758
Moore, J., turret clock, Hexham Abbey ......................... 427
Moore, John and Sons, of Clerkenwell, turret clock ......... 124
Moore, John, of London, clockmaker, will ................. 809
Moore, Thomas, of Ipswich, clockmaker, will .............. 533
Moores, John, watch jewels ......................................... 417
Moorhouse, R., of Liverpool ........................................... 669-70
Moorhouse, Robert, of Padham ..................................... 670
Moorhouse, William, of Liverpool, longcase clock dial .... 669
Moran, Andrew, of London, watchmaker, will ............. 809
Morcombe, John, turret clock, maker ......................... 99
Morden College, Blackheath ......................................... 391, 393
Morgan, J. Pierpoint ..................................................... 317
collection, watches .................................................... 337
Morgan, John, of London, watchmaker, will ............... 809
Morgan, Octavius, archive in British Museum listed
The Octavius Morgan Archive: Addendum,
by David Thompson ................................................... 798-803
Morgan, Owen, also known as Morien, biographer of Evan Davies .............................................. 66
Morganwg, Myfyr, 66-75, see also Davies, Evan, of Pontypidd Morien, see Morgan, Owen
Morin, Jean-Baptiste ..................................................... 250
Morris, John Hilton, of London, watchmaker, will .......... 809
Morris, Vernon .......................................................... 566, 572
Morris, William, of Chipping Barnet, watchmaker, will ... 530
Morris, John, longcase regulator movement, c. 1870, no. 5050 by Frederick William Clerke .............. 87
Morrison-Low, Alison .................................................. 779-80
Morten, Walter Victor .................................................. 510-11
Mortlake or Mortlock, Samuel, of Clapham, watchmaker, will ..................................................... 534
Moseley, Jacob, of Neath, watchmaker and jeweller, will ... 538
Moss, Thomas, of London, watchmaker, will ............... 809
Mossman, William, of London, watchmaker, will .......... 809
Mortera or Mottram, Thomas, clockmaker, will .......... 538
Mould, William, of London, watchmaker, will ............. 809
Moulin, Marcel ............................................................ 877
Mowtlew, Henry, of London, clockmaker, will ............. 809
Mowtlew, Henry (II), of London, clockmaker, will ... 809
Moxon, Joseph, of London, watchmaker, will ............. 809
Mudge, Thomas
chronometer, marine .................................................. 135
no. 1 ......................................................................... 723, 786
no. 4 ........................................................................... 786
‘Blue’ ........................................................................... 441, 786
‘Green’ ......................................................................... 786
Mudge, Thomas, continued,
Graham, Shelton, and Mudge: their influence on precision pendulum clocks, lecture by David Penney... 866
longcase clock, mahogany ........................................ 752-3
Mudge ‘Green’, lecture by Anthony Randall ........... 722
Polwarth travelling clock ........................................ 368-9
portrait by Baker .................................................. 365
The Timekeepers of Thomas Mudge and the Manufactory of Thomas Mudge Junior, lecture by Jonathan Betts ... 866
travelling clock ..................................................... 723
will ........................................................................ 809
Mudge, Thomas & William Dutton, London
bracket clock, mahogany ........................................ 147
Mueller-Maerki, Fortunat E.
book review .......................................................... 100-1, 401-2, 705-6
lecture report .......................................................... 576
Riefler clocks, lecture .............................................. 576
Muirhead & Son, of Glasgow
Muirhead Turret Clock, letter from Phil Green ........ 583
turret clock dated 1861 ........................................ 267, 583
Mulford, John, of London, clockmaker, will .......... 809
Muncaster & Son, Isle of Man, longcase clock ........ 478
Munday, Thomas, of London, clockmaker, will ...... 809
Munger, Asa, wall clock ........................................... 13
Murch, turret clock, maker ...................................... 99
Murdy, Thomas J. .................................................. 510-11
electric clock .......................................................... 723
patent, no. 15,664, 1901 ........................................... 510-11
Muir, Will, of Horsham
30-hour longcase clock, asymmetrical movement ... 123
Murray, James, of London, chronometer maker, will ... 809
Murrel, of Bolney, asymmetrical longcase movement ... 123
museum
Amsterdam, Rijkmuseum, Coster clock .................. 196-7
Angers, Musée d’Angers ......................................... 345
Barnard Castle, Bowes Museum .......................... 42
Birkenhead, Williamson Museum and Art Gallery,
exhibition, Your Time ........................................... 549-53, 783-5
Birmingham,
Collections Centre, visit by AHS Midlands Section... 870
Burgos Town Hall, Jourdain longcase clock ........... 400
Bury St Edmunds, Manor House ............................ 131
Cambridge, Whipple Museum of the History of Science,
Unwin replicas .................................................... 131
Coimbra University physics department,
John Hyacinth de Magellan, clock no. 8 ............... 35
Edinburgh, National Museums of Scotland ............ 323
Exeter, Royal Albert Memorial ............................... 119
Florence, Science Museum .................................... 719
Geneva, Patek Philippe Museum ............................ 318
Pierre Delande watch ............................................. 336
Halifax, Bankfield Museum, AHS visit ................. 418
Helsinki, University Astronomical Museum,
John Hyacinth de Magellan, clock no. 12 ........... 36, 37-8
Ilkley, Manor House ............................................. 417
Istanbul, Topkapi Palace,
Jourdain of London, longcase clock ..................... 399
Kroppedal ............................................................ 625
}

museum, continued,
La Chaux de Fonds,
Musée International d’Horlogerie ........................ 318, 337
Leiden, Boerhaave Museum of the History of Science
Coster, Salomon, pendulum clock ......................... 197
Koeselt, Zumbach de, clock ................................ 349
London, University Science Museum,
John Hyacinth de Magellan, clock no. 6 .............. 29
London, British Museum
AHS study visits
marine chronometers ........................................ 115
unusual watch dials ............................................. 420
The British Museum Watches,
by David Thompson, reviewed ......................... 855-6
East Anglian section visit .................................... 723-4
Emery, Josiah, bracket clock ................................. 372-3
London, Clockmakers’ Company Museum ............ 725
Grignon & Son, wall clock ................................. 371-2
London, Greenwich, Old Royal Observatory
early quartz clock ........................................... 117, 578-9
new galleries ...................................................... 315-16
New Horological Galleries ................................ 117-18
new planetarium ............................................... 315-16
visit by AHS Midlands Section, 2007 .................. 257-8
London, Science Museum
Coster, Salomon, pendulum clock ....................... 199
London, Victoria and Albert Museum ................ 331
Milan
Castello Sforzeco .................................................. 717
National Museum of Science and Technology ....... 717
Poldi Pezzoli ....................................................... 716-17
New York, Metropolitan Museum of Art 317, 325, 330-3
Michael Friedsham Collection .............................. 343
Oxford, Museum of the History of Science ............ 172
Clockfet .............................................................. 172
lanten clock talk by David Thompson ................. 172
Time & Place Exhibition ................................... 23, 131, 172-6
Ponypidd, Wales, longcase clock by Evan Davies .... 69
Prague, Museum of Decorative Arts
Jourdain longcase clock ........................................ 398
Prescot, exhibition, Your Time ......................... 549-53, 783, 786
Rockford Time Museum ....................................... 40
Saint-Nicolas D’Aliermont, new museum ............. 315
St Petersburg, State Hermitage, enamel plaque ...... 342
Stockholm, Nationalmuseum ................................. 779
Tastrup, Denmark, Ole Romer museum ................ 625
Toulouse, Musée Paul Dupuy ................................ 413
Waddesdon Manor, Limoges enamel ..................... 339
Zaandam, Nederlandse Uurwerk .......................... 101, 125, 198, 199
musical box, Béliard, François ............................... 655
musical clock, see also organ clock
Borrall, Henry, of London, with automata ............. 656
Cox, James, of London
goat, with automata ........................................... 655-6
pagoda, with automata ........................................ 650
silver with bust of George III, with automata ....... 639
Craeke, William, of London, tortoise-shell and silver ... 387
De Charmes, Simon, of London, lacquered case .... 146

© 2011 Antiquarian Horological Society. Reproduction prohibited without permission.
musical clock, continued,
Duchesne, Claude, of London, bracket clock ........381
Handley & Moore.................................................. 153
Jaquet Droz, Henri-Louis, bird cage with automata.... 641
Jourdain, William jnr. of London, longcase........... 392
Miller, Frederick, bracket clock, miniature ........ 892
Norton, Eardley, at Buckingham Palace, 1765 ...... 88
skeleton, Gothic cathedral .................................. 13
Smith, James, of London, longcase clock .............. 12
Thornton, Henry, of London, longcase clock .......... 757
Torckler, Peter, of London, with automata .......... 640-1
Vallin, Nicholas.................................................. 597, 695-703
musical train and barrel .................................. 700-3
Myers, John, of Southwark, clock and watchmaker, will ... 534
Myfyr, Ieuan....................................................... 66

N
nag's head striking, *Muirhead Turret Clock* ........ 582
Nalder, Noel Francis........................................... 510-11
Napier, Thomas, of Glasgow, watchmaker, will .... 537
Nash, Samuel, of London, watchmaker, will .......... 809
NAWCC, meetings .............................................. 779
N.D., case maker's mark ...................................... 819
Neall, James, of London, watchmaker, will .......... 809
Neate, Robert, of London, watchmaker, will .......... 809
nécessaire .......................................................... 656
Cox, James ....................................................... 634
Negus, T.S. & J.D., of New York ......................... 726
Nelthropp, Rev. H. L., letter to Octavius Morgan.... 798-801
*Neptune Pursuing Coronis*, depiction of .......... 326
Netherlands
clocks from Eastern part
catalogue, reviewed ............................................ 101
quest for longitude in .......................................... 347-9
Neuchâtel, purchase of Frédéric Houriet's tools ...... 97
Neuens, Peter, of Greenwich, clock & watchmaker, will ... 531
Newbridge
English name for Pontypridd .................................. 67
written on clock dials intending Pontypridd ....... 68
Newbrough, Thomas, of London, watchmaker, will .... 809
Newcomb, Joseph, of London, watchmaker, will .... 809
Newitt, Edward James......................................... 510, 523
Newitt, Edward James Dunn, 510, 512, 513, 522, 523
Newman, Edward, Wisbech St Peter, watchmaker, will ... 526
Newman, John, of London, watchmaker, will .......... 809
Newman, Nathaniel, of London, clockmaker, will ..... 809
Newman, of London, barometer ............................. 123
Newman, William, of London, watchmaker, will .... 809
Newsam, Bartholomew, of London, will ............... 524, 680, 810
Newsham, William, of London, watchmaker, will .... 810
Newsome & Co., of Coventry, watch manufacturer
illustration of premises ....................................... 58, 59
letterhead 1897 .................................................. 55, 58
watch, no. 124774 ............................................... 55, 58
Newson, John, of London, watchmaker, will ....... 810
Nicholas family, of Birmingham
clockmakers and clock dial makers ..................... 473-5
Nicholas, C. & J.................................................. 474, 475
Nicholas, Caleb.................................................. 473-5
Nicholas, Joshua .................................................. 474
Nicholas, W. & C.................................................. 474
longcase clock .................................................. 474
Nicholas, W., C. & J............................................. 474, 475
Nicholas, William ............................................... 473
Nicholas, William, of Kingston, clockmaker ........... 473
Nichols, James, of Bristol, clock and watchmaker, will .... 528
Nicholson, Jim,
*The Early Use of Metals in Horology*, lecture ........ 869-70
Nicole & Capt, watch dated 1843 ......................... 258
Nicoll, William, of London, watchmaker, will ....... 810
night clock movement, Stanton, Edward, of London ... 461
Nightingale, Thomas, of London, clockmaker, will .... 810
Noakes, William, of London, watchmaker, will ...... 810
Nodson, John, of London, watchmaker, will .......... 538
Noo, Thomas, of Burton upon Trent, clock and watchmaker, will ... 533
Noo, William, of Ashby de la Zouch, clock and watchmaker, will ... 531
Normal-Zeit, of Berlin ........................................ 513, 516
Norris, Edward, of London, clockmaker, will ...... 810
Norris, Joseph, of Abingdon, lantern clock .......... 450, 758
North, Bernard
In*ense Clocks*, lecture ...................................... 257
*The Scent of Time*, lecture ................................ 263
North, John, of London, clockmaker, will ........... 810
North, Richard, of London, watchmaker, will ....... 810
Northern Section, see AHS, Northern Section
Norton, Eardley, of London
apprenticed to Robert Dawson of Alford .......... 88
birth, Lincolnshire 1728 ...................................... 88
clockmaker, will .................................................. 810
Clockmakers’ Company ........................................ 88
death 1792 .......................................................... 88
*Eardley Norton’s 1771 patent for striking clocks & repeating watches*, by John A. Robey ........ 88-95
fake watches ....................................................... 88
musical clock of 1765, Buckingham Palace .......... 88
patent no. 987, 1771 .............................................. 88-95
Figs 1 to 6 ....................................................... 89-95
St John Street, Clerkenwell 1760 ...................... 88
*Yeldrae* (Eardley backwards) ......................... 88
Norton, Samuel, of London, watchmaker, will ....... 810
Notes
*Church clock, St Mary of Charity, Faversham, Kent*, by Mike Bundock .................................. 96
*A Gold Pocket Chronometer by Ulysse Breting*, by Tony Maragna .......................... 845-7
*Regulator by Viner, London c. 1813* ................. 225-7
novelty clock
at AHS Northern Section meeting ......................... 721-2
Thomas, Seth, violin shaped clock .......................... 13
numerals, Turkish
Kipling, William, London, lantern clock .................. 849-50

Nye, James
Dr Alan Shenton Award, 2008 ................................. 714, 864
lecture report ..................................................... 579, 729-31
meeting reports .................................................. 125-6, 269-70

Nye, James, and David Rooney,
'Such Great Inventors as the Late Mr Lund': an introduction to the Standard Time Company, 1870–1970 .......... 481-500

O

Oakley, William, of London, watchmaker, will ........... 810
Observatory Time by Radio, lecture by David Read .... 729
obituary, of
Allen, Ralph .................................................................. 422
Blackwell, Dana J. (1917–2007) ............................... 468
Hooper, John Alfred (1942–2007) ......................... 312-14
Langmaid, Norman (1914–2008) ......................... 777-9
Scott, Rev. John Gilbert Mortimer (1925–2007) ....... 312
Smith, Michael (1930–2008) ..................................... 776-7

observatory
Abo (Turku) .............................................................. 38
Coimbra University, J.H. de Magellan, clock no. 9 .... 35
Edinburgh .............................................................. 566-7, 571
Greenwich, Royal Observatory, instruments by Graham .................................. 720
Helsinki, University de Magellan, clock no. 12 .... 36, 37-8
Kew
letter 1897 Roskell & Co. ........................................ 59
Newsome & Co. watch 124774 ................................. 58
Lisbon, S. Jorge Castle .............................................. 33
Madrid, National Observatory ................................. 26
John Hyacinth de Magellan, clock no. 13 ............. 39
observatory, portable ............................................... 26
Odiham, The Clockmakers of, by Mark Forrester, reviewed ........................................ 237
Ogden, Samuel, lantern clock .................................. 419
OH, maker’s mark, silver mounted blackjack ......... 798
Oldenburg, Henry
Hooke, Robert, relationship with ............................ 252
Secretary of the Royal Society, minutes ................. 251-2
Oldham, John Charles, of Southam, watchmaker, will 536
Oliphant, George, of London, watchmaker, will .... 810
Olive, Thomas, of Falmouth, watchmaker, will ....... 527
Ollive, Thomas, of Cranbrook, watchmaker, will ....... 531
Omega, Megasonic watch ........................................ 568
Oosterwijk, Severijn, of The Hague
mentioned in Huygens’ correspondence .................. 197
pendulum clock .................................................... 199
signature ............................................................ 203
Oosterwijk, Severijn and Johann
table clock .......................................................... 728
Opregte Leydse Courant, De ................................ 352

Oram, Charles, of Bruton, clock and watchmaker, will 533
organ clock .......................................................... 575
Pringle, George, of Edinburgh ............................. 566
Pyke, George, of London ......................................... 631, 632
oriodwru, Welsh word for horologist ...................... 67
Orypton, Rape of, depiction of ................................. 339
Ormond, Charles, and James Nye, meeting report .... 749, 877-8
Orpheus attacked by the Maenads, depiction of .... 339
Orpheus Charming the Animals, depiction of .......... 343
Orpheus clock .......................................................... 463
Orpheus, Head & Lyre in the River Hebrus, depiction of 339
orrery, Frazer, William ........................................... 726
Osborne & Wilson
addresses ............................................................ 215
dial makers ......................................................... 211
falseplates .......................................................... 215
partnership .......................................................... 212
partnership dissolved ............................................. 215
Osborne, Ann ......................................................... 212
Ashed connections ................................................ 217
death of ............................................................. 217
dialmaker ............................................................. 210
Osborne, James ...................................................... 221
Osborne, James & Ann
addresses ............................................................ 215
dial makers ......................................................... 215
falseplates .......................................................... 218
Osborne, Samuel .................................................... 212, 213
death of ............................................................. 216
will of ................................................................. 213
Osborne, Thomas Hadley ....................................... 213
dial maker ........................................................... 215
Osmond, Richard, of London, watchmaker, will .... 810
Ovenden, C., trade receipt, Kullberg, Victor, of London .... 49
Overall, Henry, of Dover, watchmaker, will .......... 531
Overall, Joseph, of Wellingborough, watchmaker, will .... 532
Ovid, Metamorphoses ............................................. 319, 326, 335, 339, 342
Owen, David, of Llanwrst, longcase clock dial ....... 661
Owen, Edward, of Birmingham, dial maker ............. 659
Owen, John, of Pwllheli, longcase clock dial .......... 662, 663
Owen, Owen, of Amwth, longcase clock dial ........... 663-4
Owen, William, of Holyhead, longcase clock dial .... 665
Owens, Owen, of Llanerchymedd, longcase clock dial .... 661
Oxford
Keble College, AHS AGM and Conference, 2007 .... 245-52
Museum of the History of Science see museum
Oxford, William, of Brighton, watchmaker, will ....... 535

P

Pace, Thomas, of Chelmsford, watchmaker, will .... 528
Pace, Thomas, of London, watchmaker, will .......... 810
Packer, William, of Buckingham, watchmaker, will .... 526
Packwood, Samuel, of Coventry, watch case maker, will .... 536
Page, Charles, of London, watchmaker, will .......... 810
Page, John, of Ipswich, watchmaker, will ............... 533
Page, Mike
Percy Dawson Medal, 2005 .................................................. 119
photograph of ................................................................. 569

Paillard, Charles-Auguste ................................................... 733

Paillet, Daniel, of London, watchmaker, will .................................. 810

Pain, Aaron ...................................................................... 384

Pain, Rachel ...................................................................... 384

Paine, Jonathan Purchis, of London
church clockmaker, will ......................................................... 396, 810
turret clock, Spitalfields church .................................................. 396

Painted dial, see dial, painted
Painted Dials, Restoring, lecture by David Buxton, 261-2, 423
painting of, see portrait of

Palfrey, John, of London, clockmaker, will ........................................... 810

Palin, William, of Nantwich, clock and watchmaker, will .......................... 527
pallets, adjustable, Magellan, J.H. de, clock no. 6 .......................... 30
pallets, detachable nibs, Magellan, J.H. de, clock no. 6 ..................... 33

Palmer, John, of London, watch case maker ........................................ 417

Parker, John, of Cambridge, watchmaker, will ...................................... 526
Parker, John, of Greenwhich, watchmaker, will ..................................... 531

Parkes, Daniel
A. & H. Rowley, Parkes & Co,
J. Warren Axline, letter .................................................................. 732-3
portrait of.................................................................................. 778

Parkes, Dr. Alan ...................................................................... 417

Parkes, John, of London, watchmaker, will .......................................... 810
Parkes, John William .................................................................. 696

Parkinson & Frodsham, of London
chronometer
no. 560 .................................................................................. 499
no. 729 .................................................................................. 500
no. 771 .................................................................................. 499
chronometer, marine
no. 145 .................................................................................. 499
no. 146 .................................................................................. 499
chronometer, pocket, no. 737 .......................................................... 7
regulator, longcase, mahogany ............................................................ 751

Parkinson, William, of London, watchmaker, will .................................. 810

Parnell, Thomas, of London, watchmaker, will ...................................... 810

Parr, John, of Liverpool .................................................................. 659

Parr, William, of Southwark, clock and watchmaker, will ..................... 534

Parthia, Kroeb, wall clock .............................................................. 13

Pascal, Claude, of The Hague
mentioned in Huygens correspondence ................................................. 197
pendulum clocks ..................................................................... 198, 199, 202-4
made for French customers ......................................................... 198, 203, 204
private collection ....................................................................... 203, 204
signatures ............................................................................. 202

Pasqualini, Christian .................................................................. 413

Passavant, Ulric ....................................................................... 392

Passe, Crispin de ................................................................... 345
passing strike, see striking, passing

Patek Philippe, pocket watch, five-minute repeat .................................. 462

Pateman, William, of Bedford, watchmaker, will .................................. 526

Paton, William, of Bedford, chronometer, no. 770
repeating watches, 1771 .............................................................. 88-95

Patek Philippe, pocket watch, five-minute repeat .................................. 462
striking, passing
see passing strike, ................................................................. 522

synchronisation, no. 3294, 1876 .................................................. 501

Norton, Eardley, of London,
striking clocks and repeating watches, 1771 ..................................... 88-95

Pascal, Claude, of The Hague
see pendule religieuse

The Prototype of ‘Hague Clocks’ and ‘Pendules Religieuses’,
by Reinier Plomp ......................................................................... 196-208

Thuret .................................................................................. 575

Thuret, Isaac, of Paris ............................................................... 208

Pendulum Chaos, by Dr Stuart Harrison
lecture report ........................................................................... 260-1
pendulum clock, early examples ..................................................... 196-208

Baronneau, Louis, private collection ................................................ 206
French and Dutch, size comparison ............................................... 205
French makers ........................................................................ 204
general features ..................................................................... 200
Thuret, Isaac ........................................................................... 208
Visbagh, Pieter, Vehmeyer collection ............................................... 207
pendulum, compensating
bimetallic, Magellan, clock no. 9 .................................................. 35

gridiron
Brocot, L.G., of Paris, table regulator ............................................... 771
Emery, Josiah, of London, longcase regulator .................................. 458
Holmes, John, of London, longcase regulator .................................. 310
Lepau, J.L., of Paris, longcase regulator ........................................... 770

berrolls, Joseph Anthony, of London, no. 3174, 1808,
repeating watches ..................................................................... 95
Eardley Norton’s 1771 patent for striking clocks &
repeating watches by John A. Robey ............................................. 88-95
Gout, Ralph, pedometers, no. 2351, 1799 ..................................... 542, 545
Lund, John Alexander
listed .................................................................................... 522
synchroniser, no. 12,518, 1901 .................................................... 511

Patrick, George, of Croydon, watchmaker, will ................................... 534

Pattison, John, of Halifax,
longcase clock, swaying balloon in arch ....................................... 120

Pattison, Robert, of East Greenwich, watchmaker, will .................... 531

Paulet, Joseph, of London, watchmaker, will ..................................... 810

Paxton, John, of St Neots, watchmaker, will ..................................... 530

Payne, Nicholas, of London, clockmaker, will .................................... 810

Payne, of London, carriage clock, ¼ striking ..................................... 455

Peachey, Geoff ........................................................................ 723

Peachey, Newman, of London, watchmaker, will ............................. 810

peacock clock, James Cox .......................................................... 632, 634, 649

Pearce, John, of London, clock and watchmaker, will ....................... 810

Pearce, John, of London, watchmaker, will ...................................... 810

Peck, Ephradodus ...................................................................... 833

Peckham, Saul ......................................................................... 703, 855

pedometer
mechanism ............................................................................... 541
patent, no. 2351, 1799 ................................................................ 542, 545
A pedometer watch by Ralph Gout ................................................ 539-45
Pegg, John, of Southwark, watchmaker, will ................................... 534

Pegg, William Hackett, of Ashby de la Zouch, watchmaker and jeweller, will .......................................................... 531

Préférence, Louis, of Paris, lady watch .................................................. 636

French and Dutch, size comparison ............................................... 205

French makers ........................................................................ 204
general features ..................................................................... 200
Thuret, Isaac ........................................................................... 208
Visbagh, Pieter, Vehmeyer collection ............................................... 207
pendulum, compensating
bimetallic, Magellan, clock no. 9 .................................................. 35

gridiron
Brocot, L.G., of Paris, table regulator ............................................... 771

Emery, Josiah, of London, longcase regulator .................................. 458

Holmes, John, of London, longcase regulator .................................. 310

Lepau, J.L., of Paris, longcase regulator ........................................... 770
pendulum, compensating, continued,
gridiron, zinc-steel, Magellan, clock no. 13 ............ 39
mercury
Arnold, no. 416 .................................................... 848
Clerke, F.W., longcase regulator no. 5050,........... 87
Mallett, of Barnstaple, longcase regulator ............ 451
Parker & Frosham, longcase regulators............... 751
wooden rod
described by J.H. de Magellan ............................. 26, 29
Magellan, clock no. 6 ............................................. 31
Magellan, clock no. 7 ............................................. 31
Magellan, clock no. 10 .......................................... 36
Magellan, clock no. 12, double rod .................... 37-8
Magellan, clock no. 14 ......................................... 41
pendulum, false, see false pendulum
pendulum, free, Shortt’s ....................................... 571
pendulum watch, see balance, mock-pendulum

Penney, David
American Influence on English Machine Watch
Manufacture, lecture ................................. 258-9
Evidence from the Transient: The Importance of Ephemeris
for a Proper Understanding of the Clock & Watch Trades
Part II ................................................................. 45-65
Part III ................................................................. 177-95
Graham, Shelton, and Mudge: their influence on precision pendulum clocks, lecture ...866
Machine Made Watch Manufacturing, lecture ........ 412
Penny, George, of Lambeth, watch and clockmaker, will ..534
Pepys, John, of London, clockmaker, will .............. 810
Percival, John, of Woolwich, watchmaker, will ....... 531
Percy Dawson Medal
2005, Michael Page .............................................. 119
2006, Andrew King ...................................... 113, 247
2007, Phillip Arnott ............................................. 714, 864, 865
Perigal, Francis, of London
bracket clock, ebony, c. 1775 ............................... 606
Perigal, Francis, of London, clockmaker, will (1767) .... 810
Perigal, Francis, of London, watchmaker, will (1818) ... 810
Perinot, Abraham, of London, clockmaker, will ....... 810
Perpetual watch, J.W. Benson ................................ 184
Perrelet, A-L, Frédéric Houriet, apprenticeship ... 97
Perry, Henry, of London, bracket timepiece .......... 297
Petitgrew, Prof. Andrew ..................................... 569
Peyras, Pasquier, à Blois ...................................... 679
Phillips, John, meeting report ................................ 417
Phillips, Saunders, of London, watchmaker, will .... 810
Phillips, Thomas, of Ludlow, watchmaker, will ...... 533
Philomath, nom-de-plume of Evan Davies ............ 66
Philp, Henry, of London, automaton clock ......... 657
Philp, John, of Brighton, watchmaker, will ........... 535
Photographic Methods, Modern,
lecture by Duncan Anderson ............................ 118
piano clock .......................................................... 575
Picard, Jean ...................................................... 624-5
Pickett, John, of Marlborough, watchmaker, will .... 537
Pickford, Joseph, architect ................................... 210
Pickford, Richard, of Liverpool .......................... 660

Picture Gallery
Gold watch repeating half-quarters
signed 'Brockbanks London' .............................. 228-31
An Iron Chamber Clock
by Nicholas Vallin 1598 ..................................... 597, 695-703
A Miniature Lantern Clock with Turkish Numerals,
by William Kipling ........................................... 849-54
A pedometer watch by Ralph Gout .................... 539-45
Portrait of Peter Litherland ................................ 704
Silver pair-cased watch c. 1750 signed
Steven Hoengendijk (1698–1788) Rotterdam (watch) 546-7
Your Time Late Entries ........................................ 848
Pierre, Marie ......................................................... 584
Pike, James, Newton Abbott, tavern clock, lacquer case .... 450
Pinchbeck, Christopher
tavern clock, c. 1760, Manor House Museum ........ 417
Pinchbeck, Christopher, of London, watchmaker, will (1732) ........... 810
Pinchbeck metal .................................................. 260
Pinfold, Thomas, of Banbury, watchmaker, will ....... 532
Pistor, Edward, of London, musical clockmaker, will .... 810
Pitman, William, of London, watchmaker, will ....... 811
Plancius, Petrus ..................................................... 348
planetarium
Greenwich, Peter Harrison .................................. 315-16
Hahn, Philipp Matthäus .................................... 726
planetorama
Koesfelt, Lothar Zumbach de ........................... 352
Platt, Nigel .......................................................... 864
lecture report ........................................ 258-9, 722-3
Regulator by Viner, London c. 1813 .................... 225-7
Player, Joseph & Son, of Coventry
note to Joseph Preston & Sons ............................ 178
watch makers ..................................................... 122
Plomp, Reinier
notice of editorial error ...................................... 428
A Pendulum Clock owned by the Danish Astronomer
Olle Romer (1644–1710) ...................................... 624-8
The Prototype of 'Hague Clocks' and
Pendules Religieuses ........................................... 196
Plowman, J.M., Brass Cases for Weights, letter .......... 132
Plowman, Joseph, of Chichester, longcase clock ...... 476
Plumley, James, of London, watchmaker, will ....... 811
Plummer, Thomas, of London, watchmaker, will .... 811
pocket chronometer, see chronometer, pocket
Pocock, Richard, of Hawkley, clock & watchmaker, will ... 529
poem
My Grand-Father Clock, by Joseph Kimberley Mealer, 584
Remember Man... dial of clock by Sanderson .......... 432
Police Page (items stolen) ................................. 132-3, 277, 432
Bryant & Son, of London, mahogany bracket clock ... 432
French chiming mantel clock,
marble, gold and blue enamel .......................... 277
Russell, of Liverpool, mahogany mantel clock ........ 277
Sanderson, John, of Wigton,
30-hour longcase movement ............................. 432

© 2011 Antiquarian Horological Society. Reproduction prohibited without permission.
Police Page (items stolen), continued,

Sewell, of Liverpool, mahogany longcase clock, lunar dial ...................................................... 277
Weeks, Thomas, automaton clock .................. 132-3
Pollard, John, of Plymouth Dock, watchmaker, will .......... 527
Polwarth travelling clock, by Thomas Mudge .......... 368, 369
Pomona and Vertumnus, depiction of .................. 342
Pond, Chester ..................................................... 520
Pons, Honoré .......................................................... 315
Ponsford, Clive N.

The Jourdain Family of Spitalfields London:
Specialists in Chime and Musical Work ................. 380-400
lecture and meeting reports .......................... 124, 263, 423, 727
obituary of Rev. John Scott .............................. 312
Will of Clock and Watchmakers On-Line from the
National Archives
Part I: Will of provincial clockmakers
proved in London ............................................... 524-38
Part II: City of London and Middlesex (A-J) .......... 680-94
Part III: City of London and Middlesex (K-Z) ...... 804-17
Pomyprrd
also known as Newbridge .................................... 67
Crockett, John, clock, watch and cabinet maker, 
advertisement, 1871 ........................................... 69
Davies, Evan, clock repairer, 1846 onwards .......... 67-9
in nineteenth-century ........................................ 67-8
Rocking Stone (Maen Chwyf) and stone circles ....... 73, 74
stone bridge scene, longcase painted dial arch .......... 68
watercolour of the 1756 stone bridge
by Thomas Hornor, 1819 ...................................... 68
Poole, John, of London
chronometer maker, will ...................................... 811
chronometer, marine, no. 2867 .......................... 762
Pop-Gun Plot .......................................................... 250-1
Porter, Levi and Edward ....................................... 830
Porter, Mark, of Wokingham, clockmaker, will .... 526
Porter, Nathaniel, dial maker ............................... 222
Porter, Nathaniel junior ......................................... 222
Porter, Sarah .......................................................... 221
Porthouse, William, of Barnard Castle, 
clock and watchmaker, will .................................. 528
portrait of
Amott, Phillip ....................................................... 865
Betts, Jonathan ...................................................... 175
Bruhl, Count von .................................................... 365
Chapman, Prof. Alan ........................................... 24
Clifford, Derry ....................................................... 569
Darken, Dr Jeffrey (Jeff) ......................................... 176
Davies, Evan, of Pomyprrd
engraved, 1875 .................................................. 73
photograph, 1903 ................................................. 75
Dennison, Aaron .................................................... 835
Grace, David ........................................................ 865
Greer, Rita ............................................................ 24
Grignion, Thomas, by Charles Grignion ............... 27
Hooke, Dr Robert (artist’s impression) ................. 24
Hooper, John Alfred ............................................. 313
Inch, Rita ............................................................... 779
portrait of, continued.
Ingersoll, Robert .................................................. 842
Ives, Joseph .......................................................... 833
James I and Anne of Denmark ............................ 324
Jardine, Professor Lisa .......................................... 24, 247
King, Andrew ........................................................ 247
Koesfiet, Conrad Zumbach de ......................... 361
Kullberg, Victor, of London ............................... 45, 47
Langmaid, Norman ........................................... 778
Litherland, Peter .................................................. 704
Mudge, Thomas, by Baker .................................... 365
Page, Michael ...................................................... 569
Parkes, Daniel ....................................................... 778
Romer, Ole ........................................................... 625
Rooney, David ...................................................... 865
Scott, Reverend John Gilbert Mortimer ................ 312
Simms, Terry ......................................................... 569
Smith, Michael ....................................................... 776
Stratton, James ..................................................... 175
Thompson, David ................................................ 175
Thorton, John ......................................................... 247
Wilson, Mike ......................................................... 569
Wolfendale, Sir Arnold ......................................... 247, 410, 865

Portugal

Coimbra University, J.H. de Magellan, clocks 8 & 9 .......... 34-6
Posford, Thomas, of London, watchmaker, will .......... 811
Post-Man, The ........................................................ 389
Post Office, see General Post Office (GPO)
Poston and Woolnough, of Liverpool, dial maker ........ 666
Poston, Joseph, of Liverpool, dial maker ................. 666
Poston, Robert, of Liverpool, dial maker ................. 666, 667
longcase clock dial ............................................... 667
Poston, William, of Liverpool, dial maker ................. 666
Pott, Thomas, of London, watchmaker, will .......... 811
Potter, George, of Coventry ................................. 122
Potts, turret clock, Shibden Hall ........................... 419
Potts, of Pudsey, turret clock ............................... 417
Potts, W., of Leeds
turret clock, Lichfield ........................................... 569
turret clock, Newcastle Cathedral .......................... 425
Poussin, Nicholas
inspired dial painting, Et in Arcadia Ego .......... 145, 213, 214
Powell, Edward .................................................... 563
Reflections on the ‘Your Time’ Exhibition ............ 783-6
Powell, Edward, et al, Your Time
advertised ........................................................... 555, 708
reviewed ............................................................... 705-6
Power, Thomas, of London, lantern clock, c. 1685
........................................................................ 14, 160, 296
Poy, Godfrie, of London, watchmaker, will ............ 811
PP, punchmark ..................................................... 677
Two Renaissance Clocks Punchmarked PP,
by Michael Hurst ............................................... 675-9
Pratt, Derek .......................................................... 621
A detailed study of H4 – work in progress,
St Roche’s horological lecture, 2008, advertised .... 739
Pratt, John, of Epsom, watchmaker, will ............... 535
Qian Long, emperor of China ........................................ 636-7
Quare, Daniel, of London
barometer, ivory pillar ........................................ 787-92
barometer patent of 1695 ........................................ 775
images and transcription ........................................ 793-7
Notes on the Patent, Functionality and Mechanisms of
the Portable Pillar Barometers by Daniel Quare,
by Richard Higgins ........................................ 787-97
bracket clock
ebony, ¾ repeating on 4 bells .................................. 17, 611
long duration, 6-bell ¾ repeat .............................. 440
silver mounted ................................................... 289
family of .......................................................... 806
longcase clock
month-going, marquetry case ................................ 162
month walnut ...................................................... 600-1
signature .......................................................... 17, 611
in English and French .......................................... 787, 788
will ................................................................. 804-6, 811
Quare, Daniel, and Stephen Horsemann
bracket clock
no. 176, ¾ repeat, date, strike/silent, regulation ....... 956
no. 229, ebony, ¾ repeat, date, strike/silent, regulation .... 618
Quarman, Joseph, of Cameley
quarter chiming, see chiming, quarter
quarter striking, see striking, quarter
quartz clock, Restoration of an Early Quartz Clock,
lecture by David Rooney .................................. 578-9
Quill, Colonel Humphrey
Kullberg archive .............................................. 48

R
rack-driven clock
de Koesfelt’s horologium autobarum .................. 349-51, 355-64
rack striking, see striking, rack
Radage, Dennis
Charles Gretton c.1649 – c.1733 (letter) ............. 428-9
The Gretton Book Project Update ....................... 735
radio, Observatory Time by Radio, lecture by David Read ... 729
Ramsay, David, watches
with arms of Robert Carr ................................. 323
case with Limoges enamels,
scenes from Ovid ............................................. 318-23
Randall, Anthony G.
book review ...................................................... 97-8
Mudge Timekeeper, ‘Green’, lecture ..................... 722
For your further reading ................................. 134, 431, 736-7
Randall, Christopher, of Taunton, watchmaker, will ...... 533
Randall, John, of Holt, watchmaker, will .............. 532
Rapson, William, of London, watchmaker, will ...... 811
Ratcliff, John, of London, watchmaker, will.......................811
Ratcliffe, John, of Nottingham, watchmaker, will.............532
Ravenell (Ravenhill, Ravenal), Rachael and Susanna ......392
Ravenhill, Abraham, clock chime maker ..................385, 386-7
Ravenswick Hall, collection ......................................14
Ray, Edgar ...................................................................507
Ray, William, of Sudbury, watchmaker, will.................533
Rayment, Richard, of Bury St Edmunds, lantern clock ....14
Rayner, Dove, of London, clockmaker, will .................811
Rayner, John, of London, watchmaker, will .................811
Rayne, Joseph, of Cranley, watchmaker, will .............535
Reeves, Richard, of London, watch and clockmaker, will ..811
Regiomontanus ................................................................250
regulation, Barrow type ..........................................250
Markwick, James, of London, watch.............................827
regulation, capstan
Tompion, Thomas, watch, no. 104...............................824-6
regulation, Seignior type
Knottsford, William, of London.................................828
Seignior, Robert, of London ........................................821-2
regulation, Tompion type, development of .................826-7
regulation, whiplash regulator
Frodsham, Charles, no. 07328 .....................................602
regulator, astronomical
Dent, of London no. 2016 .............................................117
Ellicott, John, London, of 1752 ...................................256
Geiser, Fratelli, of Milan, passing minute strike ..........716
Riefler, Clemens, of Nesselwang, no. 801 .................772
Shelton, John, of London ...........................................29, 256
regulator, longcase
Arnold, no. 416, mahogany ......................................848
Arnold, John ................................................................786
Barrand and Lund, of London ..................................505
Benson, J.W., catalogue, c.1882 ................................187
Charles Edward Viner, of London, c. 1813 ...............225-7
Clerke, Frederick William, no. 5050, c.1870, movement by John Morrison ..................87
Dent, of London .......................................................419
Emery, Josiah, of London, mahogany .........................458
Frodsham, of London ...............................................16
Graham, George, London, walnut, month duration ...773
Harrison, John, no. 1 ................................................786
Holmes, John, of London ...........................................310
Knoblich, Theodore, of Altona .................................420
Lepaute, J.J., of Paris ..............................................770
Leyland, Thomas, of Prescot, double dial ..................240
Lowry, J, of Belfast ..................................................419
Magellan, John Hyacinth de, clock no. 8 ..................35
Magellan, John Hyacinth de, clock no. 10 .................36
Magellan, John Hyacinth de, clock no. 11 .................36-7
Magellan, John Hyacinth de, clock no. 12 .................36-8
Magellan, John Hyacinth de, clock no. 13 .................39-40
Mallett, of Barnstaple ..............................................451
Morrison, John for Frederick William Clerke, no. 5050, c.1870 ..........87
Parkinson & Frodsham, of London, mahogany .........751
regulator, portable
Grignion, Daniel ......................................................27
Grignion, Thomas ....................................................27
Magellan, John Hyacinth de clock no. 6 ......................29, 30
clock no. 7 ...............................................................31-3
illustration by ...........................................................26
regulator, sidereal
Bryson, Robert, of Edinburgh .................................567
regulator, table
Brocot, L.G., of Paris, coup perdu escapement ..........771
Dent, of London, no.860 ..........................................3
Magellan, John Hyacinth de, of London, clock 17 ....43-4
regulator, wall
Frodsham, Charles ..................................................305
Happacher, Philipp, Vienna regulator, dated 1842 ....299
Hipp, Matthias .......................................................443
Reiner, Casper, of Gloucester, watch and clockmaker, will ..........528
Reliable watch, J.B. Dent & Sons ...............................183
Religieuse clock, see pendule religieuse
Remember Man... poem on clock dial ..................432
remontoire
Cooke of York, turret clock ..................................424
Gillett turret clock, 30 second ..................................870
Renaissance clock, Two Renaissance Clocks
Punchmarked PP, by Michael Hurst ..................675-9
repair, bills for
Camerer & Co ......................................................55
Delander, Daniel ...................................................54, 55
Jefferys, John, of London ........................................195
repair, trade price list
Wennerström, Paul J., of New York .................49
Repairing Watch Cases, by Schwanatus Fenimore, reviewed ........548
repeat, age of moon .............................................369
repeat, calendar ....................................................369
repeat, five-minute
Norton, Eardley, of London, patent of 1771 ...............93-5
Patek Philippe, pocket watch ..................................462
repeat, half-quarter
Brockbanks, of London, watch, no. 5581 .............228-31
repeat, hours
Knibb, Joseph, of London ......................................88-9, 90
repeat, minute ......................................................369
Breguet, of Paris, watch no. 2649 .........................304
repeat, quarter
Bayley, Thomas, of London, bracket clock, ebony .... 764
Cartell, William, bracket clock, quarter repeating .... 104-5
Fennel, Richard, of Kensington, bracket clock .... 11
Fladgate, John, of London, bracket clock .......... 449
Knibb, Joseph, of London, bracket clock, ebony ... 774
Le Count, Daniel, of London, longcase clock, marquetry .... 1, 102-3
Magellan, John, of London, clock, trunk .......... 15 ... 41-2
Markwick Markham, of London, bracket clock, green lacquer ... 754
Massy, Henry, of London, bracket clock, tortoise-shell case .... 169
Quare, Daniel, and Stephen Horsemann no. 176, bracket clock ............ 596
Quare, Daniel, of London, bracket clock, long duration ... 440
ebony bracket clock .................. 17, 611
Shaw, John, of Holborn, bracket clock, basket top .... 286
Smith, Joseph, of Chester, walnut bracket timepiece ... 449
Tompion, Thomas
ebony bracket clock, c. 1685 .................. 449
no. 42, ebony bracket timepiece ................... 444-5
no. 249, ebony bracket clock .................. 767
no. 271, bracket clock, brass inlaid ................. 767
Webster, William, of London, bracket clock .... 163
repeat, silent pull
Knibb, Joseph, of London.............................. 88-90
Tompion, Thomas,
Daniel Delander’s bill for repairing ............ 54, 55
repeat, unspecified
Barwise, of London, carriage clock, c. 1840 ........ 2
Le Roy, of Paris, carriage clock ................. 160
Webster, William, of London, bracket clock, walnut ... 459
Research Requests
The Gretton Book Project Update,
Warner Meinen and Dennis Radage .................... 735
restoration
Fromanteel, Ahasuerus, “Oxford” longcase ........... 780-3
Restoration of a Tompion Watch, lecture by John Day ... 873
Restoration of an Early Quartz Clock,
lecture by David Rooney ......................... 578-9
Restoring Painted Dials, lecture, David Buxton, 261-2, 423
talk by Archie McQuater ......................... 868
Reynolds, Jean and Jehan, of Limoges, enameller .... 321-2
Reynolds, Jean II, of Limoges, enameller ........ 318, 340
Reynolds, Jean, of Limoges, enameller ............ 321, 338
Reymond, Joseph, of Limoges, enameller .......... 321
Reymond, Martial, of Limoges, enameller .......... 321
Reynolds, Francis, of London, clockmaker ....... 811
Reynolds, John, of West Hagborn, blacksmith and clockmaker, will .... 526
Reynolds, Joseph, of Warwick, watchmaker, will .... 526
Reynolds, Thomas, of London, watchmaker, will .... 811
Reynst, van, Captain .................................. 359
RG, watch case maker’s mark,
Parkinson & Frodsham, of London, no. 737 ........ 7
Rich, Charles, of London, watchmaker, will ....... 811
Rich, Mr, partner to Nicholas Jourdain .............. 391
Richard, Abraham John, of London, watchmaker, will .... 811
Richard, David John, of London, watchmaker, will .... 811
Richard et Cie, carriage clock, grande-sonnerie .... 152
Richards, Hugh, of London, clockmaker, will ....... 811
Richards, James, of London, watchmaker, will ....... 811
Richards, John, of London, watchmaker, will ....... 811
Richardson, Ian, book review ....................... 548
Richardson, John, of London, watchmaker, will ....... 811
Richardson, William, of Coventry,
watch manufacturer, will ......................... 536
Riches, Henry ........................................ 515
Richie, James, of Edinburgh, turret clock .......... 874
Ridgway, John, of London, watchmaker, will ....... 811
Ridout, Martin ........ 730, see also Miles, R.H.A., and Ridout
Electric Clocks, lecture ..................... 872-3
lecture report ..................................... 570-1
website news ........................................ 114
Riefler, Clemens, of Nesselweng,
regulator, astronomical, no. 801 ...................... 772
Riefler clocks, lecture by Fortunat Mueller-Maerki .... 576
Rigaud 38 (Bodleian Library MS) ..................... 374-5
Rigby, Joshua, of London, watchmaker, will ....... 812
Rigby, Thomas Gillingham, of London,
watchmaker, will ......................... 812
Rimbault, Paul, of London, clockmaker, will ....... 812
Rinder, Thaddäus, Die Astronomische-geographische Uhr,
reviewed ........................................ 401-2
Risbridger, John, of London, clockmaker, will ....... 812
Risbridger, William, of Dorking, clockmaker, will ...... 535
Risoliere, Isaac .................................. 385
Risoliere, Mary .................................. 392
Ritchie, Frederick James, of Edinburgh, time ball .... 567
Rivers, John, of London, watchmaker, will ....... 812
Riviere, Jacob John, of London, watchmaker, will .... 812
roasting jack, by Salter ......................... 569
Robert the Clockmaker, seal matrix of ............ 223-4
Roberts, John, of London, clock and watchmaker, will .... 812
Roberts, William, of London, watchmaker, will ....... 812
Robertson, J. Drummond, discovery of Coster clock .... 196-7
Robeson, William, of Newcastle upon Tyne,
clock and watchmaker, will .................... 532
Robey, John A.
Birmingham Dialmakers: Some Biographical Notes
Part I ........................................ 209-22
Part II ........................................ 470-80
Earldale Norton’s 1771 patent for striking clocks &
repeating watches ..................................... 88-95
lecture and meeting reports .................. 120, 722
Longcase Clocks from the North of England, lecture .... 867
Lost Secrets of 18th Century Clockmakers,
lecture .. 415, 574
wheel cutting demonstration .................... 417
Robin, bracket clock .................................. 725
Robins, Thomas, of London, clockmaker, will ....... 812
Robinson, Abigail, of Birmingham,
gold watch hand maker, will ............. 525, 536
Robinson, James, of London, clockmaker, will ....... 812
Robinson, Robert, of London, lantern clock........ 14, 168, 294, 450, 606, 758
Robinson, Ruhamah, of London, clockmaker, will........ 812
Robinson, William, of London, watchmaker, will........ 812
Robotham, Francis Jonathan, of London, watchmaker, will........................................... 812
Rochat, Jacob (John James Henry), of London, watchmaker, will.......................... 812
rock crystal case, Bernard, Nicolas, of Paris........... 332-4
Rockford, railway watch........................................... 840
Rodgers, George, of Market Drayton, longcase clock dial ........................................ 671, 672
Roe, Joseph, of London, clockmaker, will............... 812
Rogers, David, of Saffron Walden, watchmaker, will.... 528
Rogers, James, of Leominster, clockmaker, will........ 529
Rogers, Nicola, and Richard Hall,
A Striking Discovery: The Seal of A Horologist .......... 223-4
Rogers, Thomas, of Southwark, watchmaker, will....... 535
Rogers, William, of London, watchmaker, will........ 812
Rogers, William, of Saffron Walden, watchmaker, will ... 528
Rogerson, Henry, of London, watchmaker, will........ 812
Rogers, Nicola, and Richard Hall,
A Striking Discovery: The Seal of A Horologist .......... 223-4
Roger Beattie, Eric
Clocks that Changed the World, lecture.................... 414-15
Dr Alan Shenton Award, 2008 ................................. 714, 864, 865
Greenwich Royal Observatory Time Signals, lecture... 420-1
Greenwich Time and
Clocks that Changed the World, lecture.................... 727
New Horological Galleries at the Old Royal Observatory, lecture ................................ 117-18
portrait of............................................................. 865
Restoration of an Early Quartz Clock, lecture........ 578-9
visit guide.............................................................. 257
Rooney, David................................................................ 116

Ole Rømer's Early Pendulum Clock,
letter by Michael Hurst........................................... 880
A Pendulum Clock owned by the Danish Astronomer
Ole Rømer (1644–1710)............................................. 624-8
portrait of............................................................... 625
Romey, Robert, of London, clockmaker, will........ 812
Roe, Richard, of Eperstone, lantern clock................. 618
Rooker, Francis, of London, watchmaker, will........ 812
Rookes, Barlow, of London, clockmaker, will........ 812
Rowley, William, of Liverpool................................ 660
Rowe, Thomas, of London, clockmaker, will........... 812
Rowley, Parkes & Co
A & H Rowley, Parkes & Co
letter from J. Warren Axline................................ 732-3
A poem to thank Rowley Parkes............................. 584
Rowley, William, of Liverpool................................. 660
Rowning, George, of Newmarket, watchmaker, will.... 533
Royal Music Machines, exhibition.......................... 381
Royal Society
minutes, by Henry Oldenburg and Robert Hooke... 251-2
Royal Society of Arts,
wall clock presented by Thomas Grignion.............. 28-9
Royle, Thomas, of Whitehaven, longcase clock, 3-train.... 607
Rozier, Abbe Francois............................................... 367
Observations sur la Physique................................. 369, 370
Rugless, Samuel, of London, watchmaker, will........ 812
Rule, Graham
The City Observatory and Edinburgh Time, lecture..... 566-7
Rule, James, of Portsea, watchmaker, will.............. 529
Russell, Benjamin, of Norwich, watchmaker, will..... 532
Russell, of Liverpool, mahogany mantel clock (stolen).... 277
Russell, Thomas, of London,
bracelet clock, oak and ceramic, ¼ chiming............. 722
Ruston, James H., lecture report.............................. 568-9
Ruysh, Coenraad, Mayor of Leiden......................... 352
Ryland, John, of Ormskirk, watch......................... 256
Rylands, James, of London, watchmaker, will......... 812
Rylands, Samuel, of London, watchmaker, will........ 812
Ryley, John, of Coventry, watch manufacturer, will.... 536
Ryley, John Taylor, of Coventry, watch manufacturer, will.... 536
Ryley, William, of Coventry, watch case manufacturer, will.......................... 536

S
Sabrier, Jean-Claude, Frédéric Houriet, Le père de la
chronométrie suisse, reviewed................................ 97-8
Sach, William, of Braintree, watchmaker, will........ 528
Saddleton, of Kings Lynn, bracket clock.................. 723
Safford, Thomas Jeffrey, of Bristol,
watchmaker and dentist, will......................... 525, 529
Saint Mark, depiction of........................................ 344
Saint-Nicolas D’Aliermont, Musée de l’Horologerie.... 315
St Petersburg, Academy of Sciences in Russia........ 38
St Roche’s Horological Lecture
2007, Stephen Davidson, Vuiliamy and the clocks in
the Royal collection at Windsor
advertised.......................................................... 20
reported............................................................. 314-15
2008, Derek Pratt, A detailed study of H4 –
work in progress
advertised.......................................................... 739
Salloway, John......................................................... 569
Salomon, Bernard
Alcyone Praying to Juno, woodcut......................... 341
Apollo and Daphne, woodcut................................. 319
Apollo, the Raven and Coronis, woodcut............... 319
Salomon, Bernard, continued,
designs by.................................................................339
Neptune Pursuing Coronis, woodcut.........................326
Salt, Thomas, of London, watchmaker, will.................812
Salter, roasting jack..............................................569
Samson, Prof. R.A., astronomer...............................249, 570, 571
Samuell, Simpson, of Liverpool, watch manufacturer, will 531
Sandalls, Ken, photographs by..................................247-8
Sanderson, John, of Wigton, longcase clock (stolen) ....432
Sandoz, Felix, of Deptford, watchmaker, will..............531
Sarjan, Robert, of London, clockmaker, will..............812
Son, Jean Baptiste Gaspard Bochart de,
owner of an Emery lever watch................................374
Sattler, Erwin..........................................................621
Sauvé, Pierre, of Paris, pendulum clock.....................199, 204
Saunders, Daniel, of London, watch & clockmaker, will...812
Saunders, William, of Wallingford,
watchmaker and silversmith, will.............................526
Savage, Peter, of Exeter, watchmaker, will.................527
Saville, Robert, of London, watch and clockmaker, will....812
Saville, John, of Exeter, clockmaker, will ....................527
Saxby (Saxbey), Christopher, of London,
watch and clockmaker, will......................................812
Sayer, James, of Cheshunt, watchmaker, will..............530
S.B. (incuse), case maker’s mark,
Hinsdale and Akin, of New York, watch, no. 957........549
SC, enameller’s initials ..................324, see also de Court, Susanne
Scafe, William, of London, watchmaker, will ..............812
scent flask, James Cox, but possibly Swiss?..............630
The Scent of Time, lecture by Bernard North, report........263
Schallab, De La, Mr..........................386
Scherer, George Frederick, of London, watchmaker, will ...812
Schindler, Thomas, of Canterbury, longcase clock .......259
Schlaefer, Klaus, [Watch by] Dan Cunstable, letter ....274-5
Schneeberger, Michael, of Prague .........................679
Schouten, Chris, table clock cocks, lecture..................728
Schut, R.J., For your further reading .......................881
Schuyt, Cornelia.....................................................352
Schwanatus Fenimore, Repairing Watch Cases, reviewed....548
Scherer, George Frederick, of London, clockmaker, will ....532
Schwilgué, Jean-Baptiste, of Strasbourg,
ecclesiastical computer (model of)............................857
Scobie-Youngs, Keith............................................268, 425
Scotland, National Museums of
Work of a Conservator in ..., lecture by Darren Cox......721
Scott, Andrew, of London, watch and clockmaker, will .....812
Scott de Martinville, Leon, recording device...............254
Scott, John, Frank Mack, and James Clarke,
Towers and Bells of Devon, reviewed.........................98-100
Scott, John, of London, watch and clockmaker, will .......812
Scott, Reverend John Gilbert Mortimer, obituary ...........312
Scott, William, of Hardgate near Aberdeen,
watchmaker, will .....................................................537
Scottish Section, see AHS, Scottish Section
designs by.................................................................339
sea clock, see marine timekeeper
Seabourne, William, of London, clockmaker, will ..........812
Seignior, Robert, of London, clockmaker, will ..............812
Shelton, John, of London
astronomers’ regulators ........................................29
Graham, Shelton, and Mudge: their influence on
precision pendulum clocks, lecture by David Penney .....866
transit regulator .........................................................256
Shenton, Dr F. G. A. (Alan), Dr Alan Shenton Award
2006, not awarded ....................................................113
2007, James Nye and David Rooney ....714, 864, 865
Shenton, Ken
Chairman’s notes, March 2007 .................................113
Chairman’s Report 2007 ........................................244-5
Chairman’s Report 2008 .........................................861-78
Liverpool 2008 .......................................................563
Reflections on Keble 2007 .........................................246-8
Reflections on Liverpool ..........................................864-5
Shenton, Sue, visit report.........................................422
Shepherd, Charles..................................................872
Shepherd, Thomas, of Wotton under Edge,
watchmaker, will ......................................................529
Sherwood, William, of London, clockmaker, will ..........813
Shibden Hall, AHS Midlands section visit .................419
Shield, Alexander, of London, watchmaker, will ..........813
Seal
matrix of Robert the Clockmaker ................................223-4
Norton, Eardley, of London, patent no. 987, 1771 ........88
Searle, George, of London, clockmaker, will ...............813
Sebire, John, of London, clockmaker, will .................813
Secrets of Eighteenth-century Clockmakers,
lecture by John Robey ........................................415, 574
Section electric clock ................................................120
Sedgwick, Henry, of London, watchmaker, will ...........813
Seignior, Robert, of London .......................................821-2
watch, early balance spring .....................................819-22, 823
Seignior, Robert, of London, will ..............................813
Seiko Watches, lecture by Mark Mills ...................871-2
Selby, Thomas, of London, clockmaker, will ..............813
Self-Winding and Synchronizing Clock Company Ltd., 520-1
Sellwood, William, of London, will ............................813
Selby, Thomas, of Holborn, bracket clock, basket top ....286
Sewell, of Liverpool, longcase clock,
mahogany and marquetry, lunar dial (stolen) .............277
Seyton, Joseph, of Portsmouth, watchmaker, will ........529
Sharp, Hugh Fraser .................................................518
Sharpe, William, of London, will .............................813
Shaw, David, of Leicester, watchmaker, will .............531
Shaw, John, of Holborn, bracket clock, bracket top ....286
Shaw, Owen ...........................................................176
Shearer, Charles Edward, of London, watchmaker, will ....813
shelf clock
Brown, J.C. .......................................................13
Curtis / Dunning ................................................13
Marsh, George ......................................................13
miniature .............................................................13
Thomas, Seth violin shaped case ..............................13
Whiting, Riley ......................................................13
Shelton, John, of London
astronomers’ regulators ...........................................29
Graham, Shelton, and Mudge: their influence on
precision pendulum clocks, lecture by David Penney .....866
transit regulator .........................................................256
Shenton, Dr F. G. A. (Alan), Dr Alan Shenton Award
2006, not awarded ....................................................113
2007, James Nye and David Rooney ....714, 864, 865
Shenton, Ken
Chairman’s notes, March 2007 .................................113
Chairman’s Report 2007 ........................................244-5
Chairman’s Report 2008 .........................................861-78
Liverpool 2008 .......................................................563
Reflections on Keble 2007 .........................................246-8
Reflections on Liverpool ..........................................864-5
Shenton, Sue, visit report.........................................422
Shepherd, Charles..................................................872
Shepherd, Thomas, of Wotton under Edge,
watchmaker, will ......................................................529
Sherwood, William, of London, clockmaker, will ..........813
Shibden Hall, AHS Midlands section visit .................419
Shiel, Alexander, of London, watchmaker, will ..........813
Smith, Alan
obituary of Dana J. Blackwell........................................ 468
* A Reconstruction of the 'Great Clocks' of Greenwich at
  Towneley Hall, Burnley, Lancashire ........................................ 622-3
Smith, Charles, of London, watchmaker, will ...................... 813
Smith, David, Secretary, Midlands Section .............................. 119
Smith, Edward, of Newark upon Trent, watchmaker, will .... 532
Smith, Edward, of Richmond, watch & clockmaker, will ......... 535
Smith, Franck, of London, watchmaker, will ............................ 813
Smith, Gabriel, turret clock .................................................... 268
Smith, George, of Oxford, watchmaker, will ....................... 532
Smith, John, of London, watch and clockmaker, will .......... 813
Smith, John, of London, clockmaker, will ................................. 813
Smith, John, of London, watchmaker, will .............................. 813
Smith, John, plotter of regicide ................................................. 251
Smith, Joseph, of Bristol, watchmaker, will ......................... 529
Smith, Joseph, of Chester
  bracket timepiece, walnut ¼ repeat .................................... 449
turret clock ............................................................................ 785
Smith, Maurice, of London, watchmaker, will ...................... 813
Smith, Michael
  awarded Fellowship of AHS ............................................... 535
obituary by Christopher Hurrion ......................................... 776-7
portray of ................................................................................. 776
Smith, Obadiah, of Kingston upon Thames, clockmaker, will ........ 813
Smith, Peter, *Development of the Bulle Clock*, lecture ...... 877-8
Smith, Roger ........................................................................... 621
Gray & Vulbiaym Outworkers, letter ................................. 131-2
* The Sing-Song-Trade: Exporting Clocks to China*
in the Eighteenth Century .................................................... 629-58
Smith, S. & Son Ltd
* Guide to the Purchase of a Watch* ........................................ 193-4
note to Joseph Preston & Sons .............................................. 177
watch, *Astronomical* ........................................................... 194
Smith, Samuel, of London, musical longcase clock ................ 12
Smith, Thomas, of London, watchmaker, will .......................... 813
Smith, William, of Great Bardfield, clockmaker, will .......... 528
Smith, William, of London, clockmaker, will ......................... 813
Smoul, Thomas, of Newcastle upon Tyne, watchmaker, will ... 532
Smyth, Andrew, of Belfast, watch, no. 124774 ............................. 55
Snow, John, of Market Lavington, watchmaker, will ............... 537
snuff boxes ............................................................................. 722
Sochon, John, of London, watchmaker, will ............................. 813
Solis, Virgil
  *boar hunt scene*, depiction of .............................................. 328
stag hunt, depiction of .......................................................... 329
Solomon, Moses, of Plymouth, watch manufacturer, will .... 527
Somersall, George, of London, clockmaker, will ................. 813
Somersall, Mandleve, of London, clockmaker, will ............... 814
Somerset, 1st Earl of, armorial bearings ................................. 323, 324
song, in honour of Kullberg visit to Visby 1872 ..................... 48, 49
Sorel, Rachel ........................................................................... 392
Sorel, Stephen, weaver ............................................................ 386, 392
Soufflee, Peter ......................................................................... 392
*Sound Recording, Early History of*, lecture by Mark Gray ... 254-5
South Eastern Section, see AHS, South Eastern Section

Shilling, Edward, of Milton next Sirtingbourne, watchmaker, will ........ 531
ship, .............................................................. 672
auxiliary, sail and paddle-wheel ........................................... 672
ship’s compass, Dent, E. & Co. letterhead ......................... 56
Shortt, William Hamilton
  *W.H. Shortt*, lecture by Robert Miles ............................... 570-1
Shott, George, of East Greenwich, watchmaker, will .......... 531
Shuker, Thomas, of St Ives, watchmaker, will ...................... 530
Sidley, Benjamin, of London, watchmaker, will .......... 813
signature, bracket clock backplate, illustrated
  Burgis, Edward ................................................................. 107
  Catell, William .................................................................... 105
Quare, Daniel, of London ..................................................... 17, 611
Silent Electric Clock Company .............................................. 516, 517
Silke, John, of Plumstead, clockmaker, will ......................... 531
silver mounted bracket clock, Huggeford, Ignatius, of London .... 466
Silver Swan, (James Cox), Bowes Museum ........................... 632, 633
silvering, described by Evan Davies ....................................... 70, 73
Silvester, John, of London, clockmaker, will .......................... 813
Simkins, Anthony, of London, watchmaker, will ................... 813
Simmons, Thomas, of London, watchmaker, will ................. 813
Simms, Terry, photograph of .................................................. 569
Simson, Edward, jpanner ......................................................... 221
Simpson, Joseph, of London, watchmaker, will ...................... 813
Simpson, Stephen, of London, watchmaker, will .................... 813
Sismon, David, manager of Buenos Ayres railway .... 870
Sinclair Glass ......................................................................... 732
Sinclair Harding, AHS visit to .................................................. 418
Sinderby, Francis Hayward, of London, watchmaker, will 813
  sing-song
    design process ................................................................. 646-9
design themes ................................................................. 649-56
drawing of ........................................................................... 646
sale arrangements ............................................................... 644-5
significance of designs ......................................................... 657-8
*The Sing-Song-Trade: Exporting Clocks to China*
in the Eighteenth Century, by Roger Smith ........ 629-58
  size of trade ................................................................. 636-8
types .................................................................................... 631-5
Skeavington, John ................................................................. 622
Skeggs, William, of Rotherhithe, watchmaker, will .......... 535
  skeleton clock
  anonymous, ¼ chiming ....................................................... 768
  anonymous, Gothic cathedral, musical .................................. 13
Skiketherp, William, of London, clockmaker, will ............... 813
Skinner, John, of Exeter, watchmaker, will ......................... 527
Skinnerton or Srinnerton, Thomas, turret clock, Lichfield ...... 569
Sladen, William, of Bristol, clockmaker, will ......................... 529
Sleath, Gabriel, of London, clockmaker, will ......................... 813
Slade, William, of London, clockmaker, will ......................... 813
Sly, John, of Weymouth and Melcome Regis, watchmaker, will .... 528
Smallwood, R., of Macclesfield, turret clock ......................... 708
Smelling, James, of Alton, clock and watchmaker, will ....... 529
Smith & Sons, Clerkenwell, turret clock .................. 423
Smith, Adrian, clockmaker at Windsor Castle ......................... 314-15
Southern Section, see AHS, Southern Section
Spaan, P.C., collection ................................................................. 309, 727-8
Spark, George, of Elgin, watch and clockmaker, will ............. 537
Spark, Angel, of Plymouth, watchmaker, will ...................... 527
Sparks, Brian
lecture report ........................................................................ 257, 570
rust removal demonstration .................................................. 417
speaking clock ........................................................................ 117
Speakman, Edward, of London, clockmaker, will ............... 814
Speakman, Thomas, of London, clockmaker, will ............... 814
Speakman, William, of London, clockmaker, will .............. 814
Spearing, William, of London, clockmaker, will ............... 814
Spencer, Mr & Mrs Geoffrey,
Milan and Tuscany Study Tour, report .................................. 715-19
Spenley, Howard ....................................................................... 504
Sperry and Shaw, of New York ........................................... 833-4
Speth, Andrew, & Co., of Liverpool ..................................... 671-2
Spiller, Chris, Secretary, Midlands Section ......................... 119
Spitalfields church ................................................................. 395
Spitzer, Frédéric ....................................................................... 334, 338
sprite clock
Daniel Delander’s bill for repairing a Tompion .............. 54, 55
Spuce, Philip ........................................................................... 95
Spurrier, John, of Wimborne Minster, watchmaker, will .... 528
Square wheeled clocks, letter from Don Unwin ................. 583
staatklok .................................................................................. 125
Stafford, James, of London, watchmaker, will ............... 814
Stafford, John, of London, clockmaker, will ............... 814
Stamper, Francis, of London, clockmaker, will ............... 814
Standard Time Company
1886, stock market flotation ................................................... 507-9
1886–1895, failure .................................................................. 509
1896–1900, resurrection ......................................................... 510
1900, return of engineers ...................................................... 510-12
1904, synchronisation legislation ....................................... 512
1905–12, City men once more ............................................. 512-16
1912, winding up .................................................................. 515-16
1920–1946, the Morden Years .............................................. 516-19
1941 onwards ........................................................................ 519-21
catalogue, 1912 ..................................................................... 515-16
key personnel ........................................................................ 523
master clock ........................................................................... 518
New Haven ............................................................................ 504
patents, listed ....................................................................... 522
stamp illustration .................................................................... 521
The Standard Time Company Limited,
lecture by James Nye & David Rooney ................................. 427
‘Such Great Inventors as the Late Mr Lund’: an introduction to the Standard Time Company, 1870–1970,
by James Nye and David Rooney .......................................... 481-500
Stansbury, Richard,
longcase clock c. 1725, walnut, penny moon ..................... 8
Stansbury, Thomas, of Hereford, watchmaker, will .......... 529
Stanton, Edward, of London
lunatic clock ........................................................................... 294, 450, 758
night clock movement ............................................................ 461
Starr, Michael & Maria, The Magic of Automata, lecture .... 254
Starrudge, John, of Lymington, watchmaker, will ............ 529
Stayner, Anthony, of London, watchmaker, will .............. 814
STC, see Standard Time Company
Stearns, Joseph, of London, watchmaker, will ............... 814
Stebbing of Southampton, sypmiosiometer ...................... 123
Stedman, Richard, of Godalming, watchmaker, will ......... 355
Steel, Richard, of Bridgnorth, watchmaker, will .......... 533
Stephens, John, of London, clockmaker, will ............... 814-15
Stephens, Joseph, of London, clockmaker, will ............ 814-15
Stephens, Philip, of London, watchmaker, will ............... 814
Stephenson, George, of Warminster,
watch and clockmaker, will .................................................. 537
Stephenson, William, of Dorchester,
clock and watchmaker, will ................................................. 528
Steven Hoogendijk (1698–1788) Rotterdam (watch),
Picture Gallery .............................................................. 546-7
Stevens, George, of Hindon, clockmaker, will ................. 537
Stevens, George, of London,
bracket clock, tortoise-shell case, basket top .................. 307
Stevin, Simon .......................................................................... 347, 348
Still Fretting Over Priority – how Hooke tried to set the pocket watch story straight, lecture by Professor Lisa Jardine ... 251-2
Still, Roger, Longcase Clock Development, lecture .......... 263
Stimson, Richard, of Ely, watchmaker, will ................. 526
Stocker, William, of Hornton, watchmaker, will ........... 527
Stockings, George, of London, watchmaker, will ............ 814
stoelklok (stool clock) ........................................................... 575
Aleva, of Joure ........................................................................ 125
Stokes, William, of Stourbridge, watchmaker, will ........... 537
stolen clocks and watches
Boulton, Matthew, ‘Minerva’ mantel clock ......................... 308
for list of items stolen see Police Page
Stone, Andrew, of London, clockmaker, will ................. 814
Stone, Richard, of London, watchmaker, will ................. 814
Stone, Roger, of London, watchmaker, will ................. 814
Stone, Tony, pivot finishing ................................................. 417
Stoner, David C., lecture report .......................................... 571-2
Stones, Thomas, of London, bracket clock ...................... 615
stool clock, see stoelklok
stop watch, see chronograph
stopwork, Maltese cross ....................................................... 84
Storr, Jonathan, of York, watchmaker, will ................. 537
Story, William, of London, watchmaker, will ................. 814
Strachan, Charles, of London, watchmaker, will ........... 814
Strachan, James A., of Atlanta, watchmaker and jeweller
import of Scots women to America .................................... 64, 65
letterhead 1921 ..................................................................... 64, 65
Strahan, John, of Hull, bracket clock, mahogany .............. 449
Strange, William, of Kingston upon Thames,
watchmaker, will ................................................................. 535
Strasbourg Cathedral clock,
ecclesiastical computer model ........................................... 857
Stratton, James
Clockfest at the Museum of the History of Science,
Oxford .................................................................................. 172, 175
photograph of ........................................................................ 175
Streeter, E.W., watch manufacturer ................................... 258
Stretch, Samuel, of Leek, lantern clock ......................... 120
Stribling, Benjamin, of Stowmarket, lantern clock ........... 120

ANTiquarian Horological Society

946
strike/silent, see dial, strike/silent

striking

Eardley Norton’s 1771 patent for striking clocks & repeating watches by John A. Robey ...................... 88-95

striking and going, single winding

Coster, Salomon ...................................................... 201, 202

Stones, Thomas, of London, bracket clock ............. 615

striking, cross linkage

Joseph Knibb, London, bracket clock ....................... 5

striking, grande sonnerie

Magellan, J.H. de, of London, mahogany longcase ....... 40

Richard et Cie, carriage clock ...................................... 152

striking jack

Mahieu, of Coigne, 1596, chamber clock, automaton .... 159

striking, nag’s head ..................................................... 582

striking, passing, Eardley Norton’s patent no. 987, 1771 ... 88

striking, passing, every minute

Geiser, Fratelli, of Milan, astronomical regulator ...... 716

striking, passing, ½-hour, lantern clock, Somerset 8-day ... 722

striking, quarter, see also chiming, quarter

Blanchard, Abraham, of London, red lacquer longcase 603

Coates, G., of London, carriage clock, walnut cased, perpetual calendar, fusee ........................................... 748

McMaster & Son, of Dublin,

 carriage clock, no. 3666, duplex................................. 453

Miller, Frederick, bracket clock, miniature musical .... 892

Norton, Eardley, of London, patent no. 987, 1771 .... 88

Payne, of London, carriage clock ................................ 455

Renaissance horizontal table clock .......................... 675-9

Royle, Thomas, of Whitehaven, longcase, oak .......... 607

striking, rack, inside

Huggeford, Ignatius, of London, bracket clock ........... 466

striking train, iron framed chamber clock .............. 79-80, 81

Stubbs, Thomas, of London, longcase clock ............. 158

Stubs, Peter, hacksaws .................................................. 120

Study Tours, Susan Knight

2007 proposals ......................................................... 114-15, 246

2008 proposals .......................................................... 565, 715

Snuttard, John, Alderman ........................................... 24

Style, Nathaniel, of London, clockmaker, will........ 814

Style, Richard, of London, clockmaker, will ............. 814

subscription, notice of increase for 2008 .................. 410

Such Great Inventors as the Late Mr Lund: an introduction to the Standard Time Company, 1870–1970, by James Nye and David Rooney ................................. 481-500

Sugar, George, of London, watchmaker, will .......... 814

Sumart, Orpheus, of Clerkenwell, tavern clock ........ 376-9

Summerhayes, Robert, of Taunton,

watch and clockmaker and music seller, will ........ 525, 533

sundial, books reviewed, Lester, John (ed.), Mrs Crowley’s Sundial Sketchbooks of Devon and Cornwall ............................. 856-7

sundial, maker

Poleman, J. .................................................................. 707

Smith, Alan .................................................................. 623

sundial, place

Ermington, Devon .......................................................... 707

Towneley Hall .............................................................. 623

Surridge, John, of Bridgewater, watchmaker, will ... 533

suspension, double-spring type after Berthoud ........ 38

suspension, roller


Sutton’s Hospital, Smithfield (Charterhouse) .......... 392, 394

Svay Kopecek Monastery, Moravia ......................... 398

swan, automaton, ‘Silver Swan’, Bowes Museum .... 632, 633

Swan, (ship), watch found in wreck of .................... 721

Swan, William Dowell, of Margate, Isle of Thanet,

watch and clockmaker, will ................................. 531

Sware, Simon, of Norwich, wooden clock maker, will ... 532

Sweden

Visby, visit by Victor Kullberg, song in honour ....... 48, 49

Swedensborg House, London venue ...................... 406

Swinden, Jean Henri van ........................................... 375

Swinfen-Brun, Mrs M.A. .............................................. 568

Swiss-German clockmakers and their work ............ 100-1

Switzerland

J-F. Houriet, father of chronometry in ................... 97-8

Watches from Switzerland 1580–1680,

lecture by David Thompson ................................. 120-1

Sykes, Geoff, Turret Clock Collecting, lecture ........... 877

sympiesiometer

Harrison, Wills .......................................................... 123

Stebbing, of Southamton .......................................... 123

Synchronome

Synchronome Co., Synchronome House ................. 515

system familiar to W. H. Shortt ............................... 570

T

table clock

Cole, Thomas (attrib), Egyptian revival ..................... 460

German, 17th century, four fusees, movement ....... 598

horizontal, two un-named German ......................... 15

Oosterwijk, Severijn and Johann ............................. 728

Orpheus clock ............................................................ 463

PP, quarter striking, gilt horizontal ......................... 675-9

Webster collection ...................................................... 675

vertical, un-named German 16th century ................ 15

Tankerville, 1st Earl of,

Daniel Delander’s bill for clock and watch repairs .... 54, 55

tavern clock

Allam & Caithness, of London ................................. 162

Cumming, Alexander, of London, lacquer case ....... 759

Pike, James, of Newton Abbott, lacquer case ........ 450

Pinchbeck, Christopher, of London ....................... 417

Sumart, Orpheus, of Clerkenwell ............................. 376-9

Thwaites, of London, movement .............................. 162

Tawney, Robert, of London, watchmaker, will ...... 814

Taylor, Chris ............................................................. 729-31

Taylor, Henry, of London, watchmaker, will ..... 814

Taylor, Jasper, of London, clockmaker, will .......... 814

Taylor, Dr John

Fromanteel Lecture 2007,

Astronomers versus Horologists ............................ 249-50

Harrison’s wooden clocks, letter ......................... 429-30

Taylor, John, of Bath, watchmaker, will ................. 533

Taylor, John, of Petworth, watchmaker, will ......... 535
Taylor, Richard, of London, clockmaker, will..................814
Taylor, Richard, of Reading, watchmaker, will..............526
Taylor, Terry ....................................................................124, 249, 574
Taylor, Thomas, of London, clockmaker, will..............814
Taylor, Thomas, of London, watch and clockmaker, will.814
Taylor, Thomas, of Manchester.................................666

teal, sale of .....................................................................648

temperature compensation, see compensation, temperature

indication

Brocot, L.G., of Paris, table regulator............................771
Houriet, Frédéric (Jacques-Frédéric), watch ....................97
Janvier, Antide, of Paris, “Audience” clock...............771
Lepaute, J.J., of Paris, longcase regulator ....................770
Tennant, Frances,
The Longcase Painted Dial in Liverpool ..................659-74
Terry, Eli ........................................................................830, 831

wooden shelf clock .........................................................832
Tesmond, Michael .........................................................524
Thackwell, Thomas, of Monmouth, watchmaker, will ....538
thermometer, Magellan, John Hyacinth de, clock no. 7 ....31
Thibault, Victor ..................................................................726
Thiour, Antoine, ‘detached’ escapement .....................366
Thomas, John, of London, watchmaker, will ..............814
Thomas, Richard, soldering demonstration ..................417
Thomas, Seth..................................................................262, 830, 839

novelty clock, violin shaped .............................................13
Pillar and Scroll clock .................................................832
Thomas, William, of London, watchmaker, will ..........814
Thomas, John, attorney ..................................................219
Thompson, David..........................................................703, 720, 721, 723-4

The British Museum Watches, reviewed ....................855-6

Clockfest at the Museum of the History of Science, Oxford .................................................................172, 175

European Clockmaking 1500–1650, lecture .................416-17

Lantern clocks, seminar ................................................172, 176

lecture report .................................................................116-17

The Octavius Morgan Archive: Addendum .................798-803

photograph of ..................................................................175

Watches from Switzerland 1580–1680, lecture ...............120-11

For your further reading ................................................135-6

Thompson, Joseph, of Cirencester, clockmaker, will ....529

Thompson, of London, bracket clock, ¾ chiming ........566
Thomson, William, of London, watchmaker, will.........814
Thorlet, John, of London, watchmaker, will ...............814
Thor, James, of Colchester, clockmaker, will ...............528
Thorne, John, of London, watchmaker, will ...............814
Thorton, Henry, of London, longcase clock, musical, red lacquer .........................................................757

Thorton, John

at Keble College Oxford AGM 2007 ......................247
Samuel Deacon, Clockmaker of Leicestershire, lecture ....252

Thorpe, Benjamin, of Chepping Wycombe, watchmaker, will .................................................................526
Threlkeld, William, of London, watchmaker, will .........814
Thristle, James, of Stogursey, longcase clock, painted dial, month duration, lunar and calendar indications ....287
Thurat

pendule religieuse ..........................................................575

Thurat, Isaac, of Paris.....................................................625

mentioned in Huygens’ correspondence ...................197

pendule religieuse, private collection .........................208

wall clock .......................................................................624, 627

Thwaites and Reed

business archive, Guildhall Library .............................96
turret clock, Dover Docks ............................................876

Thwaites, Aynsworthy

business archive, Guildhall Library .............................96

Thwaites, Aynsworthy and John ..................................572

Thwaites, John, of Clerkenwell, turret clock, 1801 .........266

Thwaites, John, of London

business archive, Guildhall Library .............................96
turret clock

Faversham ..................................................................96

Thwaites, of Clerkenwell, turret clock ........................124
Thwaites, of London

regulator movement no. 5181 ....................................227
tavern clock movement ..............................................162

Thwing, James, of London, watchmaker, will .............815
tidal dial, see dial, tidal

Tiercelin, Isaac, of London, clockmaker, will ...............815

Tijdschrift, For your further reading .........................135-6, 276, 585-6, 737

Tilly, Nathaniel, of London, watchmaker, will .............815

Time and Place: English Country Clocks, see exhibition
time ball
clocks, Devonport, Rosyth, Gibraltar, and Singapore ..117

Edinburgh ....................................................................567

Gibraltar ......................................................................117

Greenwich, Royal Observatory ...................................117
time distribution

history of wireless ........................................................729

Newcastle Cathedral ..................................................427

Prangins time service ..................................................729

Standard Time Company .........................................501-23

Time Signals & Greenwich Observatory,
lecture by David Rooney .............................................420-1

timekeeper, marine, see also chronometer, marine; Harrison, John
de Koesfelt’s horologium ........................................353, 355-60, 362-4

Magellan, John Hyacinth de .........................................375

The Timekeepers of Thomas Mudge and the Manufactory of Thomas Mudge Junior, lecture by Jonathan Betts ....866

timepiece

Howard, E., weight-driven wall ....................................614

Perry, Henry, of London, tortoiseshell and ormolu case ..............297

Smith, Joseph, of Chester, walnut bracket, ¾ repeat ...449

Tompion, Thomas, no. 42, ¾ repeating, ebony ..........444-5

Tireau, Elizabeth .............................................................392

Tisiphone Casting Snakes, depiction of .......................342

Tite, Samuel, of London, watchmaker, will ..............815
title page

Instrumentum Novum seu Horologium Autobahrum ....354

Vera Methodus Inveniendi Longitudines Marinus .......353

Teibus, Morris, of London
clock, marine, no. 134, 499
Tobias, Myer Isaac, of Liverpool, watch manufacturer, will .......................................................... 531
Todd, Joseph, of Banks, North Meols .......................................................... 672
tolling train, turret clock, Cragside ........................................................................... 426
Tompion, Thomas, bracket clock ........................................................................... 725
ebony vened case, ¼ repeating, c. 1685 .................................................................. 149
no. 42, ¼ repeating, ebony timepiece ................................................................. 444-5
no. 238, ebony ....................................................................................................... 161
no. 249, ¼ repeating, ebony .................................................................................. 767
no. 271, ¼ repeating, brass inlaid ........................................................................... 767
Restoration of a Tompion Watch, lecture by John Day...873
silent pull spring clock, Delander’s bill for repairs ...54, 55
Thomas Tompion at ‘The Dial and Three Crowns’ book, advertised ......................... 109, 239
watch ‘Crottell’ ........................................................................................................ 826
going barrel ............................................................................................................. 820, 823-4
no. 104, capstan regulator ...................................................................................... 820, 823, 824-6
standing barrel ........................................................................................................ 820, 823-4
will .......................................................................................................................... 524, 815
Tompion, Thomas, and Edward Banger bracket clock, no. 465, ebony ....................... 767
tools caliper for lever escapements, Charles Curzon ........................................... 52
for experimental chronometry, Frédéric Houriet ............................................... 97
purchase of Houriet’s chronometer tools by City of Neuchâtel ............................. 97
Topping, John, of London, clock and watchmaker, will ........................................ 815
Torckler, Peter, of London elephant clock ................................................................ 653
musical clock, with automata ................................................................................ 640-1
Torin, Daniel, of London, watchmaker, will .......................................................... 815
Torkington, Jesse, of Newcastle-under-Lyme longcase clock .................................. 145, 213, 214
Torrens, Prof. David letter to, from Sanfrid Lundquist ........................................... 52-3
solved Kullberg archive ......................................................................................... 48
tortoiseshell watch case coverer
Guy, William, of London, will ................................................................................ 525
Tortore, James, of London, watchmaker, will ....................................................... 815
touch-pins, see dial, touch pins
Touliet, Thomas, of London, watchmaker, will ..................................................... 815
tourbillon Frédéric Houriet, supplied to A-L Breguet ............................................. 97
six-minute, White, Joseph, & Son, of Coventry, no. 38710 .................................. 446
triple axis, clock by Cees Wijnberg ........................................................................ 264, 265
Tournes, Jean de, publisher .................................................................................... 319
Toutin, Henri, enamel painter .................................................................................. 346
Toutin, Jean I, enameller .......................................................................................... 346
Towers and Bells of Devon, by Scott, Mack and Clarke, reviewed ......................... 98-100
Towneley Hall ........................................................................................................ 622
Towneley, Richard commemorative sundial ................................................................ 623
A Reconstruction of the ‘Great Clocks’ of Greenwich at Towneley Hall, Burnley, Lancashire .......................................................... 622-3
Townend, Troutbeck ............................................................................................... 212
trade card, see also ephemera
Cohan, A. & Sons, of Liverpool ............................................................................... 45
Crabtree, George, of Liverpool ............................................................................... 45
Grignion, Daniel and Thomas .................................................................................. 28
Kullberg, Victor, of London ..................................................................................... 45-7
Preston, Joseph & Sons ............................................................................................ 177
Walker & Hughes, of Birmingham ........................................................................ 477
trade mark
Frederick William Clerke, of London, split second chronograph, no. 2829............... 83, 84
trade, with China ...................................................................................................... 629-31
tradesmen, horological, wills of ............................................................................. 525
Traunter, Thomas, of Shrewsbury, watchmaker, will .......................................... 533
travelling case
Coates, G., of London, carriage clock ................................................................. 748
travelling clock
Italian, depicted in fresco c. 1561 ........................................................................... 580-1
Mudge, Thomas ...................................................................................................... 723
Treffry, Timothy ..................................................................................................... 567, 864
Tregent, James, of London ..................................................................................... 386
biography ................................................................................................................ 387-8
watchmaker to the Prince of Wales ................................................................. 387
will .......................................................................................................................... 388, 815
Treherne, A.A. (Alan) .............................................................................................. 245
The Contribution of South-West Lancashire to the Development of Horology, lecture .......................................................... 866
Triebe, Daniel, of Portsmouth, watchmaker, will ................................................. 529
Tribe, William, of London, clockmaker, will ....................................................... 815
Tripett, William, of London, clockmaker, will ..................................................... 815
Trubshaw, John, of London, lantern clock ......................................................... 294, 450
Tsuda, S.M., of Japan ............................................................................................ 719
Tucker, Christopher, of London, watchmaker, will ........................................... 815
Tuckey, Gyles, of London, watchmaker, will ....................................................... 815
Tuckey, Gyles, of St Albans, watchmaker, will ..................................................... 530
tune bar, see also carillon
King’s Norton church .............................................................................................. 423
tuning fork
Bulova watch ........................................................................................................... 568
Omega ‘megasonic’ watch ....................................................................................... 568
Tuning fork timekeeping, lecture by Sinclair Logan ............................................. 568
Tunnicliff, George, of Derby, watch manufacturer and jeweller, will ...................... 527
Turner, Charles, of London, clockmaker, will ...................................................... 815
Turner, Lewis Joseph, of Kingston upon Thames, jeweller and watchmaker, will ........ 535
Turner, William, of London, watchmaker, will .................................................... 815
turntable base, bracket clock
Webster, William, of London, walnut, repeating ................................................. 459
turret clock
Church clock, St Mary of Charity, Faversham, Kent, by Mike Bundock ................ 96
exhibition of various ................................................................................................. 784-5
tolling train, Cragside ............................................................................................. 426
Turret Clock Code of Practice, letter from Chris McKay ................................. 132
Turret Clocks of the 19th Century, lecture by Mike Bundock ................................. 116-17
Turrer Clock Group see AHS, Turrer Clock Group
turret clock, maker ........................................ 785
Armstrong, Newcastle-upon-Tyne, Cragside .................... 426, 427
Bailey, W.H., of Salford ........................................... 874, 876
Baldwin, F.W., of Cratfield ......................................... 723
Barber & North ........................................................ 726
Benson, James W., of London .................................... 124, 186, 568
Blaylock of Carlisle, dated 1838 ................................. 266
Clements of Mildenhall, 2007 ........................................ 267
Cooke, of York
Barnard Castle, 1874 ................................................. 424
Durham Cathedral .................................................... 424, 427
Heighington, 1868 ...................................................... 425
Cryer, Bill
Addingham, St Peter’s ................................................ 417
Carleton-in-Craven, St Mary’s ................................. 417-18
Davis, James, of Windsor ........................................ 876
Davis of Windsor ........................................................ 265
Dent ................................................................. 572
Dent & Co.
Cardiff Castle .......................................................... 576
Liverpool .............................................................. 785
Dent, of London
Barleythorpe Hall ..................................................... 423
dated 1871 .............................................................. 266
Divizioli, Francesco, of Cremona ................................ 716-17
Eayre, Joseph, of St Neots ........................................ 423, 424
Evans, of Birmingham .............................................. 876
Gillet ............................................................... 572, 870
Cambo, Holy Trinity church ...................................... 427
Gillett and Bland ..................................................... 116
Ottery St Mary ....................................................... 99
Gillett and Johnston ................................................... 124
Cardiff, City Hall ..................................................... 576-7
Harrison, John, Broklesby Park clock ........................... 259
Harley, T.M., of Silchester ......................................... 426
Heimann, Peter ....................................................... 874
Hindley, of York ...................................................... 427
Holmes, John, of London,
Greenwich Naval Hospital ....................................... 265-6
Jourdain, William, of London, Spitalfields church ........... 396
Joyce, J.B., of Whitchurch ......................................... 569
Knibb, Joseph ........................................................ 315
Linderoth, of Sweden ................................................ 874
Moore, J., Hexham Abbey ......................................... 427
Moore, John and Sons, of Clerkenwell ......................... 124
Morcombe, John ...................................................... 99
Muirhead & Son, of Glasgow, dated 1861 .................... 267, 583
Murch ................................................................. 99
Paine, J.P., Spitalfields church ................................... 396
Ports, of Pudsey ....................................................... 417
Ports (Shibden Hall) .................................................. 419
Ports, W., Newcastle Cathedral .................................. 425, 427
Ports, W., of Leeds ................................................... 569
Cardiff, Pierhead building ........................................ 577
Pridham, Lewis ....................................................... 100
Richie, James, of Edinburgh ....................................... 874
Skinner or Skinner, Thomas ....................................... 569
Smallwood, R., of Macclesfield .................................. 708
turret clock, maker, continued,
Smith & Sons, Clerkenwell ....................................... 423
Smith, Gabriel, of Nantwich ....................................... 268
Smith, John ........................................................... 116
Smith, Joseph, of Chester ......................................... 785
Smith, S. ............................................................... 116
Thwaites ............................................................... 116
Thwaites and Reed .................................................. 873-4, 876
Thwaites, John, of Clerkenwell, dated 1801 ................. 266
Thwaites, John, of London ........................................ 96
Thwaites, of Clerkenwell .......................................... 124
Thwaites of London, Greenwich Hospital ................. 265-6
Tutel, Edward, of London .......................................... 124
various 19th century ................................................ 115
Vulliamy, Benjamin Lewis ........................................ 315
Windsor Castle ....................................................... 315
Ward, Henry, of Blandford ....................................... 875, 876
Whitehurst & Son of Derby, Lunatick Asylum ........... 268

turret clock, place
Addingham, St Peter’s church .................................... 417
Alnwick, St Michael’s church .................................... 426, 427
Barleythorpe Hall ..................................................... 423
Barnard Castle, St Mary’s church ............................... 424
Bermuda .............................................................. 124
Birmingham, Council House ...................................... 870
Broklesby Park ....................................................... 259
Cambo, Holy Trinity church ...................................... 427
Cardiff
Castle ................................................................. 576
City Hall .............................................................. 576-7
Pierhead building ..................................................... 577
St John the Baptist .................................................. 577
Carleton-in-Craven, St Mary’s church ......................... 417-18
Cragside .............................................................. 426, 427
Cremona .............................................................. 716-17
Derbyshire Lunatick Asylum .................................... 268
Dover Docks .......................................................... 876
Durham Cathedral .................................................. 424, 427
Exeter ................................................................. 119
Faversham, St Mary of Charity ................................... 96
Gaulby, St Peter’s church ......................................... 423
Greenwich Naval Hospital ....................................... 265-6
Hartland, St John’s church ....................................... 99
Heighington, St Michael’s church ............................... 424, 425
Hexham Abbey ....................................................... 427
Hong Kong, Star Ferry terminal ................................ 572
Honiton ............................................................... 99
Husbands Bosworth, All Saints church ....................... 423, 424
Ilkley, All Saints church .......................................... 417
Ipplepenn ............................................................. 312
Islip, Northampton .................................................. 876
Kibworth, St Wilfred’s church ..................................... 423, 424
King’s Norton church .............................................. 423, 424
Lichfield
Cathedral .............................................................. 569
clock tower .......................................................... 569
Guildhall .............................................................. 568
St Mary’s church ................................................... 569
turret clock, place, continued.
London, Spitalfields church ........................................ 396
London, Wellington Barracks ...................................... 873-4
Milton Abbey ............................................................. 876
Newcastle Cathedral .................................................. 428, 427
Newton St Cyres ....................................................... 100
Ottery St Mary .......................................................... 99, 119
Rye, church clock ...................................................... 116
Wallington Hall .......................................................... 427
Windsor Castle .......................................................... 315
Wythenshawe Hall ....................................................... 268

Twet, Edward, of London clockmaker, will (1789) ........... 815
turret clock, Bermuda ................................................. 124
Twyford, John, of London, watchmaker, will ............... 815
Tyndal, Onesiphoras, of Birmingham, japanner .......... 471
Tyrer, Thomas, of London, watchmaker, will ............. 815
Tyte, Samuel, of Warminster, watch, clockmaker and silversmith, will ................ 537

U

Udall, Thomas, of London, clockmaker, will ............... 815
Uffington, John, of London, clockmaker, will ............... 815
Ulrich & Co., of London, chronometer, marine, no. 2 ....116
United States Watch Company, factory ...................... 836
Unwin, Donald (Don)
square wheeled clock ................................................ 723
Square wheeled clocks, letter .................................... 583
The Unwin Replicas, letter ......................................... 131
Upjohn, James, of London .......................................... 631, 643
automaton, carriage with watch ................................ 654
automaton, elephant-drawn carriage with watch .......... 632
Upjohn, Thomas, of Exeter, watchmaker, will ............ 527
Upjohn, William, of Exeter, watchmaker, will .......... 527
Upton Hall, BHI headquarters .................................... 620
Upton, Thomas, watchmaker, of London ..................... 250-1
Urie, Walter, of Dundee, longcase clock ...................... 220
Usher and Cole, of London ......................................... 507
note to Joseph Preston & Sons .................................... 179
Uswald, Johannes, table clock .................................... 125

V

Vacheron & Constantin, of Geneva, wrist-watch
1937 ........................................................................ 8, 166, 437, 593, 610
no. 696909 ................................................................ 762
Vale, Samuel, of Coventry ......................................... 122
Vale, William, of London, clockmaker, will ............... 815
Vallin, Nicholas, musical chamber clock
discovery ..................................................................... 695-6
An Iron Chamber Clock by Nicholas Vallin 1598, by Jeff Darken ........................................ 597, 695-703
musical train and barrel ............................................. 700-3
Valline or Valyne, John, of Ryssel, clockmaker, will .... 538
van der Ley, Jan Hendrickzoon Jarichs ....................... 348
Vancouver, George ..................................................... 723
Vandermulin, Lawrence, of London, watchmaker, will .... 815
Vanscolina, Jeremiah, of London, watchmaker, will ...... 815
Varley, Samuel, of London, watchmaker, will ........... 815
Vatican time,
watch, Frederick William Clerke, of London c. 1866 ...... 87
Vaucanson, Jacques .................................................... 633-4
Vaughan, Amie Anne ................................................. 395
Vaughan, Edward, fan maker ..................................... 387
Vaughan, Edward, miniature painter ......................... 387
Vaughan, Sarah Amie (daughter of Edward) ............... 395
Vaughan, Sarah, wife of Edward ................................. 395
Vaughan, Thomas, artist and Royal Academy clerk .. 385, 395
Vautrollier, James, of London, watch, Puritan style, 1631 ........................................ 798-803
Vauxhall mirror door to longcase,
Thorton, Henry, of London ........................................ 757
Venus and Cupid, depiction of ..................................... 327
Venus Mourning the Dead Adonis, enamel plaque .......... 319, 345
Venus, The Transit of; lecture by Matthew Read .......... 255-6
Vernon, Thomas, of London, clockmaker, will .......... 815
Vesper, Thomas, of London, watch and clockmaker, will. 815
Vesper, William, of London, watch and clockmaker, will .... 815
Vey, John, of Wimborne Minster, watchmaker, will .... 528
Videon, John, clockmaker, turret clock order, Faversham ... 96
Vienna regulator, see wall clock
Vier, Paul, of Blois, watch, enamelled case .................. 292
Vigier, Jean, enameller ............................................... 345
Vigier, Suzanne .......................................................... 325
Vigne, Ferdinand, of London, watchmaker, will .......... 815
Villa Foscari (La Malcontenta), near Venice .......... 380
Vincent, Clare ............................................................ 346
'Sing-Song' Gemstones, letter ..................................... 879-80
Some Seventeenth-Century Limoges Painted Enamel
Watch Cases and their Movements .................. 317-46
Viner, Charles Edward, of London
biographical information ............................................ 227
regulator, longcase, c. 1813 ........................................ 225-7
Virgoe, Thomas, of London, clockmaker, will ............ 815
Vizagh, Pieter, of The Hague ....................................... 203
Hague clock ............................................................. 309
pendulum clock ........................................................ 199
signature ................................................................. 203
Vehmeyer collection .................................................. 207
visiting card
Victor Kullberg, of London, photographic portrait. 45, 47
Vokin, George, of Newtown, clockmaker, will ............ 529
Volger, Dirk Jacobszoon, Zaanse clock ..................... 728
Voyce, Gamaliel, of London, clockmaker, will .......... 815
Vulliamy & Sons .......................................................... 726
Vulliamy, Benjamin
letter to John Hyacinth de Magellan ........................... 375
mantel clock no. 351, 1804 ......................................... 157
paid by Magellan ...................................................... 27
price of watches ......................................................... 375
Vulliamy, Benjamin Lewis

carriage clock, no. 1239, striking...................... 453
turret clock, Windsor Castle ........................................... 315
will................................................................. 816

Vulliamy, (François) Justin, of London

Gray & Vulliamy Outworkers,
letter from Roger Smith........................................ 131-2

W

Waddington, Trevor, lecture reports.......................... 574
Wade, Henry, of London, watchmaker, will .............. 816
Wadsworth, J. H. F. (Francis) ........................468-9
obituary, by R.H. Miles........................................... 468-9
Waight, William, of Birmingham, 
clock and watchmaker, will.............................. 536
Wainwright, of Ormskirk, watch................................. 256
Waite or Wait, John, of London, 
watch and clockmaker, will........................................... 816
Waldron, John, of London, watchmaker, will .............. 816
Walford, James, of Great Bardfield, 
clock and watchmaker, will........................................... 528
Walker & Finnemore, of Birmingham, clock dial maker..... 476
Walker & Hughes, Birmingham, clock dial maker...... 222, 477
 trade card ............................................................... 477
Walker, Charles, of Coventry, watch manufacturer, will... 536
Walker, Charles, of Ludlow, longcase clock.................. 722
Walker, George Glover, of Ashed, Aston and Birmingham, 
clock dial maker............................................... 218, 221, 476, 478
will................................................................. 536
Walker, Thomas, of London, watchmaker, will .............. 816
Walker, William, of London, clockmaker, watchmaker, will 816
wall clock, see also Hague clock; regulator, wall; tavern clock
Archer, of Stow-on-the-Wold, hook and spike .............. 290
Boston Clock Co., drop dial ......................................... 13
Dunning, J.N., drop dial ............................................ 13
Ellicott, John, of London ........................................ 165
Grignion & Son, with detached escapement ................. 371-2
Grignion, Thomas, of London, Royal Society of Arts 28-9
Howard, E., weight-driven timepiece ......................... 614
Italian, with travelling case, 
deepicted in fresco c. 1561 ........................................ 580-1
Jourdain, William, of London, 
hooded, single handed ............................................. 386-400
Mahieu de Coigne, iron chamber clock, 1596............... 159
Munger, Asa......................................................... 13
Parthia, Kroebem .................................................. 13
Willard, Aaron ..................................................... 13

wall clock, English dial
anonymous, drop dial .................................................. 13
Daniel, Phineas, of Bristol, verge, wooden bezel .......... 754
Dutton & Co., of London, drop dial timepiece ............. 608
Yardley, of Bishop Stortford, drop-dial....................... 290
Wall, John, of Kenilworth, watchmaker, will ................. 536
Walpole, Henry, of London, watchmaker, will .............. 816
Waltham Watch Company ........................................ 262
 military watches .................................................... 262
Model 57 watch .................................................. 262

Walton, Colin.......................................................... 569
Walton, James, of Prescot, watchmaker, will ............... 531
Ward, Henry, of Blandford, turret clock ...................... 875, 876
Ward, John, of London, clockmaker, will ..................... 816
Ward, William Henry and Son, of Liverpool ................. 660
Wardlow, Henry, of Liverpool ................................... 659
Warne, John, of Calcutta, watchmaker, will ................. 538
Warner, George, of Hertford, watchmaker, will .......... 530
Warner, John ....................................................... 573

A Miscellany of Rarely Seen Clocks, lecture.............. 571-2, 873-4
Warner, John, of Evesham, clock and watchmaker, will... 537
Warner, Thomas, jeweller........................................... 221
Warren Hastings, log book ...................................... 489, 491
Warwick, Adrian, Collecting Clock Memories, reviewed... 402
Wasson, Solomon, of Bristol, lantern clock .................. 14
Wastell, John........................................................... 723
watch .............................................................. 386-400
see also alarm watch; chronometer, pocket
anonymous, German, c.1640, heliotrope case ............... 301
anonymous, straight-line balance spring ...................... 818
Beeley, R & G, of Liverpool, no. 23432 ......................... 60-2
Benedict, Samuel W., of New York, 
no. 4334, gold lever ................................................. 60
Benson, James W., of London ..................................... 190
Calendar.................................................................... 184
calendar ..................................................................... 190
Chronograph .............................................................. 184
complicated watches (catalogue) .................................. 188
Field ....................................................................... 190
Meridian ................................................................. 184
Perpetual ................................................................ 184
Bernard, Nicolas, of Paris........................................... 329-33
Berry, Frances, of Northampton .................................. 803
Bovey of Fleurier, centre-seconds duplex ..................... 638
Bracebridge, E. C. & Co., Clerkenwell 
nos. 32402, 32405, 32525, 32536, 32537, 32851, 
32908, bill............................................................. 57
Breguet, of Paris 
no. 2649 .................................................................. 304
various ..................................................................... 303
Brockbanks, of London, no. 5581 ................................. 228-31
Büschman, – August .................................................. 337, 338
Clerke, Frederick William, of London 
hallmarked 1891 ...................................................... 87
six hour dial for Vatican time. c.1866 ......................... 87
Cunstable, Daniel, of London ...................................... 274-5
Delande, Pierre, of Paris ............................................. 336
Delander, Nathaniel, silver case ................................. 54, 55
Dent, E. & Co., no. 42687, lady's gold cased ............... 55, 56
Dent, J.B. & Sons
Champion ............................................................... 183
Ever Reliable ............................................................ 183
Excelsior ................................................................. 183
Reliable ................................................................. 183
Emery, Josiah, of London, no. 615 .............................. 375
Fitter, John, of Battersea .............................................. 819
French, James Moore, no. 4203 ................................. 151
Gib, William, of Rotterdam ....................................... 125
no. 214 .................................................................. 232-5
watch, continued,
Glover, John, of Prescot...........................................256
Gout, Ralph, pedometer watch, no. 122/221/244. 539-45
Graves, J.G., of Sheffield
Canterbury..........................................................192
Express .............................................................192
Imperial ............................................................192
Gretton, Charles, of London.................................429
Hamilton Watch Company ..................................256
Hare, Alexander, of London, no. 561...............33-4
Harrison of Warrington ........................................256
Hays of St Helens ................................................256
Helm of Crewes ...................................................256
Higgins of Regents Park ..........................................256
Higgins, Nicholas, found in wreck of ‘Swan’ .............721
Hinsdale and Aakin, of New York, no. 957 ........549
Holmes, George, rough movement .......................256
Hoogendijk, Steven, of Rotterdam,
no. 21, date, moon, tide, mock pendulum ..........456-7
Horton, A., of Ormskirk .......................................257
Jeffers, John, of London, no. 361, repair bill, 1754....195
Knottesford, William, of London,
Seignior type regulation .......................................828
Lancashire Watch Company, movements ................193
Le Maire, Jean, of Rome, straight-line balance spring ..818
Litherland, P., of Liverpool, dated 1814 (no. 130) ....256
Markwick, James, of London, Barrow type regulation 827
Newsome & Co., of Coventry,
no. 124774, Kew certificate ................................55, 58
Nicole & Capt, dated 1843 ..................................258
Patek Philippe, five-minute repeat .....................462
Ramsay, David
with arms of Robert Carr ..................................323
case with Limoges enamels,
scenes from Ovid .................................................318-23, 338
Rockford, railway .................................................840
Ryland, John, of Ormskirk ..................................256
Seignior, Robert, of London,
early balance spring .........................................819-22, 823
Smith, S., & Son Ltd, Astronomical ......................194
Smyth, Andrew, of Belfast, no. 124774, Kew certificate 55
Tompion, Thomas
'Cottrell' ..........................................................826
going barrel .........................................................820, 823-4
no. 104, capstan regulator .................................820, 823, 824-6
standing barrel ....................................................820, 823-4
Upjohn, James, of London
in automaton carriage .......................................654
in automaton elephant-drawn carriage ..............632
Vautrollier, James, London, Puritan style, 1631 ...798-803
Vier, Paul, of Blois ............................................292
Vulliamy, Benjamin, prices ...............................375
Wainwright of Ormskirk ....................................256
Walsham Watch Company
model 57 .........................................................262
Wm. Ellory ........................................................262
White, Joseph, & Son, of Coventry & London,
no. 38710, six-minute tourbillon .....................446

watch, continued,
Yates of Preston ...................................................256
Zimmerman, Karl, no.15800 ..................................291
watch, alarm, see alarm watch
watch, brooch type, E. Dent & Co. catalogue ........181
watch, calendar ..................................................567-8
Benson, James W., of London ............................190
Calendar ..........................................................184
Hoogendijk, Steven, of Rotterdam, no. 21 ........546-7
Pybus, William, of London ................................635
Ramsay, David .....................................................318, 320, 322, 323
watch cap, Gout, Ralph, no. 122/221/244 ..........545
watch case, Limoges enamel ................................317-46
watch case maker
Delander, Nathaniel ..............................................574
Eastham, James, of Liverpool .............................291
English watch cases and their makers,
lecture by Philip Priestley ..................................574
Field, Joseph, of London ....................................228
Frosham, Harrison Mill ........................................602
Harding, Henry, of Coventry, will ........................536
Hardy, Henry, of Carisbrooke, will .......................529
Packwood, Samuel, of Coventry, will ...............536
Palmer, John, of London .....................................228
Ryley, William, of Coventry, will ......................536
watch case maker’s mark
H with coronet above ..........................................275
IM (coronet above) ..............................................234
JF (Joseph Field) ..................................................228
N.D. (Nathaniel Delander) ..................................819
RG, Parkinson & Frosham, of London, no. 737 .......7
S.B. (incuse), Hinsdale and Aakin, of New York, no. 957 ....549
WM (William Mansell?) .....................................151
watch case repair, Repairing Watch Cases,
by Schwanatus Fenimore, reviewed .....................548
watch, double dial, Pybus, William, of London ...635
watch, enamel cased
Bover of Fleurier ..................................................638
Some Seventeenth-Century Limoges Painted Enamel Watch Cases and their Movements, by Clare Vincent ....317-46
watch, engraved case
Beesley, R & G, of Liverpool, no. 23432 ..........60-2
watch manufacturer
Beesley, R & G, of Liverpool ................................60-2
Bracebridge, E. C. & Co., Clerkenwell,
letterhead, c. 1850 ..............................................55, 57
Newsome & Co., illustration of premises ..........58, 59
letterhead 1897 ..................................................55, 58
Roskell & Co., letterhead 1897 ..........................59
watch, repeating
Berrellas, Joseph Anthony, of London,
patent 3174, 1808 .............................................95
Eardley Norton’s 1771 patent for striking clocks & repeating watches by John A. Robey ..........88-95
Patek Philippe, five-minute repeat .....................462

953 ANTIQUARIAN HOROLOGY
watch, said to have belonged to
  Byron, Rev. Robert.................................................. 845-7
  Charles II, King...................................................... 819
  Lincoln, Abraham.................................................... 836
  Lloyd, William (bishop, 1627–1717).............................. 819
  watch, simplified form of, Frédéric Houriet.................... 97
  Watch Stand, lecture by Clifford Bird......................... 871
  watch strap converter, Benson, James W., of London........... 190
  watch trial certificate, Kew observatory

Newsome & Co., of Coventry, no. 124774......................... 58
  watch, wooden, Russian............................................ 870
  Watchmakers and Clockmakers of the World,
    by Brian Loomes, reviewed ........................................ 236
  watercolour, Pontypridd bridge, Thomas Hornor, 1819...... 68
  Waters, John, of Southwark, clockmaker, will............... 535
  Watkinson, Stephen, meeting report............................ 420
  Watson, Chris, Henry Hindley of York, lecture................ 252-3, 421-2
  Watson, Samuel, of Coventry ...................................... 122
  Watts, John, of Canterbury, watchmaker, will............... 531
  Watts, William, of Oxford, watch and clockmaker, will..... 532
  Webb, Thomas, of Birmingham, watch chain maker, will.... 536
  Webber, Arthur Booth ............................................... 520, 522
    patent, synchroniser, no. 12,518, 1901 ...................... 511
    website downloads ............................................. 114
  Webster, Richard, of London, watchmaker, will............. 816
  Webster, William, of London
    bracket clock
    ¼ repeating on six bells........................................ 163
    waisted arched case ............................................ 295
    walnut, repeating, turntable base ............................ 459
  Webster, William, of London, watchmaker, will, 1769...... 816
  Weeks, Thomas, automaton clock (stolen)....................... 132-3
  Weights, Brass Cases for, letter from J.M. Plowman........... 132
  Wellers, Richard, of Croydon, watchmaker, will............. 535
  Wennerstrom, George, manager of Kullberg’s business ...... 49
    Wennerstrom, Paul J.
      joined Kullberg’s ............................................... 49
      trade repair price list, when in New York ................. 49
  Wenzel, Johann, Die Astronomisch-geographische Uhr
    von Pater Thaddäus Rinderle, reviewed ....................... 401-2
  Werner, Johann........................................................ 250, 348
  Wertheimer, Charles and Asher, art dealers.................... 338
  West Country Section, see AHS, West Country Section
  West, Daniel, of Warborough, clockmaker, will............. 532
  West Dean College................................................... 776
  St Roche’s horological lecture
    2007, advertised ................................................ 20
    2008, advertised ................................................ 739
  West,James, of Sidbury, clockmaker, will..................... 527
  Westminster Abbey, John Harrison memorial plaque .......... 244
  Westminster, Great Clock ........................................... 182
    lecture by Ian Westworth on recent overhaul............... 868
  Westminster, Palace of........................................... 182
  Westoby, John, of London .......................................... 680
    clockmaker, will ................................................ 816
  Westworth, Ian, The Great Clock of Westminster –
    recent overhaul, lecture ........................................ 868
  Wertherell, C., of Cannock, longcase clock..................... 475
  Whatley, Robert, of London, watchmaker, will............... 816
    wheel, contrate
    Magellan, J.H. de, clock no. 7, to hour hand .............. 32
    Norton, Eardley, striking train, patent of 1771 .......... 91-2
    wheel cutting demonstration ..................................... 417
    wheel, square
    Square wheeled clocks, letter from Don Unwin.............. 583
  Wijnberg, Cees, clock .............................................. 264, 265
  Wheeler, see Desbois & Wheeler
  Whillins, Stewart, meeting reports............................ 268, 423-7, 874-7
  Whitaker and Shreve, of Halifax, dial maker ................ 660
  Whitaker of Halifax, dial maker ................................ 222
  Whity, Robert, of Chester, watchmaker, will................. 527
  White, Ian, The Macartney Embassy to China, lecture ....... 726
  White, Joseph, & Son, of Coventry & London
    Joseph White & Sons, lecture by Jeremy Hassall .......... 869
    note to Joseph Preston & Sons .................................. 178, 179
    six-minute tourbillon watch no. 38710 ..................... 446
  White, Joseph, of Coventry
    watch makers ........................................................ 122
  White, William, of Walsall, clock and watchmaker, will.... 533
  Whiteaves, Richard, of London, watchmaker, will........... 816
  Whithurst
    barometer, signpost ............................................ 569
    Whithurst & Son of Derby
      turret clock, Derbyshire Lunatic Asylum................... 268
  Whithurst, John, of Derby
    longcase clock, two train, six bell chime .................. 120
    longcase timepiece ............................................. 722
    single-sheet brass dial ........................................ 209
  Whitford, Thomas, of London, watchmaker, will.............. 816
  Whitting, Riley, shelf clock ...................................... 13
  Whittingham, Edward, of London, watchmaker, will.......... 816
  Whittingham, John, of London, watchmaker, will............. 816
  Whiton, Richard, of London, clockmaker, will.............. 816
  WHJ, silversmith’s mark ........................................... 395
  Who, Doctor, of Gallifreys ......................................... 577
  Wicks, William, of London, watchmaker, will................. 816
  Widenham, of London, chronometer, marine, no. 4825 ...... 116
  Widenham, Richard, of London
    chronometer, marine, no. 1980 ................................ 755
    chronometers ................................................... 500
  Wieland, John Frederick, of Walworth,
    watch and clockmaker, will ................................... 535
  Wieland, John, of London, watchmaker, will.................. 816
  Wigelsworth, Thomas, of Caistor, watchmaker, will........ 531
  Wijnberg, Cees, square wheeled clock ......................... 264, 265
    triple axis tourbillon .......................................... 264, 265
  Wijzers uit het Oosten, exhibition catalogue ................. 101
  Wilhelm IV, Stadtholder of Orange ................................ 355
  Wilkes & Baker, Birmingham dial makers ....................... 218
  Wilkes & Son, of Birmingham, dial maker ...................... 219, 660
  Wilkes, John, of Birmingham, dial maker ...................... 218
  Wilkes, Samuel, of Birmingham, dial maker ................... 660, 666
  Wilkins, John, of London, watchmaker, will.................. 816
  Wilkins, Joseph, of London, watchmaker, will................. 816
Wilkinson, William, of Liverpool, watchmaker, will .......... 531
Wilkinson, William, of London, clockmaker, will .......... 816
Will, of, see also Wills of Clock and Watchmakers ...
  Harrison, John ....................................................... 681-2
  Knibb, Joseph ....................................................... 526, 680-1, 807
  Quare, Daniel ....................................................... 804-6
Willan, Rev. Robert, of Cardon, clockmaker, will .......... 526
Willats, John, of London, watchmaker, will .............. 816
Willcocks, Daniel, of London, watchmaker, will .......... 816
Willett, William, Daylight Savings bill ....................... 514
Williams, Chris H.K., Clockmaking in Kent, lecture ...... 253
Williams, John, of London, clock and watchmaker, will ... 816
Williams, John, of London, watchmaker, will .......... 816
Williams, Robert, of Blandford Forum, clockmaker, will .. 528
Williams, Thomas, of Kings Sutton, clockmaker, will .... 532
Williams, Thomas, of London, watchmaker, will .......... 816
Williamson, George C ................................................. 317, 318
Williamson, Henry, watch manufacturer .................... 122
Williamson, John, of London, watchmaker, will .......... 816
Williamson, Robert, of London, clockmaker, will .......... 816
Williamson, Timothy, of London ................................. 638, 643
  flower-vasc clock .................................................... 652
Willoughby, Benjamin, of Bristol, watchmaker, will ...... 529
Wills of Clock and Watchmakers On-Line from the National Archives, by Clive N. Ponsford
  Part I: Wills of provincial clockmakers proved in London ................................................................. 481-500
  Part II: The City of London and Middlesex (A-J) .... 680-94
  Part III: The City of London and Middlesex (K-Z) ... 804-17
Wilson, Claude Vair, of London, watchmaker, will ...... 816
Willmott, Stephen, of London, clockmaker, will .......... 816
Willmshurst, Ninyon, of Brighton, clockmaker, will ...... 535
Willmshurst, Thomas, of Deal, watchmaker, will .......... 531
Wilson, see also Osborne & Wilson
Wilson, Eleanor Caswell ........................................... 221
Wilson, Frances Elizabeth ......................................... 221
Wilson, Frederick .................................................... 221
Wilson, George, of London, watchmaker, will .......... 816
Wilson, James, Birmingham dial maker ...................... 212, 659
  address ................................................................. 219
  gravestone of ....................................................... 210
  split with Thomas Osborne .................................... 219
  will of ................................................................. 221
Wilson, James Junior, Birmingham dial maker ............. 221
Wilson, James, of London, clockmaker, will .............. 816
Wilson, Jeremiah Caswell ........................................... 221
Wilson, John, of Liverpool .......................................... 659
Wilson, John, of Nuneaton, clock and watchmaker, will .. 536
Wilson, Mary, wife of Richard ................................. 221
Wilson, Mike
  AHS tour report .................................................. 419
  Chairman, Midlands Section ................................ 119
  photograph of ..................................................... 569
  watch-case making ................................................ 417
Wilson, Richard, of London, watchmaker, will .......... 817
Wilson, Richard, portrait painter ............................ 219, 221, 222
Wilson, Thomas Porter ............................................. 221
Wilson, William, of Kendal, longcase clock ............. 212, 213
  winding key, Eardley Norton’s patent no. 987 of 1771 .... 88
Windmills, bracket clock ........................................ 725
Windmills, Joseph, of London, will ............................ 817
Windmills, Thomas, of London, watchmaker, will ...... 817
Winn, John, of London, clockmaker, will .............. 817
Winne, St Andrew St John ....................................... 512, 513, 514, 515
Winnock, Daniel, of London, clockmaker, will .......... 817
Winnock, Joshua, of London, clockmaker, will .......... 817
Winston, William, of Hereford, watchmaker, will ....... 529
Wint, Daniel, of London, clock and watchmaker, will ... 817
Winterhalter, Joseph, wood carver ............................ 398
  wireless time distribution ....................................... 729
Wise, John, of London, bracket clock movement, 3-train .. 119
  Wise, Luke, of Reading, watchmaker, will .............. 526
Wiswall, Thomas, of London, watchmaker, will .......... 817
Withers, John, of Newington, clockmaker, will .......... 535
WM, watch case maker ............................................. 151
Wooteseg, Lumas, of North Fleet, (Samuel Gostelow) watchmaker, will ................................. 530
Wolf, Cheryl ............................................................ 176
Wolfendale, Sir Arnold ............................................. 24, 864
  80th birthday celebration ..................................... 410
  Captain Bligh, lecture ........................................... 865-6
  Conference 2007, Keble College Oxford, President’s address ......................................................... 249
  at Keble College Oxford AGM 2007 ......................... 247
  portrait of ............................................................ 410
Wood, Robert, clock and watchmaker, will .............. 816
  Wood, William Henry, of London, ........................................ 212
  Wood, Robert, of London, bracket clock, mahogany .... 606
  Wood, Robert, of Southwark, clock and watchmaker, will 535
  Wood, William Henry, of London, ........................................ 817
  watch and clockmaker, will .................................... 817
  Woodham, James, of Hungerford, watchmaker, will .... 526
  Woodward, Dr Robert ............................................. 24
  Woodward, Philip .................................................. 621
  Woodwards, William, of Newington, watchmaker, will .. 535
  Woof, William, of London, watchmaker, will .......... 817
  Woolnough, Frederick, of Liverpool, dial maker ........ 666
Woolverston, Benjamin, of London
  lantern clock ......................................................... 450, 606, 758
  Worgan, James, of Bristol, watchmaker, will ........... 529
  Worgan, Matthew, of Bristol, watchmaker, will ........ 529
  worm drive
    Finney, of Liverpool, annual calendar ...................... 121
    Magellan, John Hyacinth de, clock 7, to hour hand .. 32
    Norton, Eardley, in striking train, patent of 1771 .... 90
    Worsfold, John, of Dorking, clockmaker, will .......... 535

© 2011 Antiquarian Horological Society. Reproduction prohibited without permission.
Y

Yardley, of Bishop Stortford, drop-dial wall clock ..........290
Yardley, William, of Bishop Stortford, watchmaker, will .. 530
Yates, of Preston, watch, ...........................................256
‘Yeldrae’, Eardley Norton’s cheaper watches .................88
Yoakley, Thomas, of London, watchmaker, will ..........817
York
York College for Girls, excavations at .......................223
York Minster, timbers from fires at ..........................722
York, Thomas, of London, watchmaker, will ..........817
Young, chronometer
no. 37 ................................................................. 488, 500
no. 574 ............................................................... 500
Young, Charles, of London
chronometer maker, will, 1839 ...............................817
chronometer, marine, no. 146, flat spring, loose stud ....116
Your Time, see exhibition: Your Time

Z

Zaandam,
Museum van het Nederlandse Uurwerk.. 101, 125, 198, 199
Zaanse clock, Volger, Dirk Jacobszoon .......................728
Zanten, Pieter van,
portrait of Conrad Zumbach de Koesfelt .....................361
Zeeman, Jaap
lecture report ..................................................263-5, 575-6, 727-8
meeting report ..................................................124-5
For your further reading .....................................135, 276, 585-6, 737
Zeeuw, Hans de, double pendulum clock .................728
Zelotti, Giambattista, frescoes c. 1561 ......................580-1
Zimmerman, Karl, of Liverpool, watch no. 15800 ........291
Zug, watchmakers in ..........................................120
Zumbach de Koesfelt, see Koesfelt, Zumbach de
INDEX

VOLUME XXXI

September 2008 to December 2009
## VOLUME THIRTY-ONE

### PAGINATION OF ISSUES

<table>
<thead>
<tr>
<th>Issue</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>September 2008</td>
<td>1-148</td>
</tr>
<tr>
<td>Two</td>
<td>December 2008</td>
<td>149-288</td>
</tr>
<tr>
<td>Three</td>
<td>March 2009</td>
<td>289-428</td>
</tr>
<tr>
<td>Four</td>
<td>June 2009</td>
<td>429-584</td>
</tr>
<tr>
<td>Five</td>
<td>September 2009</td>
<td>585-732</td>
</tr>
<tr>
<td>Six</td>
<td>December 2009</td>
<td>713*-864</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>885-948</td>
</tr>
</tbody>
</table>

*Note: through an error made by the editor, the printed pagination of issue six is 713-864 instead of 733-884. The real size of volume 31 is therefore 884 pages excluding this index. To avoid confusion, entries in the index for pages 713-732 have a prefix indicating the issue.*
LIST OF ARTICLES

<table>
<thead>
<tr>
<th>Article</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wills of Clock and Watchmakers On-line</td>
<td>31</td>
</tr>
<tr>
<td>From The National Archives: Part IV Case Makers and other Specialist Tradesmen (London Area)</td>
<td></td>
</tr>
<tr>
<td>by Clive N. Ponsford</td>
<td></td>
</tr>
<tr>
<td>Wills of Clock and Watchmakers On-line</td>
<td>39</td>
</tr>
<tr>
<td>from The National Archives: Part V Wills Proved in Country Courts</td>
<td></td>
</tr>
<tr>
<td>by Clive N. Ponsford</td>
<td></td>
</tr>
<tr>
<td>Longcase Clocks from the North of England</td>
<td>43</td>
</tr>
<tr>
<td>by John Robey</td>
<td></td>
</tr>
<tr>
<td>Observatory Time by Radio: 1901 to 1970</td>
<td>65</td>
</tr>
<tr>
<td>from the Eiffel Tower to UTC and the Arrival of Radio Controlled Clocks</td>
<td></td>
</tr>
<tr>
<td>by David Read</td>
<td></td>
</tr>
<tr>
<td>William Harper of Antrim</td>
<td>184</td>
</tr>
<tr>
<td>by David A. Bell</td>
<td></td>
</tr>
<tr>
<td>A Supplementary List of Clocks made by the Jourdain Family of Spitalfields, London</td>
<td>188</td>
</tr>
<tr>
<td>by Clive N. Ponsford</td>
<td></td>
</tr>
<tr>
<td>by Chris H.K. Williams</td>
<td></td>
</tr>
<tr>
<td>The Identification and Attribution of Christiaan Huygens’ First Pendulum Clock</td>
<td>201</td>
</tr>
<tr>
<td>by Sebastian Whistone</td>
<td></td>
</tr>
<tr>
<td>The Scientific Anchorite – Johnson Jex the Norfolk Clockmaker: The Story of his Unique Lathe Donald J. Unwin and David W. Durst</td>
<td>320</td>
</tr>
<tr>
<td>Some Literary Subjects as Decorations on French Enamel Painted Watches from the middle of the Seventeenth Century: Part 1 by Hans Boeckh</td>
<td>331</td>
</tr>
<tr>
<td>The Leppers of Belfast</td>
<td>353</td>
</tr>
<tr>
<td>by David A. Bell</td>
<td></td>
</tr>
<tr>
<td>The Deacon Family – the Numbers Game</td>
<td>361</td>
</tr>
<tr>
<td>by Colin Andrew</td>
<td></td>
</tr>
<tr>
<td>Quaker Letters to a Watchmaker</td>
<td>454</td>
</tr>
<tr>
<td>by William Linnard</td>
<td></td>
</tr>
<tr>
<td>The Contribution of South-west Lancashire to Horology Part 1: Watch and Chronometer Movement Making and Finishing</td>
<td>457</td>
</tr>
<tr>
<td>by A. A. Treherne</td>
<td></td>
</tr>
<tr>
<td>Some Literary Subjects as Decorations on French Enamel Painted Watches from the middle of the Seventeenth Century: Part 2 by Hans Boeckh</td>
<td>477</td>
</tr>
<tr>
<td>English Marquetry Table Clocks</td>
<td>499</td>
</tr>
<tr>
<td>by Robert Donaldson</td>
<td></td>
</tr>
<tr>
<td>An Early ‘Silent Pull’ Clock with Gathered Rack by Brounker Watts, c.1695</td>
<td>517</td>
</tr>
<tr>
<td>by Phillip Arnott</td>
<td></td>
</tr>
<tr>
<td>The Earliest Pendulum Clocks: A Re-Evaluation</td>
<td>614</td>
</tr>
<tr>
<td>“Not a Bad Timekeeper: The English Lantern Clock in the Seventeenth Century” by George White</td>
<td>621</td>
</tr>
<tr>
<td>The Ingold Episode Revisited: English Watchmaking’s Pyrrhic Victory by Alun C. Davies</td>
<td>637</td>
</tr>
<tr>
<td>William Caslon’s Foundry Clock</td>
<td>655</td>
</tr>
<tr>
<td>by Clive N. Ponsford</td>
<td></td>
</tr>
<tr>
<td>A Clock Commemorating a Huguenot Martyr</td>
<td>744</td>
</tr>
<tr>
<td>by Harry Smith</td>
<td></td>
</tr>
</tbody>
</table>
LIST OF ARTICLES (continued)

The Intelligencer and the Instrument Maker: Early Communications in the Development of the Pendulum Clock
by Rebecca Pohancenic 747

John Linnard of Swansea: The Story of Two Clockmakers and Their Clocks
by William Linnard 757

Samuel Deacon and Apprentices
by Colin Andrew & W John Thornton 769

The Secret of Ploërmel: Brother Bernardin’s Astronomical Clock
by Bernard North 783

LIST OF NOTES

A Welsh Clock Club in 1812
by William Linnard 88

Watches – A Pamphlet by J.B. Thomas
by Andrew James 223

A Clock Dial by Thomas Elmes
by Jeff Darken 659

PICTURE GALLERY

An Early Seventeenth Century Lantern Clock
signed ‘William Bowyer Fecit’ 92

A 30-Hour Clock With Alarm
signed ‘Edward Sidwell Londini’ 96

A ‘Painted Dial’ Watch Movement
by Charles Marlow of Coventry 98

A ‘Painted Dial’ Watch
signed ‘Rob Walton, London’ 102

Longcase Clock by Ahasuerus Fromanteel, c.1660
The Museum of the History of Science,
University of Oxford, Inventory No. 54420 230

Two Early Three-Train Clocks by Joseph Knibb 369

Longcase Clock by Ahasuerus Fromanteel, c.1660
The Museum of the History of Science,
University of Oxford, Inventory No. 54420 378

‘Pendulum = Clock’ signed 2nd James Harrison
Barrow 1727 525

John Harrison’s 1st Marine Timekeeper H1 662

A Tell-Tale Clock signed JA3 WHITELAW,
EDINBURGH 791
INDEX TO VOLUME THIRTY-ONE

Compiled by Andrew James

Page numbers in bold type denote an illustration

Issues 5 and 6 both contain pages numbered 713 to 732:
these numbers are given the prefix “i5-” or “i6-” accordingly.

A

Abadia Chateau-Observatory.................................................698
d’Abbadie, Antoine.................................................................698
Abbing, Koen Roscam.............................................................404, 840
ABEC.........................................................................................411
“Act of Parliament” clock (see also tavern clock).................655, 658
Adamson, John, of London
  bracket clock, ebony, hour repeating, alarm.........................428
Adie, Alexander James, of Edinburgh, sympeesometer.........115
advertisement (historical)
  Chapman, William, of Belfast, 1829.....................................360
  Deacon, Samuel, of Barton-in-the-Beans,
    for apprentice, 1801.......................................................770
  Fromanteel, Ahasuerus, 1658..............................................27, 619, 620, 630, 747
  Jex, Johnson, for lathe work, 1822.....................................323
  Lepper, Francis, of Belfast, 1800–9.....................................358-9
  Lepper, George, of Belfast
    1800–1811.................................................................354-5
    1811..........................................................................357-8
  Lindley, Thomas, of Leicester, for apprentice, 1771......769
  McLeod, W.R. and V.B., and J.R. Millburn,
    Horological Advertisements in the Reign of Queen Anne..839
  Mercer, Thomas, & Sons, of Coventry, 1861......................464
  Smith, J. L. & W., of London, tell-tale clock, 1849.............794
Agar, of York, longcase, mahogany.......................................15
AHS (Antiquarian Horological Society).................................
  see also Antiquarian Horology
  for meetings see AHS, main meeting
  for details of sections see AHS, name of section
  AGM 2009...........................................................................389
    advance notice...............................................................112
    AGM and Election of Members to Council.................256
    Annual General Meeting and Full Day Event...689-93
    minutes............................................................................690-1
  "Not a Bad Timekeeper: the English Lantern Clock
    in the Seventeenth Century",
    by Sir George White.....................................................585, 621-36, 692-3
  AGM 2010...........................................................................693, 814, 818
  AHS News...........................................................................112
    256-72, 393-406, 552-67, 689-705, 818-43
  Antiquarian Horological Society Prize, 2009,
    David Hornsey..................................................................609-10
  Antiquarian Horology, the new Editor...............................552, 5713
  Calendar 2008....................................................................111
  Calendar 2009....................................................................255, 392, 551, 688
  Calendar 2010....................................................................817
  Chairman’s Report, 2009....................................................689-90

AHS (Antiquarian Horological Society), continued,
  Commander Peter Linestad-Smith OBE RN.........................256
  Council members...............................................................256, 818
  gifts.....................................................................................252
  Increase in Subscriptions...................................................112
  journal see Antiquarian Horology
  Library Notes.................................................................112-13, 257-8, 393-4, 552-3, 693-4, 821
  Percy Dawson Medal, 2008, Sebastian Whitestone......393
  programme
    Autumn 2008.................................................................109-11
    Winter 2009.................................................................253-4
    Spring 2009..................................................................389-91
    Summer 2009...............................................................549-50
    Autumn 2009...............................................................686-8
    Winter 2010.....................................................................815-16
  publications.................................................................107-8, 249-52, 388, 548, 684, 689, 811
  The Deacon Family..........................................................107
  Joseph and Thomas Windmill............................................108
  METAMEC, The Clockmaker, Dereham.........................388, 548, 684, 811
  Thomas Tompion...............................................................108
  Time and Place...............................................................108, 388, 548, 684, 811
  Your Time.......................................................................108, 388, 548, 684, 811
  Secretary’s Notes.............................................................112, 257, 694, 821
  Study Tour 2009 – Vienna and Budapest.........................822-6
  Study Tour 2010...............................................................822
  Website News.....................................................................694
AHS, American Section
  14–25 April 2008, Study Tour of Switzerland.................124-31
  12 June 2008, meeting at Springfield, MO......................271
  23 October 2008, AGM.....................................................566-7
AHS, Dutch Section
  5 April 2008, Clock Case Styles,
    lecture by Jaap Zeeman..................................................124
  19 April 2008, Bring and Discuss.................................124
  15 May 2008, Meeting at Sotheby’s.................................124
  4 October 2008, Bring and Discuss...............................404-5
  23 October 2008, Meeting at Sotheby’s.........................405
  29 November 2008, lectures by members.........................405
  27 December 2008, Bell founding,
    lecture by Wim Hodzelman............................................405-6
  2 April 2009, Meeting at Sotheby’s.................................839
  16 May 2009, A watch from the “Bethlehem”, lecture
    by Inge Leebroek, E. Wauters, and J. Roosjen......839-40
  26 September 2009, Bring and Discuss...........................840
AHS, East Anglian Section
  17 May 2008, Sundials from Prehistory to the
    Digital Age, lecture by Dr John Davis.........................119-20
AHS, East Anglian Section, continued,
26 September (26 July?) 2008
Watches, Speedometers and Car Clocks of
Nicole Nielsen, lecture by Tony Maragna........268
27 September 2008, Poucher turned Gamekeeper,
lecture by Colin Bent..............................400
21 November 2008, AGM and Bring and Discuss...400-1
24 January 2009, The Antikythera Mechanism,
lecture by Don Unwin...............................560-1
21 March 2009, Northern Longcase Clocks,
lecture by John Robey................................561
23 May 2009, Members’ Presentations...............698-9
23 June 2009, Visit to Anglesey Abbey.................699-700
25 July 2009, My Life and Horology,
lecture by Steve Watkinson..........................832-4
26 September 2009, John Harrison and his Ultimate
Pendulum Clocks, lecture by Dr Stuart Harrison...834-5
AHS, Electrical Horology Group
18 April 2008, visit to the Science Museum.........133-4
7 June 2008, visit to West Country collections........134
27 September 2008, The Princeps System,
lecture by David Read and Tim Voore..............272
22 November 2008, AGM: Timekeeping in the Second
World War, lecture prepared by John Withers.....406
14 March 2009, visit to Amberley.....................567
6 June 2009, visit to a London collection.............702
26 September 2009, The Restoration of an Abused Aron
Electrical Clock, lecture by Brian (Sid) Lines........841-2
AHS, Irish Section
11 May 2008, Developments in the Production of
Complicated Watches, lecture by John McGonigle...123
26 June 2008, visit to Armagh Observatory and
Astropark.............................................123
AHS, main meeting (see also AHS: AGM)
15 May 2008, English Clockmakers in the Ottoman and
Chinese Markets 1580–1815,
lecture by Ian White..................................113-14
17 July 2008, Nicole Nielsen – The Maker’s Maker,
lecture by Tony Maragna............................261-2
18 September 2008, Conservation of the Oxford
Fronmantled, lecture by Michael Hurst,
Matthew King and Matthew Read..................262-4
20 November 2008, Time on my Hands,
lecture by Mike Wilson...............................394-5
15 January 2009, The British Horological Institute,
History and Collection,
lecture by Viscount Midleton........................395-6
19 March 2009, The Lost Secrets of 18th-century
Clockmakers, lecture by John Robey..................553
16 July 2009, John Harrison’s H1, Some New Insights,
lecture by Jonathan Betts............................695-6
17 September 2009, Evan Roberts:
The Greatest Horological Collector of All,
lecture by David Penney.............................826-7
19 November 2009, The Great Clock of Westminster,
lecture by Chris McKay, reminder....................685
21 January 2010, William Edwards Miller: Portrait Artist,
Horological Collector, Museum Benefactor,
lecture by David Thompson, advertised..............812
AHS, main meeting, continued,
11 March 2010, Wiser after the Event?
Researching and Writing “Shaping the Day”,
lecture by Paul Glennie and Nigel Thrift...........813
AHS, Midlands Section
7 May 2008, Practical Evening
with Midlands Branch BHI.........................117
4 June 2008, Kays of Worcester,
lecture by Bernard Mills..............................117-18
28 June 2008, Worcestershire, turret clock tour......118-19
5–7 September 2008, visit to South Wales............266-7
1 October 2008, Marble Clock Case Restoration,
lecture by Brian (Sid) Lines.........................267-8
5 November 2008, History of English Watch Cases
and their Makers, lecture by Philip Priestley....397-8
3 December 2008, AGM and Bring and Discuss.....398-9
4 February 2009, Cambria Clock Company,
lecture by Keith Scobie-Youngs......................399-400
4 March 2009, Coventry Watch Heritage Trail,
lecture by Peter Wood..............................558-9
4 April 2009, visit to Severn Valley station,
Kidderminster…………………559-60
6 May 2009, The Corpus Christi Clock,
lecture by Dr John C. Taylor.........................560
19–21 June 2009, visit to the Lake District...........698
12 September 2009, meeting at Teme Valley........831-2
Mechanical Singing Birds,
lecture by John Moorhouse.........................831
Musical Clocks, lecture by John Phillips...........831-2
4 November 2009, The Restoration of an Abused
Aron Electrical Clock, lecture by Brian (Sid) Lines....832
AHS News..............................................833
112-34, 256-72, 393-406, 552-67, 689-705, 818-43
AHS, Northern Section
11 April 2008, Painted Dial Restoration,
lecture by David Buxton................................116
8 August 2008, Turret Clock Restoration,
lecture by Philip Irvine..............................116-17
10 October 2008, The Hewitt family,
lecture by Alan Treherne..............................265-6
13 February 2009, Club Night: French clocks........555-6
13 March 2009, John Harrison and his Ultimate
Pendulum Clocks, lecture by Dr Stuart Harrison...556-7
10 April 2009, Club Night: Bring and Discuss, I......557-8
14 August 2009, Club Night: Industrial Timekeeping
828-9
11 September 2009, Watch Case Making,
lecture by Mike Wilson...............................829-30
9 October 2009, Club Night: Vienna style clocks....830-1
AHS, Scottish Section
26 April 2008, The Development of the Barometer
in Scotland, lecture by Alison Morrison-Low.....114-15
7 June 2008, visit to Sharmanka Kinetic Gallery....115-16
20 September 2008, Cambria Clock Company,
lecture by Keith Scobie-Youngs......................264
25 October 2008, AGM, and Electric Clocks,
lecture by Nick Sanders..............................264-5
15 November 2008, Japy Frères and the beginning of mass
production in France, lecture by Dr Allen Simpson...396
21 February 2009, Precision Pendulums,
lecture by Douglas Bateman..........................553-4

ANTHROPOLOGY
AHS, Scottish Section, continued,
21 March 2009, Sound Vibrations and Recording
Techniques, lecture by Mark Gray..........................554
4 April 2009, Ingenious Clocks,
lecture by Archie McQuater.................................554-5
16 May 2009, visit to Callendar House.....................697
12–20 June 2009, French Tour...............................697-8
19 September 2009, The Theory, History,
and Development of Auto-Winding,
lecture by Keith Scobie-Youngs.............................827-8

AHS, Southern Section
7 June 2008, Dial Matting,
demonstration by Keith Davies...............................120
2 August 2008, Greenwich Observatory Chronometer
Records, lecture by Peter Linstead-Smith..................268-9
4 October 2008, Huguenot makers,
lecture by David Thompson................................561-2
6 December 2008, Bring and Discuss.........................401-2
6 February 2009, Pneumatic Clocks,
lecture by David Read.........................................562-3
4 April 2009
A Millennium Clock, lecture by Martin Ridout...........564
A Wigan Shop, lecture by Peter Duckworth...............563-4
6 June 2009, Wood, lecture by Kevin Perry...............700-1
1 August 2009, The Willard Family,
lecture by David Presgrave.................................835-6
3 October 2009, AGM, and Antiquarian Horology –
clues to the future, lecture by David Poole.............836-7
proposed input to website........................................835

AHS, South Eastern Section
17 May 2008, An Auctioneer’s View of Horology,
lecture by Leighton Gillibrand..............................120-1
6 June 2008, visit to the Great Clock of Westminster...121
20 September 2008, AGM, and
Greenwich Observatory Chronometer Records,
lecture by Peter Linstead-Smith............................269-70
8 November 2008, A Splash on the Page,
lecture by Andrew King........................................402-3
13 December 2008, Bring and Discuss......................403-4
7 February 2009, Striking Ship Clocks,
lecture by Miles Campbell....................................564-5
21 March 2009, Unusual Strike Control,
lecture by David Churchill.................................565-6
9 May 2009, Captain Cook, Venus, and a Great Discovery,
lecture by Philip Priestley......................................566
20 June 2009, visit to Dorset Clock Museum..............701
23 July 2009, Bring and Discuss.............................701
9 October 2009, A Miscellany of Foreigners,
lecture by David Thompson.................................838-9

AHS, Turret Clock Group
11–12 July 2008, tour of Kent.................................131-3
group photograph................................................133
11 October 2008, AGM and tour of Leeds...............271-2
8–9 May 2009, tour of Lancashire..........................702-3
9–11 July 2009, tour of Birmingham.........................703-5
10 October 2009, AGM and Westminster visit...........842-3
Dent and the Pendulum Clock,
lecture by Chris McKay........................................842-3

AHS, Turret Clock Group, continued,
10 October 2009, continued,
The Trinity College Cambridge clock,
lecture by Dr Hugh Hunt......................................843

AHS, West Country Section
23 February 2008, AGM (2007), and
The Bilbie Dynasty, lecture by Roy Rice...............121-2
8 March 2008
Antikythera Mechanism,
lecture by Professor Mike Edmunds......................122
Clock Hunting in Greece,
lecture by Spiro Azzopardi.................................123
Interesting Clocks at St Fagans,
lecture by Dr Sioned Williams and Emyr Davies........122
4 June 2008, visit to a private collection..................270
25 October 2008, Some Clocks with Unusual Dials,
lecture by William Linnard.................................270-1
AGM, 2007 (held 23 Feb 2008)............................122

AHS, Western Canada Section,
July 2009, Marine Chronometer, Arnold No. 176........840-1
Airy, Sir George Biddell......................................69, 611
Akershall, Frederick, The Antique Dealer, title page....296
alarm attachment, South German,
depicted in portrait of Cosimo de’ Medici...............742-3

Adamson, John, of London
bracket clock, ebony hour repeating......................428
American musical carriage clock........................404
anonymous? German?..........................................603
anonymous wall clock...........................................12
Bowyer, William, of London, lantern clock............92-5
Coster, Salomon, of The Hague, wall clock...............25
East, Edward, of London, early pendulum clock......614-17
Fennell, Richard, of Kensington
bracket clock, burr yew, repeat............................297
Fromanteel and Clarke, of Amsterdam
bracket clock, marquetry case..............................502
Knibb, Joseph, of London
bracket clock, walnut, ¼ striking.........................6725
Liechti, Erhard, chamber clock, 1572.....................125
Poole, George, of London, lantern clock.................587
Sidwell, Edward, of London.................................96-7
Tompion, Thomas, of London, lantern, no. 535........430
alarm watch
anonymous striking coach watch, English? c.1660.....16
Carlier, Jaeger movement....................................558
Fleetwood, Robert, of London, no. 8220...............295
Junghans............................................................558
Albion Clocks.......................................................400
Aldworth, Samuel, of London
bracket clock, marquetry case.............................511, 512, 514
Aldworth, Samuel, of Oxford
longcase clock, 30-hour......................................737
all-or-nothing piece.............................................520
Allam & Caithness, of London
bracket clock, ebonised, striking.........................170
Allen, C.A., of Cardiff, longcase regulator...............267
Allen, Elias.........................................................629
Allexandre, Dom Jacques....................................5719
Allison, Gilbert, of Sunderland, clock and watchmaker.................................39
Allport, Samuel, of Birmingham, turret clock...........................................704
Aalto clock, Augsburg ........................................................................515
Amadio, F., barometer............................................................................602
Amaranth, Order of..................................................................................487
monogram of...........................................................................................488
Ambrose, Bernard.....................................................................................330

America

American Horology and the British Market,
by Alun Davies,
Discussion – letter and response.......................................................706-10
American Section, see AHS, American Section

Ames, Richard, of London
lantern clock, ¾ chiming.................................................................17
Amstutz, M., portrait..............................................................................260
Amyot, Jacques.....................................................................................333
Andrew & Co. Ltd..........................................................410
Andrews, John, of London, watch engraver, will..............................36
Andrews, Knut.......................................................................................481
Applebee, Mike.....................................................................................560
Appleton, Joseph, of Sunderland, clock and watchmaker.................552
Antiquarian Horological Society, see AHS
Antiquarian Horology.............................................................................689, 5713
change of Editor...............................................................................451, 552, 607, 689, 5713
 advertised.........................................................................................280
Preparation of the Journal, by Peter de Clercq.................................820-1
Antirous, Joseph, bracket clock............................................................698
Antrobus, Philip, of Bollington, Prestbury, clock manufacturer, administration......................39
anvil, trademark..................................................................................410
apparent time, see dial, solar time; equation of time; time, solar
Applebee, Mike.....................................................................................560
apprenticeship system.........................................................................770
Arbuthnot, Philip...................................................................................500
Arkwright, Richard.................................................................................49
Armitage, Geoffrey, portrait.................................................................609
Armitage, Sir Edward............................................................................320
Armitage, Sir Martin (Lord Armitage), PRS........................................631
Archambault, A., portrait.....................................................................487
Archbishop, see Gauss
Archives, National
Wills of Clock and Watchmakers On-Line
from the National Archives, by Clive N. Ponsford
Part IV: Case makers and other specialist tradesmen
(London Area)....................................................................................31-8
Part V: Wills Proved in ‘Country Courts’..............................39-42
Arrhenius, Sven....................................................................................487
Armackholtz, J., portrait........................................................................
Armbrust, James, of London...............................................................783
Armillary sphere....................................................................................812
Armstrong, Neil, astronaut.................................................................696
Arnfield, Jim, and Cynthia Cooper
visit report, Switzerland.....................................................................258-61
Arnold, John, of London
chronometer, marine, no. 176.....................................................840-1
chronometer, marine, no. 326.......................................................269, 697-8
chronometer, pocket, no. 485.........................................................248
Arnold & Dent, of London, chronometer, marine, 8-day.............611
Arnott, Phillip, An Early Silent Pull clock with gathered rack by Brooker Watts, c. 1695..................517-24
Aron Electric Meter Company.................................................................567
Aron, Hermann
The Restoration of an Abused Aron Electrical Clock,
lecture by Brian (Sid) Lines.................................................................832, 841-2
art, literary aspects of............................................................................332-3
artist, Miller, William Edward................................................................812
Arundel, James, of Kingston, longcase clock, lacquered............590
Ashby (Ashby), James, of Boston, Mass.............................................135
Ascot, racecourse, sundial hat designed for.................................693
Ashby (Ashby), James, of Boston, Mass.............................................135
Asby, Sir Edward...................................................................................320
Astronomical Clocks, editorial, by Peter de Clercq.......................739
Astronomical, clock, longcase..............................................................799-809
Atkinson, Joseph, of Gateshead, clock and watchmaker
administration....................................................................................39
Atkinson, Joseph, of Gateshead, clock and watchmaker
watches...............................................................................................783
Atkinson, Joseph, of Gateshead, table clock......................................621
Atkinson, Joseph, of Gateshead, watch..................................................783
Athenaian Mercury, 1693.................................................................632
Atos, Mount.........................................................................................123
Atwood, Francis, of London, watchmaker...........................................39
Atwood, Francis, of London, watchmaker...........................................39
Atwood, Francis, of London, watchmaker, will...........................39
Atwood, Francis, of London, watchmaker, will...........................39
Atwood, Francis, of London, watchmaker, will...........................39
Atwood, Francis, of London, watchmaker, will...........................39
Atwood, Francis, of London, watchmaker, will...........................39
Atwood, Francis, of London, watchmaker, will...........................39
ATO clock, automatic time synchronisation........78-80
atomic time.................................................81-3, 87
Aubert and Klaffenberger, of London
wall clock, ¼ chiming mahogany.....................6728
Aubrey, John...................................................629, 682
auction sale catalogues (historical)
Ellicott, Edward.............................................5723
Jex, Johnson, workshop....................................320
Kendall, Larcum..............................................5723
Ludlam, Prof. William.....................................5723
An Auctioner's View of Horology
lecture by Leighton Gillibrand.........................120-1
Audemars Piguet..............................................123
museum.........................................................130, 261
watch, triple complication................................612
Auersperg, Palais..............................................823
Augsburg
altar clock.....................................................515
metalwork.....................................................514, 515
Augustus I, Elector of Saxony............................797, 798
Aurora, depicted in carving on longcase?...........189-90
Auslagerung...................................................799
Austin, John, of London, watch gilder, will..........37
Austin, Joseph, of London, watch engraver, will...36
Austin Motor Company
Golden Jubilee presentation wrist-watch...........591
automatic time synchronisation
ATO clock......................................................78-80
Brillié clock...................................................77-8
Read, F. O.......................................................73
automatic watch, see self-winding watch
automaton
Bersudsky, Eduard, Sharmanka kinemats...........115-16
Cox, James, of London, silver swan.................29-30
Japy Frères, of Beaucourt, carriage clock, singing bird...11
Jaquet-Droz, Pierre.........................................260, 831
The Draughtsman, mechanism.........................131
Vaucanson, Jacques, duck...............................563
automaton clock
Andriesse, Klaas Johannes, of Grou, musical longcase...124
Ankeruhr, Hoher Markt, Vienna......................822
anonymous
butting rams striking bells..................................823
Chinese musical bracket clock (Mhons)..............711-12
French, 1800–50.............................................404
German, lion..................................................309
Guangzhou workshops, musical.................25
musical bracket clock..................................6715
rocking beam steam engine.........................63
Vienna regulator............................................831
Borrell, Henry, of London...............................25
Cox, James....................................................699
Elis, Johannes, of Amsterdam, longcase.........124
Fabergé egg...................................................25
Mottram, John...............................................699
Vlijmen, Hendricus van, Amsterdam, longcase clock...840
automaton watch, figures striking bell...............825
Aveline, Daniel, of London, watch case maker, will...35
Axtline, J. Warren, Gilding the Fromanteel Dial, letter...569
Azzopardi, Spiro, Clock Hunting in Greece, lecture.....123

B
Bacchus, The Young, entrusted to the Nymphs of Nysa
depiction of.....................................................497
Bachauch, Johann Heinrich, of Zurich
bracket clock..................................................129
bracket clock, striking, cycloid cheeks................126
backboard
Fromanteel, Ahasuerus, architectural longcase.......380-1
Bacon, Francis
Novum Organum Scientiarum, frontispiece........752
Baddley, John, of Albrighton, clock and watchmaker, will...39
Badman, W. J., of Weston-super-Mare
Tempus wireless time signal receiver...............75-6
Bailey, Chris..................................................707
Bailey, Chris, Snowden Taylor, and Peter Gosnell
An Invasion in Time – Discussion (Letter)........706-10
Bailey, Dr Mark..............................................123
Bailey, John, & Co., of Salford, turret clock.........704
Bailly, Comtoise clock.......................................124
Baker, Henry, of Little Appleby.........................776
Baker, Henry, of West Malling, clockmaker, will....40
balance cock, silver, Bilbie, of Chewstoke...........122
balance, compensation
double-S, Swiss.............................................570
helical
Harrison, John, H1, broken and repaired............662, 663
Prior, George, watch no. 26820.....................437
balance wheel, lantern clock
Coxeter, Nicholas, of London.........................164
balance, without spring, timekeeping of.............618
Baldewein, Eberhard
globe, mechanical celestial..........................181
lunar indication.............................................806
Planetenlaufuhr...........................................797-98
Wilhelmsuhr................................................797, 978
Baldwin, Samuel, of Stroud, carver
tomb of Dame Joan Young, 1603....................585, 624, 625
Ball, Edward, of London, watch movement maker, will...38
Ball, George..................................................123
Ball, Martin, obituary.....................................176-7
Bambridge, John, of London, watch gilder, will.....37
Bancroft, John, of Stockport, longcase clock........48-9
banjo clock, Willard, Simon, of Roxbury..........835-6
Bannatyne, Archibald....................................710
Barber, James, of Newcastle, Staffs, clockmaker, will...40
Barber, Jonas, of Winster, longcase clock..........55
Barkley, Samuel, and Thomas Colley
bracket timepiece, enamel dial.......................600
Barlow, Edward, Edward Barlow and Repeating,
letter from John Robey.................................848-9
Barlow, William, of Ashton-under-Lyne.............60
longcase clock, lunar indication.....................53-4
Barlow, William, of King’s Lynn, lantern clock.....598
Barnes, Hugh, portrait.................................609
Barnett, John, of London
longcase clock, month marquetry.....................159
barometer, by
  Amadio, F. ..............................................................602
  Panell (PANNELL) ..................................................547
  Quare, Daniel, of London, ivory portable pillar.............174
  Ramsden, Jesse ......................................................15
  Russell, John, of Falkirk, stick ..................................697
  Troughton, of London ...............................................15
  unattributed, Louis XVI, carved and gilded wood...........5725
  Barr, Mrs Wendy
    AGM minutes 2009 ..................................................690-1
    Secretary’s Notes ................................................112, 257, 694, 821
  Barratt, Malcolm, obituary ........................................316
  Barraud, of London
    bracket clock, no. 868, mahogany .............................15
    longcase clock, no. 1299, mahogany ..........................15
    marine chronometer, no. 3045 ...................................15
  Barraud and Lund, of London
    mantel clock, no. 1589 ..........................................15
    barrel, partially grooved ........................................48-9
  Barrett Silver Medal, awarded to Jonathan Betts ...........820
  Barrett, William, of Ashford ......................................200
  maker of turret clock and sundials ..............................196
  repair to lantern clock ..........................................196
  Barriger, Lawrence, of Kingston upon Hull,
    wooden clock maker, will ........................................39, 40
  Barriscale, Gerald
    A Turret Clock from Cork, Ireland, letter ....................846-7
  Barriscale, of Cork, premises ....................................846-7
  Barriscale, William, of Cork, premises .........................846-7
  Barrow, Christopher, The Pocket Watch: Restoration,
    Maintenance, and Repair, reviewed ...........................676-8
  Barrow, John, of London,
    lantern clock .....................................................304, 444, 598, i6730
  Barry, (Thomas?) of Leigh
    longcase clock, mahogany astronomical ........................63-4
  Barry, Thomas, of Ormskirk
    table clock, astronomical and musical ........................64
  Bartlam, John ................................................................566
  Barton, Sir John .......................................................556
  Bartram, Simon, of London, spring pendulum clock ...........846
  Barwise, John, of Cockermouth
    Barwise, Cockermouth, letter from Geoffrey Crabtree .......569-70
  Barwise, John, of London ...........................................651
  support for Ingold ..................................................647
  Barwise, Lot, of Cockermouth ......................................569
  Baskerville, Brian, portrait ........................................611
  Baskerville, Thomas, of London, watch case maker, will ....35
  basket top case bracket clock
  Adamson, John, of London, ebony hour repeating ..........428
  Hodges, Nathaniel, of London, marquetry .......................501
  Martin, William, of Bristol, burr yew, ¼ repeat ............431
  Webster, William, of London, ¼ repeat .........................738
  Windmills, Joseph, of London, silver mounted ..............584
  Bass, Dr Robert .......................................................406
  Batcock, Francis, clockmaker, will ................................40
Bateman, Douglas A.
  For your further reading ............................................419, 854
  Precision Pendulums, lecture ......................................553-4
  Bates, Edward, of London, watch gilder, will ................37
  Bath, Pump Rooms, Tompion clock .................................266
  ‘Battleaxe’, trademark of S. Davall & Sons ......................410
  Baur, Johann Wilhelm, of Strasbourg, enamel painter .......332
  Bavister, Roy
    death of reported ..................................................270
    lecture report .....................................................121-2, 122
  Bayley, Charles
    watch, silver, pair case, champlevé dial ......................162, 436
    bearing, anti-friction, see anti-friction wheels
  Beck, David (1621–56), painter ..................................479, 485
  de la Gardie, Count Magnus Gabriel .............................480
  Becker, Gustav, warning strike .....................................565-6
  Beckert, Mann, of Northallerton ..................................547
  Bedford, Hilkiah, lantern clock ....................................628
  Beet or Beett, William, of London, watch finisher, will ....36
  Beham, Hans Sebald, The Large Village Fair, woodcut ......623
  Belby, Ian
    Beginner’s Guide to Pocket Watches, reviewed ................678-9
  Belfast Troop of Yeomen Cavalry ................................353-4
  bell
    bell founder
      Bilbies of Cheshstoke ............................................121-2
      Hodzelmans, Wim ...............................................405
    bell founding .......................................................405
    Cambridge Bell Indices, letter from Clifford Bird ........136
    Paddy’s wigwam ....................................................116
    repair of ............................................................116
    vertically mounted, Sidwell, Edward, of London ...........96
    Westminster, Great Clock, quarter bell .......................613
  Bell, David A.
    The Leppers of Belfast ............................................353-60
  William Harper of Antrim .........................................184-7
  Bell, Edward ...........................................................651
  Belling, John, of Bodmin, watchmaker, will .................40
  Belville, Ruth, Ruth Belville: The Greenwich Time Lady, by
    David Rooney, reviewed ........................................248
  Bennett, Dr J. A. (Jim)
    The Oxford Fromanteel Clock, letter .........................407
  Bennett, James, of Gnossal, clockmaker, will ...............40
  Bennett, Sir John ......................................................395
  Benson Bros., of Liverpool, watch case maker ...............398
  Benson, James W., of London
    deck watch, no. 67810, gimbaled ................................6
    turret clock
      Hoghton, Lancashire .............................................702
      Samlesbury, Lancashire .......................................702
    watch, telegraphy dial ............................................69
  Benson, Matthew, of London, watch spring maker, will ....34
  Benson, William, of London, watch spring maker, will ....34
  Bent, Colin, Poacher turned Gamekeeper, lecture ............400
  Bentima .................................................................410
  Bentley & Beck, of London, bracket clock ......................15
  Bérain, Jean ...........................................................499, 508, 514
  Beresford, Lord John ................................................556
  Bergier, L., le Jeune, of Paris, mantel clock, ormolu,
    cross-beat escapement, grande sonnerie ¼ repeat ..........555-6

ANTQUARIAN HOROLOGY 894
Blackham, James, and George Lepper, of Belfast, saddlers etc........................................355
Blagrove, John..............................................................................621, 622
blancs-roulants, Japy Frères..................................................396
Bloemaert, Abraham, painter.....................................................334
Blondel, Nicolas, of Guernsey......................................................141
Blount Thomas, see Thomas, John Blount, of Southampton
Bloxam, J.M., longcase regulator, gravity escapement..............742
Board of Longitude.................................................................268
Bockelts, Jan Jansen (the Elder), of Aachen, watch.................838
Boeckh, Hans, Some Literary Subjects as
Decorations on French Enamel Painted Watches
from the middle of the Seventeenth Century.........................315
Part 1..............................................................................289, 331-52
Part 2.....................................................................................477-98
Boissiaumoyne, of Paris, watch, enamel-cased..........................496
Bonneuye, C., of Paris, watch, enamel-cased...............................336
book review.................................................................104-6, 248, 382-7, 543-7, 673-83, 795-810
Barrow, Christopher, The Pocket Watch:
Restoration, Maintenance, and Repair.................................676-8
Bellby, Ian, Beginner’s Guide to Pocket Watches.......................678-9
Cuss, Terence Camerer
The English Watch 1585–1700..................................................382-6
Glennie, Paul, and Nigel Thrift
Shaping the Day. A History of Timekeeping
in England and Wales 1300–1800..............................679-83
Hewitt, P. A., and W. John Thornton,
The Deacon Family of Leicestershire Clockmakers...............105-6
Knirin, Konrad, British Military Timepieces.............................543-4
Loomes, Brian
Lantern Clocks and Their Makers.............................................106, 673-4
Marchant, Jo, Decoding the Heavens...............................................675-6
Martin, Jean L., Swiss Historical Watches, vols 1–7........545-6
Pouille, Emmanuel, Helmut Sändig, Joachim Schardin,
and Lothar Hasselmeyer, Die Planetenlaufuhr - Ein
Meisterwerk der Astronomie und Technik der Renaissance
geschaffen von Eberhard Baldeuwinein.........................6713-5, 795-809
Reardon, John, Patek Philippe in America.................................386-7
Rock, Hugh, Church Clocks.........................................................674-5
Rooney, David
Ruth Belville: The Greenwich Time Lady..................................248
Severs, Dr David F., A concise guide to the
clockmakers of Northallerton and their clocks.........................547
Tennent, M. F. (Frances),
The Art of the Painted Clock Dial...............................................810
Thompson, David, Watches in the Ashmolean Museum........104
Watson, Hugh E., Keeping Time …
Clocks, Watches and Barometers in … Grantham...............546
Booth, Charles...............................................................................654
Booth, Mary L.
Clock and Watchmaker’s Manual, title page..........................296
Bordeaux
Hôtel Saint-André........................................................................697
Musée des Arts Décoratifs.........................................................697
Bordier, Jacques, enamel painter................................................332
Bordier, Pierre, enamel painter..................................................332
Borrell, Henry, of London, musical and automaton clock........25
Borrett, of Stowmarket
lantern clock (spurious signature)........................................700, 848
Bosse, Abraham, etchings from L’Ariane.............................347, 348-51
Boule, André-Charles, marqueteur........................................499
type of marquetry.........................................................511-15
Boule clock, Thuret, of Paris, cycloidal cheeks, 3 train............698
Bouillau, Ismaël............................................................5714, 5715, 5719
Boulton, Matthew, ‘Minerva’ mantel clock (stolen)...............140
Bouquet, David, of London, watch....................................183
Bourdier Fils, mantel clock..............................................405
Bourdon, Sébastien.........................................................481, 485
Bourreau, Michel, of Bordeaux.........................................697
Bowes, John and Josephine...........................................29, 30
Bowring, Dr Sir John, support for Ingold...........................649
Bowyer, William, of London
lunette clock...................................................................92-5
sundial...........................................................................626-7
Bowyer, William, of London, printer...................................655
Boyle, Dr Mike, carillonneur............................................704
Boyle, Alison..................................................................134
Boyle, Robert..................................................................754
Bracket clock (see also mantel clock; pendulum, early
development of; table clock)
marquetry case see marquetry case, bracket clock
Bracket clock, by
Adamson, John, of London
ebony, hour repeating, alarm.......................................428
Aldworth, Samuel, of London, marquetry ...511, 512, 514
Allam & Caithness, of London, ebonised, striking.............170
Anonymous
Chinese........................................................................711-12, 845
Egyptian style mahogany...............................................20
German?, with alarm.....................................................603
musical with automata..................................................6715
Antram, Joseph................................................................698
Bachoffen, Joh. Heinrich, of Zurich................................129
Striking, cycloid cheeks................................................126
Barkley, Samuel, and Thomas Colley
timepiece, enamel dial..................................................600
Barraud, of London, no. 868, mahogany.........................15
Bentley & Beck, of London..............................................15
Bradley, Langley, of London, 3-train, ebonised, stolen 856
Brooke, George, of London, marquetry case....502-3, 507
Bruler, Louis, of London, silver marquetry case ...513-14
Burgis, Edward, of London, ¼ striking, ebonised case......290
Cattell, Thomas, of London, silver mounted...............4-5
Coleman, John, of London, ¼ chiming..............................737
Cotsworth, John, of London
marquetry case.............................................................505, 506, 507
Curteen, William, of London..........................................168, 306, 602
Desbois & Wheeler, of London, mahogany.....................15
Du Chesne, Claude, of London
¼ striking verge, ebony case........................................606
Dwerrihouse & Carter, of London, Egyptian style............15
Dyball, of Norwich, ¼ chiming mahogany........................306
Ebsworth, John, of London.............................................864
Elliot, of London, mahogany, strike/silent, repeat.........291
Etherington, George, of London
marquetry case............................................................510, 511, 513
Fennell, Richard, of Kensington
burr yew, alarm, repeat................................................297
Field, Thomas, of Bath, chiming, calendar hand...........448
Fitter, Thomas, of London, walnut, 3-train (stolen)...........856
Bracket clock, by, continued.
Fromanteel and Clarke, of Amsterdam
alarm, marquetry case..................................................502, 506, 507
Gale (?) of London..........................................................442
Garon, Peter, of London, marquetry case.......................508, 509
Goode, Charles, of London, ¼ chiming ebony...............19
Gould, Christopher, of London, ebony veneered..........6
Graham, George, of London...........................................152-3
Grant, Richard, of London, mahogany.........................310
Gregory, Jeremy, of London, ebony, Dutch striking......314
Gretton, Charles, of London
¼ repeating movement..................................................850
listing of all known.......................................................413
marquetry case............................................................511, 513
Handley & Moore, of London..........................................172
Hodges, Nathaniel, of London, marquetry case.............501
Hoogendijk, Steven, of Rotterdam (stolen)....................140
Huguenin, Frères, of La Chaux de Fonds....................398
Jourdain, William, of London
musical, silver mounted..............................................188-9
Knibb, John, of Oxford
ebony, ¼ repeating, strike/silent....................................292-3
Knibb, Joseph, of London
ebony...............................................................6721
ebony, Dutch striking.................................................173
ebony veneered, phase III, ¼ repeat.............................18
walnut, ¼ striking, with alarm.....................................6725
Knip, Gerrit, of Zoon, Amsterdam (stolen).....................140
Lowndes, Jonathan, of London, marquetry case............506, 507
McCabe, James, of London.............................................15
Mahogany, brass inlay (stolen).....................................856
Martin, John, of London, marquetry case......................504, 506
Martin, William, of Bristol, burr yew, ¼ repeat..............431
Morice, David and William, of London, musical.........700
Norton, Eardley, of London, miniature musical.............435
Recordon, of London, Susannah and the Elders..............15
Robinson, Francis, of London, ebonised case...............15
Rose, Joseph, & Son, of London
mahogany, ¼ repeating................................................21
Seddon, Matthew, ¼ repeating verge.............................19
Still, Francis, of London, marquetry case.....................508
Taylor, John, of Holborn, marquetry case.....................511, 513
Tompion, Thomas, of London
ebony striking............................................................173
no. 48, ebony, ¼ repeating timepiece............................2
no. 53, ebony, ¼ repeating (stolen).................................6729, 856-7
no. 260, ebony ¼ repeat..............................................26
no. 271, brass inlaid......................................................25, 148
Vulliamy, of London, ebonised, striking (stolen).............856
Vulliamy, Benjamin, of London, rosewood...............15
Vulliamy, Benjamin Lewis, of London
no. 611, mahogany......................................................151
Webster, William, of London..........................................738
Wicksteed, Edward, of London, musical walnut..........124
Windmills, Joseph, of London
marquetry case............................................................511
silver mounted..........................................................584
Windmills and Wightman, of London.........................6723
Bradley, Langley, of London
bracket clock, 3-train, ebonised (stolen).........................856
British Military Timepieces

Bristol, clock time and clock ownership in

British Horological Institute

British Medical Association

Brahe, Ebba

Brillié clock

Brahe, Tycho

Brewster, Noah L

Brentel, Friedrich, of Strasbourg, painter

Breguet, of Paris, chronograph, split seconds

Breguet, Abraham Louis, of Paris

pendule sympathique

watch

Brent, Friedrich, of Strasbourg, painter

Brewster and Ingrams, of Bristol, CT

Brewster, Noah L

Brice, John, of Deal, watchmaker, will

Brightridge, Richard, of London, watch gilder, will

Brillié clock

automatic time synchronisation

Bristol, clock time and clock ownership in

Bristol Cathedral, tomb of Dame Joan Young, 1603, 585, 625

British Horological Institute

Barrett Silver Medal, awarded to Jonathan Betts

BHII longcase clock forum 1 July 2009

The British Horological Institute, its History and Collection

lecture by Viscount Midleton

Midlands Branch meeting with AHS

7 May 2008

12 September 2009

South London Branch, millennium clock project

visit to Upton Hall by AHS Council

British Medical Association

British Military Timepieces, by Konrad Knirim, reviewed

British Watch and Clockmaking Company (BWCC)

application form for shares

attacked in The Times

debate in Parliament

directors of

financing

list of intended Agents

prospectus

support from Vulliamy sought

watch, movement, no. 60

Britten, F. J.

Broderick, Thomas, of Spalding, clockmaker, will

time in 'H1'

Brook, clocking-in clock

Brooke, George, of London

bracket clock, marquetry case

Brown, George, of Beverley, watchmaker, will

Brown, James, of Matlock, clockmaker, will

Brown, of Selby, turret clock

Browne, Milborough

Brownless, of Staindrop, longcase clock

Brulefer, Louis, of London

bracket clock, silver marquetry case

life of

Brulons, Jacques Savary des

Buchanan, Thomas, regulator, longcase

Buchanan, Thomas, of Glasgow

Buck, Paul

Courtenay Adrian Ilbert (1888–1956),

Horological Collector, Dingwall-Beloe lecture 2009

advertised

Buckell, Ridge, of Skelton

longcase clock, unusual dial

Buckingham, Bob, lecture report

Budapest

Godollo Castle

Museum of Applied Arts

Bulle clock, Tempex

Bullingford, of Liverpool (fictitious name)

watch, no. 6010

Bullingford, of London (fictitious name)

watch, no. 1642

Bulova, tuning fork watch

Bundock, Mike

Public Timekeeping on Isle of Thanet, talk

Burdett-Coutts, Baroness

Burg, Paul

Burgi, Jobst

astronomical clock, rock crystal cased, cross-beat escapement

celestial globe (1594)

planetary clock, heliocentric

Burgis, Edward, of London

bracket clock, ¼ striking, ebony case

Burn, Joseph, of Walsall, watchmaker, will

Burns, Richard, of Manchester, watchmaker, will

Burrell, Charles, of Clerkenwell, watch case maker, will

Buschman, David, column clock

Buschman, Hans, table clock, fly-back hour hand

Bushman, John, of London

Buxton, David, Painted Dial Restoration, lecture

C

cabinet maker, see case maker, clock
caddy top, detachable, on longcase clock

Beverly, James, of London, marquetry

cailatte, abraham, of geneva

watch, enamel-cased (painted enamel)

with battle scenes based on Tempesta

Cajetano, David A Sancto, astronomical clock

Calkott, John, of Cotton

watch, no. 2986, farmyard cock

Caledonia, Vienna regulator
calendar (see also under dial)
calendar, annual

Barry, (Thomas?) of Leigh

Dickie, Andrew, of London, watch

Gale, D. J., wall clock

Lefrand, of Paris, carriage clock
giant grande sonnerie minute repeating

Ploermel clock

Poole, David, table regulator
calendar dial, see calendar indication; dial, annual calendar; dial, day of month; dial, day of week
calendar indication, longcase clock, by, continued.
Vero, John, of Barton-in-the-Beans and Hinckley.................772, 773
Vlijmen, Henricus van, of Amsterdam..........................840
Wetherhead, Leonard, of Kirkby Lonsdale..........................55
Wood, John, of Grantham........................................546
Wright, Samuel, of Northwich........................................56-7
calendar, perpetual
McQuater, Archie..................................................555
Poole, David..........................................................837
Call, Jan van, wall clock.............................................410
Callaway, Thomas, of Clerkenwell, watch dial painter. will. 36
Calender House, visit by Scottish Section......................697
Calver, James, of Diss, watchmaker, administration.............40
Cambridge
Cambridge Bell Indices, letter from Clifford Bird..............136
Corpus Christi college clock.....................................177-80, 560
Trinity College, turret clock........................................843
Camerini, lantern clock, 1696.......................................741
Campanus of Novara................................................796
Campbell, Gregor
lecture reports..................................................114-15, 264-5, 396, 553-5, 827-8
visit report
Sharmanka Kinetic Gallery/Theatre, Glasgow........115-16
Campbell, Joshua, of Belfast........................................355
Campbell, Miles, Striking Ship Clocks, lecture..............564-5
Captive, Jules Philippe...............................................261, 268
car clock..........................................................262, 268
Cardew, Mike, portrait.................................................609
carillon (see also musical clock; tune barrel)
Bournville..............................................................705
Salley.................................................................703-4
carillonneur
Boyd, Dr Mike........................................................704
Workman, Trevor.....................................................705
Carlton-Smith, John...................................................516
carriage clock
anonymous American, musical alarm..............................404
Dent, of London, no. 23712, giant nickel silver
chronometer ................................................................288
Dent, M. F., of London, no. 25398, chronometer..............301
Drocourt, of Paris
giant, porcelain mounts, 6-sided, grande sonnerie.434
Frodsham, of London, giant ¼ striking.........................46732
Garnier, Paul, of Paris................................................172
Japy Frères, of Beaucourt, singing bird...........................11
Lefrand, of Paris
giant, calendar, grande sonnerie minute repeating...158
Mercer, of St Albans, chronometer..................398
Carrington, Robert, of London, shagreen watch case maker
will.................................................................35
Carter-Bowles..........................................................699
Cartier, alarm watch, Jaeger movement..........................558
Cartwright, Charles and Henry, of Birmingham.............709
Caruso, Enrico.........................................................554
Case, James, of Whiston, watchmaker, will...................40
case, longcase, see longcase clock, case
case maker, clock, Gillows, of Lancaster......................60, 700
case maker, watch, see watch case maker
case, travelling
Vulliamy, Benjamin Lewis, of London, no. 738........311
Casey, Arthur..............................................................705
Caslon, William
Caslon Old Face.....................................................658
Letter-foundry.............................................................656, 657
life of.................................................................655-6
portrait.................................................................655
William Caslon’s Foundry Clock,
by Clive N. Ponsford..................................................655-8
Cassini, Jean Dominique........................................410
casting mark, I.S..............................................................626, 628
catalogue, see auction sale catalogues (historical)
Cartell, Thomas, of London,
bracket clock, silver mounted........................................4-5
Cavaler, Jean.................................................................746
Cavalli-Björkman, Görel..............................477, 481
Cawdron, Charles and Jonathan, of Norwich........330
census, 1861, page showing watchmakers............473, 474
centre-seconds hand, see dial, centre-seconds
Ceulen, Johannes van, the younger, table clock.....405
chain, watch, steel.......................................................162, 436
chamber clock, Liechti, Erhard, with alarm, 1572....125
Champion, Denis, of Paris
watch, enamel-cased, scenes from Aethiopica........289, 340-2
Champion (fictitious name)........................................462, 463
champlevé dial, see dial, champlevé
Chance, John, of Chepstow, longcase clock...........266
Chancellor, John, Treatise...on a New Escapement..156
Change of Editor, letter from John Plowman.........i5·713
Chapell, Jean, of Paris...........................................204, 221, i5·714, i5·715, i5·716
Chapelle, Kenneth.......................................................396, 697
Chapman, William, of Belfast.................................359
advertisement, 1829..................................................360
chapter ring, ‘Dutch’ arcaded
Jourdain, William, junior, of London..............188, 190, 191, 192, 193
Wilkinson, Joseph, of Wigton.................................50
chapter ring, skeletonised
Hodges, Nathaniel, of London, bracket clock........501
longcase clock, two-wheeled.................................24
Tompion, Thomas, of London, no. 48, bracket clock....2
Charicles Mourning the Wounded Thaegnes, depicted........335
Charicles’s Abduction by Thaegnes, depicted........336, 340, 343
Charles X Gustav, King of Sweden........................477, 485
portrait etching of...................................................479
Charpentier, Jean, Huguenot martyr.......................744-6
bust atop longcase clock........................................746
Charriere, Pierre, of Blois, enamel painter...............331
chateau, gold and lapis, monogram CA crowned........313
Chater, Henry, of Ringwood, watchmaker, administration.40
Chauier, Geoffrey.......................................................508
cheeks, cycloidal........................................................617, 618, i5·714
Bachoffen, Joh. Heinrich, of Zurich, bracket clock....126
Harrison, John.............................................................695
Thuret, of Paris, bracket clock, 3 train..................698
Cheesborough, Arran, of Penrith, turret clock.........698
Chelsea Clock Company, striking, six-watch type........565
Chilcot or Chilcott, Thomas, of London, watch case maker,
will..............................................................................35
chime barrel (church, for tunes), see tune barrel
chimes, Guildford.........................................................705
chiming, quarter (see also striking, quarter)
Ames, Richard, of London, lantern clock...............17
anonymous English longcase.....................................i5·729
Aubert and Klaftenberger, of London
wall clock, English dial.............................................i6·728
Bradley, Langley, of London
bracket clock, 3-train, ebonised (stolen).................856
Coleman, John, of London, bracket clock..............737
Dyball, of Norwich, bracket clock, mahogany..........306
Elliott Ltd, of Croydon, mantel clock....................i5·729
Fitter, Thomas, of London
bracket clock, walnut (stolen).................................856
Gobert, Peter, of London, longcase clock............161, 303
Junghans, mantel clock.............................................558
Ploërmel clock.............................................................785
skeleton clock, Gothic cathedral pattern................602
China
English Clockmakers in the Ottoman and Chinese
Markets 1580–1815, lecture by Ian White........113-14
Signature on an 18th Century Chinese Clock,
letter by Robert Kools.............................................711-12
reply by Bernard North.........................................844-5
reply by Ian White...................................................844
Chopard, museum, L.U.C.EUM.................................126
Christina, Queen of Sweden......................................351, 477
abdications.................................................................494-5
Christine peut donner les Lois...............................490
‘Cleobuline’.................................................................492-4
depiction as Diana......................................................486
depiction as ‘femme forte’............................................486
depiction as huntress..................................................484
enamel and diamond watch case,
property of............................................................351-2, 477-98
portrait enamel of.....................................................481
portrait etching of.....................................................479
portraits of by Juste d’Egmont..................485-6
chronograph
Churchill, work study (production rates)...............828
Hancock.................................................................829
Junghans.................................................................829
1/10 second..........................................................557
Smiths.................................................................829
Waltham Watch Company......................................829
chronograph, split seconds.................................131
Breguet, of Paris......................................................611-12
chronometer, 8-day
Arnold & Dent, of London.................................611
Harris, of London, no. 683 or 687........................736
McCabe, James, of London, no. 351.....................449
chronometer escapement, see escapement, chronometer
chronometer, international index of...................268, 269, 270
chronometer manufacture........................................471-2
chronometer, marine (see also deck watch; timekeeper,
marine)
Admiralty handling of..............................................268-9
movement manufacture, account by Frank Mercer....471-2
sprung by John Poole of London.........................736
chronometer, marine, by
Arnold & Dent, of London, 8-day.........................611
Arnold, John, of London
no. 176......................................................840-1
no. 326.....................................................269, 269-70
Barraud, of London, no. 3045..............................15
Berthoud, Ferdinand, of Paris, no. 65.....................128
Dent, E. & C., of London, no. 2964.......................270
Dent, Richard Edward, of London, no. 22625...........586
Harris, of London, no. 683 or 687, 8-day.................736
Hughes, H. & Son, of London ([no.]) 1925.............160, 294, 444
McCabe, James, of London, no. 351, 8-day..............449
Patek, Philippe & Co., of Geneva, Navig quartz........828
Poole, John, of London
Hatton, sprung by Poole.................................736
no. 2599................................................................590, 6728
no. 2867................................................................14
chronometer, pocket
Unusual Chronometer Ornament
letter from Geoffrey Crabtree..............................570
identified......................................................712
chronometer, pocket, by
Arnold, John, of London, no. 485..........................248
French, W., & Son, of London..............................555
Swiss, pivoted detent, duo-in-one spring.................570
Tobias, Morris, of London..................................398
Chronophage.................................................177-80, 560
mechanism of blink...........................................180
chuck, two-jaw...............................................327
church clock (see also turret clock)
adjustment by sundial.......................................132, 622-3, 624
depiction of, 1539..............................................623
Churchill, stopwatch.........................................828
Churchill, David, Unusual Strike Control, lecture.....565-6
Cipra, Jim......................................................130
lecture report.................................................566-7
meeting report.................................................271
Clare, Peter, of Manchester
longcase clock, mahogany, lunar and calendar dial........597
Claret, Christophe............................................123
Clarion Clock Co..........................................410
Clark, Heman................................................708
Clark, Joseph, of London, clock case maker, will.....34
Clarke, James, of London, watch case maker, will...35
Claxton, of Prescot, watch jeweller.......................471, 472
Cleck, Adam, of Uptonery, watchmaker, will...........40
Clement, William, of London
longcase clock, marquetry..................................698
Cleobuline, Queen of Corinth............................492-4, 497
Clerke, George, of London
evidence to 1817 Parliamentary Commission...........464-5
invoice, 1816..................................................465
Clerke, George, of London, watch case maker.........102
Clerkenwell
hub of horology in 19th century............................637, 638
map of, 1871...................................................639
survival of craft until First World War....................652
watchmakers’ opposition to Ingold......................644, 651-2
watchmakers’ belated reverence for Ingold.............653, 654
click
boxwood, Harrison, James, of Barrow..................539, 540, 542
shape used by Windmills..................................523-4
Clifford, Derry
lecture report...............................................117, 267-8, 559-60, 831-2
obituary of Peter Wood....................................559
visit report..................................................266-7, 698
Clifton, John, of Liverpool
longcase clock, mahogany, moon, centre-seconds........305
clock (see also alarm clock; astronomical clock;
amatueron clock; bracket clock; car clock;
carriage clock; electric clock; lantern clock;
longcase clock; mantel clock; musical clock;
regulator; table clock; tavern clock; turret clock; wall clock)
Clock and Watch Fairs, see fairs, clock and watch
clock, astronomical, see astronomical clock
clock, belonging to
Dering, Anne...............................................198-9
Dering, Sir Edward (1st Baronet)..........................196-7
clock case maker, Gillows, of Lancaster..................60, 700
clock club
list of known clubs...........................................88
St Athan, rules of..........................................89-91
A Welsh Clock Club in 1812, by William Linnard.....88-91
A Clock Commemorating a Huguenot Martyr
by Harry Smith......................................744-6
A Clock Dial by Thomas Elmes, note by Jeff Darken...659-61
clock, early depictions of
tomb of Dame Joan Young, 1603.........................585, 625
clock, in form of
book, Wolff, Michael.......................................826
Diana on a centaur.........................................823
elephant.......................................................823
mortar, Cole, Thomas, of London, no. 1580..............6722
negro..........................................................823
Turk on horseback..........................................823
clock, musical, see musical clock
clock, ownership of, in pre-modern Bristol..............681
clock, pillar and scroll.....................................708
clock, rolling ball, Margraf, Christoph, of Prague.....823
clock-watch
anonymous coach watch, English? c.1660................16
Zimmerman, Vincent, of Landschut.....................812
Clock Works, exhibition, Saffron Walden museum...183
clocking-in clock..........................................398
Brook.........................................................829
Simplex......................................................829
Clockmakers, Worshipful Company of..................646, 647
AHS Council members Master of........................256
attempts at protectionism....................................639
charter reserves sundial and mathematical instrument
making.......................................................629
decline in connection with industry.......................653
Harrison Medal, awarded to David Thompson.........818-19
Honorary Freedom of Hans van den Ende..............257, 406
Mastership of Peter Linstead-Smith......................256
opposition to Ingold........................................644, 653
Closon, Peter, of London
lanton clock.................................................166, 168, 304, 444, 598, 5730
cloth manufacture, scenes of, on lunar dial............61-3
Collin, regulator................................................................698
Clouzot, H.................................................................477
Clowes, Philip..............................................................611
club, see clock club
coach watch
anonymous, English? c.1660, strike and alarm.............16
Forster, David, of Dublin, Debaufre escapement.......571
cock, watch, depicting farmyard..............................155
Cockshoot, Edmund, of Liverpool, watchmaker
administration..............................................................40
Cockwill, Hugh, book review.....................................810
Cogdell, John, of Clerkenwell, watch piercer, will....38
Cognosci...
The Coventry Watch Heritage Trail
lecture by Peter Wood...............................558-9
Coventry Watch Museum Project..................558, 559
Coviller, Thomas, of Alford, watchmaker, will....40
Cowham, Frank, 1916–92...............................699
Cox, James, of London
Chronoscope..................................................114
musical automata clock..................................699
comment by Jonathan Betts.........................848
Silver Swan..................................................29-30
Coxeter, Nicholas, of London
lantern clock, balance wheel..........................164
Crabtree, Geoffrey C.
Barwise, Cockermouth: and An Unusual Chronometer
Ornament, letter.............................................569-70
ornament identified.......................................712
Crawley, Thomas, of London, lantern clock........16730
Crawshaw, A., of Rotherham
longcase clock, year-going............................6732
cresting, longcase clock
Cruttenden, Thomas, of York.........................6726
Jones, Henry, of London...............................450
Cribb, William, of London.............................265
Criford, Andrew..............................................222
Crisp, William, of Wrentham, watchmaker, will...40
Crofts, Thomas, of Leeds
longcase clock, calendar and lunar indication......60-3
Crom, Theodore R., collection.........................733
Crostwaite, John, of Dublin, regulator, longcase...123
crucifix clock..................................................603
crutch............................................................617
invention of..................................................617-18, 619
Cruttenden, Thomas, of York, longcase clock.....6726
Crystal set, Stockall & Marples, 'Big Ben'...........65-6
Cumbria Clock Company..................................698
Cumbria Clock Company
lecture by Keith Scobie-Youngs.......................264, 399-400
Cumming, Alexander, of Inveraray, barometer......115
Cumming, Alexander, of London
The Elements of Clock and Watch Work..............296
Curtean, William, of London, bracket clock.........168, 306, 602
Curtis, Joseph, of Chew Magna
lantern clock..................................................166, 304, 444, 598, 16730
Cuss, Terence Camerer
The English Watch 1585–1970..........................181
reviewed.......................................................382-6
Cutbush, Robert, of Maidstone, clockmaker, will...40
Y Cafwyr-Cymro Cymraeg, 1795-4..........................454
Czapec, François.............................................386

D
Dale, Thomas, of London.................................458
Dalemian House..............................................698
Dalgleish, Robert............................................697
Danemara, iron ore mine................................467
Daniel, Robert, of Stoke Damerel, clock and watchmaker
will..............................................................40
Daniels, Estee Stowell......................................710
Darias, Dr George.............................................610
Darby, Barbara...............................................28
Dareau, Dr Michel J.........................................697
Darken, Dr Jeffrey (Jeff)..................263, 553, 689, 6713, 847
book review.................................................104, 106, 248, 386-7, 546, 547
A Clock Dial by Thomas Elmes, note.................659-61
Editorial
October 1658.................................................27
Early Pendulum Clocks..................................175
A Timely Change............................................451
Watch Decoration and Ancient Prose..................315
For your further reading..................258-9, 416-19, 420, 572-5
John Harrison's 1st Marine Timekeeper H1.........662-72
‘Pendulum - Clock' signed 2nd, James Harrison
Barrow 1727.............................................429, 525-42
Dasson, Henry, "Three Graces" clock..................124
date indication, see calendar indication
'Davall', trademark of S. Davall & Sons................410
Davall, S. and Sons............................................410
Davidson, Steven............................................691
Davies, Alun C.
Dr Alan Shenton Award, 2008..........................393
The Ingold Episode Revisited:
English Watchmaking's Pyrrhic Victory..............637-54
An Invasion in Time: American Horology and the
British Market, Discussion – letter and response......706-10
Davies, Bert (Bert West printed in error).............28, 273
Davies, Emyr, and Dr Sioned Williams
Interesting Clocks at St Fagans, lecture..............122
Davies, Michael, of Cilycwm, clockmaker, will.....40
Davis, Adam Hart............................................180
Davis, Dr John
Sundials from Prehistory to the Digital Age, lecture...119-20
Davis, Keith, Dial Matting, demonstration............120
Davy, Robert, of Norwich, watchmaker, will........40
Dawson, Percy G. (see also Percy Dawson Medal)
Dawson, Drover, and Parkes, Early English Clocks..615
Day, John E......................................................690, 691
Day, John, of Wakefield, clockmaker, will............40
day of month indication, see calendar indication
de Clercq, Dr Peter.............................................689, 702
appointment as Editor.................................552
Editorial
Astronomical Clocks........................................739
A Passionate Affair.........................................607
Horological Miscellany.................................5723
Measuring Time Gallery at the Science Museum....741-2
portrait.......................................................552, 609
Preparation of the Journal.............................820-1
de la Gardie, Count Magnus Gabriel..................477, 480, 487, 495
depiction with Queen Christina.........................484
'Myrinthe'.....................................................492-3
portrait etching of..........................................480
de la Mennais, Fr Jean-Marie..........................784
de Lafons, John, of London.............................633-4
de Passe, Crispin, engraver..............................334
de Save, S.B. (Brian)........................................689, 690
lecture reports..................28-9, 113-14, 261-4, 394-6, 553,
565-6, 610-12, 691-3, 695-6, 826-7

ANTHARIAN HORLOGY
902
The Deacon Family of Leicestershire Clockmakers
by Colin Andrew..............................................................361-8
analysis of the numbering sequence..............................362-8
Period 1: 1770–71..............................................................361, 362-3
Period 2: 1771–81..............................................................361, 363-5
Period 3: 1781–1805...........................................................361-2, 366-8
Period 4: 1805–1860............................................................362
Period 5: 1860–1915.............................................................362
signatures.............................................................................362, 363, 364, 367

The Deacon Family of Leicestershire Clockmakers,
by P.A. Hewitt and W. John Thornton
advertised.............................................................................107
reviewed...............................................................................105-6
Deacon, John, of Barton-in-the-Beans and
Leicester..............................................................................361, 770-1
30-hour movement, no. 78/122...........................................771
longcase movement, 30 hour, no. 122 / 78, 1778................364
signature...............................................................................362, 363, 364
Deacon, Samuel and John, of Barton-in-the-Beans
longcase movement, 30 hour, no. 53 / 21, 1775.................363
tables of clock numbers.....................................................364, 367, 368
Deacon, Samuel, of Barton-in-the-Beans.........................361-3
apprentices of......................................................................769-78
list of known.........................................................................782
bird-shaped lifting piece.....................................................360, 367
initials on movements...............................................................769, 771-81
longcase clock......................................................................774, 776, 778, 779
longcase movement, 8 day, no. 2, 1770.........................362, 363
longcase movement, 8 day, no. 338, 1789.......................366-8
longcase movement, 30 hour, no. 1, 1769.........................362, 363
movements made by for John Deacon...........................368
musical clock........................................................................364
production rate.....................................................................368
relationship between various Samuels..............................779-80
signature...............................................................................362, 363, 367, 368
Deacon, Samuel (II), of Barton-in-the-Beans......................361-2
apprentices of......................................................................778-81
apprenticeship.....................................................................773
Deacon, Samuel (III), of Barton-in-the-Beans....................779-80
Deacon, Thomas, of Barton-in-the-Beans............................362, 780-1
Deacon, William Christian................................................782
Debham, Lawrence, of Frome
longcase clock......................................................................660-1
longcase clock, 8-day.............................................................659
dedication
Scudéry, Madeleine de, _Artamene, ou Le Grand Cyrus_. 490
Dee, John.............................................................................682
Delamain, Richard..............................................................629
Delance, James, of Downton..............................................659
Delander, Daniel, of London
longcase clock, burr walnut, square ogee dial...................439
Delander, Nathaniel, of London, watch case maker..........397
Delfts, Timm.........................................................................128

Dent, of London
auto-wind unit......................................................................827
carriage clock, no. 23712, giant nickel silver chronometer striking..............288
regulator................................................................................698
telltale clock.........................................................................793
turret clock, Cranbrook, St Dunstan’s church..................131-2
Dent, E. & Co., of London
marine chronometer, no. 2964.............................................270
Dent, Edward, of London......................................................843
Dent, F., of London, turret clock, Leeds Town Hall...........271-2
Dent, M.F., of London
carriage clock, chronometer, no. 25398............................301
Dent, Richard Edward, of London
chronometer, marine, no. 22625.........................................586
Derby porcelain, Vulliamy & Son clocks............................170
Derek Pratt 1938–2009..........................................................740
Derham, William.................................................................695, 696
_The Artificial Clockmaker_......................................................636
equation of time table...........................................................636
Dering, Anne, clock given to...............................................198-9
Dering, Finch...........................................................................197
Dering, Sir Edward (1st Baronet)
hour-glass, belonging to.....................................................199
lantern clock, belong to.......................................................194-5
life of..................................................................................194-5
_Sir Edward Dering’s Book of Expenses_ 1617–28,
by Chris H.K. Williams......................................................194-200
sundial, belonging to...........................................................199
table of horological expenditure......................................200
watch, belonging to..............................................................198

Dering, Sir Edward (2nd Baronet)...........................................195
Desbois, of London
longcase regulator, no. 13986, mahogany.........................15
Desbois & Wheeler, of London
bracket clock, mahogany......................................................15
Desloges, James, of London, watch piercer, will.................38
Desmaretz, Jean, de Saint-Solin, _Ariane_ (1632)..................315, 346
frontispiece.................................................................347-51
watch depicting scenes from...............................................347-51
Detex, night watchman’s clock, portable.........................829
Devitt, Robert, of London, watch case maker, will............38
Dial, 30-hour clock, Wise, William, of Wantage..............398
dial, annual calendar
Barry, (Thomas?) of Leigh, longcase clock.........................63-4
Dickie, Andrew, of London, watch...................................383
Plöermeck clock.................................................................787
dial, astrological, Baldwin, Eberhard, clock.......................799, 805
dial, astronomical..............................................................596

Dent, of London......................................................................827
dial, automaton
  Linnard, John, senior, of Swansea, longcase clock .......... 765
  ... border engraving
  Gretton, Charles, of London ................................ 517
  Watts, Brounker, of London .................................. 517, 519

dial centre
  painted, Lancashire .............................................. 64
  ‘quilted’, Clifton, John, of Liverpool ...................... 305
  velvet, Gregory, Jeremy, of London, bracket clock ...... 314

dial, centre-seconds
  anonymous, musical bracket clock ............................ 6715
  Berry, (Thomas?) of Leigh, longcase clock ................ 63-4
  Berry, James, of Prescot, watch movement .................. 469
  Brandreth, Obadiah, of Middlewich, longcase clock .... 57-60
  Chance, John, of Chepstow, longcase clock ............... 266
  Chinese musical bracket clock ................................ 711-12
  Chinese table clock ............................................. 845
  Clifton, John, of Liverpool, longcase clock .............. 305
  Crawshaw, A., of Rotherham, longcase clock ............... 6732
  Lepaute, of Paris, table regulator ........................... 735
  Motel, Henri, of Paris, table regulator ...................... 447

dial, champlévé, on watch by
  Bayley, Charles, of London ..................................... 162, 436

dial, chime/silent
  Norton, Eardley, of London
    miniature musical bracket clock ............................ 435

dial clock, see wall clock, English dial

dial, day of month (see also calendar indication)

dial, day of month and of week, Ploërmel clock .......... 787

dial, day of month, in arch
  Bradley, Langley, of London
    bracket clock, 3-train, ebionised ........................ 856

dial, day of month, centre sweep
  Barwise, John, of Cockermouth, longcase clock .......... 570
  Clifton, John, of Liverpool, longcase clock ............. 305
  Field, Thomas, of Bath, bracket clock ...................... 448
  Monkhouse, of Carlisle, longcase clock ..................... 13


dial, day of week
  Ploërmel clock .................................................. 787
  Thomas, Samuel, of Nantwich, longcase clock, oak,
    Saxon gods corresponding to days .......................... 440
  Williams, Henry, of Lancarvan, longcase clock .......... 271

dial, diamond shaped .............................................. 271

dial, elliptical, expanding hands, longcase clock .... 24

dial, enamel, bracket clock
  Barkley, Samuel, and Thomas Colley ........................ 600
  Gale (?) of London .............................................. 442
  Norton, Eardley, of London ................................... 435
  Viner, of London ................................................ 15

  Vulliamy, Benjamin Lewis, of London, no. 611 .. 151

dial, enamel, unused for watch ................................ 398

dial enameller, Houbracken, Jos ................................ 28

dial, enameller’s marks on reverse
  Hewitt, Joseph, of Prescot, no. 9165 ......................... 470

dial, enamelling .................................................... 699

dial feet
  iron, slotted, Elmes, Thomas .................................. 661
  levelled by countersinking ................................... 522-4

dial, Franklin’s 4-hour
  Hauchar, Charles-Guillaume, of Paris, longcase clock. 171


dial, longcase clock
  ‘cartwheel’ pierced plate
    Barwise, John, of Cockermouth .............................. 570
    Brandreth, Obadiah, of Middlewich ........................ 59
    Brownless, of Staindrop ....................................... 54
  flattened arch, Delander, Daniel, of London ............ 439
  Lancashire, central ............................................. 64

dial, lunar, see lunar indication

dial maker
  Harden & Ryding, of Birmingham and Belfast .............. 359
  Willis, Durrant, J. & Son, of London, watch no. 4081. 7

  Dial Matting, demonstration by Keith Davis .............. 120

dial, name-dial watch
  Lepper, George, of Belfast, JAMESGRAHAM ................. 356

dial, night and day
  Scalé, Bernard, of Amsterdam, watch, no. 615 .......... 839-40

dial, painted
  The Art of the Painted Clock Dial, book,
    by M. F. Tennant
    advertised .................................................... 16729
    reviewed ...................................................... 810
  on brass, Clare, Peter, of Manchester, longcase ....... 597
  Painted Dial Restoration, lecture by David Buxton .... 116
  watch dials, painted scenes .................................. 1, 98-103
  Dial Painting is a Modern Addition,
    letter from David Penney .................................... 273

dial, painted convex, longcase clock
  Linnard, John, senior, of Swansea (c. 1794–1852) ....... 765

dial, rise and fall regulation, bracket clock
  Cattell, Thomas, of London, silver mounted .............. 4-5
  Curteen, William, of London .................................. 168, 306, 602
  Fitter, Thomas, of London, walnut, 3-train ............... 856
  Goode, Charles, of London, ¼ chiming ebony .............. 19
  Graham, George, of London .................................... 152-3
  Tompion, Thomas, of London
    no. 260, ebony ............................................... 26
    no. 271, brass inlaid ........................................ 25, 148
  Vulliamy, Benjamin Lewis, of London
    no. 611, mahogany .......................................... 151
  Webster, William, of London .................................. 738
  Windmills and Wightman, of London ......................... 6723


dial, rise and fall regulation, longcase regulator
  Ellicott, of London, mahogany month going ................ 432-3
  dial, seconds, large, Lepper, George, of Belfast, no. 104... 356
  dial, sector, for seconds
    anonymous longcase clock, two-wheeled .................... 24
  dial, sidereal
    Viner, J., of Walsh, Newbury, longcase clock .......... 742
  dial, six hour, Venetian lantern clock ...................... 123
  dial, skeletonised
    anonymous longcase clock, two-wheeled .................... 24
    Billie, of Chewstoke, watch ................................. 122
    Henessy, of Swansea, longcase regulator ................. 3

dial, skeletonised chapter ring, bracket clock
  Hodges, Nathaniel, of London, marquetry case .......... 501
  Tompion, Thomas, of London, no. 48 ....................... 2
  dial, solar and lunar position, Ploërmel clock ........ 788
Dial, solar time.................................................................633
Fromanteel, Ahasuerus, of London, manually set...........631
Huygens, Christiaan..........................................................633
Lepaute, of Paris, table regulator.................................735
Quare, Daniel, of London.............................................633
Williamson, Joseph, of London, longcase clock.........633-4
dial, spiral, Dickie, Andrew, of London, watch..........383
dial, spiral map, Ploërmel clock..................................788
dial, strike/chime/silent
Goode, Charles, of London, ebony bracket clock......19
dial, strike/silent, bracket clock
Allam & Caithness, of London, ebonised striking......170
anonymous, musical..................................................6715
Cattell, Thomas, of London, silver mounted.............4-5
Curteens, William, of London.................................168, 306, 602
Fennell, Richard, of Kensingtort, burr yew..............297
Gale (?) of London..........................................................442
Graham, George, of London........................................152-3
Grant, Richard, of London..........................................310
Handley & Moore, of London........................................172
Rose, Joseph, & Son, of London.................................21
Seddon, Matthew, of London.......................................19
Tompion, Thomas, of London
no. 260, ebony..........................................................26
no. 271, brass inlaid...................................................25, 148
Vulliamy, Benjamin Lewis, of London
no. 611, mahogany......................................................151
Webster, William, of London......................................738
dial, strike/silent, longcase clock.................................44
Eayre, Joseph, of St Neots..........................................595
Mudge, Thomas, of London.........................................6716-17
dial, sunrise and sunset
Baldeuw, Eberhard.....................................................805
Barry, (Thomas?) of Leigh, longcase clock..............63-4
Goodall, George, of Micklethwaite.........................64
Ploërmel clock............................................................787
dial, telegraphy
Benson, James W., of London, watch.........................69
Marconi Wireless Telegraph Company, watch...........70
dial, tidal
Chance, John, of Chestestow, longcase clock...........266
McQuater, Archie..........................................................554
dial, tidal, dual port
Wilkinson, Joseph, of Wigton, longcase clock..........50-1
dial, unusual, Some Clocks with Unusual Dials, lecture by
William Linnard.........................................................270-1
dial, up-and-down
Benson, J. W., of London, no. 67810, deck watch....6
dial, vernier display
Corpus Christi College Cambridge clock..................178-9
dial, watch, enamel, unused......................................398
dial, watch, name-dial, Lepper, George, of Belfast....356
dial, world time, Ploërmel clock..............................787, 788
dial, year and century, Ploërmel clock.....................788, 790
dial, zodiac, Swiss wooden wall clock, 1752..............127
Diana, Christina, Queen of Sweden depicted as........486
Dickens, Charles..........................................................461-2
Dickie, Andrew, of London, watch, double dial.......383
Diegel, Hermann, goldsmith.......................................797
Digges, Thomas...........................................................621
Dingwall-Beloe lecture, 2007, Some Literary Subjects as
Decorations on French Enamel Painted Watches
from the middle of the Seventeenth Century
Part 1...............................................................................289, 331-52
Part 2....................................................................................477-98
Dingwall-Beloe lecture, 2008, held February 2009....28
Courtenay Adrian Ilbert, Horological Collector..........452
advertised.................................................................285
Dingwall-Beloe lecture, December 2009
Made in England,
House clock production in the 20th century
advertised.................................................................5729
dipleidoscope................................................................120
direction finding system..............................................401-2
Distelberger, Dr Rudolf..............................................823
Dittrich, Paul, Solvil watch..........................................832
Djanogly, Sir Harry and Lady
Gallery at the British Museum....................................181-3
Dobbie, William, of Falkirk, longcase clock..............697
Doke, Richard, of Liverpool, watch manufacturer......472
Doke, Richard, of Prescot, escape wheel cutter........472
portrait.................................................................473
Donaldson, Robert, English Marquetry Table Clocks..399-516
Doni, Giovanni de, planetarium..................................795
Don Unwin replica.......................................................560, 561
Donisthorpe, George, of Birmingham, turret clock.......704
Donisthorpe, Joseph, clockmaker.............................362, 769
Doolan, Lucas..........................................................116
Dorsch, Martin
portrait.................................................................611
St Roche’s horological lecture, 2009.........................612
Dorset Clock and Cider museum..................................701
Dowsing, Edward, of Clerkenwell, watch gilder, will...37
drawers, secret, in singing-bird cabinet........................824
Drebel, Cornelius, inventor and optician....................750-2
portrait of..................................................751
Drocourt, carriage clock
giant porcelain mounted, 6-sided, grande sonnerie.....434
drop dial clock, see wall clock
Drover, Charles B.
Dawson, Drover, and Parkes, Early English Clocks......615
Droz, Yves.................................................................260
Drury, John, of London, lantern clock.........................741
Du Chesne, Claude, of London
bracket clock, ¼ striking verge, large ebony case.......606
du Gast.................................................................5715
Dubois, Ambrose, painter............................................333-4
Dubois, Francois, of London, watch case maker, will...35
Duckworth, G.H........................................................654
Duckworth, Peter, A Wigan Shop, lecture...............563-4
Ducretet, Eugene..........................................................71
portrait of, on stamp..................................................71
wireless apparatus......................................................71
Duley, Anthony J. (Tony)
lecture report...................................................120-1, 566
meeting report...................................................403-4, 837-8
Duncombe, Thomas, M.P.............................................650
duration, see long duration; short duration
Durham, Mike, demonstration...................................117
Durrant, J.J. & Son, of London, watch no. 4081..............7
Edmont, Juste
portraits of Christina, Queen of Sweden.............485-6, 494
Eiffel Tower.......................................................71-2, 74
Time Room.........................................................76
Elam, M., of Northwich, Middlewich and Winsford
watch, no. 19761, dial (later) painted scene........98-101, 273
Eleanora Catherine (of Palatinate-Zweibrücken)
possible depiction with Queen Christina............484
electric clock (see also AHS, Electrical Horology Group)

_Electric Clocks_, lecture by Nick Sanders............264-5
Junghans, dial with 100 divisions........................124
Magneta Time Company.......................................128
Princes..........................................................134
The Restoration of an Abused Aron Electrical Clock,
lecture by Brian (Sid) Lines.................................832, 841-2
Zenith..............................................................702

electrical timer with sunrise and sunset
Sangamo Weston................................................828-9
Venner................................................................828-9
electrically controlled clock, Barriscale, of Cork......846-7
electricity metering, Aron Electricity Meter Company..567
Electrone...........................................................404
Elias, Johannes, of Amsterdam, longcase automaton clock.124
Ellicott, of London
bracket clock, mahogany, strike/silent, trip repeat.....291
longcase regulator.................................................699-700, 848
mahogany month going........................................432-3
Ellicott, Edward, auction sale catalogue............15723
Ellicott, John, junior, of London
clock........................................................................401
watch.....................................................................397
watch, no. 2700....................................................383
Elliott, F. W..........................................................410
Elliott Ltd, of Croydon, chiming mantel clock........5729
Ellis, Henry, of Exeter.............................................458, 459-60
Elmes, Thomas

_A Clock Dial by Thomas Elmes_, note by Jeff Darken659-61
Emanuel, E. & E., of Portsmouth
ship’s clock, unusual striking work.......................565
Emery, Josiah, of London
leaver escapement, second type............................437
watch, lever, repeating...........................................437
Emmoser, Gerhart, of Augsburg, table clock, astrolabe...826
Empire, trade name of Smiths..................................411
EN (Emile Nielsen), watch case maker’s mark........7
enamel-cased watches
band and back, fastened after enamelling..............495-6
Boissaumoyne, of Paris.........................................496
Gouffons à Paris..................................................496
Sarrabat, Charles, of Paris, _Artemisia and Berenike_.....496
_Some Literary Subjects as Decorations on French Enamel_
_Painted Watches from the middle of the 17th Century_,
by Hans Boeckh
Part 1..................................................................289, 331-52
Part 2..................................................................477-98

enamel dial, see dial, enamel

enamelling
early practice of.....................................................332
techniques..........................................................331
on dials.............................................................699
Ende, Hans van den........................................405
Honorary Freedom of Worshipful Company of
Clockmakers...................................................257
portrait of.........................................................406
Ende, Hans van den, junior.................................840
Endicott, John, Governor of Massachusetts...........626
Enfield Clock Co..................................................411
English Clock and Watch Manufacturers Ltd.........410, 411
English Clock Systems, photographic timer............828
English dial, see wall clock, English dial
English Marquetry Table Clocks,
by Robert Donaldson........................................499-516
English Watch and Clock Company.......................559
engraver
Fox, Peter..................................................................564
Houlden, John, of Kendal.......................................55
Lens, Bernard, of London.....................................635
Scarr, Charles, of London......................................28, 612
Sturt, John, of London...........................................635
engraving
dial centre, `wreathe'.............................................93
engraver's `doodle'................................................375
floral........................................................................96
of name of retailer................................................464
Enigmatic Spandrels, letter by Michael Low.........15713-14
ephemera (see also pamphlets)
trade card, Preston, Joseph & Sons, of Prescot........475, 476
equation of time (see also time, solar)......................630
early knowledge of...............................................622, 630-2
Horological Dialogues (1675).................................632
Horological Disquisitions (1694)............................634-5
shown on clocks (see also dial, solar time)
adjustable dial, Ahasuerus Fromanteel longcase......631
longcase clock, year duration...............................824
Ploemel clock.......................................................787
Tompion, Thomas, longcase clock.........................266-7
table of values
Derham, William................................................636
Harrison, John...................................................528
Smart, John, Tables of Time ... (1702)....................635
watch papers showing.........................................631
Erghum, Bishop..................................................399
escapement
Anant's pin-wheel................................................836
Chancellor, John................................................156
chronometer (in clocks)
anonymous, mantel clock.....................................306
Dent, no. 23712, giant striking carriage clock........288
Dent, M.F., of London, no. 25398, carriage clock. 301
Mercer, Thomas, Ltd, of St Albans, carriage clock. 398
constant force
Breguet, Abraham Louis, of Paris ......................125
Nicole, Adolphe................................................261, 268
cross-beat
Bergier, L., le Jeune, of Paris, mantel clock...........555-6
Bürgi, Jobst.........................................................823
dead-beat
Hennessy, of Swansea, longcase regulator.........3
paddle wheel.......................................................703
escapement, continued,
Debaufre
Forster, David, of Dublin, coach watch..............571
double, for two-wheeled clock............................24
experimental, early 19th century.........................605
grasshopper.........................................................177, 557
Harrison, John, H1............................................670
grasshopper-like, tower clock............................129
gravity, Bloxam, J.M., longcase regulator..........742
gravity, double three-legged.............................267, 271
gravity, fifteen-legged.......................................132
gravity, four-legged...........................................398, 401
gravity, single three-legged...............................132
Harrison, James, longcase clock, 1727.................536
Jex, Johnson......................................................320
lever
Emery's second type........................................437
Massey I, finished movement.............................464
Massey II, finished movement............................464
verge conversion to............................................557
pin-wheel.........................................................24
rack lever, finished movement..........................464
radial pin wheel................................................129
tic-tac...................................................................837
Japy Frères.........................................................555
unusual, tower clock.........................................129
verge
conversion to lever.............................................557
depthing adjustment..........................................555
Fromanteel, Ahasuerus, longcase clock..............238
Sidwell, Edward, of London,
30-hour alarm clock.........................................96-7
Essen, Louis......................................................81-2, 134
portrait of........................................................82
Estienne, Canon................................................208
Etherington, George, of London
bracket clock, marquetry case.........................510, 511, 513
Etten, Henry van...............................................629
Evans, of Birmingham
GWR angle-faced platform clock.......................559-60
table regulator..................................................836
turret clock.........................................................703
Evans, David, collection.....................................733
Evans, Evan, of Kenarth, watchmaker, administration....41
Evans, Jeremy, obituary of Martin Ball.................176-7
Evans, William Frederick.................................610
Evelyn, John......................................................633
exhibition
Clock Works, Saffron Walden museum...............183
Haydn and Time................................................825-6
Yorkshire Longcase Clocks, York.........................30

F
Fabergé egg, automaton clock............................25
Fairer, Thomas, of Saxmundham, clock and watchmaker
will.................................................................41
Fairer, William, of Asby, watchmaker, will...........41
Fairfax, General Thomas.................................332
Fairplay, (fictitious name) ..........................................................462, 465
fairs, clock and watch
2008 ..................................................................................111
2009 ..................................................................................255, 392, 551, 688
2010 ..................................................................................817
faking ..................................................................................400
Falck, Jeremia, portrait etching, of
Carl X Gustav, King of Sweden .................................................479
Christina, Queen of Sweden ..................................................479
de la Gardie, Count Magnus Gabriel ........................................479
Falkirk, Callendar House, visit by Scottish Section...............697
false pendulum (on bracket clock, by)
Bradley, Langley, of London, 3-train, ebonised ..................856
Brooke, George, of London, marquetry case .......................502-3
Cattell, Thomas, of London, silver mounted .......................5
Cotsworth, John, of London, marquetry case ......................505
Curtean, William, of London ...............................................168, 306, 602
Du Chesne, Claude, of London ..............................................606
Fennell, Richard, of Kensington, burr yew .........................297
Fromanteel and Clarke, of Amsterdam
marquetry case, alarm ............................................................502
Garon, Peter, of London, marquetry case...........................509
Goode, Charles, of London, ¼ chiming ebony ......................19
Gould, Christopher, of London, ebony veneered .................6
Graham, George, of London ..................................................152-3
Gretton, Charles, of London, marquetry case .................511
Martin, William, of Bristol, burr yew, ¼ repeat .................431
Robinson, Francis, of London, ebonised case .......................15
Tompion, Thomas, of London
no. 260, ebony ....................................................................26
no. 271, brass inlaid ................................................................25, 148
Watts, Brounker, of London, ¼ repeat timepiece .................519
Webster, William, of London .................................................738
Windmills, Joseph, of London ..............................................584
Fattorini, Thomas, of Skipton and Bradford .......................833
Favag, E80B radio controlled master clock ......................84, 85
Feeley, Noel P., lecture and visit reports .........................123
Félibien, André .....................................................................331, 332, 333, 338, 345-6
femme forte
Chariclea .................................................................................345
Christina, Queen of Sweden ...................................................486
Fennell, Richard, of Kensington
bracket clock, burr yew, alarm, repeat ..................297
Ferci, Antonio, table clock, ¼ repeating verge ...................837-8
Fergusson, of Cupar, regulator, replica ...............................697
Fergusson, Colin, portrait ......................................................609
Ferrié, Gustave .....................................................................71-2, 74-5, 76-7
portrait of ...........................................................................71-2
Field, Thomas, of Bath, bracket clock, chiming .................448
Fillary, Thomas .....................................................................794
film, Tic Toc, 1959 .................................................................554
Finch, Francis, of London, secret watch spring maker
will .........................................................................................34
Fine, Oronce, of Paris, planetary clock .........................796, 797
Finnimore, William, of Birmingham,
clock dial maker ................................................................763, 765, 767
Finney, of Liverpool, dial, unusual .......................................566
Finney, Joseph, of Liverpool, turret clock .........................704
Fitter, Thomas, of London
bracket clock, walnut, 3-train (stolen) .................................856
Fitzgerald, Niall ....................................................................181
Flamsteed, John, Astronomer Royal .....................................631
Fleetwood, Robert, of London, alarm watch, no. 8220 .......295
Fleetwood, William, of Clerkenwell, watch pillar maker
will .........................................................................................38
Fletcher, James, of London, clock case maker, will ............34
Fletcher, John, of London ......................................................265
floral clock, St Louis, World Fair, 1903-4 .........................563
fly
‘butterfly’ shaped, Knibb, Joseph, longcase clocks ............376
Fromanteel, Ahasuerus, longcase clock ...............................244
wooden, Harrison, James, 1727 clock .................................542
fob watch
gold and lapis, monogram CA crowned ............................313
Fogarty, L.F., portrait of ....................................................... 74
Foley, Paul J. .........................................................................188
folio .......................................................................................618
Fondling (fictitious name) .....................................................462, 465
For your further reading
278-9, 416-19, 571-5, i5·?720-3, 851-5
ANCAHA .............................................................................138-9, 417-18, i5·?720
Bulletin of the British Sundial Society ...............................279, 572-3, 853
Dialling Miscellany (British Sundial Society) .......................853
Het Torenuurwerk .............................................................137-8, 416, 571-2, 851
Horlogerie Ancienne ...........................................................139, 418, i5·?720-1
Horological Journal .........................................................278-9, 420, 573-5, 854-5
Horological Science Newsletter .........................................419, 854
Klasik Uhren .......................................................................419-20, i5·?722-3
La Voce di Hora ..................................................................418-19, 852-3
NAWCC Bulletin ...........................................................279, 575, i5·?721-2, 855
Tijdchriften ........................................................................138, 416-17, 851-2
form clock, see clock, in form of
Forman, Francis, of London, lantern clock .........................628
Forster, David, of Dublin
coach watch, Debaufre escapement ....................................571
letter from J. Ganczarczyk (research request) ......................571
pendule d’officier, no. 1098 ................................................571
Foster, Samuel ....................................................................629
Foster, Thomas, of Preston ..................................................471
Foucart, Jacques ..................................................................338, 339
Foucault, Louis, pendulum ...................................................71
400-day clock, Grivelos, of Paris .........................................404
Fourneau, of Liège, longcase clock.......................................405
Fox, Peter, engraver ............................................................564
frame clock ............................................................................271
Frampton, Derek .................................................................121
lecture report .....................................................................121, 564-5, 838-9
visit report
Owermoigne, Dorset Clock and Cider Museum ...............701
Westminster, Great Clock ..................................................121
Francillon, Ward .................................................................707
Francillon, Ward .................................................................707
Francis, J.D., Ltd, of Liverpool .............................................410
Frank, Mark
The Evolution of Tower Clock Movements, lecture ..........567
Franklin, Benjamin, 4-hour dial
Hauchar, Charles-Guillaume, of Paris, longcase clock ....171
Fraser, John, of Worcester
lantern clock .......................................................................166, 304, 444, 598, i6·?730
Frech, Peter, turret clock ....................................................125
Fredenberck, Casparus, table clock, astrolabic .................826
Freeman, Elizabeth, of London
watch key and pendant maker, will.................37
Freeth, Tony.................................................675
research into Antikythera mechanism.................561
French, W., & Son, of London, chronometer, pocket....555
frequency meter
 mains, reed based...........................................828
Venner.................................................................828
frequency standard
atomic..........................................................82, 83
Hewlett-Packard........................................518, 81
quartz......................................................................81
tuning fork..........................................................80
fret, case side, Watts, Brounker, of London...........519
fret, lantern clock, heraldic
 Bowyer, William, of London...............................92
Closen, Peter, of London.......................................166, 168, 598
Curris, Joseph, of Chew Magna..........................304
Webb, Edward, of Chewstoke..............................741
Frodsham & Co.
 Autonomy – the reality behind the dream, advertised....421
Frodsham, of London
carriage clock, giant ¼ striking........................6.732
longcase clock.......................................................698
Frodsham, Charles, of London
 chronometer, marine, Hartnup’s balance..............612
history of........................................................610-11
regulator..............................................................612
ship clocks, nos. 920, 936, 1853...........................565
Frodsham, Harrison Mill, of London....................268, 611
Frodsham, John, of London
 support for Ingold..............................................647, 651
wall clock, English dial, small drop, verge, wood dial...170
Frodsham, William James, of London
 opposition to Ingold.............................................646, 647
portrait.................................................................646
Floissart, Jean.....................................................623
Fromanteel, Ahasuerus.................................633
advertisement of 1658...27, 509, 519
 transcription...................................................619-20, 747
Coster-Fromanteel contract.................................619, 747
Coster’s ‘secret’.....................................................617
fire engine..........................................................620
 Gilding the Fromanteel Dial, letter, J. Warren Axline...569
glass grinding and instrument making...................750-1
list of inventions..............................................755, 756
long-duration clock...........................................753, 756
longcase clock
 ebony architectural case..................................6.714
ebony architectural case, ‘Norfolk’.........................274
ebony architectural case, Oxford, MHS......175, 330-47, 378-81
 case...............................................................262, 263
case details.....................................................378-81
conservation..................................................262-4
description....................................................262
dial and movement details..................................230-47
letter from Andrew King.................................408-9
letter from J. Warren Axline...............................569
letter from Jim Bennett.......................................407
Fromanteel, Ahasuerus, continued,
longcase clock, continued,
ebony architectural case, Oxford, MHS, continued,
 letter from John Taylor.................................273-5
 letter from Jonathan Betts.............................407-8
 letter from Paul Tuck.......................................409
 Longcase Clock by Ahasuerus Fromanteel,
c. 1660...230-47, 378-81
 movement......................................................262, 263
kingwood case, six month.................................748-9
 solar time shown manually...............................631
table clock, architectural, Dutch striking..............25
Fromanteel, Ahasuerus, junior, of London..............846
Fromanteel and Clarke, of Amsterdam
 bracket clock, alarm, marquetry case.................502, 506
Fromanteel, Mordacaeus..................................751
Fronde, the (c. 1648–1653)..................................490, 495
frontpiece (see also dedication)
 Bacon, Francis, Novum Organum Scientiarum........752
Desmarets, Jean, de Saint-Solin, Ariane (1632)........347
Heliodorus, Les Amours de Theagne et Charialide....334-5
Scudéry, Georges de, Alaric, ou Rome Vaincue........491
Scudéry, Madeleine de, Artamene, ou Le Grand Cyrus...492
Fruhrwirth, Walter.............................................824
Fuchs, lantern Uhr................................................824
Fuller, Jonathan, of London, watch......................397
Funnel, Edward, of Brighton, table regulator...........836
fusee, double start, Harrison, John, H1.................452, 665
G
Gadsby, Thomas, of Leicester
apprentice of Samuel Deacon...............................773-4
Gale, D.J., drop calendar wall clock......................308
Gale (?) of London, bracket clock.........................442
Galileo,
 Discourses Concerning Two New Sciences........846
Galileo Galilei: The First Mathematical Physicist,
 lecture by Sir Arnold Wolfendale.......................691-2
pendulum experiments........................................846
galvanometer, telegraphy.....................................69
Galway, Earl of...................................................746
Gammon, William, of Birmingham, turret clock....703
Gamot, G., of Paris, watch, enamel-cased.............337, 338
Ganczarzyczk, J.
 David Forster of Dublin, letter (research request)....571
Ganney, Henry..................................................652, 654
Ganter, Wolfgang..............................................86
Ganz, Xaver, of Swansea.....................................762-3
Garnier, Edward, MP..........................................613
Garnier, Paul, of Paris, carriage clock......................172
Garon, Peter, of London, bracket clock, marquetry...508, 509
Garrard Clocks Ltd.............................................410
Gassendi, Pierre..................................................5716
Gastor, Miss E....................................................742
Gatto, Martin, An Archive of Tavern Clocks, letter...135-6
GC with star (George Clerke), watch case maker’s mark...102
gearing (see also wheel, contrate)
 contrate, in Johnson Jex lathe...........................325-6
epicyclic, Antikythera mechanism.......................561
Baldewein, Eberhard............................................181, 806-7, 808, 809 Bürgi, Jobs. (1594)...................................................125 Renaissance examples.............................................806-7 glue............................................................................701 Godby, John Oupa, Deacon apprentice.........................781 Gobert, Peter, of London longcase clock, walnut, ¼ chime and repeat.............161, 303 Goddard, Benjamin, of Bethnal Green, watchmaker, will....41 Godfrey, Moses, of Cowbridge, clock club at St Athan. 88-91 Godier, Alan, tour report, Lancashire...........................702-3 Golay, C.H..................................................................262 Goldsmith (fictitious name)..........................................462, 463 Gole, Pierre, marqueteur...............................................499, 500 Gooch, John, of London, watch and clock spring maker will.................................................................34 Goodall, George, of Micklethwaite musical clock with sunrise and sunset.........................64 Goode, Charles, of London bracket clock, ¼ chiming ebony........................................19 Goodship, Geoffrey, sale of collection advertised...........5724 Gordon, Joseph, of Ballymoney, advertisement, 1777.....185 Gorwood, John, of London, watch finisher, will.............36 Gosnall, Peter For your further reading...........................................5721-2, 855 An Invasion in Time – Discussion (letter).................706-10 Goss, William, of London, watch engraver, will............36 Goswell, Tobias, letter to John Dennis.........................455 Gouberville, Gilles de................................................622 Goujon, Stephen, of London..........................................516 Gould, Christopher, of London bracket clock, ebony veneered.............................................6 Gould, Lt-Cdr Rupert T.................................................696 Harrison’s RAS regulator modifications.........................555, 556, 835 Goullons, of Paris, watch, enamel-cased....................496 with scenes from Aethiopica.................................344 Graham, George, of London..........................................695 bracket clock..........................................................152-3 longcase regulator, walnut, month going..................150 tavern clock............................................................655 grande sonnerie, see striking, grande sonnerie Grant, Richard, of London, bracket clock, mahogany...........310 Grantham Keeping Time ... Clocks, Watches and Barometers in ... Grantham, by Hugh E. Watson, reviewed...........546 graticule.................................................................180 Graves, Henry, Jr.....................................................387 gravestone Jex, Johnson, of Letheringsett, Norfolk..................568 Linnard, John, junior, of Swansea (1818-1880)...........760 Linnard, John, senior, of Swansea (c. 1794-1852).......760 Gray, Andrew..............................................................70 Gray, Mark Sound Vibrations and Recording Techniques, lecture........554 Grayhurst, of London, watch....................................397-8 The Great Collectors..................................................452 Great Exhibition......................................................395, 396 great wheels, overlapping......................................238, 263 Greaves, Thomas, of Birmingham, watchmaker, will.....41
Greece

Clock Hunting in Greece, lecture by Spiro Azzopardi...123
Green, Francis Herbert, Old English Clocks, dust jacket....296
Green Man...........................................508
Greenhill, Richard, of Ashford..............................197
Greenwich Mean Time.....................................621
Greenwich, Royal Observatory curator of horology sought................................................601, 612
Tompion replica clock........................................608-9
Greenwood, John, of Rochester, watchmaker administration...............................................41
Gregory, Jeremy, of London..................................846
bracket clock, ebony, Dutch striking.........................314
Gresham College.............................................629
Gretton, Charles, of London
bracket clock
listing of all known...............................................413
marquetry case..................................................510, 511, 513
quarter-repeating movement.................................850

The Charles Gretton Project
October 2008, letter.............................................275-8
January 2009, letter.............................................411-15
November 2009, letter.........................................849-50
lantern clock.....................................................276
listing of all known...............................................413
life of...................................................................275
longcase clocks, listing of all known..........................412
longcase movement, quarter-striking.........................849
signature................................................................849
watch.....................................................................277, 850
listing of all known...............................................414
no. 1625................................................................277
Gribelin, of Paris, watch, onion movement.................394-5
Gribelin, Simon, engraver.....................................499, 514
Grice, William
Study Tour 2009 – Vienna and Budapest..................822, 823-6
Grimeshaw, singing bird.........................................831
Grimshaw, Baxter and J.J. Elliott.............................410
Grimthorpe, 1st Baron (Edmund Beckett Denison)....395, 843
portrait of..........................................................685
support for Ingold................................................649
Grimthorpe, 5th Baron (Edward Beckett)..................613
Grivolas, of Paris, 400-day clock..............................404
Gross and Altenstetter, table clock.........................823
Grove, Richard, of London, watch case maker, will....35
Groves, W.......................................................698
Grubb, Sir Howard.............................................68
Guangzhou workshops, Beijing,
musical automaton clock........................................25
Guest, Sir John..................................................650
Guignan, Monsieur (of Bordeaux?)..........................697
Guildhall
trademark of Perivale Clock Manufacturing Co. Ltd.....411
Guildhall Library (The)
refurbishment....................................................112, 257, 393, 693, 821
Guillerm, Brother Vincent (of Plößel)......................790
Gurney, Joseph, of Bristol, tavern clock.....................737
Gutkaes, Friedrich.............................................801
Guy, William, of Clerkenwell,
tortoiseshell watch case coverer, will........................35
Harris, George, 1st Baron............................................269-70
Harris, John, of Clerkenwell, watch case maker, will...........35
Harrison, James, of Barrow...............................................402
John Harrison Longcase............................................318-19
longcase clock, 1727.............................................318-19, 429, 525-42
case illustrated in detail........................................525-31
dial and movement illustrated in detail.............429, 532-42
Harrison, John
career and methods discussed..........................695-6
equation of time and sunrise and sunset table........528
H1...........................................................................317
balance linkage......................................................696
bronze alloys used in..........................695-6
cased.................................................................696
conservation..........................................................317
card growth illustrated..............................452-3
illustrated in detail.............................452-3, 662-72
John Harrison’s 1st Marine Timekeeper H1.......662-72
Some New Insights, lecture, Jonathan Betts........695-6
maintaining power...................................................696
makers of parts of..........................................695, 696
temperature compensation..............................696
weight drive originally intended..........................696
H4
diamond pallets, investigation published.............5723
A reproduction of H4, St Roche’s lecture, 2008........28-9
St Roche’s Lecture Report, letter from Derek Pratt.....273
timekeeping..........................................................402
John Harrison and his Ultimate Pendulum Clocks,
lecture by Dr Stuart Harrison.......................556-7, 834-5
John Harrison Longcase............................................318-19
longcase clock, 1727
(made by James Harrison).............................318-19, 429, 525-42
longcase clock movement, 1713.......................403, 827
memorial to, in Westminster Abbey..............842
portrait of
by Joseph Wright (possible).........................834
by Thomas King................................................834
questions about output and patronage.................683
RAS regulator..................................................556-7, 834-5
A reproduction of H4, St Roche’s lecture, 2008........28-9
A Splash on the Page, lecture by Andrew King.....402-3
Westminster Abbey memorial plaque.............692
work on expansion of metals..................557
Harrison, Dr Stuart, John Harrison and his
Ultimate Pendulum Clocks, lecture................556-7, 834-5
Harrison, the Corpus Clock, and the Chronograph..177-80
Hartley, John, of Clerkenwell, watch wheel maker, will....38
Hartlib, Samuel..................................................747-54
Ephemerides..........................................................748-56
Hartridge, Charles A. (“Tony”).................................136
Harvey, Laurence..................................................524
Harvey, Robert, of London, lantern clock............621
Hasler, tachometer.................................................828, 831
Haselmayr, Lothar (see also Poule, et al)..............798
hat, in form of sundial.............................................693
Hatton, John, of Stafford, watch and clockmaker,
administration.......................................................41
Hauchar, Charles-Guillaume, of Paris, longcase clock,
Franklin 4-hour dial, experimental pendulum........171
Haughton, William, of London, watch gilder, will......37
Haward, Stella, portrait..............................................609
Hawking, Professor Stephen......................................180
Hawksey, Enoch, of Nantwich, watchmaker, will.....41
Haydn, Joseph, birthplace........................................823
Haydn and Time, exhibition..............................825-6
Haynes, James, of London, watch case maker, will....35
Heasman, Walt, of Lindfield, watchmaker
administration....................................................41
Heath, Roger, of London, watch gilder, will...........37
Heath, Thomas, of London, watch case maker, will....35
Heeb, Rafael, portrait..............................................611
Heligentheus........................................................825
heliochronometer.................................................120
Pilkington and Gibbs, of Preston..........................120
Wheatstone, Sir Charles............................................120
Heliodorus, Aethiopica.............................................333
subject of artworks.............................................333-4
subject of watch decoration..............................315, 334-46
translations of.....................................................334-5
Hendrie, James.......................................................697
Hensley, of Swansea, longcase regulator......................3
Hepton, Thomas, of Northallerton.......................547
Hevelius, Johannes................................................846
Hewitt family, of Lancashire....................................265-6, 457
Hewitt, George, of Marlborough, watchmaker, will....41
Hewitt, George, of Prescott.......................................265
Hewitt, Horatio Thomas, of New York.....................266
Hewitt, James, of Prescot...........................................266
Hewitt, John, of Coventry...........................................266
Hewitt, Joseph, of Prescot (1770–1835)......................265
Hewitt, Joseph, of Prescot (1823–1894)......................266
[JH] movement mark............................................469
watch, no. 9165....................................................469-70
will.................................................................266
Hewitt, Joshua, of Prescot...........................................265
The Deacon Family of Leicestershire Clockmakers
advertised..........................................................107
reviewed..........................................................105-6
Hewitt, Thomas, of Coventry, will............................266
Hewitt, Thomas, of Prescot and London (1798–1867).....265, 648
will.................................................................266
Hewitt, Thomas Peter, of Prescot (1848–1933)..............265
Hewlett-Packard, frequency standard......................81, 83
Hicks (fictitious name).............................................462, 465
Higgins, Richard.....................................................516
Hilberg, Wolfgang...............................................85
Hindley, of York, longcase clock, lacquer case.............15
Hines, Edward, of Norwich......................................330
Hinton, Richard, sundial.........................................626-8
Hipkin, Alan, death of reported.............................119
Hipp, Matthäus, turret clock.................................125
Hird, Jonathan.......................................................28
Hirst Bros, of Oldham..............................................411
Hobbes, Thomas....................................................846
Hockin, John, of Camborne, clockmaker, will............41

ANTiquarian HORologY 912
Hodgson, Brynn.......................................................400, 690
Holding, John, of Kendal, see Holding, John
Holding, John, of Kendal (Holding, Houldey)
longcase clock, calendar and clock case maker, will..........34
Hollis, Geoffrey......................................................705
book review................................................................674-5
tour report, Kent......................................................131-3
Holmes, George......................................................266
Holmes, John, of Egremont, watchmaker, administration...41
Holmstrom, Bob.......................................................124, 130
Honeywood, Sir Robert................................................754
hood, rising, Fromanteel, Ahasuerus..........................379, 381
Hoogendijk, Steven, of Rotterdam, bracket clock (stolen).140
Hooke, Robert.........................................................176, 696
instructs Tompion in equation of time.........................631
Hooper, John Alfred................................................167
Hope-Jones, Frank....................................................68, 73, 74-5, 674-5
Horophone..................................................................75
portrait of....................................................................74
Hopkins and Alfred....................................................707
Hornby family, of Lancashire......................................457
Hornby, Gerard.........................................................266
will.............................................................................266
Hornby, Richard.......................................................266
will.............................................................................266
Horney, David
Antiquarian Horological Society Prize, 2009.............609-10
Horological Journal (see also For your further reading).....395-6
debate over Ingold and Dennison.................................654
Horological Miscellany
18th-century auction sale catalogues..........................5723
DCG-Mitteilungen on-line...........................................855
Harrison’s H4............................................................7123
Horological News
28-30, 176-83, 316-19, 452-3, 608-13, 740-3
Horophone..................................................................75
Horsley, ‘Noon day stone’............................................623-4
Horstmann Gear Co. Ltd, of Bath.................................410
Houbrecht, Jos, dial enameller.....................................28
Houlden or Houlding, John, of Kendal, see Holding, John
hour-glass.................................................................199, 742
Houri, Frédéric (Jacques-Frédéric)
thermometer............................................................401
watch........................................................................126
Household Words.....................................................461-2
Houthorst, Gerrit van, painter.....................................334
Howard, E., weight-driven timepiece..........................308
Howells, William, watch............................................395
Howgrave-Graham, R.P.............................................399
Hubert, of Paris, mantel regulator..............................124
Hubert, John................................................................272
Hughes, H. & Son, of London
marine chronometer (Mercer), 1925.......................160, 294, 444
Hughes, John, informer.............................................354
Hughes, Thomas, of London, tavern clock..................698
Huguenin, Frères, of La Chaux de Fonds
bracket clock............................................................398
Huguenot
A Clock Commemorating a Huguenot Martyr,
by Harry Smith.....................................................744-6
Huguenot makers,
lecture by David Thompson..............................561-2, 838-9
Hulatt, P., tour report, France.................................697-8
Hull Grundy gift, British Museum...............................335
Hull (Kingston-upon-Hull)...........................................402
Hume, Joseph.............................................................650
Hunt, Dr Hugh
The Trinity College Cambridge clock, lecture.............843
Hunt, Isaac, & Co., see Berry, James, of Prescot
Huntsman, Benjamin................................................466
Hurd, Captain...........................................................268
Hurst, of Margate.......................................................132
Hurst Green (Lancashire)............................................702-3
Hurst, Lawrence.......................................................690
Hurst, Michael.........................................................263, 396, 618, 619
Christiaan Huygens’ First Pendulum Clock, letter.....409-10
Conservation of the Oxford Fromanteel, lecture...........262-3
Johnson Jex, letter......................................................568
portrait.................................................................609
visit report
Budapest, Museum of Applied Arts.............................826
Vienna, Kunsthistorisches Museum.............................823
Hutchinson, Beresford.................................................564
Hutchinson, Robin, lecture report.............................399-400
Huygens, Christiaan..................................................748, 846
Christiaan Huygens’ First Pendulum Clock,
letter by Michael Hurst.............................................409-10
clock, in 1671 engraving...........................................209
clock showing solar time............................................633
description of clock, 1657.........................................5719
equation of time table..............................................630, 631
Horologium (1658)...................................................204, 617, i5715, i5716, 748
Horologium Oscillatorium (1673)...............................204-5, 207, 208, 617, i5715, i5716, i5717
ideas used by Harrison.............................................695, 696
The Identification and Attribution of
Christiaan Huygens’ First Pendulum Clock,
by Sebastian Whitestone......................................149, 175, 201-22
letter from Michael Hurst.........................................409-10
letter from Reiner Plomp............................................5714-17
reply by Sebastian Whitestone................................5717-19
invention of pendulum clock....................................201, 222
questioned...............................................................614, 619
marine timekeeper..................................................222
Oeuvres Completes..................................................222
patent........................................................................202, 203, 221
pendulum, conical.....................................................222
Huygens, Lodewijk....................................................221
Jex, Johnson, continued,

notebooks.................................................................321-2

The Scientific Anchorite - Johnson jex the Norfolk
Clockmaker: the story of his unique lathe........320-30

wheel-cutting engine attributed to...............320

workshop, auction catalogue of................320

JMC (James McCabe), mark on movements........472

John Harrison Longcase................................318-19

John Linnard of Swansea: The Story of Two Clockmakers
and Their Clocks, by William Linnard...........757-68

John Linnard, E.D..................................................395

John, Francis.......................................................123

John, J., of Liverpool, watch movement, verge.....557

John, J., of Preston, turret clock, Churchtown.....703

John, Joseph, of Chesterfield, watchmaker

administration..................................................41

joint (hinge) making.........................................830

Jones, Sir Harold Spencer, Astronomer Royal......28, 81

Jones, Henry, of London

longcase clock, olivewood, marquetry panels.....450

Jones, J., of London..............................................395

Jones, R., of Gellideg, longcase clock, unusual dial.271

Jones, Steve..........................................................567

Joseph, John........................................................260

Jourdain family, of London

A Supplementary List of Clocks made by the Jourdain
Family of Spitalfields, by Clive N. Ponsford........188-93

Jourdain, Aaron, of London, watch, tortoiseshell case....193

Jourdain, Aaron Peter..............................................188

Jourdain, Nicholas, watchmaker and mercer, of London.189

Jourdain, William, of London..............................188-9, 190

bracelet clock, musical, silver mounted...........188-9

longcase movement, month duration................188, 190

Jourdain, William, junior, of London...............188-93

lent clock............................................................190

longcase clock......................................................191

Continental marquetry...........................................190-1

Dutch marquetry....................................................191

lacquer case........................................................191, 192, 193

mahogany............................................................191, 193

marquetry and carvings.................................189, 190

movement...............................................................193

walnut, Dutch striking...............................188, 192-3

clock, japanned case.................................188, 192-3

Joyce, J.B., of Whitchurch, turret clock

Higher Walton.....................................................702

small, bought in by?.............................................557

Worcester Cathedral...........................................118

JP (Joseph Preston & Sons), movement maker’s mark.473

The Judgement of Paris, depiction of..............479

Judith et Olo, design engraved on clock backplate.837-8

Jump, of London, calendar work......................837

Junghans

chronograph..........................................................829

clock, radio controlled......................................558

electric clock with 100 division dial.............124

mantel clock, Westminster chime...............558

stopwatch, 1/10 second..........................................557

Junghans, continued,

watch

carly electronic, c. 1968.................................558

Mega 1, radio controlled....................................86

Mega Solar..........................................................557

pocket alarm......................................................558

radio controlled................................................558

Jupiter, orbit of...............................................785

Jürgens, Mr.........................................................405

Juvet, globe clock..............................................308

K

Kalthof, Caspar....................................................751, 752

Kamp, Hans van der.............................................711

Kandler, Johann Joachim, Meissen figurines.......826

Kay, William Kilbourne....................................117

Kays, of Worcester

GWR angle-faced platform clock.....................559-60

Kays of Worcester, lecture by Bernard Mills.....117-18

Keeler Clock Co......................................................410

Keeler, Thomas, of London, watch gilder, will....37

Keene, James, of Coventry.................................460, 461

Keir, Peter, of Falkirk, longcase clock...............697

Kendall, Larcum, auction sale catalogue.........5723

Kenerstone, Edward, of London, clock case maker, will.34

Kent (county), clockmaking in...........................194-200

Kent, John, of Manchester, longcase clock.........60

Kepler, Johannes....................................................621

Kersten, Fritz van...................................................747

Kersten, Paul..........................................................406

key drawer, bracket clock, Du Chesne, Claude.....606

key, tipsy, Poole, David.......................................837

key, watch crank...............................................162, 436

Kiblich, Matthie, of Pressburg

watch, oval, with gemstones and enamel........332

Killigrew family......................................................751

King, Andrew.....................................................690, 696, 5719

John Harrison Longcase........................................318-19

The Oxford Fromanteel Clock, letter..............408-9

The Pendulum Clock, letter.........................845-6

'The Pendulum - Clock' signed 2nd, James Harrison
Barrow 1727.......................................................429, 525-42

portrait.................................................................609

A Splash on the Page, lecture..........................402-3

King, Matthew..................................................274, 409

Conservation of the Oxford Fromanteel, lecture...262-3

Kings Norton

Old Grammar School..........................................705

Old Saracen’s Head.............................................705

turret clock.......................................................705

Kinzing, Peter, hiking hour hand mechanism......171

Kirk, Joseph, of Nottingham

wall clock, ¼ repeat with gathered rack........517

Kito, Tony..............................................................631

Klein, Rene, portrait of.......................................74

Knibb, John, of Oxford

bracket clock, ebony, ¼ repeating, strike/silent.292-3

longcase clock, ebonised.................................446

915 VOLUME THIRTY-ONE
Knirim, Konrad, of London.........................................................633
  bracket clock..............................................................6721
  ebony, Dutch striking......................................................173
  ebony venerated, phase III, ¼ repeat.................................18
  walnut, ¼ striking, with alarm........................................6725
  longcase clock, ¼ striking verge, ebony case.......................370-5
  repeat mechanism attributed to.......................................517
  signature...........................................................................371
  wall clock, hooded
    now in longcase, ¼ striking verge, ebony case................370-5
Knibb, Joseph, of Oxford
  longcase clock, ebony, ¼ striking verge..............................369, 371, 372
  signature.............................................................................371
Knite, Balthazar, of Edinburgh, diagonal barometer..................115
Knight, Henry, of Birmingham
  turret clock, Kidderminster, St John the Baptist.................118
Knight, Jack.............................................................................261, 826
  lecture report..............................................................326, 835-6
  obituary of Malcolm Battatt...........................................316
Knight, Susan...........................................................................261, 689, 826
Oversea Study Tours..........................................................113, 258, 394
Study Tour 2010......................................................................822
Knip, Gerrit, of Zoon, Amsterdam, bracket clock (stolen).........140
Knirim, Konrad, British Military Timepieces, reviewed.............543-4
Kools, Robert
  Signature on an 18th Century Chinese Clock, letter..............711-12
    reply by Bernard North...................................................844-5
    reply by Ian White.........................................................844
Kostenbader, Georg, of Strasbourg, planetary clock...............796
Koster, Willem, of Amsterdam
  watch, enamel-cased, scenes from Aethiopica.....................342-3
Kuffler, Abraham and J S.....................................................750, 751
Kulling, Victor, of London, rejected as Honorary
  Freeman of Clockmakers’ Company..................................653
Kundo, radio controlled clock model 351-0001.......................85-6

L
Labouchere, Henry...............................................................650
Laclotte, Etienne...............................................................697
lacquered case, longcase clock
  anonymous, two-wheeled, elliptical dial................................24
  Arundel, James, of Kington..................................................590
  green lacquer case..........................................................602
Hindley, of York......................................................................15
Jourdain, William, junior, of London.................................191, 192, 193
Tompion, Thomas, of London.............................................266-7
Lacy, George, of Portsea, watchmaker, will...........................41
Laithwaite or Laithwait, of London, watch case maker, will.....35
La Mennais, Fr Jean-Marie de..............................................784
Lancashire
  The Contribution of South-West Lancashire to Horology,
    by A. A. Treherne, Part I: Watch and Chronometer
      Movement Making and Finishing.....................................457-76
  longcase clocks.............................................................52-4, 59-64
  watch and chronometer makers........................................466-76
  migration to Coventry.....................................................473, 474
  Lancashire Watch Company.............................................265, 652
  Landscape with Frolicking Shepherds,
    engraving by Gabrielle Perelle......................................488, 489
Langford, George, of London, clock engraver, will...............34
  lantern clock
    balance wheel
      Bowyer, William, of London, (restored)........................92-5
      Closon, Peter, of London............................................168
      Coxeter, Nicholas, of London......................................164
      French............................................................................404
    iron, unsigned, 16th century........................................741
Japanese...............................................................................557
  Lancashire school (southern)............................................43
  Lantern Clocks and Their Makers, by Brian Loomes
    briefly reviewed..........................................................106
    reviewed........................................................................673-4
  “Not a Bad Timekeeper: The English Lantern Clock
    in the Seventeenth Century”,
    by Sir George White......................................................621-36, 692-3
    used to show pendulum action.......................................618
    Venetian, six-hour dial..................................................123
    winged, Tinham, Samuel, of Salisbury..............................404
  lantern clock, by
    Ames, Richard, of London, ¼ chiming............................17
    anonymous, with alarm...................................................444
    Barlow, William, of King’s Lynn....................................598
    Barrett, William, of Ashford?.........................................196-7
    Barrow, John, of London.............................................304, 444, 598, 6730
    Bedford, Hilkiah, of London..........................................628
    Borrett, of Stowmarket (spurious)....................................700, 848
    Bowyer, William, of London, balance wheel....................92-5
    Camerini, 1656..............................................................741
    Closon, Peter, of London............................................166, 304, 444, 598, 6730
    balance wheel..................................................................168
    Coxeter, Nicholas, of London, balance wheel................164
    Crawley, Thomas, of London........................................6730
    Curtis, Joseph, of Chew Magna.....................................166, 304, 444, 598, 6730
    Drury, John, of London................................................741
    Dyde, Thomas, of London.............................................6730
    Ebsworth, John, of London...........................................673
    Forman, Francis............................................................628
    Fraser, John, of Worcester............................................166, 304, 444, 598, 6730
    Greson, Charles, of London, listing of all known............413
    Harvey, Robert, of London...........................................621
    Jourdain, William, junior, of London.............................190
    Lindsey, John, of Nayland.............................................444, 598, 6730
    Littlemore, Joseph, of Frodsham....................................166
    Lovelock, Charles, of Warminster..................................444, 598, 6730
    Manley, Cornelius, of Norwich......................................304, 444, 598, 6730
    Markwick, James, of London.........................................166, 304, 444, 598, 6730
    Michell, John, of Chardstock.........................................166, 304, 444, 598, 6730
    Mitten, Francis, of Chichester.....................................168
    Poole, George, of London, early anchor conversion...........587
    Prior, George, of London.............................................444, 6730
    Reeve, William, of Spalding.........................................166, 304, 444, 598, 6730
    Richards, Robert, of London..........................................444, 598, 6730
    Savage, Richard, of Much Wenlock, 1692........................157
    Selwood, William, of London.........................................398
    Shuckforth, Benjamin, of Diss.......................................699
    Speakman, William, of London......................................166
    Stanton, Edward, of London.........................................166, 304, 444, 598, 6730
    Steele, Benjamin, of London.........................................673

ANTiquarian HoroloRY 916
lantern clock, by, continued,
Tinham, Samuel, of Salisbury.........................404
Tomlinson, William, of London, ¼ strike, 3-train...6718
Tompion, Thomas, of London, no. 535, alarm....430
Walker, George, of Oxford................................304
Warner, John, of Chipping Camden................698
Webb, Edward, of Chepstow...............................741
Williamson, Robert, of London.......................304, 444, 598, 6730
Windmills, Joseph, of London.........................166, 304
Wolverston, Benjamin, of London..........................304, 444, 598, 6730
Lanterndluhr
Fuchs, Anton...................................................824
Pfeiffer, Anton...................................................824
Weinberger..........................................................824
Larrard, Thomas, of Hull, tell-tale clock.............793
Lasne, W., Michel, engraver.............................334, 487
Latch, W., of Newport
longcase clock, unusual painted dial.................270
lathe
Jex, Johnson
CAD drawings of...........................................327, 330
contrat gearing in........................................325-6
details.............................................................323-6
general features.............................................321-2
interpretation of...........................................326
methods of using...........................................326-9
provenance....................................................329-30
watchmaker’s..................................................321
Maudsley, Henry..............................................321, 323
watchmaker’s, Johnson Jex..............................321
Lartimore, Dr Colin...........................................183
Leardale, Duke of.............................................370
Law, Rodney....................................................29, 696
portrait...............................................................609
Lawson, of Hindley, turret clock, Kirkham...........703
Laycock, William..............................................695, 696
Layton, Francis, of London, watch spring maker, will...34
Le Count, Daniel, watch......................................397
le Pont, P, watch with sundial............................626
Le Roy, singing bird temple clock.......................700
Le Roy, Julien, of Paris
clock dial.......................................................558
watch, verge, Turkish market............................555
Leadbetter, William, of London, watchmaker, will...41
Leadenhall, sundial and fountain..........................630
Leake, John, sundial...........................................630
Leavenworth, Mark, shelf clock.........................308
lecture report
Azzopardi, Spiro, Clock Hunting in Greece..............123
Bateman, Douglas A., Precision Pendulums............553-4
Bent, Colin, Poacher turned Gamekeeper..............400
Betts, Jonathan, John Harrisons First Marine
Timekeeper H1, Some New Insights....................695-6
Buxton, David, Painted Dial Restoration................116
Campbell, Miles, Striking Ship Clocks.................564-5
Churchill, David, Unusual Strike Control..............565-6
Davis, Dr John
Sundials from Prehistory to the Digital Age.........119-20
Davis, Keith, Dial Matting, demonstration.............120
Duckworth, Peter, A Wigan Shop.........................563-4
lecture report, continued,
Edmunds, Prof. Mike, The Antikythera Mechanism....122
Frank, Mark
The Evolution of Tower Clock Movements...............567
Gillibrand, Leighton
An Auctioneer’s View of Horology......................120-1
Gray, Mark
Sound Vibrations and Recording Techniques..........554
Harrison, Dr Stuart, John Harrison and his Ultimate
Pendulum Clocks..................................................834-5
Hunt, Dr Hugh, The Trinity College Cambridge clock.843
Irvine, Philip, Turret Clock Restoration................116-17
King, Andrew, A Splash on the Page....................402-3
Leebroek, Inge, Eric Wauters, and Jacob Roosjen
A watch from the “Bethlehem”.........................839-40
Lines, Brian (Sid)
Marble Clock Case Restoration.........................267-8
The Restoration of an Abused Aron
Electrical Clock..................................................832, 841-2
Linnard, William, Some Clocks with Unusual Dials...270-1
Linstead-Smith, Peter, Greenwich Observatory
Chronometer Records..........................................268-9, 269-70
McGonigle, John, Developments in the
Production of Complicated Watches....................123
McKay, C. G. (Chris)
Dent and the Pendulum Clock............................842-3
McQuater, Archie, Ingenious Clocks.....................554-5
Maragna, Tony
Nicole Nielsen – The Maker’s Maker....................261-2
Watches, Speedometers and Car Clocks
of Nicole Nielsen.............................................268
Midleton, Viscount (Alan), The British Horological
Institute, its History and Collection....................395-6
Mills, Bernard, Keys of Worcester......................117-18
Moorhouse, John, Mechanical Singing Birds...........831
Morrison-Low, Alison
The Development of the Barometer in Scotland......114-15
Penney, David, Evan Roberts: the Greatest
Horological Collector of All.................................826-7
Perry, Kevin, Wood...........................................700-1
Phillips, John, Musical Clocks............................831-2
Poole, David
Antiquarian Horology – clues to the future...........836-7
Presgrave, David, The Willard Family...................835-6
Priestley, Philip
Captain Cook, Venus, and a Great Discovery.........566
History of English Watch Cases and their Makers...397-8
Read, David, Pneumatic clocks...........................562-3
Rice, Roy, The Billie Dynasty.............................121-2
Ridout, Martin, A Millennium Clock....................564
Robey, John A.
The Lost Secrets of 18th-Century Clockmakers......553
Northern Longcase Clocks.................................561
Sanders, Nick, Electric Clocks............................264-5
Scobie-Youngs, Keith
Cumbria Clock Company.................................264, 399-400
The Theory, History, and Development of
Auto-Winding....................................................827-8
Simpson, Dr Allen, Japy Frères and the beginning of
mass production in France...............................396
lecture report, continued,

Taylor, Dr John C., The Corpus Christi Clock.................560
Thompson, David

Huguenot makers.......................................................561-2
A Miscellany of Foreigners...........................................838-9
Treherne, A. A. (Alan), The Hewitt family.....................265-6
Unwin, Don, The Antikythera Mechanism.........................560-1
Watkinson, Steve, My Life and Horology.........................832-4

White, Sir George, "Not a Bad Timekeeper: the
English Lantern Clock in the Seventeenth Century"., 692-3
White, Ian, English Clockmakers in the
Ottoman and Chinese Markets 1580–1815.................113-14
Williams, Dr Sioned, and Emry Davies

Interesting Clocks at St Fagans..................................122
Wilson, Mike
Time on my Hands.....................................................394-5
Watch Case Making....................................................829-30
Withers, John, Timekeeping in the Second World War,
delivered posthumously.............................................406
Wood, Peter, The Coventry Watch Heritage Trail...........558-9
Lee, of Prescott, balance maker.................................471
Lee, Cuthbert, of London, tavern clock.........................655
Leebrook, Inge

A watch from the "Bethlehem", lecture.........................839-40
Lees, John, of Middleton, clockmaker, administration....41
Leeson & Son, of Coleshill, turret clock.......................704
Lefrand, of Paris, carriage clock

A giant, calendar, grande sonnerie minute repeating.....158
Leicestershire Clock and Watchmakers, Society of........771
Leiden University.......................................................210
Leigh, of Newton

longcase clock, mahogany, lunar, musical.................700
Lens, Bernard, of London, engraver............................635
Lenzkirch, Vienna regulator.......................................831
Leonard, of Prescott, balance maker.........................471
Lepautre, of Paris

table regulator, solar time and remontoire...............735
Lepine caliper

McCabe, James, of London, watch no. 14280..............473
Lepper, A.J.A..........................................................360
Lepper, Charles, of Belfast.................................353, 358
wife, Anne Jane (née Harper)...................................187
Lepper, Francis, of Belfast.................................353, 358-60
advertisement, 1800.............................................358
advertisement, 1806.............................................359
Lepper, George, of Belfast.................................353-8
advertisement, 1800.............................................354
advertisements, 1805–11........................................354-5, 357-8
watch
no. 104, pair cased, chapters JAMESGRAHAM........356
no. 257, movement.................................................357
wife, Eliza (née Harper)............................................187, 353, 355
Lepper, Maxwell.......................................................353, 354, 360
Lepper, Patrick.........................................................187, 360
Lepper, Robert Francis..............................................360
Leppers & Co..........................................................360
Leppers, McCrum, & Co............................................359-60
The Leppers of Belfast, Bell, David A.........................353-60
Leschot, Georges-Auguste.........................................640

ANTICHRONARIAN HOROLOGY

Letters to the Editor....................................................

135-6, 273-8, 407-15, 568-71, 706-19, 844-50
Anglesey Abbey, Jonathan Betts..............................848
An Archive of Tavern Clocks, Martin Gatto.................135-6
Barwise, Cockermouth, Geoffrey Crabtree..................569-70
Cambridge Bell Indices, Clifford Bird.........................136
Change of Editor, John Plowman...............................5713
The Charles Gretton Project

October 2008, Dennis Radage.................................275-8
January 2009, Dennis Radage...................................411-15
November 2009, Dennis Radage...............................849-50
Chinese Clocks, Ian White..........................................844
Christiaan Huygens' First Pendulum Clock,
Michael Hurst..........................................................409-10
Conserving the Oxford Fromanteel, Jonathan Betts....407-8
David Forster of Dublin, (research request),
J. Ganczarczyk.........................................................571
Dial Painting is a Modern Addition, David Penney.....273
Edward Barlow and Repeating, John Robey...............848-9
Enigmatic Spandrels, Michael Low............................5713-14
Gilding the Fromanteel Dial, J. Warren Axilde...........569
An Invasion in Time – Discussion, Chris Bailey,
Snowden Taylor, and Peter Gosnell,
with comments by Alan Davies...............................706-10
Johnson Jex, Michael Hurst.......................................568
The National Benevolent Society of Watch and
Clockmakers, Elizabeth Gill........................................568
Ornament Identified, Stuart Malin.............................712
The Oxford Fromanteel Clock, Dr John C Taylor.......273-5
replies
Dr J. A. (Jim) Bennett.............................................407
Andrew King..........................................................408-9
Paul Tuck.................................................................409
The Pendulum Clock, Andrew King.............................845-6
A Possible Samuel Whitaker Movement,
Douglas K. Stevenson.............................................847-8
Signature on an 18th Century Chinese Clock,
Robert Kool............................................................711-12
reply by Bernard North...........................................844-5
reply by Ian White..................................................844
St Roche’s Lecture Report, Derek Pratt......................273
A Turret Clock from Cork, Ireland,
Gerald Barriscale.....................................................846-7
Unusual Chronometer Ornament, Geoffrey Crabtree.....570
reply by Stuart Malin................................................712
A Watch with Maintaining Power and
Expansion Slide, Tom Spittler..................................135
Who was Christiaan Huygens' First Clockmaker?,
Reinier Plomp.........................................................5714-17
Levens Hall, Cumbria...............................................6729
Lewson & Carrathers, of Belfast...............................359
Leybourn, William....................................................629
library, AHS, see AHS: Library Notes
Ledl, Alvar..............................................................554
Liechti family clocks.............................................259
Liechti, Erhard, chamber clock, with alarm, 1572.....125
lifting piece, bird-shaped, Deacon, Samuel,
and John Vero, of Barton-in-the-Beans.....................366, 367
Lincolnshire, longcase clock casework.........................546
Lindley, Thomas, of Leicester.................................362, 364, 769
longcase clock, made by, continued.
Brandreth, Obadiah, of Middlewich
  lunar indication, centre-seconds...............................57-60
Brownless, of Staindrop...........................................54
Buckell, Ridge, of Skelton, unusual dial......................271
Chance, John, of Chesterfield.................................266
Clare, Peter, of Manchester
  mahogany, lunar and calendar dials..........................597
Clement, William, of London, marquetry......................698
Clifton, John, of Liverpool
  mahogany, moon, calendar, centre-seconds..................305
Crawshaw, A., of Rotherham, year-going......................6/732
Crofts, Thomas, of Leeds
  calendar and lunar indication................................60-3
Cruttenden, Thomas, of York..................................6/726
Deacon, John, of Barton-in-the-Beans and Leicester
  no. 78/122, 30-hour movement.................................771
Deacon, Samuel, of Barton-in-the-Beans......................776
Debnam, Lawrence, of Frome, 8-day posted frame............659
Delander, Daniel, of London
  burr walnut, square ogee dial................................439
Dobbie, William, of Falkirk..................................697
Eayre, Joseph, of St Neots, mahogany.........................595
Ebsworth, John, of London, floral marquetry...................23
Elia, Johannes, of Amsterdam, automaton....................124
Fourneau, of Liége..............................................405
Frodsham..........................................................698
Fromanteel, Ahasuerus, of London
  ebony architectural case.......................................6/714
  ebony architectural case, 'Norfolk'...........................274
  ebony architectural case, Oxford, MHS......................175
case details.......................................................378-81
  conservation..................................................262-4
dial and movement details......................................230-47
  letter from J. Warren Axline................................569
  letter from Jonathan Betts....................................407-8
  letter from Andrew King.......................................408-9
  letter from John Taylor....................................273-5
  letter from Paul Tuck.........................................409
  kingwood case, six month....................................748-9
  solar time shown manually....................................631
Gladstone, J., of Biggar.........................................698
Gobert, Peter, of London
  walnut, ¼ chime and repeat..................................161, 303
Gretton, Charles, of London
  ¼ striking movement...........................................849
  listing of all known............................................412
Hadwen, Isaac, of Kendal, oak, 30 hour.......................440
Harrison, James, of Barrow, 1727.............................429, 525-42
Hauchar, Charles-Guillaume, of Paris
  Franklin 4-hour dial, experimental pendulum..............171
Hindley, of York, lacquer case................................15
Holding, John, of Kendal (Holden, Houlden)
  calendar and lunar indication................................55, 55-6
Jones, Henry, of London
  olivewood, marquetry panels..................................450
Jones, R., of Gellideg, unusual dial...........................271
Jourdain, William, of London
  movement, month duration, repeat...........................188, 190
lunar indication, longcase clock by, continued.

Vulliamy, Benjamin Lewis, of London

no. 988, mahogany.................................588-9
no. 1103.............................................6731

Waterbury Clock Company..........................308

Wetherhead, Leonard, of Kirkby Lonsdale...........55

Wilkinson, Joseph, of Wigtown

lunar and tidal indication................................50-1

Williams, Henry, of Lancarvan, unusual dial........271

Williams, Thomas, of Preston........................64

Williamson, Joseph, of London

showing only solar time............................633-4

Wood, John, of Grantham............................646

Wright, Samuel, of Northwich

lunar and date indication..............................56-7

Wrigley, Isaac, of Manchester

carved oak case in memory of Jean Charpentier..744-6

longcase regulator, see regulator, longcase

Longueville, Anne-Genevieve, Duchesse de........490

Longines, of Geneva

deck watch, no. 9735?, HS3, 1938............160, 294, 444

Loomes, Brian........................................455, 456

Lantern Clocks and Their Makers

briefly reviewed.......................................106

reviewed...............................................673-4

Loomes, Robert, portrait...........................609

Loomes, Thomas, of London..........................96

Lough, of Penrith

longcase clock, 30-hour, penny moon, rack strike.......398

Love, Robert.........................................516

Lovelock, Charles, of Warminster

lantern clock.........................................444, 598, 61730

Low, Michael, Enigmatic Spaniards, letter...........15713-14

Lowndes, Jonathan, of London

bracket clock, marquetry case.........................506, 507

Lucas, John, of London, watch movement maker, will..38

Ludlam, Prof. William, auction sale catalogue........5723

Lulofs, Professor Johan................................208

lunar indication.......................................44

Ploërmel clock.......................................787, 788

lunar indication, by

Baldewin, Eberhard..................................806

Poole, David.........................................836

lunar indication, longcase clock by

Barber, Jonas, of Winster, 30-hour....................55

Barlow, William, of Ashton-under-Lyne...............53-4

Barry, (Thomas?) of Leigh..........................63-4

Barwise, John, of Cockermouth.......................570

Brandreth, Obadiah, of Middlewich....................57-60

Clare, Peter, of Manchester..........................597

Clifton, John, of Liverpool..........................305

Crofts, Thomas, of Leeds................................60-3

Deacon, Samuel, of Barton-in-the-Beans.............776

Holding, John, of Kendal............................55, 55-6

Jourdain, William, junior, of London...188, 191, 192, 193

Leigh, of Newton, mahogany, musical.................700

Lough, of Penrith, 30-hour, rack strike...............398

Monkhouse, of Carlisle................................13

Oliver, John, of Manchester..........................52

Sanderson, Robert, of London........................6727

lunar indication, longcase clock by, continued.

Shephard, William, of Millom..........................48-50

Stansfield, Samuel, of Stalybridge....................60

Taylor, John (of Ashton-under-Lyne)....................48

Wilkinson, Joseph, of Wigtown..........................50-1

Wright, Samuel, of Northwich..........................56-7

lunar indication, with

full and new moon.....................................54

Halifax moon, David Poole............................836

moon rises/set at night................................597

position in sky, Barry, of Leigh.......................63-4

scenes of cloth manufacture............................61-3

unusual drive by wire....................................50

lunation train, accurate, David Poole.................836

Lund & Blockley, of London, turret clock, Lancashire...703

Luynes, Louis Charles d’Albert, 2nd duc de........5715

M

McBurnie, Alexander, of Dunadry......................186-7

McCabe, James, of London

bracket clock.........................................15

mahogany, brass inlay (stolen).........................856

chronometer, marine, no. 351, 8-day..................449

longcase clock........................................15

watch movement, Lepine, no. 14280....................472, 473

McCabe, Thomas, of Belfast............................184

McCann, Mike.........................................613

 McClure, Berrie........................................123

McGonigle, John, Developments in the Production of
Complicated Watches, lecture..........................123

McGonigle, Stephen....................................123

McKay, C. G. (Chris)

Big Ben 150 Years Old................................612-13

Dent the Pendulum Clock, lecture......................842-3

portrait of.............................................685

McLeod, W. R. and V. B., and J. R. Millburn

Horological Advertisements in the Reign of Queen Anne..839

McMichael, Leslie, portrait of.........................74

McQuater, Archie

calendar, perpetual.....................................555

cloud cover, indication on clock.......................554

Ingenious Clocks, lecture............................554-5

planetarium, Ptolemaic................................555

tidal dial...............................................554

turret clock, flat bed....................................554-5

Maddock, Randle, of Leek, ¼ repeat with gathered rack...517

Magneta Time Company

electric master clock....................................128

ship’s clock............................................134

magneto..................................................262

maintaining power, bolt and shutter

Du Chesne, Claude, of London, bracket clock..........606

Ebsworth, John, of London, longcase clock............23

Etherington, George, of London

bracket clock, marquetry case..........................510, 511

Fromanteel, Ahasuerus, of London

longcase clock.........................................241, 247

Harrison, James, of Barrow, longcase clock, 1727........538
maintaining power, bolt and shutter, continued,
Tompson, Thomas, of London.................................443
no. 114, burr walnut............................................443
no. 134, ebonised longcase clock.............................593
maintaining power, Harrison’s
Harrison, John, H1.....................................................452, 666
maintaining power, planetary gearing, David Poole.........836
maker’s mark, see watch case maker’s mark
Making History: The Work of a Contemporary
Sundial Maker, lecture by Joanna Migdal.......................692
Malebranche, Dr Roger, collection................................308
Malin, Stuart, Ornament Identified, letter.....................712
Malton, Michael.......................................................134
Manchester
longcase case style..................................................597
Pedestrian Club.......................................................316
Town Hall, early hydraulic winding of clock...................827
Manley, Cornelius, of Norwich
lunet clock..........................................................304, 444, 598, 6730
Mann, Curtis, James Arthur Lecture............................566
Mansfield, Theophilus, of London, clock spring maker
will..........................................................34
mantel clock
anonymous, chronometer escapement.............................306
Barraud and Lund, of London, no. 1589.......................15
Berger, L., le Jeune, of Paris, ormolu, cross-beat
escapement, grande sonnerie ¼ repeat.........................555-6
Boulton, Matthew, ‘Minerva’ (stolen).........................140
Bourdier Fils................................................................405
Elliott Ltd, of Croydon, chiming, quarter.....................6729
Payne, William, of London, black marble and ormolu.165
Sarton, Hubert, of Liége, portico, pull-repeat.............313
Simmons, of Fareham, no. 13764, five glass.............15
Vienna porcelain mounted timepiece..........................20
Viner, of London
mahogany, enamel dial...........................................15
no. 630, rosewood..................................................15
mantel regulator, see regulator, table
Manton, Samuel, of Clerkenwell, inside watch chain maker
will..........................................................36
map of
Clerkenwell (part), 1790s.........................................459
Clerkenwell, 1871......................................................639
England, routes of cast steel and movements..............467
laboratories using T75A Prangins receiver...................84
Lancashire, south-west, horological centres..................468
Spitalfields, 1746.......................................................189
Surrenden Park, c. 1780............................................194
Swansea, 1878..........................................................761
Maragna, Tony
For your further reading...........................................418-19, 852-3
Nicole Nielsen – The Maker’s Maker, lecture.................261-2
Watches, Speedometers and Car Clocks of Nicole Nielsen,
lecture...................................................................268
Marble Clock Case Restoration,
lecture by Brian (Sid) Lines......................................267-8
Marchant, Jo, Decoding the Heavens, reviewed..............675-6
Marconi, Guglielmo
portrait of.................................................................67
transatlantic wireless signal......................................66-7
Marconi Wireless Telegraph Company.......................69-70
shipping chart.........................................................70
watch..........................................................304, 444, 598, 6730
Marquart, Christoph, of Prague, rolling ball clock..........823, 830
Marie-Euphrosyna,
Princess of Palatinate-Zweibrücken.........................477, 495
depiction with Queen Christina..............................484
‘Philimene’.............................................................493
portrait enamel of....................................................479
Maria Teresa, portrait of..........................................332
Mariette, Pierre (I)......................................................488
marine timekeeper, see timekeeper, marine
Markwick, James, of London
lunet clock..........................................................166, 304, 444, 598, 6730
Markwick Markham, of London, longcase clock...........302
Markwick-Markham Borrell, of London, fret, case side....844
Marlow, Charles, of Coventry
watch movement, no. 19761.....................................101, 273
Marot, Daniel..............................................................499
marquetry
arabesque and pictorial..........................................502-8
Boule-type...............................................................511-15
counterpart............................................................504, 505, 506, 508, 510, 511
cut from single sheet of veneer..............................45
English Marquetry Table Clocks,
by Robert Donaldson.............................................499-516
fate and survival of clock cases...............................516
floral..................................................................500-2
forms of.................................................................499
longcase clocks.......................................................501
makers of (marqueteur)
Boule, André-Charles.............................................499
Gole, Pierre.............................................................499, 500
Jansen, Gerrit........................................................499
Mekeren, Jan van....................................................500
mouldings made in..............................................507, 508, 509
production c. 1700..............................................514-16
seaweed..........................................................499, 509-14
technique of..........................................................500
marquetry case, bracket clock, article discussing...........499-516
marquetry case, bracket clock, by
Aldworth, Samuel, of London.................................511, 512, 514
Brooke, George, of London...................................502-3, 507
Brulefer, Louis, of London....................................513-14, 515
Cotsworth, John, of London...................................505, 506, 507
Etherington, George, of London.............................510, 511, 513
Fromanteel and Clarke, of Amsterdam......................502, 506, 507
Garon, Peter, of London.........................................508, 509
Gretton, Charles, of London...................................511, 513
Hodges, Nathaniel, of London................................501
Lowndes, Jonathan, of London...............................506, 507
Martin, John, of London........................................504, 506
Still, Francis, of London..........................................508
Taylor, John, of Holborn........................................511, 513
Windmills, Joseph, of London.................................511
marquetry case, longcase clock, by
Barnett, John, of London, month, bird and flower........159
Beverly, James, of London, all-over bird and flower.......441
Clement, William, of London.................................698
Ebsworth, John, of London, floral..............................23

ANTHOLOGY 5922
marquetry case, longcase clock, by, continued,
Jones, Henry, of London, olivewood, floral panels.................450
Jourdain, William, jun., of London..189, 190, 190-1, 191
Quare, Daniel, of London..................................................823
month duration..............................................................823
Stanton, Edward, of London, floral.....................................9
Taylor, John, of Dukinfield.................................................44-7
Marrison, Warren............................................................81
Marson, James, of London, watch case maker, will..............36
Martin, A., of Swansea....................................................762-3
Martin, Benjamin, of London..............................i5·715, i5·717-18
Newtonian Mathematics (1764)......................................206, 208, i5·715, i5·718
Martin, Jean L.
Swiss Historical Watches, vols 1 to 7, reviewed..................545-6
Martin, John, of London, bracket clock, marquetry. 504, 506
Martin, William, of Bristol
bracket clock, burr yew, ¼ repeat.......................................431
Martyn, William, of St Columb Major, watchmaker, will....41
Maskelyne, Nevil..............................................................566
Massey, Edward, of London.............................................266
Massey, Edward, of Newcastle-under-Lyme........................461
Massingham, John, of Fakenham, clockmaker, will..............41
de Massue, Henri, Marquis de Ruvigny, Earl of Galway....746
master clock
Gillet and Johnston, of Croydon, restoration......................564
International Time Recording Company..........................829
Matthews, Martin, watch case maker.................................28
matting, by roller
demonstration by Keith Davis...........................................120
Fromanteel, Ahasuerus, longcase clock............................231, 263
Knibb, Joseph, 30-hour longcases....................................375
matting, detail
Knibb, Joseph, of London..................................................375
Knibb, Joseph, of Oxford..................................................375
Maudsley, Henry, lathe.....................................................321, 323, 329
design features...............................................................324
Maurice, of Fenchurch Street, escapement conversion........557
Mawkes, Thomas, longcase clock......................................699
May, John, of London, longcase clock, month duration i5·732
Maybaum, Strasbourg clock...............................................562-3
Mayerling.................................................................824
Mayhew, William, of Woodbridge, tavern clock.................698
Mazarin, Cardinal.............................................................495
Mead, Ann, of London, watch spring maker, will..............34
Measuring Time Gallery at the Science Museum................741-2
Medici, Cosimo I de’
An Unknown Portrait of Cosimo de’ Medici?.........................742-3
Meinen, Warner...............................................................415
The Charles Gretton Project.............................................275-8
Meis, Jos.................................................................124
Meissen figures, Kandler, Johann Joachim.........................826
Mekeren, Jan van, marqueteur..........................................500
Mélinte Abducting Ariane, depiction of.............................348
Mélinte and Ariane Fleeing Rome, depiction of.............349
Mélinte and Palamède Crowned with Laurels, depiction of 349
Mélinte’s Struggle with Eurymedon, depiction of.............349-50
Melville or Melvil, Robert, of Clerkenwell, watch jeweller
will.................................................................37
Mercator, Nicholas, equation clock..................................633
Mercer, Frank, of St Albans..............................................471-2
Mercer, Thomas, & Sons, of Coventry..............................463-4
advertisement, 1861........................................................464
invoice, 1814.................................................................463
Mercer, Thomas, of London..............................................265
chronometer, marine.......................................................471
portrait.................................................................471
Mercer, Thomas, Ltd, of St Albans..................................410
carriage clock, chronometer............................................398
chronometer, marine, 1925............................................160, 294, 444
Mercius Politicus
21–28 October 1658.......................................................27, 619, 620, 630, 747
Mercury, Baldeiw’s gearing to represent.....................803-4
Mercure, clock final.........................................................5
Mersenne, Marin............................................................846
Mercier, Jeremias, of Augsburg
monstrance clock..........................................................823
table clock........................................................................823
Mhon, "signature" on Chinese clock.............................711-12, 844
Matt, Thomas, of Birmingham, clockmaker, will..............41
Michell, John, of Chardstock
lantern clock...................................................166, 304, 444, 598, 61-730
micrometer, Jex, Johnson..................................................321
Midlands Section, see AHS, Midlands Section
Midleton, Viscount (Alan).................................................564, 609
The British Horological Institute, in History and Collection
lecture.................................................................395-6
portrait.................................................................609
Midgal, Joanna (Lady White).............................................636, 692
Making History: The Work of a Contemporary
Sundial Maker, lecture....................................................692
wearing hat in form of sundial.........................................693
Mignard, Nicolas and Pierre, painters.............................338
migration, Lancashire watchmakers to Coventry............473, 474
Miles, R. H. A. (Bob), obituary of Ronald Hugh Cook.....608
military timepieces
British Empire...............................................................544
British Military Timepieces, by Konrad Knirim,
reviewed.................................................................543-4
A Millennium Clock, lecture by Martin Ridout.................564
clock by David Hancock..................................................564
Miller, John, of Edinburgh, optician................................115
Miller, William Edwards..................................................812
portrait.................................................................812
Millroy, John, of Darlington, watchmaker, will.................41
Mills, Bernard, Kays of Worcester, lecture.........................117-18
Minerva, wheeled ebony clock...........................................823
Mitchell, Arthur...........................................................122, 689
Library Notes....112-13, 257-8, 393-4, 552-3, 693-4, 821
Mitten, Francis, of Chichester, lantern clock.....................168
mock pendulum (clock), see false pendulum
Monaldeschio, Gian Rinaldo.............................................495
monastery, Svaty Kopecek................................................189
Mones, Dr Richard..........................................................628
Monkhouse, of Carlisle
longcase clock, mahogany, moon phase in arch............13
de Monmort, M. (Henri-Louis Habert de Montmort)...i5·715
Monmouth, Duke of, cypher of?.................................864
Monnoyer, Jean-Baptiste...................................................500
monstrance clock (see also table clock)
Metrger, Jeremias, of Augsburg.................................823
Antiquarian Horology

924

Montre sympathique, Breguet, Abraham-Louis...............125

Moon dial (see also lunar indication).............................61-3

Moore, John and Sons, of Clerkenwell

turret clock, Birmingham, St Philip's Cathedral............704

Moore, Sir Patrick

inaugurated Greenwich Tompion replica......................608

portrait..............................................................608

Moore, William, of Birmingham, watch glass maker

administration.........................................................39, 41

Moorhouse, John, Mechanical Singing Birds,lecture.........831

de Morgan, Augustus..............................................651

Morgan, J. Pierpoint..................................................611

Morgan, Octavius ......................................................267

Morganw, Iolo, (Edward Williams)...............................90

Morice, David and William, of London

bracket clock, musical...............................................700

Morin, Gabriel, see Bernardin, Brother (of Ploërmel)

Moille, of Blois, enamel painter....................................331

Morris, Vernon................................................................269, 701, 837

Morrison-Low, Alison, The Development of the Barometer

in Scotland, lecture....................................................114-15

Moseley, Henry, FRAS..................................................651

Moser, George Michael ................................................397

Moses, Mordecai, of Lincoln, watchmaker, will..............41

Mossier, Jean, of Blois, painter....................................338

Motel, Henri, of Paris, table regulator, with orrery.......447

Mottram, John, of London, musical automata clock........609

moulding marquetry......................................................507, 508, 509

veered in ebony.........................................................381

movement maker's marks

GH, George Hewitt, of Prescot.....................................265

GH, George Holmes...................................................266

JH, Joseph Hewitt......................................................469

JP, Joseph Preston & Sons..............................473

JW, John Wycherley, of Prescot.................................265

M*M, (machine made), James Berry.............................469

Mudge, Thomas, of London

Huber-Mudge prototype chronometer.........................260

longcase clock................................................................6716-17

Mueller-Maerki, Fortunat E.........................................124, 130, 271

book review..............................................................543-6, 675-6, 795-809

extended review, Die Planetenlaufuhr.........................6713, 795-809

Murray, Carl, portrait...................................................611

Murrills, Edward, of London, watch spring manufacturer

will.................................................................35

museum

Amberley, Chalk Pits, visit to...................................567

Amsterdam, Rijksmuseum.........................................344

Asten, National Carillon Museum..............................795

Barnard Castle, Bowes Museum.................................29-30

Basel, Haus zum Kirschgarten.................................128, 260

Bedford.................................................................119

Birmingham, Museums Collection Centre.....................704

Bordeaux, Musee des Arts Decoratifs..........................697

Bratislava, museum of clocks.................................825-6

Budapest, Museum of Applied Arts..........................825-6

Chepstow..............................................................266, 267

Christchurch, Museum of Electricity..........................567

cider making...........................................................701

Coventry Watch Museum Project..............................558, 559

Dorset Clock and Cider Museum.................................701

Dresden, Mathematich-Physikalisch Salon....................797

Edinburgh, National Museums of Scotland..................396

Fleurier, L.U.C.EU.....................................................126

Geneva

Art and History........................................................258-9

Patek Philippe..128, 259, 289, 339-44, 477, 496, 497

Grafton, Mass., Willard Clock Museum.......................835-6

Grantham..................................................................546

Kidderminster, Railway Museum...............................560

La Chaux de Fonds

Musée International d’Horlogerie..............................128, 259, 346

Le Locle

Musée d’Horlogerie, Chateau des Monts......................128, 260

Le Brassus, Audemars Piguet.....................................130, 261

Leeds City...................................................................318-19

James Harrison longcase clock, 1727.........................429, 525-42

Leiden, Boerhaave.....................................................208, 210, 211

Le Sentier, Jaeger Le Coultre.....................................130, 260-1

Liverpool, Walker Art Gallery.................................64

London

British Museum........................................................97, 410-11

Hull Grundy gift.......................................................335

Sir Harry and Lady Djanogly Gallery.........................181-3

Science Museum......................................................133-4, 330, 742-3, 826, 827

Measuring Time Gallery............................................741-2

Victoria and Albert Museum......................................827

Moscow, Kremlin.......................................................344

Neuchâtel,Art and History........................................130-1, 260

New York, Metropolitan Museum of Art.....................496

Norwich, Bridewell....................................................320, 321, 322, 328

Oberhofen

Matter Foundation,

mechanical musical instruments.................................127

MUMM.................................................................127

Owermoigne, Dorset Clock and Cider Museum.............701

Oxford

Ashmolean, Watches in . . . reviewed........................104

Museum of the History of Science.........................262-4

18th-century auction sale catalogues.........................5723

Fromanteel, Ahasuerus, architectural longcase..............175, 230-47, 378-81

Paris, Louvre..........................................................336, 344, 346, 496, 497

Prague, Decorative Arts.............................................189

Saffron Walden, exhibition, Clock Works......................183

St Fagans National History Museum

(formerly Museum of Welsh Life).............................122, 266-7

Interesting Clocks at St Fagans, lecture by

Dr Sioned Williams and Emyr Davies.................122

Salem, Mass., Peabody Essex

sundial by William Bowyer........................................626-7

Seewen, Museum fur Musikautomaten........................128, 129

Taastrup, Denmark, Ole Romer................................210

Toulouse, Musee Paul Dupuy....................................336

Triengen, Muff tower clock museum.........................128-9

Upton Hall..............................................................609
museum, continued.

Vancouver, Maritime Museum.................................840-1
Vienna
City Museum, Harfenhaus.................................822, 830
Geymüller Schlössl..................................................824, 830
Kunsthistorisches Museum.................................822-3, 830
Viénot Le Lac, Musée de la Montre....................260
Winterthur
Gewerbemuseum..................................................259, 260
Museum Lindengut..................................................126
Uhrenmuseum Kellenberger.................................125-6
Zurich
Beyer Museum of Electrical Clocks......................125
Beyer Museum of Timekeeping.............................124-5
Schweizerisches Landesmuseum...........................125
Uhrenmuseum zum Rössli.....................................125
musical clock
Andriese, Klaas Johannes, of Grou
longcase with automata........................................124
anonymous..........................................................6715
American alarm....................................................404
Chinese, bracket, with automaton..........................711-12
Vienna regulator....................................................830
Barry, Thomas, of Oomskirk, astronomical table......64
Bilbie family, of Chewstoke.................................121-2
Borrell, Henry, of London.....................................25
Cox, James.............................................................699
comment by Jonathan Betts.................................848
Deacon, Samuel, of Barton-in-the-Beans..................364
Goodall, George, of Micklethwaita........................64
Guangzhou workshops, automaton.........................25
Jourdain, William, of London
bracket clock, silver mounted...............................188-9
Leigh, of Newton, longcase clock, mahogany, lunar....700
Morice, David and William, of London
bracket clock..........................................................700
Motttram, John............................................................699
Musical Clocks, lecture by John Phillips...............831-2
Norton, Eardley, of London, miniature bracket clock..435
Wicksteed, Edward, of London, walnut...................124
My grandfather’s clock, song..................................402
Mylon, Claude.........................................................202, 222, is 714, is 715, is 716
mystery clock, advertising McLaughlin Bros...........308

N
name-dial watch, Lepper, George, of Belfast, no. 104,
dial JAMESGRAHAM..................................................356
Nanteuil, Robert, engraver....................................489
Christine peut donner les Lois..................................490
Napoleon III, regulator made for...........................612
Narborough, John...................................................567
Nash, John, of London, watch bolt and spring maker, will..35
Nathan-Rupp, Renaissance clock collection...............128
The National Benevolent Society of Watch and Clockmakers,
letter from Elizabeth Gill.........................................568
National Physical Laboratory..................................82
Navy, Royal
day of seven watches.............................................565
use of chronometers and deck watches....................268-9, 270

nef or ship clock, Schlottheim, Hans.....................181, 182, 823
Nelson, Peter, of Durham.........................................634
Nevill, John, of Durham, watchmaker, will..............41
Nevitt, Thomas, of London, clock movement maker, will...34
Newbridge, trademark of Horstmann Gear Co. Ltd........410
Newby, William, of Kendal, clockmaker, will.............41
Newman, Richard, of King’s Lynn, watchmaker, will.....41
Newport Clocks Ltd.................................................410
Newsam, Bartholomew, of London
sundials mentioned in will......................................626
will.................................................................626
newspaper
Athenian Mercury, 1693...........................................632
Cambrian..........................................................758, 759-60
Mercurius Politicus, 1658-60.................................27, 619, 620, 630, 747
Newton, Edward, of Grantham, longcase clock...........546
Nicolle, Adolphe.......................................................261, 268
escapement, constant force..................................261, 268
Nicolle and Capt......................................................261, 268
Nicolle, Charles......................................................262, 268
Nicolle, David, patent, constant force escapement........261
Nicolle, Nielsen and Company
Nicolle Nielsen – The Maker’s Maker,
lecture by Tony Maragna....................................261-2
watch, no. 4081 (Durrant & Son)..............................7
Watches, Speedometers and Car Clocks of Nicole Nielsen,
lecture by Tony Maragna........................................268
Nicolle, Zelia Louise....................................................261, 262, 268
Nielsen, (Sophus) Emil............................................261-2, 268
patent, up-and-down indication...............................262
watch (Durrant & Son no. 4081).............................7
Nielson, Harriet Victoire.........................................268
night silencing...........................................................698
night watchman’s clock (see also noctuary; tell-tale clock)
Dexet, portable..........................................................829
Paris maker.............................................................840
Nightingle, William, of Clerkenwell, clock and watch
spring maker, will.......................................................35
noctuary (see also night watchman’s clock; tell-tale clock)
Whitehurst, of Derby...............................................791
from Heathcote’s mill, Tiverton...............................704
‘Noon day stone’, Horsley........................................623-4
noon mark.............................................................628
Norland Clock Co. Ltd..............................................411
Norman, Charles W., of Southampton......................224
North and Sons Ltd., of Watford.............................262
North, Bernard
Chinese Clocks, letter.............................................844-5
The Secret of Ploërmel:
Brother Bernardin’s Astronomical Clock..................783-90
North, Robert Benson.............................................262, 268
Northallerton
A concise guide to the clockmakers of Northallerton
and their clocks, by Dr David F. Severs, reviewed......547
Northern Section, see AHIS, Northern Section
Norton, Eardley, of London
bracket clock, miniature musical............................435
"Not a Bad Timekeeper: the English Lantern Clock in the
Seventeenth Century", by Sir George White..............585, 621-36, 692-3

VOLUME THIRTY-ONE
Notes

A Clock Dial by Thomas Elmes, by Jeff Darken..................659-61
Watches – a pamphlet by J. B. Thomas,
by Andrew James..................................................223-9
A Welsh Clock Club in 1812, by William Linnard...............88-91
NPL (National Physical Laboratory)...................................82
Nullo Inhibente
inscription on stolen Langley Bradley bracket clock.......856
numbering of clocks
The Deacon Family – The Numbers Game,
by Colin Andrew..................................................361-8
Nye, James...........................................................690, 820
lecture report......................................................272, 406, 567, 841-2
portrait.................................................................609
visit report..........................................................133-4, 702
Nye, James, and David Rooney
IEEE Life Members’ Prize in Electrical History.................740

O
obituary of
Ball, Martin, 1945–2008..............................................176-7
Barratt, Malcolm, 1918–2008.......................................316
Cook, Ronald Hugh, 1914–2009..................................608
Watson, Eric, 1927–2009...........................................316
Wood, Peter, 1935–2009...........................................559
observatory
Abbadia Chateau-Observatory.........................................698
Armagh, visit report..................................................123
Edinburgh, Calton Hill...............................................264
Greenwich, Royal Observatory....................................406
Greenwich Observatory Chronometer Records,
lecture by Peter Linstead-Smith..........................268-9, 269-70
Tompion replica clock...............................................608-9
Neuchâtel...............................................................83
Paris............................................................................71, 72, 409-10
Washington, United States Naval....................................72, 83
observatory five-seconds marks..............................169, 299
Observatory Time by Radio: 1901 to 1970,
by David Read.......................................................65-87
Oechslin, Ludwig, Tuerler Clock..................................125
Ogden, James, of Soylend, longcase clock....................6718
Ogden, Thomas, use of Halifax moon..........................836
oliebollen...............................................................405
Oliver, John, of Manchester
longcase clock, padouk, lunar indication.......................52
Oliver, Richard, of London
silver watch case for Geo. Prior no. 26820..............437
Oliver, R.J. (Dick), of London, watch case maker...............398
Oostrom, Anthonie van, of Amsterdam, table clock.........404
orchestration........................................................127
Orfèvre, Dubié, of Paris, enamelled painter..................332
Orme, John, of London, watch chain maker, will..........37
ornament, attached to Swiss pocket chronometer.........570
Ornament Identified, letter by Stuart Malin..................712
orrey
Armagh, human orrey................................................123
Motel, Henri, of Paris, table regulator..........................447
Ploërmel clock........................................................789-90
Osborn, Thomas, of Clerkenwell, watch case maker
will.................................................................39, 42
Osler, Abraham Follett..............................................704
Ottoman market, English Clockmakers in the Ottoman and
Chinese Markets 1580–1815, lecture by Ian White........113-14
Oughtred, William....................................................629
Oursain, Nicholas...................................................399
Overton, Ruth and Hugh...........................................271
Owen, John, of Llanrwst...........................................52
longcase clock, unusual dial..................................270-1
Owen, Watkin, of Llanrwst, clockmaker, will........39, 42
owner’s name (see also name-dial watch)
on lantern clock, 1692.............................................157
Oxford, museums see museum

P
Packard, James Ward...............................................387
Packer, Charles, of Reading, watchmaker, will..............42
Paddington, Richard
letter soliciting support for BWCC..........................646, 647
Page, Michael, lecture report.....................................117-18
painted dial, see dial, painted
painting, see portrait of
pallet, diamond, John Harrison, H4, investigation........5723
Palmer, Dudley, FRS...............................................752-4
Palmer, Richard, of Clerkenwell, gold watch case maker
will.................................................................36
pamphlets
Piaget, H. F., The Watch...........................................223
Tunks, David, The English Lever Watch.....................223
Watches – a pamphlet by J. B. Thomas........223-9
Pannell, Hugh, of Northallerton................................547
longcase clock..........................................................547
Panell (PANNELL), barometer.....................................547
Pannell, Joshua, of Northallerton.............................547
Pape, William, of London, clock case maker, will...........34
Pardo, Edward..........................................................157
Paris, Nicholas, of Warwick, turret clock.................704
Parker, Jon, demonstration........................................117
Parker, Ken..............................................................28
Parker, Thomas, of Warrington, watchmaker, will........42
Parker, William, of London, clock case maker, will........34
Parke, Daniel, Dawson, Drover & Early English Clocks...615
Parfianan, Richard, of London, watch case joint finisher
will.................................................................35
Parnell, Thomas, of Canterbury, watchmaker, will........42
Parr, Thomas, (1483?–1635)......................................622
Parr, William George Lucas, of London, watch cap maker
will.................................................................35
Parrott, Richard, of London, watch spring maker, will....35
Parry, Jack, portrait of..................................................82
Pascal, Claude, of The Hague...................................221
Passe, Crispin de, engraver.........................................334
Patek, Antoine Norbert de...........................................386
Patek, Philippe & Co. (see also museum, Geneva)
Naviquartz marine chronometer.................................828
Patek Philippe in America, by John Reardon
reviewed.............................................................386-7
pendulum, false, see false pendulum

pendulum suspension
adjustable, Aldworth, Samuel, of Oxford, longcase ...737

crossed springs..........................837

Penney, David..........................224, 262, 452, 747

Dial Painting is a Modern Addition, letter.............273

The Earliest Pendulum Clocks: A Re-evaluation........614-20
letter from Andrew King..................845-6

Eton Roberts: the Greatest Horological Collector of All,
lecture........................................826-7

Pepys, Samuel, diary entries..........................682

Percy Dawson Medal, 2008, Sebastian Whitestone........393

Perelle, Gabrielle, engraving

Landscape with Frolicking Shepherds............488, 489

Perivale Clock Manufacturing Co. Ltd..............411

Perivale, trademark..................................411

Perks, Alan........................................560

Perry, Kevin, Wood, lecture...............................700-1

Perris Recognises Chariclea, depicted...............339, 341, 343

Peschel, Peter, of Bordeaux............................697

Peters & Co., of Dublin..............................360

Petit, Pierre........................................202, 757-15

Petitot, Jean, enamel painter..........................332, 487

Petyr, Joseph, of London, watch tool maker, will....38

Pfandler, Engelbert and Jenny.........................824

Pfeiffer, Anton, lanterndluhr...........................824

Philippe, Jean-Adrien...................................386

Phillips, John, Musical Clocks, lecture.................831-2

Phillips, William, of London, watch case maker, will...36

Pickford, Chris, tour report, Birmingham.............703-5

picture clock.......................................124

Picture Gallery

A 30-Hour Clock with Alarm, signed 'Edward Sidwell
Londini'..............................................96-7

An Early Seventeenth Century Lantern Clock
signed 'William Bouyer Fecit'..........................92-5

John Harrison's 1st Marine Timekeeper H1.............662-72

Longcase Clock by Abasuerus Fromanteel,
c. 1660.............................................230-47, 378-81

A 'Painted Dial' Watch

movement by Charles Marlow of Coventry...........98-101

Dial Painting is a Modern Addition,
letter from David Penney.........................273

signed Robt Walton, London..........................1, 102-3

'Pendulum - Clock' signed 2nd, James Harrison
Barrow 1727.......................................429, 525-42

A Tell-Tale Clock Signed Ja-Whitelaw, Edinburgh.....791-4

Two Early Three-Train Clocks by Joseph Knibb........369-77

Edward Barlow and Repeating,
letter from John Robey............................848-9

Pilkington and Gibbs, heliochronometer................120

pillar and scroll clock.............................708

pillar, watch, Egyptian............................187

pillars, latched......................................47

pinion, five-leaf, Fromanteel, Abasuerus, longcase clock...244

pinion of report, Fromanteel, Abasuerus, longcase clock...244

pinion, roller

Harrison, James, of Barrow, longcase clock, 1727........540

piqué pins...........................................395

Pitkin brothers, of Hartford..........................640

patent
Coster, Salomon, of The Hague.................5714

Ganter, Wolfgang......................................86

Hilberg, Wolfgang....................................85

Huygens, Christian....................................202, 221

Ingold, Pierre Frédéric..............................641

Nicole, Adolphe, constant force escapement........261, 268

Nicole, David, constant force escapement.............261

Nielsen, Emil, up-and-down indication..............262

Taylor, John, of Ashton-under-Lyne..................44

Terry, Eli, 1816 and 1823............................708

Tobias, Morris, of London, ship's bells time...........565

Payne, George, of Ludlow, watchmaker, will...........42

Payne, Richard, of London, watch case maker, will...36

Payne, William, of London

mantel timepiece, black marble and ormolu...........165

Payne, William, of London, watch finisher, will........36

Peate, Dr Iorwerth C..................................122

Peck, Epaphroditus....................................709

Pegler, Alfred, of Southampton.......................223

Pendleton, Richard, of London, watch, lever, repeating...437

pendule sympathique, Breguet, Abraham-Louis........125

pendulum
cheeks, cycloidal.................................202, 204, 205-7, 211, 222
cursor weight used by Huygens...........205, 207, 5717-18
in front of dial....................................127
influence of two on each other, Tompion, Thomas...5723
Precision Pendulums, lecture by Douglas Bateman....553-4
slot below dial possibly to start......................615

pendulum, compensating (barometric)
Bartram.............................................836

Poole, David, wall regulator.........................836

pendulum, compensating (temperature)
Berthoud's, by Charles-Guillaume Hauchar of Paris....171

Ellicott's, longcase regulator.........................432-3

gridiron
Lepaute, of Paris, table regulator.....................735

Motel, Henri, of Paris, table regulator...............447

Vulliamy, Benjamin, of London, no. 220...169, 298-9

mercury..............................................267

Desbois, of London, no. 13986..........................15

Henessy, of Swansea, longcase regulator.............3

wood rod
Vulliamy, Benjamin Lewis, of London, no. 988, 588-9

Vulliamy, Benjamin Lewis, of London, no. 1882...843

pendulum, compound
experimental skeleton clock, early 19th century......605

Poole, David, table regulator.........................837

pendulum, conical.....................................222

pendulum, early development of
The Earliest Pendulum Clocks: A Re-evaluation,
by David Penney.................................614-20
letter from Andrew King............................845-6

The Identification and Attribution of
Christian Huygens' First Pendulum Clock,
by Sebastian Whitestone.........................149, 175, 201-22
letters...........................................5714-19

The Inventor and the Instrument Maker:
Early Communications in the Development of the
Pendulum Clock, by Rebecca Pohancenik...........747-56
Poole, David

Antiquarian Horology – clues to the future, lecture 836-7

free-standing regulator, with perpetual calendar 837

table regulator

chronometer escapement, month duration 836

with compound pendulum 837

remontoire, two week duration 836

six month duration 836

wall regulator

lunar indication and barometric compensation 836

lunar indication of high accuracy 836

lunar indication, with ball 836

Poole, George, of London, lantern clock 587

Poole, John, of London, chronometer, marine

Harris, sprung by Poole 736

no. 2599 590, 86728

no. 2867 14

Porter, Edward 707

Porter, Levi Goodwin 707

Portescaip, time signal receiver T75A 83-4

portrait of

Amstutz, M 260

Armitage, Geoffrey 609

Barnes, Hugh 609

Baskerville, Brian 611

Bernardin, Brother of Community of Ploërmel 784

Bets, Jonathan 453, 609, 611, 820

Cardew, Mike 609

Caslon, William 655

de Clercq, Dr Peter 552, 609

Dennison, Aaron Luftin 638

Doke, Richard, of Prescot 473

Dorsch, Martin 611

Drebbel, Cornelius 751

Ducretet, Eugene, on stamp 71

Egan, Bob 609

Ende, Hans van den 406

Essen, Louis 82

Fergusson, Colin 609

Ferrié, Gustave 71-2

Fogarty, L. F 74

Frodsham, William James, of London 646

Glennie, Paul 813

Hall, Sir Benjamin 685

Haward, Stella 609

Heeh, Rafael 611

Hofer, Daniela 611

Hope-Jones, Frank 74

Hurst, Michael 609

Ingold, Pierre Frédéric 640

King, Andrew 609

Klein, Rene 74

Law, Rodney 609

Linstead-Smith, Peter 609, 611, 819

Lloyd Jones, Kenneth 609, 820

Loomes, Robert 609

McKay, C. G (Chris) 685

McMichael, Leslie 74

Marconi, Guglielmo 67
portrait of, continued,
Maria Teresa.........................................................332
Medici, Cosimo I de’..............................................742-3
Mercer, Thomas, of London.................................471
Midget, Viscount (Alan).........................................609
Migdal, Joanna (Lady White).................................693
Miller, William Edwards.......................................812
Moore, Sir Patrick..................................................608
Murray, Carl............................................................611
Nye, James.............................................................609
Parry, Jack..............................................................82
Powell, Edward......................................................609
Pulley, Robert.........................................................611
Quinn, Robert.........................................................740
Randall, Anthony G.................................................820
Read, F. O...............................................................73
Rowland, Mrs..........................................................611
Shenton, Ken...........................................................609
Simon, Antoine.......................................................250
Skidmore, Robert...................................................742
Snelling, Richard....................................................609
Stenning, Richard...................................................611
Stevenson, Mary.....................................................611
Stevenson, Roger....................................................611
Taylor, Martin.........................................................609
Ten Hoeve, Johan...................................................608
Thompson, David..................................................812, 819
Thrift, Nigel............................................................813
Treffry, Timothy......................................................609
Treherne, A. A. (Alan)...............................................609
Vulliamy, Benjamin Lewis......................................646
White, Sir George and Lady....................................693
Whyte, Philip..........................................................611
Wright, Jan..............................................................609
Portsmouth, block-making machinery......................329
posted-frame longcase movement
Debnam, Lawrence, of Frome, 8-day........................659
Knibb, Joseph.........................................................369-77
Postle, David..........................................................560
Potter, Christopher, of London, watch gilder, will.....37
Potts, W., of Leeds, turret clock
Balderstone............................................................702
Leeds Town Hall.....................................................271-2
Mitton.................................................................702
Smarden, St Michael’s church................................132
Poule, Emmanuel.....................................................797, 798
Poulson, Thomas, of London, watch motion wheel maker will.....................................................38
Powell, Edward........................................................117
portrait...................................................................609
Power, Father John..................................................703-4
Powley, Robert, of Appleby, clockmaker, will...........42
Prangins time service...............................................83
Pratt, Derek............................................................610
death of announced...............................................740

Pratt, Derek, continued,
*A reproduction of H4, St Roche’s lecture, 2008*........28-9
*St Roche’s Lecture Report, letter*.............................273
precision timekeeper, see chronometer; regulator; timekeeper, marine
Prescot, horology in................................................637
Presgrave, David
lecture and meeting reports...................................268-9, 401-2, 562-4, 700-1
*The Willard Family, lecture*......................................835-6
Preston, Joseph & Sons, of Prescot............................457
movement maker’s mark JP....................................473
trade card..................................................................475, 476
workshop..................................................................473, 474-5
Prew, Benjamin, of Didcot, longcase clock..............401
Price, Derek de Solla...............................................675
Price, J., Deacon workman......................................780
Priestley, Jean.........................................................566
Priestley, Philip.......................................................690
*Captain Cook, Venus, and a Great Discovery, lecture*....566
*History of English Watch Cases and their Makers,* lecture.............................................................397-8
Prince, Charles (see also Princes).............................272
Prince’s Electrical Clocks.........................................272
Princes
electric clock..........................................................134
pendulum..................................................................134
‘Princes New System’ master clock..........................272
Prior, George, of London
lantern clock..............................................................444, 467-30
watch, no. 26820, half-quarter repeat, Emery lever ....437
*Prize for Article on Introduction of Standard Time in Britain*............................................................740
prize watches, Swiss.................................................545
protectionism..........................................................639, 644
Ptolemy.................................................................622
time of planetary motion.........................................798
Puga, pneumatic clock.............................................563
Pugh, Benjamin, of London, watch gilder, will...........37
Pulley, Robert.........................................................610
portrait...................................................................611
Pybus, Harry, of Prescot..........................................473, 476

Q

Q, in oscillators..........................................................553
*Quaker Letters to a Watchmaker*, by William Linnard.....454-6
Quare, Daniel, of London
barometer, ivory portable pillar..............................174
clocks showing solar time.........................................633
longcase clock, marquetry case...............................823
longcase clock, marquetry case, month duration........823
quarter chiming, see chiming, quarter
quarter striking, see striking, quarter
quartz clock
development of.....................................................81, 406
Patek, Philippe & Co., *Naviqurartz* chronometer........828
Quill, Colonel Humphrey..........................................695, 696
Quinn, Robert.........................................................318
awarded Student Bursary........................................740
portrait of...............................................................740
rack striking, see striking, rack
Radage, Dennis
The Charles Gretton Project
October 2008, letter...............................................275-8
January 2009, letter................................................411-15
November 2009, letter...........................................849-50
section report.......................................................840-1
radio controlled timekeeping
Junghans, clock and watch........................................558
Observatory Time by Radio: 1901 to 1970,
by David Read.......................................................65-87
radio receiver, crystal set, Stockall & Marples, 'Big Ben'...65-6
Radio Society of Great Britain.....................................74
Radiola (Radio Paris)...............................................78-9
Rafferty, Nigel..........................................................516
Raillard, C., of Paris, watch, enamel-cased with diamonds,
radio controlled timekeeping
scenes from Aethiopica...............................................344-5
railway clocks
GWR........................................................................559-60
Highland....................................................................560
Midland.....................................................................560
Rainieri, Giovan-Paolo, planetarium............................795
raising, of watch cases..............................................829, 830
Ramsay, David, of London.........................................562
Ramsden, Jesse, stick barometer..................................15
Randall, Anthony G.
For your further reading...........................................138-9, 417-18
portrait.................................................................820
Rapley, Prof. Chris.....................................................741
Rawley, Robert, of Clerkenwell, watch case joint finisher
will.............................................................................35
Raynsbury, Ann..........................................................266
Read, David
Observatory Time by Radio: 1901 to 1970.................65-87
Pneumatic clocks, lecture..........................................562-3
The Princeps System, lecture with Tim Voore............272
Read, F.O. ....................................................................73-4
portrait of..............................................................73
Read, John, of Bishop's Stortford
lunette clock.............................................................628
sundial......................................................................628
Read, Matthew...........................................................29-30, 230, 274
Conservation of the Oxford Pamantel, lecture.............263-4
Readin, John, Patek Philippe in America, reviewed.....386-7
Recording Techniques, Sound Vibrations and,
lecture by Mark Gray.................................................554
Recordon, of London
bracket clock, Susannah and the Elders......................15
Recordon, Louis, of London, regulator, longcase.........123
Redfern, John.........................................................28
animation of Rochat pistol.........................................259
Rees, Martin (Lord Rees), PRS....................................181
Reeve, William, of Spalding
lunette clock..................................................166, 304, 444, 598, 6730
regulator
astronomical dial.....................................................596
Collins.....................................................................698
Dent, of London......................................................698
regulator, continued,
Fergusson, of Cupar, replica.....................................697
Frodsham, Charles, of London.................................612
Stewart, pendulum, electrically driven.....................265
regulator, free-standing
Poole, David, with perpetual calendar.....................837
regulator, longcase
Allen, C. A., of Cardiff.............................................267
Bloxam, J. M., gravity escapement............................742
Buchanan, Thomas..................................................123
Cope & Molyneux, of London.................................742
Crostwaite, John, of Dublin.....................................123
Desbois, of London, no. 13986, mahogany................15
Earnshaw, Thomas, of London.................................123
Ellicott, of London..............................................699-700, 848
mahogany month going........................................432-3
Graham, George, of London, walnut, month going......150
Hennessy, of Swansea...............................................3
Recordon, Louis, of London......................................123
Shelton, John, of London.........................................123
Smith, J. & Sons, Clerkenwell...................................3
Vulliamy, Benjamin, of London
no. 220, mahogany, month duration.....................169, 298-9
regulator (of watch), Bosley pattern........................101, 103
regulator, table
Berthoud, Ferdinand, of Paris..................................836
Evans, of Birmingham..............................................836
Funnel, Edward, of Brighton....................................836
remontoire..............................................................836
Hubert, of Paris......................................................124
Lepautre, of Paris, solar time and remontoire............735
Motel, Henri, of Paris, with orrery.........................447
Poole, David, long duration with complications..835, 836
regulator, wall
Poole, David
lunar indication and barometric compensation........836
lunar indication of high accuracy..............................836
lunar indication with ball........................................836
Reid, Thomas.............................................................224
remontoire
Bürgi, Jobst, astronomical clock..............................823
Funnel, Edward, of Brighton, table regulator..............836
Lepautre, of Paris, table regulator.............................735
Poole, David, table regulator....................................836
Renton, John.............................................................330
repeat, half quarter, by
Prior, George, of London, watch no. 26820.............437
repeat, hours, by
Adamson, John, of London, ebony bracket clock........428
Dent, of London, no. 23712, giant carriage clock.......288
repeat, minute, by
Durrant, J. J. & Son, of London, watch no. 4081........7
Lefrand, of Paris, carriage clock, giant calendar.........158
Vacheron & Constantin, Geneva, wrist-watch............612
repeat, quarter, by
Bergier, L., le Jeune, of Paris, mantel clock,
ornolu, cross-beat escapement, grande sonnerie........555-6
Ferci, Antonio, table clock........................................837-8
Gobert, Peter, of London, longcase clock...............161, 303
Graham, George, of London, bracket clock.............152-3
repeat, quarter, by, continued,

Gretton, Charles, of London
bracket clock movement........................................................................850
Knibb, John, of Oxford
bracket clock, ebony, strike/silent.........................................................292-3
Knibb, Joseph, of London.........................................................................517
bracket clock, ebony veneered, phase III................................................18
Martin, William, of Bristol
bracket clock, burr yew, basket top..........................................................431
Rogers, Isaac, of London, watch..............................................................310
Rose, Joseph, & Son, of London, bracket clock........................................21
Seddon, Matthew, of London, bracket clock............................................19
Tompion, Thomas, of London, bracket clock
no. 260, ebony.........................................................................................26
no. 271, brass inlaid..................................................................................25, 148
Tompion, Thomas, of London, bracket timepiece.....................................517
no. 48, ebony............................................................................................2
no. 53, ebony (stolen)................................................................................6729, 856-7
Watts, Brounker, of London, bracket clock...........................................517-24
Webster, William, of London, bracket clock...........................................738
repeat, quarter, mechanism attributed to
Knibb, Joseph.........................................................................................517, 521, 522
Tompion, Thomas, of London...............................................................517
An Early ‘Silent Pull’ clock with gathered rack
by Brounker Watts, c. 1695, by Phillip Arnott........................................517-24
with gathered rack for hours
Kirk, Joseph, of Nottingham.....................................................................517
Maddock, Randle, of Leek.......................................................................517
Watts, Brounker, of London.....................................................................521, 522, 523
with gathered rack for quarters
Windmills, Joseph, of London.................................................................524
hammer lifting arbor pumped.................................................................520, 521-3
order of hours and quarters....................................................................520
push-pull, Knibb, Joseph, of London, bracket clock..............................18
repeat, unspecified, by
Fennell, Richard, of Kensington
bracket clock, burr yew, alarm...............................................................297
Sarton, Hubert, of Liège, mantel clock.....................................................313
repeat, using rack
Edward Barlow and Repeating,
letter from John Robey...........................................................................848-9
repivoting.....................................................................................................395
repoussé case
Harper, William, of Antrim
no. 156, silver, scene from Revelation....................................................186
The Rescue of Theagenes and Chariclea, depicted....................................340, 342
research request
Ganczarzyk, J., David Forster of Dublin..................................................571
restoration..................................................................................................407-9
Frodsham & Co, recent work.................................................................611
Fromanteel, Ahasuerus,
‘Oxford’ longcase..................................................................................262-4, 273-5, 407-9
Gillett and Johnston, of Croydon, master clock.......................................564
Harrison, James and John
grasshopper escapement.......................................................................536, 540
parts of 1727 longcase.............................................................................538, 539, 540
Japy Frères movements.........................................................................396
Marble Clock Case Restoration,
lecture by Brian (Sid) Lines....................................................................267-8
restoration, continued,
Painted Dial Restoration, lecture by David Buxton...............................116
The Pocket Watch: Restoration, Maintenance, and Repair,
by Christopher Barrow, reviewed......................................................676-8
Pocket Watches, by Ian Beilby, reviewed.............................................678-9
The Restoration of an Abused Aron Electrical Clock,
lecture by Brian (Sid) Lines....................................................................841-2
Turret Clock Restoration, lecture by Philip Irvine..............................116-17
Revolutionary Time clock, Bisson, of Paris..........................................405
Rhys, Morgan John...............................................................................454
Ricardo, John Lewis, support for Ingold.................................................649
Rice, George, of Coventry.....................................................................559
Rice, Roy, The Bilbie Dynasty, lecture....................................................121-2
Rich, Thomas, of Chatham, watchmaker, will....................................42
Richards, Gideon, of New England.......................................................707
Richards, James, of London, watch case maker, will.............................36
Richards, John, of London, watch chain maker, will..........................37
Richards, Robert, of London, lantern clock..........................................444, 598, 6730
Richards, William, of London, clock and watch chain maker, will...........34
Richardson, Edward, of London, watch engraver, will..........................36
Riddlesden, William Vanhadsonk, of London,
watch spring maker, will....................................................................35
Ridout, Martin..........................................................................................689, 690, 835
A Millennium Clock, lecture....................................................................564
Website News................................................................................................694
Riley, Bakewell
Deacon apprentice.....................................................................................777-8
Deacon movement by................................................................................778
Rippon, Richard, of London
repeating work by....................................................................................437
signature, scratched, 1798.......................................................................437
Riste, Joseph, apprentice of Samuel Deacon..........................................774-5
30-hour longcase movement....................................................................774-5
Ritchie, Frederick James, of Edinburgh, electric clock..........................264-5
Robb, William, of Montrose, barometer...............................................115
Roberson, Paul..........................................................................................613
Roberts, of Otley.......................................................................................30
Roberts, Evan............................................................................................452
Ewan Roberts: the Greatest Horological Collector of All,
lecture by David Penney........................................................................826-7
Roberts, Ken.............................................................................................706
Roberts, R.E., of Canterbury..................................................................132
Roberts, Samuel, of Llanfair Caereinion, clock club.............................88
Roberval, Giles-Personne de..................................................................5716
Robey, John A.
book review.......................................................................................105-6
Edward Barlow and Repeating, letter.......................................................848-9
Longcase Clocks from the North of England,
lecture......................................................................................................561
The Lost Secrets of 18th Century Clockmakers,
lecture......................................................................................................553
meeting report.........................................................................................398-9
Robins, Samuel, of London, watch gilder, will.....................................37
Robinson, Francis, of London, bracket clock, ebonised..........................15
Robinson, Ken..........................................................................................29
Robinson, Richard, Archbishop of Armagh............................................123
Robinson, T.R. (Robbie)..........................................................................399
Robotham, Charles, of Leicester, watchmaker, will..............................42
Rochat Frères, pistol, singing bird............................................................259, 831
Rock, Hugh, Church Clocks, reviewed ........................................ 674-5
Rogers, Isaac, of London watch, gold pair-cased verge ¼ repeating ........................................ 310
Rohrau birthplace of Haydn .................................................. 823
chateau ................................................................. 823
rollers, anti-friction Fromanteel, Ahasuerus, of London longcase clock................................. 239, 240, 262, 263
rolling ball clock...................................................................... 756
Margraf, Christoph, of Prague........................................ 823, 830
Rooney, David ............................................................. 690, 692
Ruth Bevillé: The Greenwich Time Lady, reviewed .............. 248
Rooney, David, and James Nye

Royal Astronomical Society
Harrison, John, regulator clock.............................................. 556-7, 834-5
Royer, A.J. ........................................................................... 208, 210
Russell, Charles and Thomas, of London, clock case makers .... 33
Russell, John, of Falkirk
barometer ........................................................................... 115
barometer, stick .................................................................. 697
longcase clock ...................................................................... 697
watch, seconds beating .................................................. 386
Russell, Lord John ............................................................... 650
Russell, Thomas, of London, clock case maker .......... 31-3
family and estate of...................................................... 32-3
trade card............................................................................. 32
will ......................................................................................... 32-3, 34
Rust, village ........................................................................... 823
Ruston, James H. .................................................................. 119
demonstration of old tools .................................................... 117
Ruvigny, Marquis de ................................................................ 746
Sabine, Captain Edward ..................................................... 742
Sabrier, Jean-Claude .............................................................. 210-11, 222
Sächsiliütze ............................................................................. 124
Sadeler, Markus Christoph, engraver
Landscape with Goatherds .................................................... 350-1, 352
St Johns, Newfoundland, Signal Hill ..................................... 67
St Louis, World Fair, 1903-4, floral clock ...................... 563
St Paul’s Cathedral, sundial and clock ................................. 624
St Roche’s horological lecture
2008, A reproduction of H4, by Derek Pratt .......................... 28-9
letter from Derek Pratt with corrections ............................. 273
2009, Autonomy – the reality behind the dream ................. 610-12
advertised ............................................................................ 421
Salem, Mass., timekeeping in seventeenth century ............... 626
Salem, of Germany, unusual striking work ......................... 565
Salisbury Cathedral clock .................................................. 399
Samuel Deacon and Apprentices, by Colin Andrew and W. John Thornton .................. 769-82
da San Friano, Maso, artist .................................................. 742-3
Sanders, Nick, Electric Clocks, lecture ................................. 264-5
Sanderson, John, of Kirkbride, longcase clock, 30-hour ......... 698
Sanderson, John, of Wigan .................................................. 422
Sanderson, Nicholas ............................................................. 556
Sanderson, Robert, of London
longcase clock, mahogany, moon phase ................................ 6727
Sandham, Gareth .................................................................. 699
Sandiford, James, of Manchester, longcase clock ................. 52-3
Süding, Helmut (see also Poulle, et al.) ................................. 797-8
Sandon, Viscount, (Dudley Ryder, 2nd Earl of Harrowby) .... 650
Sangamo Weston
electrical timer with sunrise and sunset .............................. 828-9
Sarrabat, Charles, of Paris, watch, enamel case ..................... 496
Sarton, Hubert, of Liége
mantel clock, portico, pull-repeat ........................................ 313
Savage, Richard, of Much Wenlock, lantern clock, 1692 .... 157
Save, Brian de, see de Save, S.B. (Brian)
Scalé, Bernard, of Amsterdam
watch, no. 615, night and day .................................................. 839-40
Scarr, Charles, of London, engraver .................................... 28, 612
Schardin, Joachim (see also Poulle, et al.) ............................... 798
schippertje ............................................................................ 124
Schlotheim, Hans, nef or ship clock ...................................... 181, 182, 823
Schmidt, Ernst ....................................................................... 801
Schmidt, Harvey, collection .................................................. 308
Schöner, Andreas .................................................................. 797
Schut, Robert J.
For your further reading ..................................................... 137-8, 416, 571-2, 851
The Scientific Anchorite – Johnson Jex the Norfolk Clockmaker: the story of his unique lathe, by Donald J. Unwin and David W. Durst .................. 320-30
scientific instruments, engraving, 1671.................................. 209
Scobie-Youngs, Keith ............................................................ 698
Cumbria Clock Company, lecture ........................................ 264, 399-400
The Theory, History, and Development of Auto-Winding, lecture ................................................. 827-8
Scotland
The Development of the Barometer in Scotland, lecture by Alison Morrison-Low ................................. 114-15
Scott, William Caleb, watch case maker, mark W.C.S.... 470-1
Scottish Section, see AHS, Scottish Section
screws
Thuret, Isaac, of Paris, wall clock .......................................... 220
Scudéry, Georges de, dramatist ........................................... 490
Alaric, ou Rome vaincue ........................................................ 491
Scudéry, Madeleine de, dramatist ......................................... 490
Artamene, ou Le Grand Cyrus .............................................. 490, 491-4
sea clock, see timekeeper, marine

ANTHIQUARIAN HOrOLOGY 932
The Secret of Ploërmel: Brother Bernardin’s Astronomical Clock, by Bernard North..................................................783-90
Seddon, John, of London
spring clock, double rack striking........................................566
Seddon, Matthew, of London
bracket clock, ¼ repeating verge........................................19
Seguier, Pierre........................................................................5715
Seignior, Robert, of London, watch........................................376, 397
Seit, John............................................................................659
Seif, Sebastian......................................................................502
Severs, Dr David F., A concise guide to the clockmakers of
Northallerton and their clocks, reviewed................................547
Shakespeare, William, timekeeping reference......................622
Sharmanka Kinetic Gallery/Theatre, Glasgow.....................115-16
shelf clock
Burse and Mallory, rolling pinion........................................401
Leavenworth, Mark................................................................308
pillar and scroll...................................................................708
Shelton, John, of London, regulator, longcase.....................123
Shenton, Dr F. G. A. (Alan)
Dr Alan Shenton Award, 2008, Alun C. Davies.....................393
Shenton, Ken..........................................................................690, 826
AGM 2009.............................................................................112, 256
AGM 2010.............................................................................818
Cdr Peter Linstead-Smith OBE RN......................................256
Chairman’s Report, 2009......................................................689-90
Hans van den Ende................................................................257
The Harrison Medal.............................................................818-19
Increase in Subscriptions......................................................112
lecture report......................................................................269-70, 402-3
The New Editor of Antiquarian Horology.............................552
portrait..................................................................................609
Visit to Upton Hall................................................................609
Shephard, William, of Millom
longcase clock, lunar indication...........................................48-50
Shepro, Justice Warren, collection.....................................95
Sherway, William, of London, watch case maker, will..............36
Sherwin, John
of Burton-on-Trent.............................................................781
Deacon apprentice...............................................................781
ship’s clock
Frodsham, Charles, nos. 920, 936, 1853..............................568
Magneta Time Company......................................................134
Striking Ship Clocks, lecture by Miles Campbell..................564-5
short duration
appropriate for early clocks..............................................624
East, Edward, of London, alarm timepiece.........................616-17
Sockfirth, Benjamin, of Diss, lantern clock...........................699
Sibthorpe, Col.................................................................650
sidereal and mean time clock
Viner, J., of Walsh, Newbury.................................................742
Sidwell, Edward, of London, 30-hour alarm clock................96-7
Siemens and Halske, Wheatstone bridge.............................555
Signac, Pierre, enamel painter............................................477, 480, 495, 496
The Judgement of Paris..........................................................479
La Vierge à la Rose...............................................................481
letter requesting payment....................................................480-1
miniature of Maria-Euphrosyna............................................479
Queen Christina.....................................................................481
signature
Chinese, imitation of English...............................................711-12, 844, 845
Deacon family......................................................................362, 363, 364, 367, 368
East, Edward, of London....................................................615
Fromanteel, Ahasuerus, longcase clock, Oxford....................232
Gretton, Charles, of London................................................276, 277
Harrison, James, longcase clock, 1727..................................534
Knibb, Joseph, of London......................................................371
Knibb, Joseph, of Oxford......................................................371
Rippon, Richard, of London, scratched................................437
Watts, Brounker, of London................................................520, 521
Signature on an 18th Century Chinese Clock,
letter by Robert Kools........................................................711-12
reply by Bernard North......................................................844-5
reply by Ian White...............................................................844
silver, Britannia standard.....................................................395
use for watch case making...................................................829
silver mounted bracket clock
Brulefeu, Louis, of London..................................................513, 513-14, 515
Cattell, Thomas, of London..................................................4-5
Jourdain, William, of London, musical..............................188-9
Windmills, Joseph, of London.............................................584
silver soldering.....................................................................830
Silvey, Graham.....................................................................553
Simms, Isaac, of London, see Symmes, Isaacak
Simmons, of Fareham, mantel clock, no. 13764, five glass..15
Simmons, John, of London, watch case maker, will..............36
Simonin, Antoine..................................................................127-8, 130, 258
collection..............................................................................260
portrait..................................................................................260
Simons, longcase movement, Brabant.................................124
Simplex, clocking-in clock.....................................................829
Simpson, of Preston, turret clock, Goosnargh......................703
Simpson, Dr Allen, Japy Frères and the beginning of mass
production in France, lecture................................................396
Sinclair, Professor George....................................................115
singing bird
cabinet................................................................................824
Griesbaum..........................................................................831
Japy Frères, of Beaucourt, carriage clock............................11
Mechanical Singing Birds, lecture by John Moorhouse........831
Rochat Frères, pistol...........................................................831
temple clock, Le Roy............................................................700
The Sir Harry and Lady Djanogly Gallery at the
British Museum....................................................................181-3
Sjoberg, Nils...........................................................................480, 487
Skarratt, John, of Worcester...............................................117-18
Skarratt, John Martin, of Worcester....................................117-18
skeleton clock
chiming, Gothic cathedral pattern.....................................602
longcase clock, two-wheeled...............................................24
timepiece, passing strike....................................................602
weight driven, complex experimental escapement............605
933 VOLUME THIRTY-ONE
Smith, John, of Clerkenwell, watch gilder, will........................37
Smith, James, of London, watch shagreen case maker, will..36
Smith & Sons, of Coventry
watch balance manufacturers............................................559
Smith, Alan, For your further reading..................................853
Smith, David, demonstration.............................................117
Smith, Frank.......................................................................29
Smith, Harry,
A Clock Commemorating a Huguenot Martyr.......................744-6
Smith, Huw......................................................................613
Smith, James, of London, watchmaker, will.........................38
Smith, J., Deacon workman, 1782.................................772-3
Smith & Sons, of Coventry
Smith, J. & Sons, Clerkenwell, longcase regulator.................3
Smith, J., Deacon workman, 1782..................................772-3
Smith, J. L. & W., of London, tell-tale clock, advertised...794
Smith, James, of London
wall clock, English dial, verge ‘saltbox’...........................600
Smith, James, of London, watch gilder, will.......................37
Smith, James, of London, watch shagreen case maker, will..36
Smith, John (16478–1727?)
equation of time.............................................................632
Horological Dialogues (1675).............................................632
Horological Disquisitions (1694)........................................634-5
Smith, John, Deacon journeyman!.....................................775-6
longcase clock................................................................776
Smith, John, and Sons, of Derby.......................................399
auto-wind unit................................................................827, 828
turret clock
 Bournville..........................................................705
Cambridge, Trinity College..........................................843
Kings Norton............................................................705
Smith, Richard, of Clerkenwell,
clock and watch spring maker, will...................................35
Smith, Richard Crossley, of Clerkenwell,
clock spring manufacturer, will.......................................35
Smith, Richard, otherwise Parrott, of London,
watch spring maker, will.................................................35
Smith, Thomas, apprentice of Samuel Deacon...................773
longcase clock................................................................774
Smith, Thomas, of Runcorn, watchmaker, will.................42
Smiths
chronograph.....................................................................829
Everest auto-wind wrist-watch........................................401
wrist-watch, no. C235285, ‘De Luxe’ Cheltenham..........591
Smith’s Electric Clocks........................................................559
smuggling of watches......................................................639
Sneeberger, Michael, of Prague, table clock.....................823
Snelling, Richard, portrait.................................................609
Snowden, Phil...................................................................193
Sobek, Franz, collection..................................................824
solar time, see dial, solar time; equation of time; time, solar
Some Literary Subjects as Decorations on French Enamel
Painted Watches from the middle of the Seventeenth Century,
by Hans Boeckh, Part 2...............................................477-98
song, My grandfather’s clock............................................402
Sotheby’s, visits by Dutch Section.................................124, 405, 839
Sound Vibrations and Recording Techniques,
lecture by Mark Gray....................................................554
South Eastern Section, see AHS, South Eastern Section
Southern Section, see AHS, Southern Section
spandrel
Enigmatic Spandrels, letter by Michael Low.............5·713-14
Four Seasons.................................................................764
gilding behind..................................................................569
screwed and pinned, Elmes, Thomas.........................661
unusual openwork, Barwise, John, of Cockermouth...570
spark erosion...................................................................595
Sparre, Ebba.....................................................................493, 494
possible depiction with Queen Christina..................484
speaking clock...............................................................741
Speakman, William, of London, lantern clock..............166
speedometer.....................................................................262, 268
Spencer, Henry, of Burnley.............................................455-6
Spencer-Jones, Harold, see Jones, Sir Harold Spencer
Spyry and Shaw, of New York.........................................709
Spicer, David.................................................................122
spinning, of watch cases.....................................................830
Spittalfields, map of in 1746.............................................189
Sptitle, Henry, of Hather................................................................775
Sptittler, Tom, A Watch with Maintaining Power and
 Expansion Slide, letter..................................................135
Spoery, Joerg, Tuerler Clock.............................................125
spring detent, Earnshaw, making replacement...............612
spring, hammer counter....................................................847-8
Bowyer, William, of London.........................................95
stamp, portrait of Eugene Ducretet................................71
Stamper, Francis, of London
bracket clock, marquetry case........................................501
Stancliffe, John, of Halifax...............................................770
standard time
prize-winning article, David Rooney and James Nye..740
Stansfield, Samuel, of Stalybridge, longcase clock..........60
Stanton, Edward, of London
lantern clock.......................................................166, 304, 444, 598, 65730
longcase clock, floral marquetry case..............................9
Stapper, Zaanse clock, 1712..............................................404-5
Seibbing, J.R., of Southampton........................................224
Stedman, Francis, of Clerkenwell, watch engraver, will...36
steel
crucible (Huntsman).....................................................466-7, 831
shear............................................................................466
Swedish iron....................................................................467
Steele, Benjamin, of London, lantern clock.....................673
Stein, Alfred G...............................................................386
Stenning, Richard
portrait........................................................................611
St Roche’s horological lecture, 2009......................610-10-11
Stepneth, Albert..............................................................626
Stern, Henri.................................................................387
Stern, Charles and Jean..................................................387
Stevens, Ezekiel, of Coventry, watchmaker, will...........42
Stevens, Humphrey........................................................322
Stevenson, Douglas K.
A Possible Samuel Whitaker Movement, letter............847-8
Stevenson, Mary, portrait.................................................611
Stevenson, Roger
portrait........................................................................611
St Roche’s horological lecture, 2009..............................611
Stewart, regulator, electric.............................................265
Still, Francis, of London, bracket clock, marquetry case...508
Strutt, Thomas, of London, watch movement maker, will..........38
Stockall & Marples, 'Big Ben' crystal set..........................65-6
Stockholm, Royal Castle, Gallery......................................477
stoolclock...........................................................................124
stolen clocks and watches
for main lists of items stolen see Police Page
Collyer, tavern clock, stolen in Taunton, 1726.............655
Tompion, Thomas, of London,
no. 53, bracket timepiece........................................6729, 856-7
Stone, Tony, demonstration...........................................117
Stop Press: H1 conservation
stop watch, see chronograph
stop-work
Harrison, John, H1..................................................452, 665
McCabe, James, of London, watch no. 14280.............473
Storr, Jonathan, of York, watchmaker, will....................42
Strasbourg, cathedral clock, use of pneumatics in.........562-3
Strauch, Georg, of Nuremberg, enamel painter...............332
Street, Richard, of London, longcase clock, walnut......599
strike/silent lever (see also dial, strike/silent)
Du Chesne, Claude, of London, bracket clock.............606
Eliott, of London, bracket clock....................................291
Gobert, Peter, of London, longcase clock......................161, 303
Jourdain, William, of London, longcase clock...........188, 190
Jourdain, William, junior, of London
longcase clock..............................................................191, 192, 193
Knibb, John, of Oxford
bracket clock, ebony, ¼ repeating.................................292-3
Windmills, Joseph, of London, bracket clock...............584
striking (see also chiming, quarter)
striking, Angelus..................................................................785-6
striking, Dutch
Fromanteel, Ahasuerus, architectural table clock...........25
Gregory, Jeremy, of London, bracket clock..................314
Jourdain, William, junior, of London
longcase clock, walnut..................................................188, 193
Knibb, Joseph, of London, bracket clock, ebony...........173
striking, grande sonnerie
anonymous
Vienna regulator, smith and grinder automaton.............831
Bergier, L., le Jeune, of Paris, mantel clock
ormolu, cross-beat escapement, ¼ repeat.......................555-6
Drocourt, carriage clock, giant 6-sided..........................434
striking, grande sonnerie
Lefrand, of Paris, carriage clock, giant calendar.............158
Tompion, Thomas, of London........................................566
striking, paddle-wheel
Frodsham, Charles, of London, no. 936.........................565
striking, quarter (see also chiming, quarter)
anonymous, German wall clock.....................................124
Baldewein, Eberhard......................................................803
Bürgi, Jobst, astronomical clock....................................823
Burgis, Edward, of London, bracket clock....................290
Du Chesne, Claude, of London, bracket clock..............606
Frodsham, of London, carriage clock.............................6732
Fromanteel, Ahasuerus, of London.................................756
Greton, Charles, of London, longcase movement...........849
Knibb, Joseph, of London
bracket clock, with alarm.............................................6725
longcase clock.............................................................370-5
striking, quarter, continued,
Knibb, Joseph, of Oxford
longcase clock.............................................................369, 370, 372-7
Taylor, John, of Dukinfield, longcase clock.................44-7
Thuriet, of Paris, Boulle clock.......................................698
Tomlinson, William, of London, lantern clock..............6718
striking, rack
An Early 'Silent Pull' clock with gathered rack by
Brounker Watts, c. 1695, by Phillip Arnott.................517-24
Edward Barlow and Repeating,
letter from John Robey..................................................848-9
hook pivoted on right
Wilkinson, Joseph, of Wigton, longcase clock.............50-1
30-hour clocks
Bilbie family....................................................................121
Lough, of Penrith.........................................................398
striking, ship's bells
Striking Ship Clocks, lecture by Miles Campbell.............564-5
Thomas, Seth, bulkhead clock........................................655
striking, six hour, Baldewein, Eberhard.........................803
striking, six-watch type, Chelsea Clock Company...........565
striking, twelve or 24 hour
Fredenberck, Casparus, table clock..............................826
striking, unusual
Unusual Strike Control, lecture by David Churchill............565-6
Stubs, Thomas..................................................................778
Deacon apprentice............................................................778
Deacon movement by.......................................................779
Stubs, Thomas, of Kegworth, watch......................778-779
Stubs, Peter, of Warrington
cast steel used in Vienna.............................................831
supply of steel to Continent...........................................468
Student Bursary.............................................................318
awarded to Robert Quinn..............................................740
Study Tour 2009 – Vienna and Budapest,
by William Grice (and Michael Hurst).........................822-6
study tours, overseas, see tour, overseas
Sturt, John, engraver......................................................635
Sumart, Orpheus, of Clerkenwell, tavern clock..............655
sunburst motif
on clock depicted in woodcut, c. 1539..........................623
on clock depicted on tomb, 1603.................................585, 625
on early watches.........................................................624
'Sundial', trademark of S. Davall & Sons.......................410
sundial.............................................................................199
 Crucifix form, wooden...................................................122
cursed by Plautus............................................................621-2
dialling books.................................................................621, 629
double horizontal.............................................................629, 629
early 17th-century examples..............................621, 627, 628
hat in form of...............................................................693
noon mark, Horsley......................................................623-4
sold together with clock..............................................624-6
spherical glass..............................................................630
Sundials from Prehistory to the Digital Age,
lecture by Dr John Davis................................................119-20
use for setting clocks.....................................................132, 622-6, 629, 632, 634-5
in watch, signed P le pont............................................626

935
VOLUME THIRTY-ONE
sundial clock
Tobias, Morris, of London, composite piece........699, 848

sundial, maker
Bowyer, William, of London...............................626-7
Foster, Samuel...............................................629
Hintonn, Richard.............................................626-8
Leake, John......................................................630
Migdal, Joanna.................................................692
Read, John, of Bishop Stortford............................628
Stone, Thomas.................................................621
Symmes, Isaac, of London..................................628
Wolff, Michael, book clock.................................826

sundial, place
Benenden, Saints George and Margaret church.......132
London, Leadenhall..........................................630
Oxford, St Hugh’s College..................................692
Sonning.........................................................622
Wingham, St Mary’s church................................133

sunrise and sunset dial, see dial, sunrise and sunset
sunrise and sunset table, Harrison, John...............528
Surrenden Dering.............................................195
Surrenden Park, map, c. 1780...............................194
survival, of marquetry table clock cases...............516
Svaty Kopecek monastery..................................189
Swaine, William, of Woodbridge, clock and watchmaker
administration.................................................42
Swans, Harper, Kirkpatrick & Co, of Antrim,
linen merchants...............................................185
Swansea
clock and watch trade in, 19th century...............762-3
College Street, view c. 1874...............................762, 763
harbour view, c. 1800.......................................757
map of, 1878.....................................................761
militia..............................................................758
Swinden & Sons, of Birmingham, turret clock
130 Colmore Row, Birmingham...........................704
Digbeth Police Station.......................................704
swing clock, from Angers...................................699
Switzerland
marksman and gymnast prize watches..................545
military defence system.....................................545
Sykes, Geoff....................................................698
Sykes, Canon John, obituary of Eric Watson.........316
Symmes, Isaac, of London
sundial............................................................628
will.................................................................628
sympathique, see pendule sympathique
sympiesometer, Adie, Alexander James, of Edinburgh....115
Synchronome company......................................608

T

Tappenden, David.............................................617
Tarr, Edward, of London, watch glass grinder, will.....37
Taunton, theft of “large Dyal”, 1726......................655
tavern clock
An Archive of Tavern Clocks,
letter from Martin Gatto..................................135-6
depiction of in Caslon Letter Foundry, 1750.............656
names for.......................................................655, 658
tavern clock, by
Collyer, stolen in Taunton, 1726..........................655
Graham, George, of London...............................655
Gurney, Joseph, of Bristol..................................737
Hughes, Thomas, of London...............................698
Lee, Cuthbert, of London....................................655
Mayhew, William, of Woodbridge.........................698
Sumart, Orpheus, of Clerkenwell.........................655
Tickell, John, of Crediton..................................658
Wright, John, of Dorking...................................6
taximeter..........................................................262
Taylor, James and Thomas, of Prescot....................471
Taylor, John (of Ashton-under-Lyne), longcase clock....48
Taylor, John, of Dukinfield
longcase clock, marquetry, ¼ striking....................44-7
Taylor, John, of Holborn
bracket clock, marquetry case.............................511, 513
Taylor, John & Co., of Loughborough, carillon.......705
Taylor, Dr John C...............................................741
Corpus Christi college (Cambridge) clock.............177-80
The Corpus Christi Clock, lecture........................560
The Oxford Fromanteel Clock, letter....................273-5
replies from J. Bennett, J. Betts, A. King,
and P. Tuck....................................................407-9
Taylor, Martin, portrait.......................................609
Taylor, Snowden.............................................706, 707, 708
An Invasion in Time – Discussion (letter).............706-10
Taylor, Terry.....................................................122, 270
Taylor, Thomas, of Holborn...............................510, 511
Teetor, Ralph..................................................387
telegaphy
by cable...........................................................67-9
galvanometer.....................................................69
wireless...........................................................67-8, 69-70
tell-tale clock (see also night watchman’s clock; noctuary)
attempts to open case.........................................793
Larrard, Thomas, of Hull....................................793
mechanism of pins.............................................792, 793
Tell-tale clock, continued...791
operation of plunger...791
Smith, J. L. & W., of London, advertised...794
Whitelaw, James, of Edinburgh...794-4
temperature compensation (see also pendulum, compensating)...135
Ashby (Asby), James, of Boston, Mass...345, 346
Tempesta, Antonio, artist...345, 346
enameled watch cases based on engravings of...345, 346
Tempex, Bulle clock...555
Temps Atomique International (TAI)...87
Ten Hoeve, Johan...574
Tell-Tale Clock, reviewed...336, 341, 343
thermometer, Houriet, Frédéric (Jacques-Frédéric)...401
Thickbroom, George, of London, watch case maker, will...36
thirty-hour clock
A Possible Samuel Whitaker Movement, letter...847-8
rack striking
Billie family...121
Lough, of Penrith...398
Wigton, Cumberland, characteristics...44
thirty-hour clock, by
Aldworth, Samuel, of Oxford, longcase clock...737
Barber, Jonas, of Winsted...55
Deacon family, of Barton-in-the-Beans...362-4
Deacon, John, of Barton-in-the-Beans and Leicester, movement, no. 78/122...771
Gilkes, Richard, of Adderbury, wall clock...590
Hadwen, Isaac, of Kendal, longcase clock, oak...440
Knibb, Joseph, longcase and wall clocks...369-77
London, John, of Bristol, longcase clock...448
Lough, of Penrith, longcase, moon, rack strike...398
Ogden, James, of Sowland, longcase clock...6718
Riste, Joseph, longcase movement...774-5
Sanderson, John, of Kirkbride, longcase clock...698
Sidwell, Edward, of London...96-7
Vero, John, of Barton-in-the-Beans and Hinckley, longcase clock...772, 773
Whitaker, Samuel, of Middleton, longcase movement, attributed...847-8
Wise, William, of Wantage, dial...398
Thomas, John Blount, of Southampton
family and life...223-4
Watches – What to Buy and How to Use Them (pamphlet)
front cover...223
full text...225-9
Thomas, Richard, demonstration...117
Thomas, Samuel, of Nantwich
longcase clock, oak, Saxon Gods and days of week...440

Thomas, Seth...640, 707
bulkhead clock, ship’s bell...565
Thompson, David...181, 690, 692
Dingwall-Beloe lecture, 2008, postponed...28
For your further reading...419-20, 457-22-3
Harrison Medal awarded to...818-19
Huguenot makers, lecture...561-2, 838-9
portrait...812, 819
Twentieth Century Clock Production in England...410-11
Watches in the Ashmolean Museum, reviewed...104
William Edwards Miller: Portrait Artist, Horological Collection, Museum Benefactor, lecture, advertised...812
Thompson, E.P., explanation of use of ‘clock time’...680
Thompson, Joseph, of London, watch finisher, will...36
Thorton, W. John...368
Thorton, W. John, P.A. Hewitt and
The Deacon Family of Leicestershire Clockmakers
advertised...107
reviewed...105-6
Thrift, Nigel (see also Glennie, Paul, and Nigel Thrift)
portrait...813
Thun...126
Thurct, of Paris
Boule clock, cycloidal cheeks, 3 train...698
Thurct, Isaac, of Paris...208, 477/14, 477/16
life of...221
references to by Huygens...221-2
signature used by...57/16
wall clock
Museum Boerhaave...210, 211
private collection...149, 175, 211-20
detailed illustrations...213-20
dial...149, 212
train count...211
Thwaites, turret clock, Rolvenden, St Mary’s church...132
Thwaites and Reed, turret clock
Benenden, Saints George and Margaret church...132
Kensington, St Mary Abbotts Hospital...704
Tic Tic, 1959 film...554
Tichborne (Titchborn), Robert, Mayor of London...630
Tickell, John, of Crediton, tavern clock...658
tidal dial, see dial, tidal
Tiffany, longcase clock, mahogany chiming...172
Tijou, Jean, ironsmith...499
time, apparent, see equation of time; time, solar
time, atomic...81-3, 87
time ball, Leeds...832
time distribution
cable...69
Observatory Time by Radio: 1901 to 1970, by David Read...65-87
pneumatic
Paris...563
Vienna...563
time coding letters...69-70
wireless...69-87
time, equation of, see equation of time; time, solar
time, local mean, adoption of...621, 636
time services, see time distribution

937 VOLUME THIRTY-ONE
time, solar (see also equation of time)...........622, 629, 630-2, 636
shown on clocks (see also dial, solar time)........631, 633-4

timekeeper, marine (see also chronometer, marine; Harrison).................222

John Harrison’s 1st Marine Timekeeper H1...............................662-72

Some New Insights, lecture by Jonathan Bets........695-6

timekeeping
‘clock time’ and its perception..........................680, 681
cultural differences, existence of.....................................680, 681
development of systems and announcement...............680
of early public clocks..............................................622-3, 624
of early watches......................................................624
Harrison, John, contribution to..............................683
historical, methods of investigation............................681
individuals’ references to........................................682
of lantern clocks appropriate for purpose..................636
monastic, Benedictine..............................................622
by natural events....................................................621-2
precision of..........................................................682, 683
public........................................................................622, 632
English church clock distribution..........................682
by seamen and navigators........................................682-3

Shaping the Day. A History of Timekeeping in
England and Wales 1300–1800, by Glennie and Thrift
lecture about, Wiser after the Event?, advertised........813
reviewed................................................................679-83
timepiece (see also military timepieces)
anonymous, skeleton clock, passing strike..........602
Barkley, Samuel, and Thomas Colley
bracket, enamelled dial..............................................600
Cole, Thomas, of London
no. 1580, in form of mortar........................................6722
East, Edward, of London, alarm, early pendulum...614-17
Payne, William, of London
black marble and ormolu..........................................165
Tompion, Thomas, of London
no. 48, ebony, ¼ repeating........................................2
no. 53, ebony, ¼ repeating (stolen).........................6729, 856-7
Watts, Brounker, of London, ebony, ¼ repeating....517-24
Whitehurst, John, of Derby........................................398
timer, photographic, Salter (English Clock Systems)........828
The Times, sarcastic attack on BWCC.........................645
Tinham, Samuel, of Salisbury, lantern clock..........404
Titchborne, Robert, Mayor of London......................630
title page (see also frontispiece)
Akershall, Frederick, The Antique Dealer................296
Booth, Mary L., Clock and Watchmaker's Manual........296
Calton Old Facet..........................320-30
Chancellor, John, Treatise... on a New Escapement......156
Cumming, Alexander, of London
The Elements of Clock and Watch Work...............296
Huygens, Christiaan
Horologium Oscillatorium (1673)............................204
Petition of Watchmakers of Coventry, 1817.................460
Smart, John, Tables of Time ... (1702).......................635
Thomas, John Blount, Watches................................223
Upjohn, James, of London, A Short Account of
the Life and Travels of James Upjohn...................458
Tiverton, Heathcote’s mill, noctuary.........................704
Tobias (fictitious name).............................................466

Tobias, Morris, of London
chronometer, pocket..............................................398
patent, 1813, ship’s bells time..................................565
sundial clock, composite piece.................................699, 848
Tombs, John, of London, watch gilder, will............37
Tomlinson, William, of London
lantern clock, ¼ striking, 3-train.........................6718

Tompion, Thomas, of London
bracket clock
ebony striking......................................................173
no. 260, ebony ¼ repeat..........................................26
no. 271, brass inlaid.................................................25, 148
bracket timepiece
no. 48, ebony, ¼ repeating........................................2
no. 53, ebony, ¼ repeating (stolen).........................6729, 856-7
instructed by Hooke in equation of time...............631
lantern clock, no. 535, alarm.................................430
longcase clock
month going, equation, lacquered case.................266-7
no. 114, burr walnut.................................................443
no. 134, ebonised....................................................593
quarter repeat mechanism........................................517
Royal Observatory clock, replica, Johan Ten Hoeve.608-9
solar time clocks...................................................633
striking, grande sonerie.........................................566
two movements clock...........................................5723

Tondok, Dieter......................................................809
tools (see also lathe)
displayed at Calender House....................................697
Ingold’s machine tools............................................641-2
Ingold’s press tools..................................................642
Jex, Johnson..........................................................320-30
Lancashire manufacture of.................................467
lathe hand-wheel drive..........................................838
Swiss manufacture of..............................................468
watch case making................................................829
wheel cutting engine, Lancashire.........................167
tooth form, Knibb, Joseph, 30-hour longcases..........377
Torry, Peter, lecture report...........................................116
Toulouse, battle of..................................................758
tour, overseas
France, reported by P. Hulatt.................................697-8
Oversea Study Tours, by Susan Knight..............113, 258, 394
Study Tour 2010, by Susan Knight...........................822
Switzerland, 14–25 April 2008, American Section,
reported by Dean Armentrout.............................124-31
Vienna/Budapest, 16–23 September 2009, advertised.394
reported by William Grice and Michael Hurst........822-6

tour, turrett clocks
Birmingham, reported by Chris Pickford.................703-5
Kent, reported by Geoffrey Hollis............................131-3
Lancashire, reported by Alan Godier......................702-3
Leeds, reported by Stewart Whillis.........................271-2
Worcestershire, reported by Paul Platt......................118-19

tourbillon.................................................................131
Haldemann, Beat, of Thun, cage for wristwatch........127
watch, fusee.............................................................131
Toutin, Henri, enamelled painter.............................480
Toutin, Jean (I), enamelled painter..........................331
Trentham, Frederick, of Coventry.............................559
Treherne, A. A. (Alan).......................................................827
Tredegar House................................................................267
Travers, Henry, of Prescot, spring detent maker..............472
Tray, John, publican, of St Athan..............................88-9, 90
The Triumph of the Queen on Land

Tughra.............................................................................

Treherne, Alfred, of Coventry, watch case maker..............398
Trenton Watch Company.................................................710
Tuerler Clock....................................................................125
trade card, Preston, Joseph & Sons..................................475
traditional case.................................................................

trades involved in watchmaking.....................................228-9

train count

Baldewijn, Eberhard, Planetenuhr.802, 804, 806, 809
Thuriet, Isaac, of Paris, wall clock.................................211
travelling case

Vulliamy, Benjamin Lewis, of London, no. 738......311
travelling clock

Jaeger..........................................................558
Vulliamy, Benjamin Lewis, of London, no. 738......311
Travers, Henry, of Prescot, spring detent maker..............472
Tray, John, publican, of St Athan........88-9, 90
Tredgar House..........................................................267
Treffry, Timothy, portrait..............................................609
Treherne, Frederick, of Coventry.................................559
Treherne, A. (Alan)............................................................827
The Contribution of South-West Lancashire to Horology,
Part I: Watch and Chronometer Movement
Making and Finishing.........................................................457-76
The Hewitt family, lecture........................................265-6
portrait.................................................................609
Treherne, Alfred, of Coventry, watch case maker............398
Trenton Watch Company.................................................710
The Triumph of the Queen at Sea
analysis of...............................................................483-4, 487
depiction of................................................................484
The Triumph of the Queen on Land
analysis of...............................................................482, 487
depiction of................................................................478
The Trophies of the Hunt
analysis of...............................................................488-9
depiction of................................................................489
Troughton, of London, barometer.................................15
Tuck, Paul
book review..........................................................382-6, 678-9, 678-9
The Oxford Fromanteel Clock, letter..........................409
Tuerler Clock.................................................................125
tughras...........................................................................712
Tull, Steve........................................................................560
tune barrel (see also carillon)

Bilbie, Thomas, of Cullompton.................................122
Worcester, St Swithun’s Church.................................119
tuning fork, General Radio Co........................................80
türmchenuhr.................................................................405
Turner, John, of London, watch case maker, will............36
turntable base, bracket clock

Ebsworth, John, of London.............................................864
turret clock

Automatic Winding,
lecture by Keith Scobie-Youngs....................................827-8
Church Clocks, by Hugh Rock, reviewed........................674-5
door-frame, Worcester, St Swithun’s church.................118-19
The Evolution of Tower Clock Movements,
lecture by Mark Frank.....................................................567
A Turret Clock from Cork, Ireland,
letter from Gerald Barriscale........................................846-7
turret clock, maker

Alport, Samuel, of Birmingham..................................704
Bailey, John, & Co., Salford..............................................704
Barriscale, of Cork..........................................................846-7
Benson, James W., of London.........................................702
Brown, of Selby.............................................................698
Brunner, Caspar..........................................................129, 130
Chessborough, Arran, of Penrith...............................698
Condill, James, of Liverpool.........................................116
Frodsham.................................................................116
Wynenshawe Hall.......................................................264, 399-400
Cumbria Clock Company.............................................264, 399-400
Dent, of London...........................................................131-2
Dent, F., of London.....................................................271-2
Donisthorpe, George, of Birmingham............................704
Evans, of Birmingham..................................................559-60, 703
Finney, Joseph, of Liverpool..........................................704
Freh, Peter (of Zurich?)....................................................125
Gammon, William, of Birmingham...............................703
Gents, of Leicester..........................................................704
Gillott & Co, of Croydon
Birmingham, Art Gallery..............................................704, 705
Gillott and Bland, of Croydon
Birmingham, Gun-Barrel Proof House........................703
Bridge, St Peter’s church...............................................132
Minster-in-Thanet, St Mary’s church...............................133
Scorton.................................................................703
Gillott and Johnston, of Croydon
Ash, St Nicholas’ church...............................................133
Cardiff, St John’s church................................................267
Digbeth Police Station....................................................704
Kidderminster, St Mary’s church................................118
Salley.................................................................703-4
Guignan, Monsieur (of Bordeaux?)...............................697
Hipp, Matthäus...........................................................125
Johnson, J., of Preston...................................................703
Joyce, J. B., of Whitechurch...........................................116, 557
Higher Walton.............................................................702
Northfield.................................................................705
Worcester Cathedral.....................................................118
Kays, of Worcester.......................................................118
Knight, Henry, of Birmingham......................................118
Lawson, of Hindley.......................................................703
Leson & Son, of Coleshill...............................................704
Lund & Blockley, of London...........................................703
McQuater, Archie..........................................................554-5
turret clock, maker, continued.
Moore, John and Sons, of Clerkenwell.................. 704
Muff, of Triengen.............................................. 128-9
Paris, Nicholas, of Warwick.............................. 704
Potts, W., of Leeds
Leeds, Town Hall............................................. 271-2
Mitton............................................................ 702
Smarden, St Michael’s church......................... 132
Roskell, of Liverpool......................................... 705
Simpson, of Preston......................................... 703
Smith, John, and Sons, of Derby
Bournville.......................................................... 705
Cambridge, Trinity College.............................. 843
Worcester, St Swithun’s church......................... 118
Swindon & Sons, of Birmingham....................... 704
Thwaightes, of London, Rolvenden, St Mary’s church... 132
Thwaightes and Reed
Benenden, Saints George and Margaret church...... 132
Kensington, St Mary Abbots Hospital............... 704
Vulliamy, Benjamin Lewis
Westminster, St Stephen’s................................ 843
Whitehurst, John, of Derby................................ 704
Whitehurst, John III, of Derby.......................... 705
Wray, William, of Birmingham......................... 703
turret clock, place, continued.
Ash, St Nicholas’ church.................................... 133
Aston.............................................................. 704
Balkerstone...................................................... 702
Benenden, Saints George and Margaret church..... 132
Bern, Zytglogge................................................ 129, 130
Bethersden, St Margaret’s church...................... 132
Biddenden, All Saints’ church............................ 132
Birmingham
130 Colmore Row............................................. 704
Art Gallery..................................................... 704, 705
Gun-Barrel Proof House................................... 703
Museums Collection Centre............................ 704
Oratory.......................................................... 705
St Philip’s Cathedral...................................... 704
Bordeaux, Hôpital Saint-André......................... 697
Bournville...................................................... 705
Bridge, St Peter’s church.................................. 132
Cambridge, Trinity College............................ 843
Cardiff, St John’s church.................................. 267
Chepstow, St Mary’s Church............................. 266
Churchtown near Garstang................................ 703
Cork, Bridge Street......................................... 846-7
Cranbrook, St Dunstan’s church......................... 131-2
Deritend, St John’s church................................ 704
Digbeth Police Station...................................... 704
Froebel.......................................................... 116
Goosnargh...................................................... 703
Hampton Court palace..................................... 399
Higher Walton................................................ 702
Hoghton........................................................ 702
Kensington, St Mary Abbots Hospital............... 704
Keswick
Crosthwaite Church......................................... 698
St John’s Church............................................. 698
Uffenbach, Zacharias Konrad, Merkwürdige Reisen........ 839
under-dial work, Knibb, Joseph, 30-hour longcases.... 374
Ungerer, of Strasbourg
Ploerml clock overhaul................................. 785
Strasbourg clock............................................. 563
United Kingdom Clock Co. Ltd........................... 411
An Unknown Portrait of Cosimo de’ Medici?........ 742-3
Unsworth, John, of Farnworth, watchmaker, will..... 42
two-wheeled clock, longcase, elliptical dial........... 24

U

The Scientific Anchorite – Johnson Jess the
Norfolk Clockmaker: the story of his unique lathe... 320-30

THE SCIENTIFIC ANCHORITE

J. THOMAS JESS

AN UNKOWN PORTRAIT OF

COSIMO DE’ MEDICI

JOHN UNSWORTH

THE TWO-WHEELED CLOCK

JOHN JES

THE NORFOLK CLOKCMAKER

THE STORY OF HIS UNIQUE LATHE

940
Unwin, William, of Newark upon Trent, watchmaker, administration..........................................................42
Upjohn, Edward, stonemason..........................................................458
Upjohn, James, of London, *A short Account of the Life and Travels of James Upjohn*..........................458-9
Upmark-Landgren, Märtä................................................................485
Upton Hall, visit by AHS Council..................................................609
UTC (Coordinated Universal Time).................................................66, 87

V

Vacheron & Constantin, Geneva, wrist-watch
minute repeating........................................................................612
no. 699609................................................................................14
Vale & Co., of Coventry...............................................................461
Vale & Rotherham, of Coventry....................................................463
Vallet, Pierre, artist........................................................................338
Vancouver, George
marine chronometer, Arnold no. 176..........................................840-1
Vaucanson, Jacques, automaton duck........................................563
Vaughan, Anthony.........................................................................189
Vaughan, David............................................................................189
Vauquer, Jacques, engraver................................................................345
Vauquer, Robert, of Blois, enamel painter.......................................331, 345-6, 495
Vautrollier, James, of London, watch............................................397
Velasquez, Diego, portrait of the Infanta Maria Teresa..................332
Venner
electrical timer with sunrise and sunset....................................828-9
time and frequency meter.........................................................828
*Venus, Bacchus and Ceres*, depiction of...................................497
Venus, transit of, *Captain Cook, Venus, and a Great Discovery*, lecture by Philip Priestley..........................566
Verloren, Simon Ferdinand, Zaanse clock..................................840
vernier principle
time display, Corpus clock.........................................................178-9
time signal.................................................................................73, 77
Vero, John, of Barton-in-the-Beans and
Hinckley....................................................................................363, 365-6, 772
longcase clock, 30-hour.............................................................772, 773
Veugny, Gabriel, of London, watch chain maker, will...............37
Vibert, Charles, of Penzance, watchmaker, will............................42
Vidie, Lucien, barometer, aneroid................................................115
Vienna, visit report......................................................................822-4
Vienna regulator, *see* wall clock
Vieyres, Anthony, of Pall Mall.....................................................647
Vigny, Claude, drawings from *L'Ariane*....................................347, 348-51
Viner, of London, mantel clock
mahogany, enamel dial.............................................................15
no. 630, rosewood.....................................................................15
Viner, J., of Walsh, Newbury
longcase clock, sidereal and mean time.....................................742
Vinzenz, Brigitte.........................................................................126, 260
Viredaz, Michel, lecture on electrical timekeeping.....................126
visit, reported by
Armentrout, Dean, Switzerland..............................................124-31
Campbell, Gregor, Sharmanka Gallery, Glasgow......................115-16
Clifford, Derry
Kidderminster.............................................................................559-60

visit, reported by, *continued*,
Clifford, Derry, *continued*,
Lake District.............................................................................698
South Wales...............................................................................266-7
Cooper, Cynthia, and Jim Arnfield, Switzerland.......................258-61
Edwards, M., Callendar House.................................................697
Feeley, Noel P., Armagh.............................................................123
Frampton, Derek
Dorset Clock Museum..............................................................701
Westminster, Great Clock.........................................................121
Hollis, Geoffrey, Kent................................................................131-3
Hurst, Michael
Budapest, Museum of Applied Arts.........................................826
Vienna, Kunsthistorisches Museum...........................................823
Nye, James
Amberley Chalk Pits Museum................................................567
London, private collection.........................................................702
London, Science Museum........................................................133-4
West Country private collections..............................................134
Platt, Nigel, Anglesey Abbey.....................................................699-700
Ponsford, Clive N., private collection.........................................270
Shenton, Ken, Upton Hall............................................................609
Whillis, Stewart
Leeds..........................................................271-2
Westminster.................................................................842-3
Zeeman, Jaap, Sotheby’s, Amsterdam.......................................124, 405, 839
visit to
Amberley Chalk Pits Museum................................................567
Anglesey Abbey.................................................................699-700
comment by Jonathan Betts....................................................848
Armagh Observatory and Astropark........................................123
Budapest, Museum of Applied Arts.........................................826
Callendar House...............................................................697
Dorset Clock Museum..............................................................701
Glasgow, Sharmanka Kinetic Gallery/Theatre...........................115-16
Kent.........................................................................................131-3
Kidderminster............................................................................559-60
Lake District.............................................................................698
Leeds.......................................................................................271-2
London, private collection.........................................................702
London, Science Museum........................................................133-4
a private collection.................................................................270
Severn Valley station, Kidderminster........................................559-60
Sotheby’s, Amsterdam.............................................................124, 405, 839
South Wales.............................................................................266-7
Switzerland...............................................................................124-31, 258-61
group photograph.....................................................................259
Upton Hall..................................................................................609
Vienna.......................................................................................822-4
Kunsthistorisches Museum......................................................823
West Country private collections..............................................134
Westminster.................................................................842-3
Great Clock..............................................................................121, 842
Vitu, Francis, of London, watch chain maker, will......................37
Vivas, Sebastian..........................................................................260
Vlijmen, Henricus van, of Amsterdam
longcase clock.......................................................................839
longcase clock with calendar and automata..............................840
Voore, Tim
The Princeps System, lecture with David Read..........................272
Vouet, Simon, painter..................................................334
VR (Vale & Rotherham), watch maker’s mark..................155
Vulliamy, of London
  bracket clock, ebonised, striking (stolen) .................856
  bracket clock, rosewood..........................................15
  clocks with Derby porcelain..................................170
  regulator, longcase
    no. 220, mahogany, month duration..............................169, 298-9
Vulliamy, Benjamin Lewis, of London
  bracket clock, no. 611, mahogany..............................151
  longcase clock
    no. 988, mahogany.............................................588-9
    no. 1103..................................................................6731
  portrait in wax......................................................646
  travelling clock, no. 738, rosewood............................311
  turret clock, no. 1882, Westminster.............................843
  view of BWCC......................................................646-7
  wall clock
    no. 954, mahogany drop dial..................................151
    no. 1112, large mahogany.......................................151
    no. 1328, large mahogany drop dial.............................151

W

Waddington, Trevor..................................................122
  lecture report..........................................................122
Wadsworth, J. H. F. (Francis), books.............................693-4
Waldegrave, Lord (Baron Waldegrave of North Hill)........741
Wales, scarcity of clock time references in..................682
Wales and Marches Horological Society.........................122, 266
Walford, Harry..........................................................559
Walker, George, of Oxford, lantern clock.......................304
Walker, William, of London, watch glass maker and
  dealer in watch materials, will...................................37
  wall clock (see also lanterndluhr; regulator, wall; tavern clock)
    anonymous alarm..................................................12
    anonymous lozenge metal case..................................12
    Dutch, long tailed.................................................840
    German, quarter striking.......................................124
    silver, with revolving moon, bells buttied by rams.......823
    Swiss farmer’s, calendar and zodiac indication, 1752...127
  wall clock, by
    Aron, Hermann, electrically wound.........................841-2
    Call, Jan van......................................................410
    Gilkes, Richard, of Adderbury
      30-hour hook and spike......................................590
    Jourdain, William, junior, of London.......................188,
    Kirk, Joseph, of Nottingham
      ¼ repeat, gathered rack.......................................517
    Thuret, Isaac, of Paris
      Museum Boerhaave..............................................210, 211
      private collection...........................................149, 175, 211-20
      detailed illustrations........................................212-20
      dial.......................................................................149, 212
      train count..........................................................211
Vulliamy, Benjamin Lewis, of London
  no. 1112, large mahogany.........................................151
Whitehurst, of Derby
  no. 5834, 8-day, hook and spike.................................440

Wall clock, English dial
Aubert and Klaftenberger, of London
  ¼ chiming mahogany..............................................16728
Frosthom, John, of London
  small drop, verge, wooden dial...............................170
Handley, George, & John Moore, of London
  no. 2595....................................................................12
Linnard, John, junior, of Swansea (1818–1880)..............768
Smith, James, of London, verge ‘saltbox’......................600
Vulliamy, Benjamin Lewis, of London
  no. 954, mahogany drop dial....................................151
  no. 1328, large mahogany drop dial.............................151
  wall clock, hooded, now in longcase
    Knibb, Joseph, of London
      ¼ striking verge, ebony case..............................370-5
    wall clock, hook and spike
      Gilkes, Richard, of Adderbury, 30-hour......................590
      Whitehurst, of Derby, no. 5834, 8-day...................440
    wall clock, Vienna regulator..................................823-4, 830-1
      automaton, smith and grinder grande sonnerie...........831
      Caledonia..........................................................830
      Hamburg American Clock Company..........................831
      Lenzkirch..........................................................831
    Wallingford, Richard of...........................................316, 622
      St Alban’s clock, Don Unwin replica........................560, 561
      Wallis, John......................................................630, 631, 748
Waltham Watch Company
  chronograph..........................................................829
  deck watch............................................................400
Walton, Robert, of London
  watch, no. 4221, dial painted with scene......................1, 102-3
Walwyn, Howard..........................................................516
Ward, H.G., M.P..........................................................638
  support for Ingold..................................................649
Warner, John, lecture report.....................................561-2, 836-7
Warner, John, of Chipping Camden, lantern clock.............598
Warren, John............................................................316
watch (see also alarm watch; chronometer, pocket;
  coach-watch; deck watch; watch, enamel-cased)
  automaton, figures striking bell................................825
    complicated
      Audemars Piguet, triple complication.....................612
      making of...........................................................123
    Patek, Philippe & Co.............................................259
      double dial, Dickie, Andrew, of London..................383
      with polygonal contrate wheels..............................823
      seconds beating, Russell, John, of Falkirk..............386
    South German, in portrait, of Cosimo de’ Medici...742-3
      with sundial, le Pont, P.........................................626
    triple complication, Audemars Piguet.......................612
  watch, alarm, see alarm watch
  watch, belonging to, see watch, formerly property of
  watch, books on reviewed
    Beginner’s Guide to Pocket Watches, by Ian Beilby........678-9
    The English Watch 1585–1970,
      by Terence Camerer Cuss.....................................382-6
    The Pocket Watch: Restoration, Maintenance, and Repair,
      by Christopher Barrow.........................................676-8

ANTQUARIAN HOROLOGY
942
watch, by
Bayley, Charles, silver, pair case, champlevé dial. 162. 436
Benson, James W., of London, telegraphy dial. 69
Billie, skeletonised dial. 122
Bockels, Jan Janssen, of The Hague
‘Puritan’, gold case. 446
Boissacoumoyne, of Paris, enamel-cased. 496
Bonneuye, C., of Paris, enamel-cased. 336
British Watch and Clockmaking Company (BWCC)
movement, no. 60. 643
Bullingford, of Liverpool (fictitious), no. 6010. 462
Bullingford, of London (fictitious), no. 1642. 463
Caillatte, Abraham, of Geneva
enamel-cased with battle scenes. 346
Calcott, John, of Cotton, no. 2986, farmyard cock. 155
Champion, Denis, of Paris
enamel-cased with scenes from Aethiopica. 289, 340-2
Dickie, Andrew, of London, double dial. 383
Ditisheim, Paul. 832
Durrant, J. & Son, of London, no. 4081. 7
Dwerrhouse, John, of London
enamel-cased with battle scenes. 346
East, Edward, of London. 397
Elam, M., of Northwich, Middlewich and Winsford
no. 19761, dial (later) painted with scene. 98-101, 273
Ellicott, John, junior, of London. 397
no. 2700. 383
Fuller, Jonathan, of London. 397
Gamor, G., of Paris, enamel-cased. 337, 338
Goullons, of Paris
enamel-cased. 496
enamel-cased with scenes from Aethiopica. 344
Grayhurst, of London. 397-8
Gretton, Charles, of London. 277, 850
listing of all known. 414
no. 1625. 277
Gribelin, of Paris, onion movement. 394-5
Harper, William, of Antrim
no. 156, silver repoussé pair case. 186-7
Hewitt, Joseph, of Prescot, no. 9165. 469-70
Howells, William. 395
Ilbery, William, of London. 398
Jacot, J. F., bar movement, cylinder. 557
Jaeger
alarm watch, Cartier. 558
self-winding. 558
Jaeger Le Couthre, Futurematic. 558
Johnson, J., of Liverpool, verge movement. 557
Jourdain, Aaron, of London, tortoise shell case. 193
Junghans
early electronic, c. 1968. 558
Mega 1. 86
Mega Solar. 557
pocket alarm. 558
Kibich, Matthie, of Pressburg
oval, with gemstones and enamel. 332
Koster, Willem, of Amsterdam
enamel-cased with scenes from Aethiopica. 342-3
Le Roy, Julien, of Paris, verge, Turkish market. 555
LeCount, Daniel, of London. 397
watch, by, continued,
Lepper, George, of Belfast
no. 104, dial named JAMESGRAHAM. 356
no. 257, movement. 357
McCabe, James, of London
no. 14280, movement, Lepine. 472, 473
Marconi Wireless Telegraph Company. 70
Marlow, Charles, of Coventry, painted dial. 98-101, 273
Nicole Nielsen of London (Durrant & Son, no. 4081). 7
Patek, Philippe & Co.
Calibre 89. 259
Graves. 259
Raillard, C., of Paris, enamel-cased with diamonds, scenes from Aethiopica. 344-5
Rogers, Isaac, of London
gold pair-cased verge ¼ repeat. 310
Roumilly, of Paris
enamel-cased with scenes from Aethiopica. 343-4
Russell, John, of Falkirk, seconds beating. 386
Sarrabat, Charles, of Paris
enamel-cased, Artemisia and Berenike. 496
Scalé, Bernard, of Amsterdam
no. 615, night and day. 839-40
Seignior, Robert, of London. 397
Vautrotlier, James, of London. 397
Viet, Paul, of Blois
enamel-cased with scenes from Ariane. 347-52
Walton, Robert, of London
no. 4221, dial painted with scene. 1, 102-3
Waterbury, ‘Jumbo’. 710
Windmills, Joseph, of London. 397
Zelling, Andreas, of Hamburg
enamel-cased with scenes from Aethiopica. 344
watch case (see also watch, enamel-cased (painted enamel))
assaying in Birmingham. 461-2
band, enamel treatments of. 337, 340, 344, 345, 349
doubt who actually made case. 470-1
History of English Watch Cases and their Makers,
lecture by Philip Priestley. 397-8
Watch Case Making, lecture by Mike Wilson. 829-30
watch case maker (see also wills of: watch case maker) 705
Benson Bros., of Liverpool. 398
Clerke, George, of London. 102
Delander, Nathaniel, of London. 397
Dennison, Aaron. 398
Jagger. 397
John Wright, of London (IW). 295
Matthews, Martin. 28
Nielsen, Emile. 7
Oliver, Richard, of London. 437
Oliver, R. J. (Dick), of London. 398
Roumieu, Adam, of London. 397
Scott, William Caleb, mark W.C.S. 470-1
Treherne, Alfred, of Coventry. 398
Vale & Rotherham, of Coventry. 155, 463
Waterfall, Alfred, of Coventry. 99
Weaver, Cuthbert, of London. 397
Wilson, Mike. 394-5
Woodman, Philip, of London. 398
watch cock, depicting farmyard.................................155
watch dial, painted scenes, Picture Gallery...............1, 98-103
Dial Painting is a Modern Addition, letter from David Penney.........................................................273
watch, enamel-cased (painted enamel) band, enamel treatments of..................................................337, 340, 344, 345, 349
Boissauymone, of Paris.................................................496
Bonneye, C., of Paris..........................................................336
Cailllare, Abraham, of Geneva,
with battles scenes based on Tempesta........................496
Champion, Denis, of Paris,
with scenes from Aethiopica............................................289, 340-2
Dwerrhouse, John, of London,
with battles scenes based on Tempesta.......................346
Gamot, G., of Paris............................................................337, 338
Goullon, of Paris...............................................................496
scenes from Aethiopica.......................................................344
Kiblich, Matthie, of Pressburg, oval, with gemstones...332
Koster, Willem, of Amsterdam,
scenes from Aethiopica......................................................342-3
Raillard, C., of Paris, with scenes from Aethiopica........344-5
Roumilly, of Paris, with scenes from Aethiopica........343-4
Viet, Paul, of Blois, with scenes from Ariane............347-52
Zelling, Andreas, of Hamburg,
with scenes from Aethiopica.............................................344
watch, formerly property of Christina, Queen of Sweden.....351-2, 477-98
ascription to Jean (II) Toutin........................................496-8
case band........................................................................482
case bottom.................................................................483-4
cover painting.............................................................478, 482
cover underside inside painting....................................488-9
cover underside painting..............................................484-5
dial painting.................................................................488
interpretation of..........................................................494-5
Dering, Sir Edward (1st Baronet)..................................198
watch manufacture (see also watchmaking)

Coventry.................................................................558-9
English 18th- and 19th-century methods.....................457-66
finishers, rôle of............................................................472
leaving of space for retailer’s name..............................464
watch movement
Berry, James, of Prescot
centre-seconds, 3/4 plate, no. 41270..........................469
part finished.................................................................468-9
watch stands.................................................................401
watchmaking (see also watch manufacture)
decline of English........................................................638, 639, 652-3
division of labour in.......................................................228-9, 459-61, 637-8
rise of Swiss.................................................................638
social organisation in Clerkenwell.........................638, 644-5, 651-2
watchmaker’s clock, see also night watchmaker’s clock;
noctuary; tell-tale clock.................................................401

Waterbury Clock Company
‘Jumbo’ watch...............................................................710
longcase clock.............................................................308
Waterfall, Alfred, of Coventry, watch case maker............99
Watkinson, Steve, My Life and Horology, lecture.............832-4
Watson, Eric, obituary..................................................516
Watson, Hugh E., Keeping Time...Clocks, Watches and
Barometers in...Grantham, reviewed.............................546
Watts, Brounker, of London...........................................520
An Early ‘Silent Pull’ clock with gathered rack
by Brounker Watts, c. 1695, by Phillip Arnott.................517-24
possible connection with Joseph Windmills..................522-4

Webster, William, of London
bracket clock, ¼ repeat, basket top, date, rise and fall....738
Wehrli, Martin..............................................................261
weight pulleys, Harrison, James, longcase clock, 1727........339
Weinberger, lanternduhr.............................................824
Wellgate, Bernard.........................................................406
Wendelin, Godefrey......................................................202
West, Bert (error for Bert Davies).................................28, 273
West Country Section, see AHS, West Country Section
West Dean College (see also St Roche’s horological lecture),
30
Tompion replica clock made at...................................608-9
West, James, of London, watch shagreen case maker, will...36
Westminster, Great Clock.........................................65-6, 399
Big Ben 150 Years Old...................................................612-13
date of starting of.........................................................612
The Great Clock of Westminster,
lecture by Chris McKay, reminder.................................685
quarter bell.................................................................613
sound of ‘Big Ben’ broadcast............................................65-6
visit report.................................................................121, 842
Westminster, Palace of..................................................613
Westworth, Ian............................................................121, 622, 613
Wetherhead, Leonard, of Kirkby Lonsdale, longcase clock,..55
Whatmoo, Derek..........................................................701
Whatmoo, Philip..........................................................701
Wheatstone bridge, Siemens and Halske.......................555
Wheatstone, Sir Charles, heliochronometer....................120
wheel, contrate
Huygens, Christiaan, pendulum gearing....................204, 208, 222
Jex, Johnson, lathe.......................................................325-6
Knibb, Joseph, 30-hour longcases............................376
polygonal, in watch.....................................................823
wheel-cutting engine
Jex, Johnson (attributed to)..........................................320
Lancashire.................................................................167
wheel, polygonal contrate, watch using.........................823
wheel, wooden
Harrison, James, longcase clock.................................533-42
Harrison, John, H1, calendar.......................................452
Whillis, Stewart..........................................................702
meeting reports..........................................................271-2, 842-3
Whitaker, Douglas.......................................................122
Whitaker, James..........................................................848
Whittaker, Samuel, of Middleton
longcase movement, 30-hour, attributed.................847-8
White, Francis, of Chesterfield, watchmaker
administration.............................................42
White, Ian
book review.................................................679-83
Chinese Clocks, letter..................................844
English Clockmakers in the Ottoman
and Chinese Markets 1580–1815, lecture.............113-14
White, Joseph, & Son, of Coventry......................559
White, J.R......................................................102
White, Lady, see Migdal, Joanna (Lady White)
White, Sir George.........................................619
“Not a Bad Timekeeper: the English Lantern Clock
in the Seventeenth Century”
article.........................................................585, 621-36
White, William, of Southampton.......................223
Whitehurst, John III, of Derby
hook and spike clock, no. 5834, 8-day, striking.......440
noctuary.....................................................704, 791
Whitehurst, John, of Derby
8-day clock, 1760.........................................398
timepiece..................................................398
turret clock chimes.......................................704
Whitehurst, John III, of Derby.........................705
Whitelaw, James, of Edinburgh, tell-tale clock......791-4
Whitestone, Sebastian....................................614
For your further reading.................................5729-1
The Identification and Attribution of Christian Huggens’
First Pendulum Clock.................................149, 175, 201-22
letter from Michael Hurst................................409-10
letter from Reinier Plomp...............................15714-17
reply by Sebastian Whitestone......................15717-19
Percy Dawson Medal, 2008.............................393
Whittaker, Jane............................................29
Whitwell, Charles, astronomical compendium......120
Whyte, Philip
portrait.....................................................611
St Roche’s horological lecture, 2009.................610
Wicksteed, Edward, of London
bracket clock, musical walnut........................124
Wigan, A Wigan Shop, lecture by Peter Duckworth..563-4
Wigton, Cumberland, 30-hour clocks from.........44
Wilding, John...............................................555
Wilhelm IV, Landgrave of Hesse-Kassel............797, 798
Wilkes, of Birmingham, dial maker..................763, 766
Wilkinson, I.T..............................................698
Wilkinson, Joseph, of Wigton
longcase clock, lunar and tidal indication..........50-1
will (see also wills, of, by trade)
Hewitt, Joseph, of Prescot (1823–1894).............266
Hewitt, Thomas, of Coventry.........................266
Hewitt, Thomas, of Prescot and London
(1798–1867)..................................................266
Hornby, Gerard............................................266
Hornby, Richard..........................................266
Litherland, Peter, of Liverpool........................266
Newsam, Bartholomew, of London....................626
Russell, Thomas, of London, clock case maker....32-3
will, continued,
Symmes, Isaack, of London............................628
Wills of Clock and Watchmakers On-Line from the
National Archives, by Clive N. Ponsford
Part IV: Case makers and other specialist tradesmen
(London Area)..............................................31-8
Part V: Wills Proved in ‘Country Courts’............39-42
Wycherley, John, of Prescot..........................266
Willard, Aaron.............................................835-6
Willard, Benjamin, of Grafton (Mass.) and Worcester...835
Willard Clock Museum..................................835-6
Willard, Simon, of Horshonden and Charleston....835
Willard, Simon, of Roxbury............................835-6
Williams, Chris H.K.
Sir Edward Dering’s ‘Book of Expenses’ 1617–28,
His Horological Purchases, William Barrett
of Ashford and Jacques of London.....................194-200
Williams, Dr Sioned, and Emyr Davies
Interesting Clocks at St Fagans, lecture............122
William, Edward (Iolo Morganwg).....................90
Williams, Henry, of Lancarvan
longcase clock, unusual dial..........................271
Williams, Taliesin........................................90-1
Williams, Thomas, of Lancarvan, watchmaker, will....39, 42
Williams, Thomas, of Preston, longcase clock.....64
William, William, M.P.....................................650
Williamson, of Coventry.................................559
Williamson, H.W., Ltd....................................411
Williamson, Joseph, of London
clocks showing true solar time.......................633-4
longcase clock showing true solar time.............633-4
Williamson, Robert, of London
lantern clock.............................................304, 444, 598, 6730
Williamson, William Hartson, of Antrim, murdered...185
Wills of London
watch dial (Durrant & Son London no. 4081)........7
wills, of, by trade
clock and watch chain maker.........................34
clock and watch spring maker.......................34-5
clock case makers.......................................31-3, 34
clock engraver.............................................34
clock movement maker.................................34
watch and chronometer manufacturers..............266
watch cap maker.........................................35
watch case joint finisher..............................35
watch case makers.......................................35-6, 39, 42
watch dial painter........................................36
watch engravers..........................................36
watch finishers..........................................36
watch [fusee] chain makers..........................36-7
watch gilders..............................................37
watch glass makers......................................37, 39, 41
watch jewellers..........................................37
watch key and pendant maker........................37
watch movement makers............................38
watch piercers............................................38
watch pillar maker......................................38
watch tool maker........................................38
watch wheel makers....................................38
wooden clock maker....................................39, 40
Wilson, Chris, demonstration..............................................117
Wilson, John, Deacon workman.............................................776
Wilson, John, of London, watch jeweller, will.........................37
Wilson, Revd John M.............................................................467
Wilson, Mike........................................................................398
Time on my Hands, lecture......................................................394-5
watch case making...................................................................117
Watch Case Making, lecture......................................................829-30
winding, automatic.....................................................................264
Scobie-Youngs, Keith, The Theory, History, and
Development of Auto-Winding, lecture......................................827-8
winding, electric, Aron, Hermann............................................841-2
winding key
concealed behind bezel.............................................................267-8
Harrison, James, longcase clock, 1727............................535
tipsy, David Poole.................................................................837
Windmills, Joseph, of London
bracket clock
marquetry case......................................................................511
silver mounted........................................................................584
characteristic features of movements.....................................522-4
lantern clock, by.................................................................166, 304
possible collaboration with Brounker Watts..........................522-4
watch......................................................................................397
Windmills and Wightman, of London, bracket clock.....6723
winged lantern clock, Tinham, Samuel, of Salisbury..........404
Winter, William, of London, watch chain maker, will............37
Winterhalter, Joseph, of Brno, wood carver
Jourdain, William, junior, longcase clock.........................189, 190
wire, silk-covered, manufacture of........................................841-2
wireless receiver
crystal set, Stockall & Marples, 'Big Ben'..........................65-6
Wireless Society of London.........................................................74
wireless time distribution
Eiffel Tower...........................................................................71-8
Frankfurt.................................................................................83, 85, 86
Observatory Time by Radio: 1901 to 1970,
by David Read..................................................................65-87
Prangins....................................................................................83, 86
Radiola (Radio Paris).............................................................78-9
Rugby.........................................................................................80
Wise, William, of Wantage, 30-hour clock dial......................398
Withers, John
family....................................................................................406
Timekeeping in the Second World War,
posthumous lecture................................................................406
Wirtz, Peter.............................................................................128
Wolf, Cheryl............................................................................263
Wolfendale, Sir Arnold..........................................................180, 690
Galileo Galilei: The First Mathematical Physicist..............691-2
President's Address..............................................................691-2
Wollgemuth, Gerhard..............................................................406
Wolverston, Benjamin, of London
lantern clock...........................................................................304, 444, 598, 6730
wood
black walnut...........................................................................708
cherry.....................................................................................708
wood, continued,
mountain laurel........................................................................708
Wood, lecture by Kevin Perry...............................................700-1
wood carver, Winterhalter, Joseph, of Brno...........................189, 190
Wood, John, of Grantham, longcase clock.........................546
Wood, John, of Grantham, watchmaker, will.........................42
Wood, John, of Southampton..................................................223
Wood, Peter
The Coventry Watch Heritage Trail, lecture.....................558-9
lecture report...........................................................................397-8
obituary...................................................................................559
Woodburn, Anthony................................................................516
Woodman, Philip, of London, watch case maker..................398
Woods, of Prescot, watch jeweller...........................................471
Woods, John, of Wigani..........................................................563-4
Worcestershire, tour of turret clocks.................................118-19
workshop
clockmaker's, reconstructed, at Callendar House..............697
Coventry, shortly before demolition.................................833, 834
Preston, Joseph & Sons, of Prescot..................................473, 474-5
World Heritage Item..............................................................475
Worshipful Company of Clockmakers...................................
see Clockmakers, Worshipful Company of
Worsley, Benjamin...............................................................750
Worthington, David, lecture report...............................558-9
Wrange...l, Carl Gustav ('Philocles').................................492-3
Wray, William, of Birmingham
turret clock, Selly Park, St Paul's Convent.........................703
Wright, Jan, portrait..................................................................395
Wright, Michael T.................................................................395, 675
Wright, Joseph, of Derby
painting of John Harrison.....................................................834
Wright, Michael T.................................................................395, 675
research into Antikythera mechanism..................................561
Wright, Samuel, of Northwich
longcase clock, lunar and date indication...........................56-7
Wrigley, Isaac, of Manchester, longcase clock,
carved oak case in memory of Jean Charpentier..............744-6
wrist-watch
Frodsham & Co.................................................................611
Haldemann, Beat, of Thun, tourbillon cage.........................127
Smiths, no. C235285, 'De Luxe' Cheltenham......................591
Vacheron & Constantin, Geneva
minute repeating.................................................................612
no. 696909.........................................................................14
Wson, “signature” on Chinese clock.................................711-12, 844
Wycheley, John, of Prescot...................................................265, 266, 457
will.........................................................................................266
Wyke, John, of Prescot.........................................................467

Y

year 2700, alterations to Ploermel clock required in.................790
Yoder, Joella.........................................................................5719
Yorkshire Longcase Clock Exhibition......................................30
Young, Dame Joan (d. 1603), tomb.........................................585, 625
Z

Zaanse clock
  Stapper, 1712...........................................................404-5
  Verloren, Simon Ferdinand?.........................................840
  Zeeman, Jaap.............................................................188
  Clock Case Styles, lecture........................................124
  For your further reading.........................138, 416-17, 851-2
  meeting report..................................................124, 404-6, 839-40

Zelinsky, Dr Eberhard.................................................809

Zelling, Andreas, of Hamburg
  watch, enamel-cased with scenes from Aethiopica.........344
Zenith, electric clock..................................................702
Zimmerman, Vincent, of Landshut, clock-watch.............812
Zytglogge, Bern.......................................................129, 130
ANTIQUARIAN HOROLOGY

AND THE PROCEEDINGS OF
THE ANTIQUARIAN HOROLOGICAL SOCIETY

INDEX

VOLUME XXXII

March 2010 to June 2011

THE ANTIQUARIAN HOROLOGICAL SOCIETY
TICEHURST
MMXIII
PAGINATION OF ISSUES

One  March 2010 -------------------------------------------------- 1–148
Two  June 2010 -------------------------------------------------- 149–304
Three  September 2010 ------------------------------------------ 305–472
Four  December 2010 -------------------------------------------- 473–604
Five  March 2011 ----------------------------------------------- 605–752
Six  June 2011 ----------------------------------------------- 753–892
Index  ----------------------------------------------- 893–956
LIST OF ARTICLES

The Gawen Brown Family and 'The Last Apprentice'
by Chris Watson

Claude Duchesne – Huguenot Clockmaker
by Glen Blake, Christine Wintle and John Gill

A Watch with Breguet’s Échappement Naturel
by Keith Orford

Twelve 10 x 8 inch Glass Plate Clock Negatives
by Peter Gosnell

The Life and Work of Louis Essen (1908–1997), Father of Atomic Time
by Ray Essen

Peter Litherland, Liverpool and the Rack Lever
by David Evans

Watch and Clockmakers of Hong Kong
by Bernard North

The Theorist and the Instrument Maker:
Early Communications in the Development of the Pendulum Clock
by Rebecca Pohancenik

Early English Japanned Table Clocks
by Robert Donaldson

Pocket Chronometer 912 by John Adam Mangaar
by Tony Proctor

The Notebook of Humphrey Hadley of Birmingham: Part 1
by John Robey

Clock Making in Twentieth-Century England and Wales: Part 1
by John Glanville and Bill Wolmuth

Turret Clock ‘Discoveries’
by Clive Ponsford

The Coster-Fromanteel Contract:
John Fromanteel’s Brass and Steel
by John C. Taylor

Clock Making in Twentieth-Century England and Wales: Part 2
by John Glanville and Bill Wolmuth

New Discoveries of Clocks by Samuel Roberts of Llanfair Caereinion
by W.T.R. Pryce

The Oeuvre of a Master Clockmaker
Henry Williams, Lancarvan
by William Linnard and Ed Cloutman

An Unusual English Lantern Clock
by John A. Robey

Watch-pads and Watch-papers
by Anthony Turner

Courtenay Adrian Ilbert, Horological Collector.
Part One: The Early Years, 1888–1930
by Paul Buck

Spendlove Clockmakers of Suffolk and Norfolk
by Trevor Spindler

Minute Repeating in Tompion’s Lifetime
by Sebastian Whitestone

Arnold’s Chronometer No. 176 and Vancouver’s Expedition, 1791–95
by Alan C. Davies
LIST OF ARTICLES (continued)

The Significance of Expense Books to Horologists. Horological Markets and the 1646−76 Experiences of James Master, a Kentish Gentleman
by Chris H.K. Williams ---------------------- 541

William Porthouse’s Remontoire
by Simon Johnson ---------------------------------- 550

A Table Regulator signed Dancer, Manchester
by Alfred Thomas ---------------------------------- 554

English Horology and the Great War
by Alun C. Davies --------------------------------- 635

Sidney Better – Watch Springer and Timer
by Paul Myatt -------------------------------------- 651

Admiral Lord Nelson and the Commemorative Domestic Clock
by Rory McEvoy ------------------------------------ 665

English Lantern Clocks with Iron Frames
by John A. Robey ---------------------------------- 689

The Tribulations of Jean Helot
by Anthony Turner ---------------------------------- 779

A Family of Longcase Movements with an Early Anchor Escapement circa 1670
by Alan Fersht -------------------------------------- 805

The Canonteign Turret Clock in Context. Clocks for Churches and Country Houses by the Pollard Family of Devon
by Liam Boyle and Clive N. Ponsford ---------------- 815

The Costs of Maintaining and Replacing a Seventeenth-Century Turret Clock
by Edward White ------------------------------------- 831

Catling Family Pocket Watches
by John David Stables ------------------------------- 837

Welsh Account Books and Horology in the Seventeenth Century
by William Linnard and Chris H.K. Williams ---------- 841

PICTURE GALLERY

The Dawson Workshops in London, Specialists in Repair and Restoration of Clock Cases -------- 97
Arnold Expedition Chronometer No 176 --------- 255
A Poorly Finished but Interesting 30 Hour Movement ----------------------------- 424

George Graham’s Watch Number 5193 -------- 558
John Harrison’s 2nd Marine Timekeeper H2 ------ 846
INDEX TO VOLUME THIRTY-TWO

Compiled by Andrew James and David Thompson

Page numbers in bold type denote an illustration

A

Aarts, of Tongeren, regulator, year duration........728
Abbing, Koen Roscam........................................581
Abbott, Lemuel Francis
  engraving of Battle of the Nile.........................671, 672
  portrait of Nelson........................................671
ABEC (All British Escapement Co.) Ltd..............243–4
  factory.........................................................243
Abeler, Jurgen
  compilation of horologists..............................566–7
  Meister der Uhrmacherkunst, reviewed................566–7
  account book (see also expense book)
Aubrey, Sir Thomas, of Llantrithyd.....................841–3
Gedling, Nottinghamshire, churchwardens'............835–6
Myddelton family, of Chirk Castle....................843–4, 845
Roberts, Samuel, of Llanfair Caereinion..............361, 363, 364,
  367, 374, 376–7

Welsh Account Books and Horology in the Seventeenth
  Century, William Linnard and Chris Williams.....841–5
Acctum Ltd........................................................360
“Act of Parliament” clock, see tavern clock
Adam, Robert, Blue Plaque for Knibbs..................496
Adams, George, sundial at Blair Castle...............869
Adamson Clocks, letter from Michiel van Hees......134
Adamson, Humphrey, of London
  Adamson Clocks, letter from Michiel van Hees......134
  signature.......................................................134
Adamson, John, of London..................................134
Addomine, Marisa, and Daniel Pons, Orologi da Torre
  – MAT Museo Arte Tempo di Clusone, reviewed........270–1
Adelsberger, Udo................................................291
Adic, of Edinburgh, barometer, cistern................580
Admiral Lord Nelson and the
  Commemorative Domestic Clock, Rory McEvoy.......665–88
advertisement (historical)
  Brown, Gwen, of Boston (1720–1801)...............31–2, 33
  Brown, Gwen, junior, of Cambridge, Mass..........37
  Clarion Clock Co............................................246
  Dennison Watch Case Company..........................439
  Elliott, F.W. Ltd, of Croydon.........................344, 345, 347, 350
  Fromanteel, Ahasuerus....................................579
  Hirst Bros, Tame Side.......................................239
  Litherland, Whiteside & Banning, of Liverpool...291–2
  Newbridge Clocks...........................................240–1
  Norland Clock Co. Ltd......................................247
  watch, by Parkinson of Liverpool, lost (draft)....226
advertising clocks, Baird Company....................124
AHS (Antiquarian Horological Society)
  see also Antiquarian Horology
    for meetings see AHS, main meeting
    for details of sections see AHS, name of section
  AHS (Antiquarian Horological Society), continued,
    AGM 2010
      advertised..................................................104–5
      minutes....................................................444–5
    AGM 2011 and AHS/NMM conference
      advance notice............................................447, 570, 574
      advertised..................................................711
    AHS News....................................................111–30, 279–89, 443–56,
      574–84, 715–29, 867–77
    Antiquarian Horology Volume I CD-ROM.............275
    Calendar 2010.............................................110, 278, 442
    Calendar 2011.............................................573, 714, 866
    Chairman’s Report, 2010................................443–4
    Committees.....................................................574
    Council members..............................................574
    Dr Alan Shenton Award
      2009, not awarded.......................................111
      2010, John Glanville and Bill Wolmuth............715
    Fellowship
      awarded to Dr Jeffrey Darken..........................867
      awarded to Ken Shenton................................445
    From the Editor, de Clercq, Dr Peter.............450
    journal see Antiquarian Horology
    Library Notes.............................................112, 279, 449, 575, 715, 867
    Main Lectures in 2011.....................................576
    The New Chairman..........................................448
    A New Vice-President......................................449
    Percy Dawson Medal
      2009, Dr Robert Donaldson.........................111
      2010, Rebecca Pohancenik.........................715
    prize for maker of Tompion replica...............335
    programme
      Spring 2010................................................108–9
      Summer 2010...............................................276–8
      Autumn 2010..............................................440–2
      Winter 2011...............................................571–3
      Spring 2011...............................................712–14
      Summer 2011...............................................864–5
    publications.................................................275
    Antiquarian Horology Volume I CD-ROM.............107
    Synchronome, by Robert H.A. Miles..................861
    The Retiring Chairman...................................448
    Secretary’s Notes..........................................450, 575–6, 715
    Student Bursary 2010, awarded to Jonathan Kelly..30
    Study Tour 2010 – Dresden and Berlin..............576–7, 716–21
      advertised..................................................111
    Study Tour 2011 – St Petersburg and Moscow......577, 716
    subscription, notice of increase for 2011.........575
    AHS, American Section
    October 2009, Tour of New England and
      Mid-Atlantic States.....................................122–30
AHS, Dutch Section
17 October 2009, Exhibition at Museum van het Nederlandse Uurwerk, Zaandam..119–20
21 November 2009, The Rebirth of a Renaissance Clock, and Eighteenth-Century English Practice..120
29 December 2009, oliebollen, and Your first clock..120–1
30 January 2010,
clockmaking members’ presentations..................456
20 March 2010, Bring and Discuss.................................................456
18 September 2010,
Beloved Friends, opening ceremony..................581–2
2 October 2010, Bring and Discuss.................................................581
23 October 2010, Beloved Friends, visit..................727–8
27 November 2010, Limburg Clocks,
lecture by Ruud Mestrom......................................................728
29 December 2010, oliebollen, and Your first clock........728
29 January 2011, Bring and Discuss...............................874–5
5 March 2011, Visit to Museum van Speelklok................875
2 April 2011, Max Richter’s Geodetic clock,
lecture by Paul Kersten..................................................875–6
AHS, East Anglian Section
21 November 2009, AGM, and Bring and Discuss.........117
23 January 2010, Notes on English Pocket Watches,
lecture by Ian Coote..................................................117–18
20 March 2010, The Post Office Speaking Clock,
lecture by Jan Wright..........................................................286
22 May 2010, presentations on various clocks............452–3
23 June 2010, Visit to Cambridge.................................453–4
23–24 July 2010, Tour with Turret Clock Group........581
25 September 2010, Clocks driven by air and
vapour pressure, lecture by David Read...................580–1
22 January 2011, The Hesketh Motorcycle,
lecture by David Sharp..................................................725
6 March 2011, Lantern Clocks,
lecture by Mike Cowham..................................................872
AHS, Electrical Horology Group
29 December 2009, AGM, and
Louis Essen, lecture by Ray Essen............................121
13 March 2010, The Bentley Clock,
lecture by John Hubert..................................................288–9
12 June 2010, 40th Anniversary Symposium
‘Electric Time’, advertised................................................106
27 November 2010, AGM, and
English Clock Systems, lecture by Martin Ridout........728–9
12 March 2011, Synchronome’s Wartime Activity,
lecture by James Nye..................................................876
AHS, main meeting (see also AHS: AGM)
19 November 2009, The Great Clock of Westminster,
lecture by Chris McKay..................................................112–13
21 January 2010, William Edwards Miller: Portrait Artist,
Horological Collector, Museum Benefactor,
lecture by David Thompson.............................................279–80
11 March 2010, Wiser after the Event? Researching and
Writing "Shaping the Day",
lecture by Paul Glennie..................................................280
15 July 2010, The Bowes Sloan, an eighteenth-century
automaton, lecture by Matthew Read......................577–8
advertised.................................................................273
AHS, main meeting, continued,
16 September 2010, Ahasuerus Fromanteel
and the Early Pendulum Clock in England,
lecture by Rebecca Pohancenik..........................577–9
advertised.................................................................274
18 November 2010, Hope and Glory: A Horological
Battle for Survival, 1910–1945, lecture
by Philip Whyte and Richard Stenning.................721
advertised.................................................................439
Leonard Nelthropp, lecture by David Thompson....867–8
advertised.................................................................568
10 March 2011, The Gretton Project,
lecture by Dennis Radage.............................................868–9
advertised.................................................................569
AHS, Midlands Section
7 October 2009, The Trials of a Diocesan Clocks Advisor,
lecture by John Plaister................................................115–16
2 December 2009, AGM, and ‘Club Night’.............116–17
3 February 2010, Northern Longcase Clocks,
lecture by John Robey..................................................284–5
3 March 2010, John Harrison and his
Ultimate Pendulum Clocks,
lecture by Dr Stuart Harrison............................................285
10 April 2010, Visit to Ashbourne..................285, 451–2
5 May 2010, Thwaites and Reed, Some Clocks and
Experiences, lecture by John Warner......................285–6
3 June 2010, Nicole Nielsen,
lecture by Tony Maragana.............................................452
6 October 2010, Dismantling and Reassembling a
Pocket Watch, demonstration by Owen Gilchrist........724
3 November 2010, South-West Lancashire and the
Lever Escapement, lecture by Alan Treherne..............724–5
2 February 2011, Armillary Spheres and Astrolabes,
lecture by Dr. Jim Bennett.............................................869–70
2 March 2011, A Miscellany of Foreigners,
lecture by David Thompson.........................................870–1
2 April 2011, AGM, and Bring and Discuss............871
AHS News..........................................................111–30, 279–89, 443–56,
574–84, 715–29, 867–77
AHS, Northern Section
13 November 2009, The Battery Powered Revolution,
lecture by Martin Ridout................................................114–15
11 December 2009, Social Evening and DVDs........282
12 February 2010, AGM, and Club Night:
Projects on the Go......................................................282–3
12 March 2010, Horological Tour of the USA,
lecture by Colin Walsh..................................................283
9 April 2010, Club Night: Bring and Discuss, ‘K’......284
AHS Prize for Maker of Tornion Replica..........................335
AHS, Scottish Section
24 October 2009, AGM, and Bring and Discuss........113
21 November 2009, Visit to a private collection.........113–14
23 January 2010, A brief look at the state of
chronometry in 1800, lecture by David Veitch........281
20 March 2010, Clocks I have Constructed,
lecture by Jürgen Tübbelcke.............................................281–2
10 April 2010, A Geocentric Planetarium,
lecture by Archie McQuarter...........................................282
5 June 2010, Visit to Hopetown House.....................450–1
AHS, Scottish Section, continued,
18 September 2010, Clock cases and their Restoration, lecture by Jim Hardie..................579–80
30 October 2010, AGM, and Upgrading Bulle Clocks, lecture by Archie McQuater..............722
6 November 2010, Restoration of slate clock cases, lecture by Brian (Sid) Lines..................722
20 November 2010, Update on Clackmannan clockmakers, lecture by Bob Lindsay...........723
29 January 2011, Watch and Clock Collecting in the 21st Century, lecture by Ashley Strachan..723–4
19 March 2011, Scottish Sundials, lecture by Dr. Alison Morrison-Low.........................869

AHS, South Eastern Section
5 December 2009, Bring and Discuss.........................118–19
6 February 2010, Carriage Clocks, lecture by Ron Rose...........................287
3 April 2010, Vintage Wristwatches, lecture by Justin Koullapis.................................287
5 June 2010, The Princeps System, lecture by David Read...............................454
16 October 2010, AGM, and Harrison Turret Clock Replica, lecture by Andrew King........725–6
5 February 2011, Bring and Discuss.........................872–3

AHS, Southern Section
12 December 2009, Bring and Discuss.........................119
20 February 2010, Clock Manufacturing in Soho, Handsworth, Birmingham, 1760–1934, lecture by David Hornsey 287–8
1 May 2010, Clock Case restoration, lecture by Simon Macintyre...............................288
9 July 2010, Visit to the Science Museum..................455–6
6 November 2010, A Jubilalee clock, lecture by David Higgon...........................726–7
12 February 2011, An Introduction to Domestic Electric Clocks, lecture by Martin Ridout........873
Ken Shenton and Derek Frampton.........................873
26 March 2011
Admirals Anson, Rodney and Nelson, lecture by Rory McEvoy.................................874
Clocks by George Pyke, lecture by Britanny Cox.........................874
Restoration of a wall clock by Duston, lecture by Sean Martin..............................874
7 May 2011, English Watch and Clockmakers trading to the Ottoman Market 1580–1815, lecture by Ian White.................................874

AHS, Turret Clock Group
15 May 2010, Motion Works and Dials..........................582–3
23–24 July 2010, Tour of Ely and Cambridge..................583–4
1–2 October 2010, AGM, and Tour of Somerset.........729
16 April 2011, joint meeting with FachKreis Turmuhren.................................876–7

Airy, Sir George Biddell........................................539
alarm clock
Browne, Thomas, of Bristol, lantern clock....................13
Schepers, Cesare, of Florence, carriage clock, strike and repeat.................................325
Whitehurst, of Derby, wall clock..........................871
Williams, Henry, of Lancarvan, longcase..................385–6
alarm clock, bracket
Dunlop, Andrew, of London.................................24
Ellicott, John, junior, of London..........................607
Fromanteel and Clarke, tortoiseshell, double basket 481
Jones, Henry, of London, ebony, push/pull repeat........4–5
Knibb, John, of Oxford, timepiece, quarter-repeat......768
Quare, Daniel, and Stephen Horsemann, no. 238 (248), green japanned case..............210–11
alarm watch
Tompon, Thomas..............................................511
Tompon, Thomas, and Edward Banger, no. 114........................................559, 734
Viner, of London................................................873
Albertis, Giovanni Baptista de bracket clock, weight driven......................................512
alcohol, vapour used to drive clock................................580–1
Alexander the Great, vigil of, clock with figure depicting..........................334
Alker, T............................................................554
Allam, William, of London bracket clock, ebonised, brass mounted.........................489
Allen, Elias, of London sundial................................268
Allexandre, Dom Jacques.................................266
Allix, Charles, and Giuseppe Brusa..........................170, 174
Allman, William, and Mangaar, John Adam, of London watch..............................589
Allman, William, of London.................................221, 589
Almanus Manuscript, replica clocks made by Ian Hammond.........................30
Alta, Reverend Eelco...........................................333
American Screw Clock Co., gravity clock..........................127
American Section, see AHS, American Section
anemomètre, noon dial, Greenwich..............................880
analysis, metallurgical, call for in respect of Coster and Fromanteel clocks..............586, 588
anaphoric clock...................................................264
Anderson, D., dial supplier.................................681–2
Anderson, J.H.....................................................375
Andrew & Co. Ltd.................................248, 249, 353, 355, 358
Andrew, Neil Lacquer Clocks and Claudius Duchesne, letter..........................457
More on the Portrait of Man with Watch, letter........292–3
Andrewes, William J.H., obituary of Seth Atwood........175–7
 Anglo American Clock Company..........................235
Anglo-American Watch Company..........................563
Anson, George, Admiral, 1st Baron Anson..................874
commemorative clock.........................................665–6
Ansonia Clock Company........................................235
Antikythera mechanism........................................263
replica.........................................................117
Antiquarian Horological Society, see AHS
Antiquarian Horology........................................443
changes to article format..................................450
Indexing the journal, by Peter de Clercq..................629
New Printers, by Peter de Clercq..........................775
Anvil, trademark...........................................355–6, 358
possible origin of................................................354
apparent time, see dial, equation of time; dial, solar time; equation of time
Appleyard, Revd J. Ruskin.................................506
apsides, lunar.................................................................564
Arbuthnot, Philip, japanner........................................203
Archer, Malcolm, skeleton clock.................................727
Archer, Walter, of Stow on the Wold, lantern clock........758
Arkwright, Richard, of Cromford, inventor..................452
armillary sphere..........................................................264
German, table clock, with lion automaton....................21

Armillary Spheres and Astrolabes,
lecture by Dr. Jim Bennett........................................869–70
Arnfield, Jim, pivot burnishing machine.......................283
Arnison, Janet and David............................................553
Arnison, Thomas and Mary..................................551, 552–3
Arnold, John, of London
Arnold Expedition Chronometer no. 176,
Picture Gallery.........................................................149, 255–62
Arnold’s Chronometer no. 176 and Vancouver’s
Expedition, 1791–95, by Alun C. Davies............532–40
‘Chelsea bun’ compensator.........................................858
chronometer box labels.............................................258
chronometer, marine..................................................540
no. 5........................................................................539
no. 14.................................................................532, 534, 537, 539
nos. 61 and 72.......................................................540
no. 82......................................................................532, 533, 536
repair, bills for........................................................539
no. 176..........................255–62, 532, 532–40
movement..................................................259, 262, 534
performance.....................................................537, 538
repair, bills for........................................................539
nos. 36 and 37, Royal Society...............................532
chronometer, pocket................................................220
compensation, temperature...................................858
numbering alteration...........................................256, 262
pendulum, five-bar gridiron......................................859
pyrometer.................................................................859
signature.................................................................259, 260
visit from Thomas Bugge.........................................858
Arnold, John Roger, of London.................................539
longcase regulator, month duration.........................454
trade label...................................................149, 256, 257, 258
watch, no. 103, gold, ruby cylinder, keyless..............507

Arnold’s Chronometer no. 176 and Vancouver’s
Expedition, 1791–95, by Alun C. Davies............532–40
Arnott, Phillip, Dawsons and W.A. Knight, letter........290
Artisans, College of..................................................578
artist, Miller, William Edwards..............................279–80
ASDIC set 144..........................................................876
Ashbourne
church of St Oswald..............................................451–2
Haycock workshop................................................451–2
Visit by Scottish Section...........................................451–2
Ashmole, Elias..........................................................578
Assman, Julius.........................................................717
Aston and Mander Ltd..............................................350
Astral, trade name of Smiths......................................244
astrarium, de Dondi’s, reconstruction by Henk Gipmans..332

Astrolabes and Armillary Spheres,
lecture by Dr. Jim Bennett......................................869–70
astrolabic clock, see astronomical clock

astronomer, Dancer, John Benjamin.........................557
Astronomer Royal
1st, John Flamsteed.................................................335
5th, Nevil Maskelyne................................................534
7th, Sir George Biddell Airy.....................................539
9th, Sir Frank Dyson..................................................647
10th, Sir Harold Spencer Jones, FRS.....................648, 651
astronomical clock
exhibition, Zaandam.............................................120–1
German, automaton table clock with armillary sphere...21
Hampton Court Palace............................................876–7
astronomical clock, by
Baldewein, Eberhard, Planetenlaufuhr.......................718
Du Chesne, Claude, of London...............................457
Fanfago, Pietro, turret clock....................................271
Ghiesbrecht, Michel, of Brussels.............................710
Hodzelmans, Wim....................................................120
Hopland, Carl..........................................................120
Janvier, Antide..........................................................630–3
Knip, Gerrit, of Amsterdam..................................120–1
Oursain, Nicholas......................................................876–7
Rittenhouse, David....................................................128
Tompion, Thomas, astrobatic, longcase.................453
astronomical compendium, see compendium, astronomical;
sundial
Asylum, Watch and Clockmaker.........................347
atomic clock.........................................................86–9
Atomichron.................................................................89
Cs1...........................................................................88
Atomic Time, editorial, by Peter de Clercq...............27
Atwood, Pat, portrait....................................................176
Atwood, Seth G.
clocks and watches commissioned by.....................176
death of reported.....................................................28
obituary, by William Andrews..............................175–7
portrait.................................................................176
Aubrey family, of Llantrithyd Place.......................380, 841–2
history of.....................................................................842
Sir Thomas, accounts of...........................................841–2
Aubrey, John............................................................842
Auch, Jacob, of Seeberg and Weimar.......................592
audience clock, Janvier, Antide, no. 350..............621–3
automaton
Merlin, John Joseph, silver swan..........................273, 577–8
automaton clock.....................................................705–6
German, table clock, lion with armillary sphere........21
pagoda clock.........................................................497, 706
rocking ship in arch.................................................666, 673
automaton clock, by
Beaumont, William junior, of London,
longcase clock, ¼ chiming.......................................613
De Belle, of Paris, singing bird (attrib.).....................754
Brown, Gawn, of Edlingham, London, and Boston,
(at Boston), longcase clock, rocking ship.............32–3
Chance, John, of Chestprow, longcase clock,
rocking ship, commemorating Rodney.....................666–7
Cox, James, of London............................................455
(attrib), gold and agate, musical.......................150, 306
musical bracket clock............................................497–8
vases........................................................................706

ANTHOCARAN HOROGY
900
automaton clock, by, continued.
Druy, of London, gold and agate, musical........150, 306
Falconer, George, & Co., of Hong Kong, bracket clock...............................................185–7
Hartmann, Francois-Joseph, of Paris..................627
Henkels, Jan, of Amsterdam................................451
Mell, Davis, of London....................................588
Rimbault, Stephen, of London
longcase clock, moving eyes............................764
musical, japanned case....................................465
Spendlove, John, II, of Thetford, longcase clock....521
Vlijmen, Hendricus van, of Amsterdam, longcase clock.456
Ayers, Charles Robert, architect.........................818

B
Babbage, Charles.............................................578
Babbage, John, church warden...........................820
Bacchus............................................................785
back cock, two-part, Thorp, Samuel, of Abberley....733
Backaert, of Paris, cartel clock................................720
BADUF (Badische UhrenFabrik)..........................245
Baglee, G..........................................................655
Bagnioli, Mario, study of patents.............................194
Bailey, Chris, talk on Eli Terry...............................124–5
Baillie, Granville Hugh.........................................516
Baird Company, advertising clocks......................124
balance cock, silver
Harris, Joseph, of Maidstone, watch.....................118
Ryland, Jonathan, of London, watch.....................118
balance, compensation
Airy’s, Frodsham, Charles, of London, no. 3178......184
Arnold, John double-T..........................................858
Z...............................................................256, 257, 259–62
auxiliary correction..............................................281
Motel’s 4-arm..................................................759
three-armed,
Mangaar, John Adam, of London, no. 912.............223
balance, floating................................................249
balance spring
conical, Motel, Henri, of Paris, no. 107..................759
gold..............................................................257, 259–61, 535
helical, Bertolla, of Paris, carriage clock..................892
balance wheel lantern clock, see lantern clock: balance wheel
Buldewein, Eberhard, Planetenlaufuhr....................716, 718
Ball, Peggy.......................................................654, 655
Ball, William, of Bicester, lantern clock................758
Banning, see Litherland, Whiteside & Banning, of Liverpool
Barbe, David......................................................781
Barber, Jonas, of Winster........................................674
Barker, Thomas, watch-case maker.......................522
Barlow, Edward................................................529
Barlow, William, of King’s Lynn, lantern clock........758
barometer (unattributed)
Louis XVI, carved and gilded wood..............466, 746, 886
barometer, by
Adie, of Edinburgh............................................580
Birchall, mahogany and kingwood, angle, 1835........165
Quare, Daniel, of London, walnut portable pillar.....168
barometer clock
Frodsham, of Paris, mantel clock.........................451
Thuret, of Paris, Boule case.................................125
Barr, Mrs Wendy.................................................444
AGM minutes 2010..............................................444–5
Secretary’s Notes................................................450, 575–6, 715
Baraelough, of Yorkshire.....................................270
Barratt Silver Medal, awarded to Jonathan Betts........443
Barraud and Lund, of London, watch-paper.............421
Barraud, Hilton P., of London..............................180
barrel-bar or name bar........................................459
barrel, tandem....................................................587
Barrow, John, of London, lantern clock.............16, 154, 318, 484
Barry, Charles....................................................431
Bartley & Eggert, of Bristol, longcase clock, Nelson....672–3
basket-top case bracket clock, by
Bille, John, of London, ¼ repeat, ebony..................483
Bushman, John, of London, ¼ repeat......................160, 488
Fromanteel and Clarke, of Amsterdam
grande sonnerie, alarm, double basket top............481
Jones, Henry, of London.................................474
Jourdain, William, of London, double basket top......878
Windmills, Joseph, of London, japanned case.........205–6
Bassereau, mantel clock, French............................746
Bateman, Douglas A.............................................121
For your further reading.................................296, 744, 884–5
Restoration of Sundial at Greenwich Observatory ...
an Appeal, letter..................................................880
Bateman, Michael L..............................................92
battery, Earth Batteries, lecture by James Nye..........289
Batte Axe, trademark............................................356
battle of
Blenheim, commemorative clocks.......................665
Copenhagen......................................................739
Finisterre, commemorative clocks.........................665–6
the Nile.........................................................668, 669
commemorative clock........................................670, 671
engraving.......................................................671, 672
freedom box depicting......................................671
the Saints, commemorative clock.........................666–7
Trafalgar.........................................................668, 739
Baxter, Thomas, artist...........................................676–7, 678
Bayley, Charles, watch, silver, pair case, champlain dial......482
Beaufort, 5th Duke of...........................................669
Beaumarchais, Pierre Augustin Caron....................119
Beaumont, William junior, of London
longcase clock, ¼ chiming, automaton..................613
Beijing, Royal Palace Museum clocks loaned to Utrecht, Museum van Speelklok........875
Beijer, Matthias..................................................203
Belchir, John, japanned furniture maker................204
Belgian clockmaking............................................320
Belgische uurwerken en hun makers AZ,
by Eddy Fraiture, reviewed.................................709–10
bell
latern clock, fastening of.........................690, 691, 694
minute indication..............................................554, 556
‘pork pie’ shape..................................................76, 77, 78
De Belle, of Paris, vase clock with singing bird (attrib.)....754
Belling, John, of Truro, movement construction........690
Belmont, Kent........................................131–2, 204–5, 293, 294
Benjamin, Alfred..........................................247
Bennett, Dr J. A. (Jim).....................................193
Armillary Spheres and Astrologicals, lecture........869–70
Bennoist, David...............................................781
Benoit, ebauche maker.....................................63
Benson, James W., of London, turret clock........375
Bentima Ltd........................................231, 234, 248, 249, 343, 353–60
Bentley, P.A.
The Bentley Clock, lecture by John Hubert........288–9
Bérale, ebauche maker.....................................63
Berlin, study tour............................................577
Bernaudat, Charles........................................60, 62, 63, 64
Berrolla, of Paris
carriage clock, giant, calendar, ¼ striking...........892
Berry, Edward, Captain....................................671
Berry, James, of Prescot..................................725
Berteaux, of Thuin, iron chiming movement.........456
Berthoud, Ferdinand.......................................540
Berthoud, Louis, of Paris, watch, no. 2433, decimal dial...491
Besson, Susanne.............................................46
Best Watchmaker Prize for Anthony Randall...........29
Better, Sidney, of London
Sidney Better – Watch Springer & Timer,
by Paul Myatt.............................................651–64
deck watches
nos. 2, 6, 7, 12.................................................660–3
nos. 8, 14.........................................................660–3
no. 20 (dial).......................................................660
no. 2485..........................................................658–9
no. 2563..........................................................659
no. 93539.........................................................659–60
nos. 97631, 151348, 151351, 151352......................658
eyearly years.................................................652–4
trade card.......................................................653
betting clock....................................................871
Betts, Bob
St Roche’s lecture, 2010, The expression of time........334–5
Betts, Jonathan............................................425, 537, 540, 579, 647
Barratt Silver Medal awarded to......................443
book review...................................................435–6
A Clock Signed Jan van Call, letter...............591
conservation of Harrison H2.............................846–54
Derek Pratt Remembered.................................28–9
Lord Harris on Breguet’s Watch 1135, letter........293
Main Lectures in 2011........................................576
More on Duchesne, letter................................294
obituary of Derek Pratt...................................28–9
portrait of.......................................................850
Smith’s Night-Watchman’s Clocks, letter...........131–2
BHI, see British Horological Institute
Big Ben, see Westminster, Great Clock
Billie, of Chewstoke........................................391, 395–6
Bille, John, of London
bracelet clock, ¼ repeat, ebony, basket top...........483
Birchall
barometer, mahogany and kingwood, angle, 1835.....165
Bird, Clifford
death of reported...........................................28
obituary, by Ian Coore.................................174–5
Bird, Reverend David......................................113
Bird, Yvonne.................................................175
Birmingham, Nelson’s visit to, 1802.................669, 688
The Birmingham Associated Chain Company........721
The Birmingham Tool and Gauge Company........721
Bissett, James...............................................670, 688
Biver, Jean-Claude..........................................565
Blackie, George, of Clerkenwell.........................868
Blair, George, of Clerkenwell..............................869
Blake, Glen..................................................540, 548
Claude Duchesne – Huguenot Clockmaker..........43–51
A Record of the Death of Claude Duchesne, letter....730–1
Blasscha, Leopold and Rudolf, glass flower models...124
Blenheim, Battle of, clocks commemorating.........665
Bligh, Captain William....................................256, 539
Blue plaque for Knibbs, by Robert Adam...........496
Blundell, [Henry], of London
carriage clock, rosewood fusee.........................151
Blyth, E.C.V., of Clacton-on-Sea.......................735
Bohm, Marcus, of Augsburg, telleruhr..................512
Boizard, Louis Pierre, of London, engraver...........419
Bonaparte, Joseph..........................................53
Bond, Richard, no. 394, regulator......................123
Bond, William & Son, of Boston
astronomical regulator, no. 396..........................623
Bonnisken, Bahne..........................................651
Isochronous Speedometer...............................284
Abeler, Jürgen, Meister der Uhrmacherkunst.........566–7
Addomin, Marisa, and Daniel Pons, Orologi da Torre
MAT Museo Arte Tempo di Chloe........................270–1
Chayette, Hervé, Jean-Claude Sabrier and
Anthony Turner, Breguet chez Chayette...........708–9
Chellar, Kevin and Carol, 300 Years of
Irish Timekeeping.........................................438
Cronin, John, The Marine Chronometer,
is History and Development...........................435–6
Cummins, Genevieve, How the Watch was Worn:
A Fashion for 500 Years.................................562
Davis, John, and Michael Lowne, The Double
Horizontal Dial and associated instruments..........266–8
Eagleton, Catherine, Monks, Manuscripts and
Sundials: the Navicula in Medieval England........432–5
Elliott, Anthony,
Finding and Restoring Longcase Clocks..............268–9
Firth, David,
Yorkshire Longcase Clocks & Their Makers.........269–70
Fraiture, Eddy,
Belgische uurwerken en hun makers AZ...........709–10
Gatto, Martin, The Tavern Clock.......................271–2
Graf, Johannes, Der kunstreiche Uhrmacher –
Kostbarkeiten aus der Bibliothek des
Deutschen Uhrmuseum..................................706–8
Hayard, Michel, Antide Janvier.........................855–6
Hoppes, Ronald R., The Most Important Clock in
America: the David Rittenhouse Astronomical
Musical Clock at Drexel University....................563–5
McKay, C. G. (Chris), Big Ben: The Great Clock
and the Bells at the Palace of Westminster.........431–2
book review, continued,
Priestley, Philip, Aaron Lufkin Dennison: *An Industrial Pioneer and his Legacy*........563
Roberts, Derek, *A Life with Antique Clocks*........103
Simonin, Antoine, and Estelle Faller, *Dix Ecoles d’Horlogerie Suisse – Chef-d’Oeuvres de Savoir-Faire*........565–6
van Wely, Bob, and others, *Schatten uit de Verhoven Stad / Treasures from the Forbidden City*........705–6
books, horological, German up to 1850..................706–8
Boon, C. J., van, Franklin clock..................278
Borda, Jean-Charles........................................491
Borel, Pierre..................................................196
Borgzinners Ltd.................................................636
Bossu, Elizabeth.................................................43
Boston (Massachusetts)
 ‘Boston Tea Party’............................................37
Old South Meeting House..........................36, 42
*The Boston (Massachusetts) Evening Post*
Gawen Brown, advertisement, 1749..............31–2
Borje, Harm
*18th-Century Dutch Planetarium Recreated*..........333–4
Boucheret, of Paris, table clock (bélieutenant)........875
Bougele, Joseph, of Pennsylvania
longcase clock, calendar and other indications........129
Boure, André-Charles, marqueteur........................266
Thuret, of Paris, barometer clock........................125
Boule marquetry
Bunot, of Paris (Claude Duchesne?), bracket clock.....49
Du Chesne, Claude, of London, bracket clock..........49
Boulliou, Ismael................................................199
Boulot, Matthew
clock case......................................................720
clock, one-wheeled........................................288
Soho (Handsworth, Birmingham) manufactory........287–8
Nelson’s visit to, 1802..................................669
Bournon, William, of Clerkenwell, watch case maker.....838
Bove Brothers & Co., of Canton..........................188
bow, safety......................................................721
Boyce, James, of London
bracket clock, ¼ repeat, japanned case..............210, 211
Boyle, Alison..................................................455
Boyle, Liam and Ponsford, Clive N.
*The Canonteign Turret Clock in Context*........815–30
bracket clock (see also mantel clock; marquetry case, bracket clock; pendulum clock, early development of; table clock)
brocket clock, by
Albertis, Giovanni Baptista de, weight driven..........512
Allam, William, of London, ebonised, brass mounted...489
Bille, John, of London, ¼ repeat, ebony, basket top....483
Boyce, James, of London
¼ repeat, japanned case................................210, 211
Browne, John, of London, ebony timepiece.............612
Bunot, of Paris (Claude Duchesne?)
¼ repeat, Boule marquetry case..........................49
Bushman, John, of London, ¼ repeat..................160, 488
bracket clock, by, continued,
Clarke, George, of London
musical, Turkish numerals................................512
Cox, James, of London, musical, automata..............497
Cragg, John, of Southampton................................512
Currie, William, of London..................................316
De Bauffre, James, of London
¼ striking 3-train, blue japanned case..................210
De Charmes, Simon, of London
¼ repeat, japanned case..........................207, 209, 212
musical, japanned case..........................208–9
red tortoiseshell case..................................457
Delander, Daniel, ebony, ¼ chiming, silver dial........3
De St Leu, Daniel, of London, lacquered case..........163
Dorrell, Francis, of London, ¼ chiming, ebonised......624
Du Chesne, Claude, of London
¼ repeat, Boule marquetry case,
signed Bunot à Paris.........................................49
ebony ¼ striking..............................................1, 47
miniature......................................................457
red japanned case..........................................209, 210
Dunlop, Andrew, of London, alarm dial in arch........24
Dutton, William, & Sons, of London, ebonised..........6–7
Elichott, John, junior, of London
3-train, red japanned case..........................216, 218
¼ chiming, ebony, brass mounted.........................607
japanned case.............................................214–15
walnut, brass moulded, strike and alarm..............607
Falconer, George, & Co., of Hong Kong
three-train, perpetual calendar, automaton............185–7
Fromanteel, Ahasuerus, of London, grande sonnerie....161
Fromanteel and Clarke, of Amsterdam
grande sonnerie, alarm, tortoiseshell,
double basket top..............................................481
Graham, George, of London, 3-train, red japanned....216
Gray, Benjamin, and Justin Vulliamy
no. 228, ¼ repeat, ebony, gilt mounted.................628
Gretton, Charles, of London, four subsidiary dials......569
Johnson, Benjamin, of London, walnut, ¼ repeat.......313
Jones, Henry, of London
¼ repeat, ebony, basket top................................474
¼ repeat, ebony, Knibb workshops?.......................453, 730
ebony, alarm, push/pull repeat............................4–5
Jourdain, William, of London, double basket top......878
Kipling, William, of London, japanned case...........214
Knibb, John, of Oxford, timepiece, 1¼-repeat, alarm....768
Knibb, Joseph, of London..................77–8, 453, 496, 730
ebony, Dutch striking................................494
japanned case, 3-train ¼ striking.........................204–5
red japanned case...........................................457
Roman striking..............................................76
silver skeleton dial, ¼ striking............................329, 774
Lautier, Benjamin, of Bath, mahogany timepiece........486
Markwick, James, junior, of London
green japanned case......................................217–18, 219
Molyneux, of London.......................................312
Penleaze, David, ¼ repeat, six bells.......................118
Pistor, Edward, of London, ¼ chiming..................20
Prior, George, of London
  japanned case.................................457
  ormolu mounted................................164
Quayle, Daniel, and Stephen Horsemann
  no. 187, ¼ repeat musical.........................211
  no. 238 (248), alarm, green japanned case.....210–11
Rimbault, Stephen, of London, musical, japanned case, automata..........................465
Sidey, Benjamin, of London, mahogany, bell top........745
Stanton, Edward, of London, silver mounted..........330
Stones, Thomas, of London........................327
Taylor, Jasper, of London, verge, pull-quarter repeat...117
Thorp, Samuel, of Abberley........................731–3
Tompion, Thomas, and Edward Banger, no. 443,
  commemorating Blenheim,........................665
  miniature...........................................615
  no. 22, ¼ repeating timepiece..............73–4
  no. 161........................................813, 814
  un-numbered, Dutch striking...............78–9
Viet, Claude, of London, musical, japanned case.....457
Viner & Co., of London, mahogany................490
Vulliamy, Justin, of London, ¼ striking.............476–7
Walker, Peter, of London, ¼ repeat, japanned case...214
Waters, John, of London, commemorating Blenheim...665
Wheatley, William, ebonised, ¼ chiming.............20
Williams, Henry, of Lancerian.....................386, 398
Williamson, Robert, of London.....................762
Windmills, Joseph, of London
  3-train, red japanned case......................215–16
  ¼ repeat, white japanned cases..............212–14
  japanned case......................................205–6
  red japanned case..............................215–16
Windmills, Thomas, of London
  ¼ repeat, green japanned case...............216, 217
Wright, William, of London, ebony, repeat, lunar dial.19
Bradhaw, Samuel, of Manchester, watch..............417
Bradwell, Samuel, of Gedling, blacksmith...........833
Braun, F.J...........................................446
Braun, Thomas, Holywell............................375
Brethe, Roger, see Roger, of Brecht
Breguet, archive....................................708–9
Breguet, Abraham Louis,.............................632
Breguet chez Chayette,
  by Chayette, Sabrier and Turner, reviewed.....708–9
  decimal watch.....................................125
  dial design.......................................56
  échappement naturel.............................52–70
  notebooks......................................52, 53–4, 67–70
  secret signature.................................56
  stop work..........................................61
  tourbillon watches..............................65
  use of platinum....................................61
Breguet, Abraham Louis, continued,
  no. 1484............................................62, 63–4
  no. 1711 (later 2099)..............................62, 63
  no. 2179............................................64
  no. 2377 (not by Breguet).........................511
  nos. 4374, 4580.....................................55
  workshop records................................60
Breguet et fils
  carriage clock, no. 179, ¼ repeat, alarm, moon.....167
  Bridgeman, Lady Mary..........................782–3
  Bristol, clock time and clock ownership in........280
  Britannia, trademark................................356, 358
  Britannia, Lady Hamilton depicted as...........678
  British clock and watch industry in the
  twentieth century...............................231–49, 343–60, 457–8, 635–50
  manufacturers, table of............................232, 360
  production, imports and exports.................231, 233, 249, 642–4
  British Horological Institute.....................344, 443, 448
  (see also museum, Upton Hall)
  Barratt Silver Medal awarded to Jonathan Betts....443
  debate over industry.............................650
  East of Scotland Branch meeting with AHS,
  6 November 2010....................................722
  Harrison project (RAS regulator replica)...........283
  import duty on watches, 1915, views on...........640
  training of disabled ex-servicemen..............649
  Wessex Branch......................................633
  British Institution................................681
  British Sundial Society..........................266–7
  British United Clock Company......................233, 235–6, 458
  British Watch & Clock Makers’ Guild...............648
  Broad, Miss Phoebe, clock by Samuel Thorp made for.731–3
  Brodie, Francis....................................425
  brooch watch......................................636
  Brooker, Peter Cannon............................293
  Brosy, Johann Paul...............................529
  Broughton, Henry, 1st Baron Brougham and Vaux......140
  Broughton, Lt William Robert.....................534
  Brown, Colin and Mary, The clockmakers of Llanwrst.....366
  Brown, David.....................................874
  Brown, Gawen, The Gawen Brown Family and
  ‘The Last Apprentice’, by Chris Watson.............31–42
  Brown, Gawen, of Edlingham, London, and Boston
  (1720–1801)
  advertisements, Boston, 1749–69....................31–2
  early life..........................................31
  family.............................................33
  final years........................................40
  friendship with John Holmes......................33–5
  longcase clock (Boston)
    mahogany..........................................35–6
    rocking ship, penny moon, lacquered case........32–3
  longcase clock (Edlingham), lunar indication, calendar.31
  move to Boston, Massachusetts....................31–2
  notebook..........................................225
  portrait, possibly of.............................33, 34, 41–2
  Brown, Gawen, junior, of Cambridge, Mass.
  (1754–1789)
  advertisement, 1775................................37
  apprenticeship to John Holmes.......................31, 37

ANTiquarian Horology

904
Brown, Gawen, junior, of Cambridge, Mass, continued,
   Army life..............................................................37–8
   later life..............................................................38
   return to Boston...................................................37
Brown, Mather Byles, artist
   early years and visit to London, 1781.........................38–9
   eminent career......................................................39–40
   final years...........................................................40
   portrait of John Smeaton FRS....................................39
   self-portrait..........................................................40
Brown, T., of Manchester............................................423
Browne, John, of London, ebony bracket timepiece...........
   see
Browne, Thomas, of Bristol
   lantern clock, copper dial plate...............................13
Bruce, Alexander, 2nd Earl of Kincardine......................195, 196, 723
Bruce, Alexander, of Manchester
   watch.................................................................284
   watch-paper........................................................423
Brunner, Sir Hugh........................................................496
Brunton, John, of London
   chronometer, marine, no. 503.................................14
Brusa, Giuseppe, see Allix, Charles, and Giuseppe Brusa
Bryden, Dr D. J.......................................................139
Bryson, Alexander, of Edinburgh..................................724
Bryson, Robert, senior, of Edinburgh..............................724
Bryssel, table clock....................................................453
BUCC (1907) Ltd.......................................................236
Buck, Paul...............................................................174

Courtney Adrian Ilbert, Horological Collector,
   Part 1: The Early Years, 1888–1930.........................499–516
   portrait...............................................................473, 514
Buckley, [Francis], antiquarian horologist......................516
Buenger, Elias.........................................................234, 353, 354–5, 356, 359
   portrait...............................................................357
Buffett, John, of Colchester, lantern clock.....................758
Bugge, Thomas.........................................................856–60
Bull, Simon................................................................531
Bullard, Edward.........................................................87, 88
Bulle clock
   Upgrading Bulle Clocks, lecture by Archie McQuater......722
Bullock, Edmond, of Ellesmere, clockmaker.....................844, 845
Bullock, Richard, of London.........................................45
Bulova, Thermatron wristwatch.....................................119
Bundock, Mike..........................................................582
Bunot, of Paris (Claude Duchesne?)
   bracket clock, ¼ repeat, Boule marquetry case.............49
Burch, F. (Freddy).......................................................656
Burdon Brothers, of Salisbury.....................................236
Burgess, Frank William...............................................876
Burgess, Martin, skeleton clock, compound pendulum.........129
Burnap, Daniel, of East Windsor, Connecticut, notebook...225
Burridge, Dorothy.......................................................819
Burroughs, John, japanner............................................203
Burrows, R.O., portrait...............................................359
Bury St Edmunds
   Manor House Museum.............................................633
   Moyse’s Hall Museum...............................................634
Bushman, John, of London
   bracket clock, ¼ repeat, basket top, date.................160, 488
   Bushy House, Teddington........................................82, 84–5

Byles, Revd Mather (1706–1788)......................................33
Byles, Revd Mather (1734–1814)....................................39

C

Cabinet maker (see also clock case maker)
   Moore, James, the Elder........................................212
   Petronzio, R. and Sons............................................245–7
Cabrier, Cl., of London
   watch, no. 3331, repoussé case, champlévé dial........508, 509
Cain, Miss Ethel.......................................................286
Caldicott Castle..........................................................379
   calendar, development in antiquity.........................263
   calendar dial, see calendar indication; dial, annual calendar
date, calendar, French Republican
   Hartmann, Francois-Joseph, of Paris, mantel clock........627
   calendar indication, bracket clock, by
      Allam, William, of London, ebonised, brass mounted. 489
      Bille, John, of London, ¼ repeat, ebony, basket top.....483
      Boyce, James, of London,
         ¼ repeat, japanned case....................................208, 209
      Bunot, of Paris (Claude Duchesne?)..............................210, 211
      Bushman, John, of London, ¼ repeat, basket top........160, 488
      Curtean, William, of London.....................................316
      De Bauffre, James, of London, blue japanned case.....210
      De Charmes, Simon, of London,
         musical, japanned case.......................................208, 209
      Delander, Daniel, of London, ebony, silver dial...........3
      De St Leu, Daniel, of London, lacquered case..............163
      Dorrell, Francis, of London, ¼ chiming, ebonised......624
      Du Chesne, Claude, of London
         Boule marquetry case, signed Bunot à Paris...........49
         ebony ¼ striking.............................................1, 47
         red japanned case............................................209, 210
      Dunlop, Andrew, of London, alarm dial in arch.........24
      Dutton, William, & Sons, of London, ebonised............6–7
      Ellicott, John, junior, of London.............................607
      3-train, red japanned case....................................216, 218
      Falconer, George, & Co., of Hong Kong.....................185–7
      Fromanteel, Ahasuerus, of London............................161
      Fromanteel and Clarke, of Amsterdam, grande sonnerie,
         alarm, tortoiseshell, double basket top.................481
      Gray, Benjamin, and Justin Vuillamy, no. 228.............628
      Janvier, Antide, of Paris........................................632–3
      Johnson, Benjamin, of London, walnut, ¼ repeat........313
      Jones, Henry, of London, ¼ repeat, ebony, basket top...474
      Knibb, Joseph, of London
         ebony, Dutch striking.........................................494
         silver skeleton dial, ¼ striking............................329, 774
      Markwick, James, junior, of London
         green japanned case.........................................217–18, 219
      Quare, Daniel, and Stephen Horsemann
         no. 238 (248), green japanned case.........................211
      Rimbault, Stephen, of London, musical, japanned.......465
      Sidney, Benjamin, of London, mahogany, bell top case...475
      Stones, Thomas, of London.....................................327
      Tompion, Thomas, of London
         miniature.........................................................615
         un-numbered, Dutch striking..............................78
      Walker, Peter, of London, ¼ repeat, japanned case.....214

905 VOLUME THIRTY-TWO
calendar indication, bracket clock, by, continued,
Wheatley, William, of London, ebonised, ¼ chiming....20
Williamson, Robert, of London................................762
Windmills, Joseph, of London
3-train, red japanned case...........................................215–16
¼ repeat, japanned case.................................................212
red japanned case.......................................................215
Windmills, Thomas, of London
¼ repeat, green japanned case...............................216, 217
Wright, William, of London, repeat, lunar indication…19
calendar indication, clock, by
Thomas, Seth............................................................284
calendar indication, day, date and month
Berrolla, of Paris, carriage clock, giant, ¼ striking.....892
Ithaca Clock Co.............................................................166
Janvier, Antide, of Paris, pedestal regulator...........323, 632
calendar indication, day, month and year
Bougelle, Joseph, of Pennsylvania, longcase clock....129
Breguet et fils, of Paris, no. 179, carriage clock.........167
calendar indication, day of week
Classical gods and astrological symbols.................305, 388–9
De Charmes, Simon, of London
bracket clock, japanned case.................................208, 209
Du Chesne, Claude, of London
bracket clock, ebony ¼ striking....................................1, 47
Janvier, Antide, pedestal regulator....................323, 632
Thomas, Samuel, of Nantwich, Saxon gods...........389
Williams, Henry, of Lancarvan, longcase.............305, 388–9
calendar indication, in arch
Allam, William, of London
bracket clock, ebonised, brass mounted...............489
Delander, Daniel, of London
bracket clock, ¼ chiming, silver dial..........................3
longcase clock..........................................................118
Quare, Daniel, and Stephen Horsemann
no. 238 (248), bracket clock, green japanned case..211
Windmills, Joseph, of London, bracket clock
3-train, red japanned case........................................215–16
red japanned case....................................................215
calendar indication, longcase clock, by
Bougelle, Joseph, of Pennsylvania.........................129
Brown, Gawen, of Edlingham.................................31
Brown, Gawen, of Boston (1720–1801).................32–3, 35–6
Chance, John, of Chestrow.................................666–7
De Charmes, Simon, of London.........................48, 118
Delander, Daniel, of London.................................118
Duchesne (Du Chesne), Claude, of London...........43–4, 48
walnut case..............................................................761
Faulkner, Edward, of London.................................484
Gould, Christopher, of London................................14
Gretton, Charles, of London.................................152–3, 755
Grindall, John, of Dumfries...............................317
Harris, Thomas, of London.................................73
Holmes, John, of London, mahogany, ¼ striking.....608–9
Janvier, Antide, of Paris......................................323, 632
Jourdain, William, of London, junior.................485
Knibb, John, of Oxford............................................72
LeCount, Daniel, of London, bird and flower.........617
Lund & Blockley, of London.........................187, 188, 189
Macham, Samuel, of London, month marquetry.....612

calendar indication, longcase clock, by, continued,
Porthouse, William, of Penrith
30-hour, ¼ chiming from spring remontoire........551–3
Quare, Daniel, of London
month duration, marquetry.....................................752
month, Dutch striking, marquetry............................308–9
Raynes, William, of York, 30-hour, ebonised........492
Reynolds, Francis, of London..............................158
Roberts, Samuel, of Llanfair Caereinion
no. 48..................................................................367
no. 129, single hand................................................363
no. 155................................................................366
no. 199(a).............................................................369
no. 263................................................................370
un-numbered, 8-day (‘Ludlow’).............................371
Seddon, John, of Frodsham.................................158
Smith, Gabriel, of Barthomley...............................762
Tompion, Thomas, and Edward Banger
no. 395, month duration.................................148, 472
Whittaker, James, of Middleton (Manchester)........133
Williams, Henry, of Lancarvan.........................384–5, 387, 392–3
8-day......................................................382, 383, 384
30-hour..................................................383
Windmills, Joseph, of London, walnut.................26

calendar, perpetual
Falconer, George, & Co., of Hong Kong
bracket clock...........................................................185–7
Frodsham, of Paris, mantel clock..........................451
Kinzing.................................................................446
Lange & Söhne, of Glashütte, wrist-watch................718
Lund & Blockley, of London, longcase regulator.187, 188
Maconochie, Ian......................................................282
McQuater, Archie.....................................................282
calendar table, perpetual..........................................268
Call, Jan van, of Nijmegen........................................200
disputed pendulum wall clock dated 1657.................591
A Clock Signed Jan van Call,
letters from Terence Camarer Cuss.................460, 735–6
reply from Andrew King.........................................590
reply from David Penney.........................................590
reply from David Thompson, Paul Buck, and Oliver Cooke.................591
reply from Jeremy Evans......................................737–9
reply from Jonathan Betts.....................................591
reply from Sebastian Whitestone........................736–7
symposium on..........................................................737, 739
advertised..............................................................745, 766
early pendulum clock, seen in 1659.........................197
Cambridge
Corpus Christi College clock, Chronophage...........584, 776
King’s College, Courtenay Adrian Ilbert at...........500–2
Trinity College........................................................583–4
turret clock............................................................584
Camerer Cuss. (see also Cuss), history of name........636, 883–4
Camm, F.J., of Windsor...........................................656–7, 663, 664
watch (signed), no. 148643, centre-seconds kartusel...657
Camm, Sir Sydney....................................................656
Camp, R., of Derby, watch-paper..........................423
Campagni, Bartolomeo ............................................131
Campani, Pietro Tommaso, of Rome
night clock, dated 1682.................................771
night clock, dated 1683.................................512
Campbell, Gregor
lecture reports..............................................815–30
cap, watch, see watch cap
see clock case maker; watch case maker
clock case maker, Smith, S. & Sons...............243
carburttor, S., London.................................630
Cardall [antiquarian horologist].......................516
Cardiff Castle..............................................379
carillon (see also musical clock; tune barrel), Meissen....719

carriage clock
Carriage Clocks, lecture by Ron Rose................287
Nelson’s watch now mounted as.................687

carriage clock, by
Berrolla, of Paris, giant, calendar, ¾ striking..........892
Blundell, [Henry], of London, rosewood fusee.........151
Breguet et fils, of Paris
no. 179, ¼ repeat, alarm, moon, calendar............167
Frothedham, Charles, of London

giant..................................................................20
no. 1007, twin up-and-down dials......................326
Randall, Anthony G., no. 8, double axis tourbillon....122
Scherers, Cesare, of Florence, strike, repeat, alarm...325
White, Edward, of London
no. 692, giant nickel silver cased......................304

Carrington, Roger F. (1948–2005).........................93–6
carrel clock, by
Backaert, of Paris........................................720
Harvey, Thomas, of London...........................314
King, Henry, of London..................................30
Carter, Henry, French polisher.........................97–8, 100
Carter, John, of London, watch paper...............224
case, for lantern clock, oak, coffin type.............889
case, longcase, see longcase clock, case
case maker, see clock case maker; watch case maker
case, restoration of
Clock case restoration, lecture by Simon Macintyre...288
Clock cases and their restoration,
lecture by Jim Hardie.................................579–80
Restoration of slate clock cases
, lecture by Brian (Sid) Lines.........................722
Casson, Henry, report on tour of
New England and Mid-Atlantic States..............122–30
Castel, Jacques-Thomas, of Paris, orrery clock, 1763.........773
casting mark, M and number,
multiple instances on 30-hour longcase movement....424–30

castings
sets perhaps supplied to Coster from Fromanteel........341–2
use in clockmaking............................................339

catalogue
Gamages..........................................................637
Hipkiss, Richard, of Birmingham, dial maker..........683
catalogue, continued,
Sayer & Bennett, watch-paper designs, 1775........418–20
Williamson, H., Ltd...........................................236
Wright, B. & Co., of Birmingham, dial maker........682
Catling family, biography..................................838
Catling Family Watches, by John David Stables.......837–40
Catling, George................................................838–9, 840
Catling, James...............................................838–9
Catling, John junior.........................................840

cave, see also
case maker, watch case maker
musical clock; tune barrel), Meissen.........719

Champlève dial, see dial, champlèvé
Chance, John, of Chepstow, longcase clock,
commemorating Admiral Rodney......................666–7

Chandler, Bruce...............................................173, 174
Chandler, Timothy, of New Hampshire, longcase clock....129
Chapelle, Kenneth............................................450–1

Chaple, Henry, of Bridgewater, lantern clock............610
chateleine.........................................................636
Chatham, Peter..............................................870
Chayotte & Cheval, auction house.....................708–9

Chayotte, Hervé, Jean-Claude Sabrier and
Anthony Turner, Breguet chez Chayotte, reviewed......708–9
cheeks, cycloidal..............................................197, 198, 200
Coster, Salomon, of The Hague, timepiece, 1658........338
Cheetham, John................................................99

Chellar, Kevin and Carol
300 Years of Irish Timekeeping, reviewed.............438

Cheney, Robert..............................................122
Chester, Geoff................................................129
Chetham’s Library, Manchester........................779

chime barrel (church, for tunes), see tune barrel
chiming, quarter (see also striking, quarter)

Anvil (Baden), mechanism................................357

Beaumont, William junior, of London
longcase clock, automaton...............................613

Clarion Clock Co., mantel clock.............................246
Davall, S. and Sons, Ltd, Tower, mechanism.........357
De Charmes, Simon, of London, longcase clock........457

Delander, Daniel, bracket clock, ebony, silver dial......3
Dorrell, Francis, of London, bracket clock, ebonised.....624

Ellicott, John, junior, of London, bracket clock..........607
Elliott, F.W. Ltd, of Croydon............................344–50
Enfield Clock Co., mantel clock.........................244

Garrard Clocks Ltd, mantel clock......................242
Halle & Benzing, mechanism............................357

Norland Clock Co. Ltd, mantel clock.................248

Perivale Clock Manufacturing Co. Ltd................358, 359
mechanism.......................................................357
chronometer, marine, by, continued,
Mercer, Thomas, Ltd, of St Albans
no. 20469, supplied in Hong Kong..............183
quartz..................................................116
Motel, Henri, of Paris, no. 107......................759
Palmer, of Leominster, no. 1000......................141
Ulyss Nardin........................................281
Webster, no. 604......................................119
chronometer, pocket
18th-century production of.......................220–1, 458
chronometer, pocket, by
Arnold, John, of London..........................220
Dent, of London, no. 31781.........................611
Earnshaw, Thomas, of London...................220, 590
no. 1514.............................................534, 536, 537, 539
Mangaar, John Adam, of London, no. 912......220–4
Mangaar Pocket Chronometer
letter from David Penney..........................458–9
reply from Tony Proctor............................460
letter from Paul Tuck...............................589–90
Chronophone, clock by Dr John C. Taylor
Corpus Christi College, Cambridge.............454, 584, 776
no. 2..................................................777
Chronos, figure as ornament in pendules religieuses........266
Chronostat III, marine chronometer.............106
church clock, see turret clock
church wardens’ accounts, Gedling, Nottinghamshire..835–6
Churchill, John, 1st Duke of Marlborough
commemorative clocks............................665
cigarettes, Gold Flake advertisement.............763
Cipra, Jim.............................................122
Clackmannanshire, Update on Clackmannan clockmakers,
lecture by Bob Lindsay............................723
Clarion Clock Co....................................245–7
advertisement........................................246
mantel clock, ¼ chiming................................246
Clarke, George, of London
bracket clock, musical, Turkish numerals........512
lantern clock........................................154, 318, 484, 610
Clarke, Peter, obituary, by Brynn Hodgson......28
Claudius Duchene, letter from Ron Kirkpatrick..293–4
Clavier, of Paris, table clock.......................456
Clay, Henry, japanner................................669
Claydon (Oxfordshire)
Blue plaque for Knibbs, by Robert Adam........496
turret clock..........................................496
Clement, William, of London
anchor escapement..................................813
longcase clock, 30-hour movement................871
Clementi, Muzio....................................94–5
Clerkenwell
end of chronometer manufacturing in.............647–8
survival of craft until First World War...........650
Clerkenwell Clocks Ltd..............................350
clicks, outside back plate on bracket clock
Windmills, Joseph, of London, ¼ repeat,........212–14
Clifford, Derry......................................724, 725, 871
Clifton, Dr Gloria....................................880
Coster, W. A., lecture reports.................................114–15, 282–4
Connor, W. A., lecture reports.................................269, 270
Conservation.........................................................291
Contrasting Clocks, editorial, by Dr Peter de Clercq.............169
Cook, Captain James.................................................532
Cook, Oliver............................................................559
Cook, Samuel..........................................................585

The Cost of Maintaining and Replacing a
Coster-Fromanteel Contract: John Fromanteel’s
Costs, turret clock maintenance and repair.....................831–6

Cooper, Cynthia.......................................................720
Coote, Ian
Notes on English Pocket Watches, lecture...............117–18
obituary of Clifford Bird.............................................174–5
Cope, of Nottingham, turret clock..............................452
Cope, William, of Nottingham.......................................835
Copenhagen, Battle of.................................................739
Copley, John Singleton, artist........................................38

Corton, trademark......................................................249, 356
Corpus Christi College, Cambridge, Chronophage......584, 776
Corrections, Dr Peter de Clercq.................................130
Cossons, Sir Neil.........................................................735

The Cost of Maintaining and Replacing a
Seventeenth-Century Turret Clock, Edward White........831–6
The Coster-Fromanteel Contract: John Fromanteel’s
Brass and Steel, by Dr John C. Taylor.........................336–42
letter from Keith Pigott..................................................586–8
Coster, Salomon, of The Hague....................................195
clocks differ from Fromanteel’s....................................587
A Coster Clock Lost and Found
letter from Sebastian Whitestone...............................585
letter from Dr John C. Taylor.....................................882–3
Coster-Fromanteel contract........................................579
John Fromanteel’s Brass and Steel.........................336–42, 586–8
payment to John Fromanteel........................................337
supply of brass and steel.............................................337, 339–42
Coster’s ‘secret’..........................................................197
 Hague clock..............................................................579
house style...............................................................586–7
Only one Coster clock in the Rijksmuseum?
letter from Dr John C. Taylor.....................................882–3
patent.........................................................................339, 579

wall clock
Boeherave Museum..................................................585, 882–3
parts of listed..............................................................340
 replica, by John C. Taylor Masterworks.....................17
Rijksmuseum............................................................585, 882–3
timepiece, 1658.........................................................338
Coster, Samuel..........................................................585
costs, turret clock maintenance and repair...................831–6

Couteau, Joseph, dial enameller
Hartmann, of Paris, complex clock............................627
Robin, Robert, of Paris, mantel regulator.......................126
count-wheel
Dutch striking, Tompion, Thomas..............................79
English and Continental constructions..........................690
grand sonnerie, Knibb, Joseph, of London......................77
inside, Halsted, Charles, of London, longcase clock....319
inside, Williams, Henry, of Lancarvan.........................388
Roman striking, Knibb, Joseph, of London.....................76

Coton, Edward
Cotterill, Jonathan.....................................................634
currency conversion, historical.....................................135, 873
Cottingham, Paul Buck

Cottrell, John............................................................539
Cruchaud, Anne-Marie.................................................565
Crutch, one-sided, Thorp, Samuel, of Abberley.............732–3
Cumming, Alexander, of London..................................858
Cummins, Genevieve, How the Watch was Worn:
A Fashion for 500 Years, reviewed..............................562

Cunliffe, Dr Keith..........................................................634

Curtis, Joseph, of Chew Magna
lantern clock..............................................................634

Cuss, Terence Camerer
A Clock Signed Jan van Call, letters.........................460, 735–6
replies from
Betts, Jonathan.............................................................591
Evans, Jeremy.............................................................737–9
King, Andrew.............................................................590
Penney, David.............................................................590
Thompson, David, Paul Buck, and
Oliver Cooke................................................................591
Whitestone, Sebastian................................................736–7

The Name Camerer Cuss, letter.................................883–4
D
de Charms, Simon, of London.........................................................49
   bracket clock
   ¼ repeat, japanned case...........................................207, 209, 212
   musical, japanned case...............................................208–9
   red tortoiseshell case....................................................457
   longcase clock
   ¼ chiming, lacquered case...........................................457
   walnut, three-month duration.....................................48–9
de Clercq, Dr Peter.................................................................443, 827
   (see also Pederson, Kurt Møller, and Peter de Clercq)
   book review.................................................................709–10
   Correction.................................................................460

Editorial
   Atomic Time............................................................27
   Contrasting Clocks.......................................................169
   The Great Collectors..................................................495
   Indexing the Journal....................................................629
   New Printers............................................................775
   Welsh Clockmakers Revisited.....................................331
   For your further reading.............................................596–7
   From the Editor..........................................................450
de Save, S.B. (Brian)................................................................444
   book review.................................................................268–9
   lecture reports..........................................................112–13, 279–80, 445–7,
                                                                  577–9, 721, 867–9
   St Roche’s lecture, 2010, report.......................................334–5
de Vier, Claude, of London (see also Vier)
   watch, repeating, pair cased........................................118
   Deacon, Samuel, of Barton-in-the-Beans...............................681–2
   Deblois, Abraham................................................................46
   Debham, Lawrence, of Frome, lantern clock..........................484
   decimal dial clock, Desgenty, Daniel.................................453
   decimal dial watch
   Berthoud, Louis, of Paris, no. 2433...................................491
   Breguet, Abraham Louis..................................................125
   deck watch
   repair, scarcity of skills for...........................................651
   supply by Sidney Better.................................................651
   deck watch, by
   Better, Sidney, of London
    nos. 2, 6, 7, 12................................................................660–3
    nos. 8 and 14..................................................................660–3
    no. 20 (dial).................................................................660
    no. 2485........................................................................658–9
    no. 2563........................................................................659
    no. 93539.................................................................659–60
    nos. 97631, 151348, 151351, 151352...............................658
   Matthews, William, of Coventry, no. 34884....................479
   Newsome & Co., of Coventry, no. 151340.........................655
   White, H., of London, no. 1784......................................11
   Decla, Jacques, dial..........................................................2
   Degenaar, Bert, planetarium..............................................333
   DeGroff, Jacqueline..........................................................128
   Delander, Daniel, of London
   bracket clock, ebony, ¼ chiming, silver dial........................3
clockmaker to Sir Thomas Aubrey......................................844, 845
longcase clock, maintaining power, calendar in arch...........118
mark on Tompion watch no. 0258 (1258)..........................559
Delaney’s Clock Emporium....................................................122–3

Davall, S. and Sons, Ltd..........................................................248, 355, 358, 360
   flight recorder...............................................................360
   lantern clock, coronation................................................356, 358
   mantel clock....................................................................233

Davies, Alun C.................................................................140

Arnold’s Chronometer no. 176 and
   Vancouver’s Expedition, 1791–95..................................532–40
   book review.................................................................563

English Horology and the Great War..................................635–50
   letter from Terence Camer Cuss......................................883–4
   Nelson at Copenhagen, letter.........................................739

Davies, Captain William..........................................................379
Davies, Edmund, obituary, by John Robey.................................630
Davies, Henry, Edward and Walter...........................................235–6
Davies, Mary..........................................................................379
Davies, Robert and John, of Croesfel, blacksmiths......................843
Davies, Robert, of Burnley
   longcase clock, 30-hour, single hand, oak..........................14
Davies, Sinah, of Llangadfan, owner of Roberts clock....................588
Davies, Thomas, of Liverpool....................................................95
Davies, John, and Michael Lowne, _The Double Horizontal Dial and associated instruments, reviewed_..............................266–8
Davies, Keith, _Clock Projects, lecture_..............................................455
Davies, Lee.............................................................................127
Davy, Samuel, of Trowse, Norfolk, watchmaker...........................837

Dawson, G.J.................................................................

Dawson, Percy G.................................................................27
(see also Percy Dawson Medal)
Dawson, Drover, and Parkes, _Early English Clocks_..................199

The Dawson Workshops in London,
   _Specialists in Repair and Restoration of Clock Cases,
     Picture Gallery_............................................................97–102

Dawsons and W.A. Knight, letter from Phillip Arnott..................290

Day, John E.............................................................................444
   day of month indication, see calendar indication

De Bauffre, James, of London
   bracket clock, ½ striking 3-train, blue japanned case...........210
De Belle, of Paris, vase clock with singing bird (attrib.)..............754

Dancer, John Benjamin, of Manchester,
   _A Table Regulator Signed Dancer, Manchester,_
   by Alfred Thomas...........................................................554–7

Daniel, Christopher St J.H......................................................880
Daniels, Dr George
   fellowship of the AHS......................................................867
Danial, Christopher St J.H........................................................880
Declining the Journal..........................................................629
New Printers........................................................................775
   Welsh Clockmakers Revisited.....................................331
   For your further reading.............................................596–7
   From the Editor..........................................................450
de Save, S.B. (Brian)................................................................444
   book review.................................................................268–9
   lecture reports..........................................................112–13, 279–80, 445–7,
                                                                  577–9, 721, 867–9
   St Roche’s lecture, 2010, report.......................................334–5
de Vier, Claude, of London (see also Vier)
   watch, repeating, pair cased........................................118
   Deacon, Samuel, of Barton-in-the-Beans...............................681–2
   Deblois, Abraham................................................................46
   Debham, Lawrence, of Frome, lantern clock..........................484
   decimal dial clock, Desgenty, Daniel.................................453
   decimal dial watch
   Berthoud, Louis, of Paris, no. 2433...................................491
   Breguet, Abraham Louis..................................................125
   deck watch
   repair, scarcity of skills for...........................................651
   supply by Sidney Better.................................................651
   deck watch, by
   Better, Sidney, of London
    nos. 2, 6, 7, 12................................................................660–3
    nos. 8 and 14..................................................................660–3
    no. 20 (dial).................................................................660
    no. 2485........................................................................658–9
    no. 2563........................................................................659
    no. 93539.................................................................659–60
    nos. 97631, 151348, 151351, 151352...............................658
   Matthews, William, of Coventry, no. 34884....................479
   Newsome & Co., of Coventry, no. 151340.........................655
   White, H., of London, no. 1784......................................11
   Decla, Jacques, dial..........................................................2
   Degenaar, Bert, planetarium..............................................333
   DeGroff, Jacqueline..........................................................128
   Delander, Daniel, of London
   bracket clock, ebony, ¼ chiming, silver dial........................3
clockmaker to Sir Thomas Aubrey......................................844, 845
longcase clock, maintaining power, calendar in arch...........118
mark on Tompion watch no. 0258 (1258)..........................559
Delaney's Clock Emporium....................................................122–3
| Demand | for clockmaker services (maintenance/repair)... 542, 547–8 for clocks........................................... 541–3 demonstration, by Owen Gilchrist |
|--------|--------------------------------------------------|-------------------------------|
|        | **Dismantling and Reassembling a Pocket Watch** 724 |
|        | **Denison, Edmund Beckett (Lord Grimthorpe), see** Grimthorpe, Edmund, 1st Baron |
|        | **Denison, Aaron Lufkin**........................................ 721 |
|        | **Aaron Lufkin Denison: An Industrial Pioneer and his Legacy**, by Philip Priestley, reviewed........ 563 advertisement (historical)........................................... 439 |
|        | **Dent, E. & Co., of London**................................. 724 |
|        | **Dent Watch Company**............................................. 724 |
|        | **Dent, Edward John, of London**.............................. 487 |
|        | chronometer, marine, no. 3073, 8-day..................... 304 |
|        | turret clock, maker............................................. 827 |
|        | **Dent, of London**.................................................. 624 |
|        | no. 25334............................................................. 141 |
|        | chronometer, pocket, no. 31781............................. 611 |
|        | table regulator, no. 521........................................ 765 |
|        | turret clock |
|        | **Ely Cathedral**................................................... 583 |
|        | **Toddington, Beds, St George’s church**.................. 583 |
|        | **Derham, William, The Artificial Clockmaker**............ 530 |
|        | **Dering, Sir Edward (1st Baronet)**........................... 541, 548, 841 |
|        | **Dent, of Edinburgh, watch**................................. 508 |
|        | **Dent, Edward John, of London**.............................. 627 |
|        | **Hubert, David, of London**........................................... 508, 509 |
|        | **Rittenhouse, David, astronomical musical longcase**.... 564 |
|        | **Robin, Robert, of Paris, mantel regulator**.............. 827 |
|        | **Scafe, William, of London, longcase clock**.............. 8 |
|        | **Whitehurst, of Derby, longcase clock**.................... 116 |
|        | **dial, champévé, on watch by** Bayley, Charles................. 482 |
|        | **Cabrion, Cl., of London, no. 3331, repoussé case**......... 507, 509 |
|        | **Fürstenfelder, Benedikt, of Aichach and Friedberg**.... 526 |
|        | **Gretton, Charles, of London, rock crystal case**......... 462 |
|        | **Hubert, David, of London, centre-seconds**............ 508, 509 |
|        | **Marquich, London (inscription)**............................. 527 |
|        | **Wentworth, William, of Sarum (Salisbury)**............... 311 |
|        | **dial, chime/silent**.............................................. 497 |
|        | **Cox, James, of London, musical bracket clock**........... 497 |
|        | **dial clock, see wall clock, English dial**........................ 666–7, 670–84, 688 |
|        | **dial, copper, lantern clock, by Thomas Browne, of Bristol**... 13 |
|        | **dial, day of month and of week, see calendar indication**........ 513, 526 |
|        | **dial, decimal, see decimal dial clock; decimal dial watch**........ 513, 526 |
|        | **dial, double**.......................................................... 526 |
|        | **Janvier, Antide, pedestal regulator**...................... 323, 632 |
|        | **dial, enamel, bracket clock**................................. 633 |
|        | **Lautier, Benjamin, of Bath, mahogany case**................. 486 |
|        | **Vulliamy, Justin, of London, ¼ striking**.................. 476–7 |
|        | **dial enameller**.................................................... 476–7 |
|        | **Coteau, Joseph**..................................................... 126 |
|        | **Hartmann, of Paris, complex clock**......................... 627 |
|        | **Robin, Robert, of Paris, mantel regulator**.............. 126 |
|        | **Decla, Jacques**.................................................... 2 |
|        | **Dubuisson**........................................................... 633 |
|        | **dial, equation of time (see also dial, apparent or solar time)**........ 513, 514 |
|        | **Quare, Daniel, of London, year longcase**................. 473, 513, 514 |
|        | **Rittenhouse, David, astronomical longcase**.............. 564–5 |
|        | **dial, flattened arch, see dial arch, shallow longcase clock**........ 473, 513, 514 |
|        | **dial commemorating Anson**........................................... 665–6, 666 |
|        | **commemorating Nelson**............................................. 670, 672–7, 678, 684 |
|        | **commemorating Rodney**............................................. 666, 667 |
|        | **subjects on North Country**..................................... 672 |
|        | **dial, luminous**.................................................... 636, 639 |
|        | **dial, lunar, see lunar indication**............................ 871 |
dial maker (see also dial enameller)
Francis, of Birmingham.................................674
Hipkiss, Richard, of Birmingham..................605, 674–6, 677, 678, 682, 683
Kempson and Felton, of Birmingham..............672–3
Willis, of London..............................................11
Wright, B., & Co., of Birmingham..................679, 682, 684
dial, month
De Charmes, Simon, of London
  bracket clock, japanned case..........................208, 209
Du Chesne, Claude, of London
  bracket clock, ebony ¼ striking......................1, 47
dial, name dial.............................................837, 838
dial, painted
  commemorating Nelson.................................605, 670–84
  introduction of.............................................670–1, 686–7
  production and distribution of.........................681–4
  subject matter of North Country examples...........672
dial, protective grid over wrist-watch.............638, 639
dial, rise and fall regulation, bracket clock
Allam, William, of London, ebonised, brass mounts....489
Browne, John, of London, ebony timepiece..........612
Curtean, William, of London..............................316
De Charmes, Simon, of London
  japanned case............................................207, 209
  musical, japanned case..................................208, 209
Delander, Daniel, of London, ebony, silver dial......3
Du Chesne, Claude, of London
  bracket clock, ebony ¼ striking......................1, 47
  red japanned case.........................................210
Dutton, William, & Sons, of London, ebonised.....6–7
Gray, Benjamin, and Justin Vulliamy, of London
  no. 228........................................................628
Quare, Daniel, and Stephen Horseman, of London
  no. 238 (248), green japanned case..................211
Sidley, Benjamin, of London, mahogany, bell top case: 475
Vulliamy, Justin, of London, ¼ striking.................476–7
dial, rise and fall regulation, longcase clock
Beaumont, William junior, of London
  ¼ chiming, automata......................................613
De Charmes, Simon, of London, walnut, 3-month.....48
Du Chesne, Claude, of London, walnut, 3-month.....48
Holmes, John, of London, mahogany, ¼ striking...608–9
Quare, Daniel, of London, ¼ repeat, month.........756–7
Williams, Henry, of Lancarvan.........................387–8
dial, subsidiary manually set
Bougele, Joseph, of Pennsylvania......................129
dial, sunrise and sunset
Goodall, George, of Micklethwaite.....................285
Hartmann, Francois-Joseph, of Paris, mantel clock....627
dial, tidal
dual port, by John Grindall, of Dumfries...........317
  popularity of around Bristol Channel..............385
dial, tidal, on longcase clock by
Du Chesne, Claude, of London.........................43–4
Grindall, John, of Dumfries..............................317
Philipson, Henry, of Ulverston
  no. 1583, commemorating Nelson.....................674
Williams, Henry, of Lancarvan.........................384–5, 393–4
dial, single-hand, longcase clock, continued
  Williams, Henry, of Lancarvan, alarm..............385–6
dial, single-hand, turret clock
Colerne..........................................................250
Colyton, Devon...............................................251
Llanfair Caereinion..........................................374, 375
reference by Thomas Hardy..............................250
dial, skeletonised chapter ring, bracket clock
Knibb, Joseph, of London.................................329, 774
dial, strike/silent, bracket clock
Allam, William, of London, ebonised, brass mounts..489
Cox, James, of London, musical, automata............497
Curtean, William, of London..............................316
De Charmes, Simon, of London, japanned case....207, 209
Delander, Daniel, ¼ chiming, silver dial..............3
De St Leu, Daniel, of London, lacquered case........163
Dorrell, Francis, of London, ¼ chiming, ebonised...624
Du Chesne, Claude, of London
  ebony ¼ striking...........................................1, 47
  red japanned case...........................................210
Ellicott, John, junior, of London......................607
3-train, red japanned case................................216, 218
Gray, Benjamin, and Justin Vulliamy, no. 228........628
Quare, Daniel, and Stephen Horseman
  no. 238 (248), green japanned case..................211
Sidley, Benjamin, of London, mahogany, bell top.....475
Vulliamy, Justin, of London, ¼ striking...............476–7
Wheatley, William, ebonised, ¼ chiming................20
Windmills, Thomas, of London
  ½ repeat, green japanned case.........................216, 217
dial, strike/silent, longcase clock
Beaumont, William junior, of London
  ¼ chiming, automata......................................613
De Charmes, Simon, of London, walnut, 3-month.....48
Du Chesne, Claude, of London, walnut, 3-month.....48
Holmes, John, of London, mahogany, ¼ striking...608–9
Quare, Daniel, of London, ¼ repeat, month.........756–7
Williams, Henry, of Lancarvan.........................387–8
dial, zodiac signs
Bougele, Joseph, of Pennsylvania......................129
Bougle, Joseph, of Pennsylvania......................129
Diana the Huntress............................................................................785
Dias-Reid, Cynthia...........................................................................122
Dickie, Andrew, of Edinburgh
  longcase clock, dead-beat, compensated pendulum...............451
  watch, gold, centre-seconds, worm regulator.........................508
Dickinson, Briony.............................................................................650
Diehl, Dilectron...............................................................................115
Dimier Bros Ltd............................................................................233, 355, 356
Dingwall-Beloe lecture, 2010
  Clock & Watch Making in Flanders, 1300–1830, by
  Eddy Frature and Paul van Rompay, advertised....................320
Dioecesan Clocks Advisors Forum
  letter from Derek Frampton.........................................................592
Diseo, Baron, Jean Helot’s comment on.................................789–90
Dirisheim, Paul, watch, no. 739748, ‘Solvil’.................................656
Dixon, of York, watch-paper..........................................................421
Djurini, Vuk.....................................................................................565
Dobie, John, lecture report............................................................726–7
Dobson, Richard Donald.............................................................197, 199, 200, 586
Dodd, Richard...............................................................................677, 678
Dollond, of London........................................................................858
dolls, watches made for...............................................................562
Dominy family, of New York.......................................................128
Donaldson, Robert
  Early English Japanned Table Clocks........................................201–19
  Percy Dawson Medal, 2009.........................................................111
  portrait.........................................................................................449
de Dondi replicas, by
  Gipmans, Henk.........................................................................332
  Thwaites and Reed.................................................................176
Donzé, Pierre-Yves.........................................................................565
Dorrell, Francis, of London
  bracket clock, ¾ chiming, ebonised.........................................624
Dosser Clock Society.................................................................633
double basket top, see basket top case bracket clock, by
  Douw, Simon, of Rotterdam, patent on clock movement........194
Dowd, C.F......................................................................................334
Downdney, Burrows, of Pennsylvania, longcase clock.............129
Dresden
  Semper Opera House clock.......................................................717
  study tour, 26–30 September 2010............................................576, 716–19
Drew, John, of London, lantern clock............................................700
Drexel University, Philadelphia...................................................563–5
Driscoll, Clive..................................................................................455
  lecture report.............................................................................118–19
  meeting report............................................................................872–3
drop dial clock, see wall clock
  Drover, Charles B.......................................................................293
Drummond Castle, sundial.............................................................869
Drummond, Samuel, artist, Death of Nelson.............................680, 681
Drury, of London
  table clock, gold and agate, musical automaton......................150, 306
Duchesne, Anthony, of London, goldsmith.................................45
  apprentices of.............................................................................50
  family.........................................................................................50
Duchesne, Antoine, of London.....................................................46
Duchesne (Du Chesne), Claude, of London
  bracket clock
    ¼ repeat, Boule marquetry, signed BUNOT à Paris...................49
    ebony ¾ striking.................................................................1, 46–7
Duchesne (Du Chesne), Claude, of London, continued,
  bracket clock, continued,
    lacquered case, ¾ striking, calendar, astronomical...............457
    miniature...............................................................................457
    red japanned case...............................................................209, 210
Claude Duchesne – Huguenot Clockmaker,
  by Glen Blake, Christine Wintle and John Gill.......................43–51
  letter from Jonathan Betts......................................................294
  letter from Ron Kirkpatrick.....................................................293–4
death, A Record of the Death of Claude Duchesne,
  letter from Glen Blake............................................................730–1
  family.........................................................................................43–6, 49–50, 51, 731
  family tree................................................................................45
Lacquer Clocks and Claudius Duchesne,
  letter from Neil Andrew..........................................................457
longcase clock
  calendar and musical..............................................................293
  mulberry veneer.....................................................................293–4
  walnut, tidal dial; John Wesley’s house..................................43–4
  walnut, three-month duration.................................................48–9
longcase clock, month duration, walnut case..........................761
maker of musical clocks.............................................................294
marriage.......................................................................................43
More on Duchesne, letter from Jonathan Betts.........................294
Duchesne, Claude (II), of London................................................51
Duchesne, Claudius, of London, weaver.....................................45
Duchesne, Daniel, of London......................................................51
Du Chesne, Elizabeth.................................................................49–50
Duchesne, F., of London, watch..................................................49–51
Duchesne, François Houet, of Paris............................................51
Du Chesne, Gedeon, of Paris......................................................51
Duchesne, Pierre, of Paris.............................................................44
Duchesne, William, of London, watch.........................................51
Duhamel, Isaac, of London..........................................................49
Duley, Anthony J. (Tony), lecture report.................................119, 288, 874
Duncan, Jacqueline........................................................................500, 513
Dunlop, Andrew, of London
  bracket clock, alarm dial in arch.............................................24
duration, see long duration; short duration
dust cap, see watch cap
Dutch Section, see AHS, Dutch Section
Dutch striking, see striking, Dutch
Dutton & Co., of London, night watchman’s clock....................882
Dutton, Matthew & Son, of London, drop dial timepiece...........307
Dutton, of London, wall clock......................................................874
Dutton, William, & Sons, of London
  ebonised bracket clock...........................................................6–7
  wall clock...............................................................................225
duty, on imported watches, 1915.............................................639–40
DVD
  Engine Turning, Martin Matthews...........................................879
  Four Generations of Watchcase Making,
    Martin Matthews...................................................................879
Dye, Dr David William...................................................................84
  phonic motor.............................................................................84–5
quartz ring oscillator.................................................................84–5, 290–1
Dye-Essen Rings – Then and Now, letter, Ray Essen..................290–1
Dyer, Nancy...................................................................................128
Dyson, Sir Frank, Astronomer Royal............................................647
Eagleton, Catherine, Monks, Manuscripts and Sundials: the Nativula in Medieval England, reviewed .......... 432–5

Early English Japanned Table Clocks,
Robert Donaldson .................................................. 201–19

Early Minute Repeaters, letter from Lawrance Hurst ........ 735

Earnshaw, Thomas, of London .................................. 281

journeyman clock .................................................. 534

pocket chronometer ............................................... 220, 590

regulator, longcase .................................................. 534

watch, no. 1514 ...................................................... 534, 536, 537, 538

East Anglian Section, see AHS, East Anglian Section

East, Edward, of London

East and Fromanteel, letter by David Penney ........ 585–6

The Life and Times of Edward East, lecture by Oliver

Cooke, announced .................................................. 863

longcase night clock .................................................. 863

watch, rock-crystal and silver octagonal ..................... 863

East India Company .................................................. 532

Eckersley, Peter ...................................................... 454

Écrire le Temps, exhibition, La Chaux de Fonds .......... 777–8

Edey, Winthrop ....................................................... 125

Edict of Nantes, Revocation of ................................. 265

editorial, by Dr Peter de Clercq

Astronomical Clocks (XXXI:6), correction ................. 130

Atomic Time .......................................................... 27

Contrasting Clocks .................................................. 169

The Great Collectors ............................................... 495

Indexing the Journal ............................................. 629

New Printers .......................................................... 775

Webb Clockmakers Revisited .................................. 331

Edwards, Ernest I .................................................... 199

Eighteenth-Century Dutch Planetarium Recreated,
by Harm Borje ...................................................... 333–4

Eisinga, Eise, planetarium ........................................ 333–4

Elbe, river .............................................................. 719

electric clock (see also AHS, Electrical Horology Group)

The Battery Powered Revolution,
lecture by Martin Ridout ........................................... 114–15

Bulle, Upgrading Bulle Clocks,
lecture by Archie McQuater .................................... 722

An Introduction to Domestic Electric Clocks,
lecture by Martin Ridout ........................................... 873

Pool, Jan, double pendulum gravity impelled ................ 456

Riverside Manufacturing Co., Hammersmith ........ 114–15

Schild, ‘Reform’ movement, battery-wound ................ 114–15

Scott, Herbert ......................................................... 722

Elkins, William, of London ........................................ 221

Elleby, hook and spike clock .................................... 452

Ellicot, John, junior, of London

bracket clock

3-train, red japanned case ........................................ 216, 218

¼ chiming, ebony, brass mounted ............................. 607

japanned case .......................................................... 214–15

walnut, brass moulded, 8-day strike and alarm .......... 607

Ellicot, John, senior, of London ................................ 221

Elliott, Frank W ..................................................... 343, 345, 347

portrait ..................................................................... 352

Elliott, F.W. Ltd, of Croydon ..................................... 231, 235, 237, 249, 343–53, 358

advertisement (historical) ......................................... 344, 345, 347, 350

chiming clocks .......................................................... 344–50

chiming, quarter, with night silencing ......................... 348

clock, chiming .......................................................... 360

clocks offered by, range of ....................................... 348

grandmother clock .................................................. 346, 349

longcase clock .......................................................... 345, 348

mantel clock ............................................................ 346, 347

Silver Jubilee clock (Garrard) .................................... 350, 352

skeleton clock ........................................................... 351

strut timepiece .......................................................... 346

Elliott, Horace W ..................................................... 346, 347

portrait ..................................................................... 352

Elliott, J.J., Ltd .......................................................... 237

Elliott, Mark ............................................................. 348, 360

Elliott, Richard W ..................................................... 348, 350, 353

portrait ..................................................................... 352

Els, Anthony, Finding and Restoring Longcase Clocks,
reviewed ................................................................. 268–9

Elser, Joseph, Vienna regulator .................................. 453

emery, great length of time to use 7 lb bag of ............. 451

Emery, Josiah, of London, watch, Nelson’s .................. 687

Emmoser, Gerhart, of Augsburg

 globe, mechanical celestial ...................................... 173, 174

Empire, trade name of Smiths .................................... 244

enamel-cased watch, see watch, enamel

enamel dial, see dial, enamel

Ende, Hans van den .................................................. 416

Ende, Hans van den, junior ...................................... 876

Endfield Clock Co. (London) Ltd ................................ 244–6, 358

examples of 1930s production .................................... 244

factory ................................................................. 246

move to Ystradwynlais ................................................ 245

engine turning ........................................................... 55

DVD by Martin Matthews .......................................... 879

English Clock and Watch Manufacturers Ltd .......... 237, 244

English Clock Factory, Salisbury ................................ 236

English Clock Systems, lecture by Martin Ridout ........ 728–9

English dial, see wall clock, English dial

English Horology and the Great War, Alan C. Davies ...... 635–50

English Watch Company, of Birmingham ................. 563

engraver

Boitard, Louis Pierre, of London .............................. 419

Bristol specialists ...................................................... 391

Darling & Robinson, of London ................................ 222

Marchant, Nathaniel, and Pingo, Lewis ....................... 686

Wyon, Peter and Thomas, of Birmingham .................. 686

engraving

Roberts, Samuel, of Llanfair Caereinion ..................... 364–5

Williams, Henry, of Lancarvan ................................. 392–3

ephemera ................................................................. 231, 360 (see also watch-pad; watch-paper)

billhead

Dawson, G.W ........................................................ 101

Desbois, Daniel & Sons............................................ 101

Wakins, Ernest A .................................................... 101

invoice

Dawson, G.W ........................................................ 102

Falconer, George, & Co., of Hong Kong ...................... 184
ephemera, continued

trade card
Better, Sidney, of London.......................653
Mangaar, John Adam, of London.............222

trade label
Arnold, John Roger, of London.............149, 256, 257, 258
Lloyd, John, of Llanfihangel.................371, 373, 377, 588
dial, equation of time.............................225
ephemeris time...........................................91
(see also dial, equation of time; dial, solar time)
McQuater, Archie.................................282
Parr (Liverpool area), longcase clock......284
Errington Watch Company.....................236
ecape wheel, uncrossed..........................701
escapement
anchor
early examples.........................................805–14
experimental.............................................813
Fromanteel, Abraham, of Newcastle,
longcase clock.........................................805
Knibb, Joseph, of London, longcase clock....805
constant force, Lange & Söhne, A.............718
coup perdu..................................................555–6
cross-beat, Fromanteel, Ahasuerus, of London........801

cylinder
Graham, George, of London, no. 5193......558, 560
dead-beat
Grindall, John, of Dumfries, longcase clock....317
échappement libre......................................56
échappement naturel.................................52–70
draw in......................................................59–60
examples by Breguet..................................62
grasshopper
Burgess, Martin...........................................129
double pendulum........................................335
Harrison, John...........................................726
Taylor, Dr John C.........................................584

gavity
detached single arm....................................123
Fasoldt, Charles........................................130
four-legged...............................................116, 583
sixteen-legged..........................................583
three-legged.............................................584
Hardy’s spring-pallet................................453–4
Higgon, David............................................727
lever
South-West Lancashire and the
Lever Escapement, lecture by Alan Treherne....724–5
lever, Massey Type 1, Kellett, Samuel, of Bredbury....284
pivot-detent
Dance, John Benjamin, of Manchester........554–6
Evans, William Frederick, of Handsworth......554–6
Maclean, G., of Glasgow.........................556
Motel, Henri, of Paris, no. 107....................759
Renier, of Paris...........................................25
rack lever.................................................93–6
Litherland & Co., of Liverpool, no. 1715......155
Robin........................................................64
spring detent, Arnold
Arnold, John, no. 176, marine chronometer....260–2

escapement, continued
spring detent, Earnshaw
Earnshaw, Thomas, of London...............590
Mangaar, John Adam, of London, no. 912...223, 590
Strasser....................................................876
tic-tac
Knibb, Joseph, of London, bracket clock......772
Tompion, Thomas, of London,
bracket clock no. 161.................................813, 814
verge, Russell, John, of Costessey, transitional clock....117
verge and foliot.........................................130
verge, dead-beat, Wregg, of London.............116
virgule, le Roy, Pierre, of Paris, watch.........509
Essen, Louis...........................................258, 81–92, 121, 290–1
(see also Essen, Ray)
cavity-resonator wavemeters.....................86
eyears.......................................................81–2
portrait of...................................................81
quartz ring oscillator...............................85, 290–1
Essen, Ray
Dye-Eisen Rings – Then and Now, letter........290–1
The Life and Work of Louis Essen (1908–1997),
Father of Atomic Time.............................81–92
correction...............................................290–1
Louis Essen, lecture....................................121
Eton College, Courtenay Ilbert at.............500–1
Evans, David
Peter Letherland, Liverpool and the Rack Lever......93–6
sale of collection advertised.....................23
Evans, Hugh, of Esgairgelliog....................365
Evans, Jeremy...........................................174, 559
A Clock Signed Van Call, letter.................737–9
Graham Watch no. 5193, letter..................733–4
Evans, Lewis...............................................279
Evans, William Frederick, of Handsworth......288, 554
table regulator, pivot-detent.......................554–7
Evard, Maurice..........................................565
Evelyn, John...............................................578, 587
Everest, Col. Sir George...........................535
exhibition
‘Astronomical’ clocks, Zaandam,
Museum van het Nederlandse Uurwerk...........119–20
Dierbare Vrienden (beloved friends).............581–2, 727–8
Harrison and Fromanteel clocks,
London, Science Museum........................776–7
Keeping Time, Bury St Edmunds...............634
SingSong, Treasures from the Forbidden City,
Utrecht......................................................497–8
The Three Faces of Time, Wimborne Minster......633
Treasures from the library of the German Clockmuseum,
catalogue reviewed..................................706–8
Writing Time, La Chaux de Fonds...............777–8
Exmouth, 1st Viscount...............................815, 818
Exmouth, 2nd Viscount............................818, 821
Exmouth, 10th Viscount............................815

expense book
Master, James, of Yotes Court, Kent..........544–6
horological entries....................................549
The Significance of Expense Books to Horologists,
by Chris H.K. Williams............................541–9

ANTHROPOLOGICAL HOROLOGY
false pendulum (on bracket clock, by), continued,
Quare, Daniel, and Stephen Horsemann
no. 238 (248), green japanned case..............211
Stones, Thomas, of London...........................327
Walker, Peter, of London, ¼ repeat, japanned case........214
Wheatley, William, ebonised, ¼ chiming.............20
Windmills, Joseph, of London
3-train, red japanned case..........................215–16
¼ repeat, japanned case..............................212
japanned case..............................................205–6
red japanned case..........................................215
Windmills, Thomas, of London
¼ repeat, green japanned case......................216, 217

A Family of Longcase Movements with an Early Anchor
Escapement, circa 1670, by Alan Fersht..............805–14

Fanzago, Pietro, turret clock, astronomical............271
Forrier, Thomas, of Westleton.........................520
Fasoldt, Charles, of New York.........................130
gravity escapement........................................130
table regulator..............................................770
Faulkner, Edward, of London, longcase clock, lacquer ....484
Feeley, Noel P...................................................720
Felmoungh, of Bunyag
longcase clock, death of Nelson scene..............679, 682, 684
Fersht, Alan, A Family of Longcase Movements with an Early Anchor Escapement, circa 1670........805–14

figure, male
lantern clock with pillars in form of..................405–16
oak furniture, use in......................................414–15
filigree, use of fine furniture to assist...............515–16
film, The Watchmaker (Charlie Chaplin).............119
Fine, Oronce, of Paris.....................................434
finials, longcase, commemorative......................685–6
Finisterre, battle of, commemorative clock...........665–6
Firth, David, Yorkshire Longcase Clocks & Their Makers, reviewed..............269–70
Fischer, Martin, of Zurich..............................580
Fischer, of Potsdam
longcase clock, ¼ striking, Boule case..............720
longcase clock case, painted grain....................720
Fisher, Mr, clock-keeper of Wells......................729
Fitzroy, Captain Robert.................................537
Flaherty, Tom.................................................704
Flamsteed, John, Astronemer Royal........................281
Flamsteed, John, Astronemer Royal, reviewed........281

false pendulum (on bracket clock, by)
Faellet, Estelle..................................................565
false pendulum, facettted glass
Windmills, Joseph, of London, bracket clock........212, 214
false pendulum, inverted, in arch
Vulliamy, Justin, of London, bracket clock........476–7
false pendulum, continued,
Vulliamy, Justin, of London, bracket clock........476–7
false pendulum (on bracket clock, by)
Allam, William, of London, ebonised, brass mounted. 489
Boyce, James, of London, ¼ repeat, japanned........210, 211
Butot, of Paris (Claude Duchesne?).....................49
Bushman, John, of London, ¼ repeat, basket top. 488
Curteen, William, of London.............................316
De Bauffre, James, of London, blue japanned case..210
De Charmes, Simon, of London
japanned case................................................207
musical, japanned case....................................208
Delander, Daniel, ebonised, silver dial...................3
Du Chesne, Claude, of London
Boule marquetry case, signed Butot à Paris........49
bracket clock, ebony ¼ striking..........................47
ebonny ¼ striking.........................................47
red japanned case.........................................210
Dunlop, Andrew, of London, alarm dial in arch........24
Elliot, John, junior, of London
3-train, red japanned case...............................216, 218
Fromanteel and Clarke, grande sonnerie, alarm, tortured shell, double basket top......................481
Gray, Benjamin, and Justin Vulliamy, no. 228........628
Markwick, James, junior, of London
green japanned case.........................................217–18, 219
Prior, George, of London, ormolu mounted............164

Fals, Mr. S...............................................................781, 798–804
Facebook, Gretton book project page...................739
FachKreis Turmuhren, Oxford-based symposium........876–7
factory
ABEC (All British Escapement Co.) Ltd..................243
Dennison Watch Case Company..........................439
Enfield Clock Co. (London) Ltd............................246
English Clock Factory, Salisbury..........................236
Garrard Clocks Ltd..............................................242
Garrard Engineering Co. Ltd..............................241
Grimshaw, Baxter and J. J. Elliott Ltd...................238
Haycock, William, of Ashbourne.........................451–2
Perivale Clock Manufacturing Co. Ltd....................354, 355
Smith, J. L. & W., of London, view of c.1870...........131–2
Tameside..................................................................239
Williamson, H., Ltd.............................................238
fairs, clock and watch
2010...................................................................110, 278, 442
2011..................................................................866
Falconer, George, & Co., of Hong Kong.................182–7
agents for Mercer of St Albans............................183–4
bracket clock
three-train, perpetual calendar, automaton...........185–7
chronometer, marine
Mercer no. 20469 supplied by.............................183
nos. 4843, 4844, 5658.........................................186
invoice..................................................................184
watch, no. 23780..................................................185
Fallet, Estelle.....................................................565
false pendulum, facettted glass
Windmills, Joseph, of London, bracket clock........212, 214
false pendulum, inverted, in arch
Vulliamy, Justin, of London, bracket clock........476–7
false pendulum, continued,
Vulliamy, Justin, of London, bracket clock........476–7
false pendulum (on bracket clock, by)
Allam, William, of London, ebonised, brass mounted. 489
Boyce, James, of London, ¼ repeat, japanned........210, 211
Butot, of Paris (Claude Duchesne?).....................49
Bushman, John, of London, ¼ repeat, basket top. 488
Curteen, William, of London.............................316
De Bauffre, James, of London, blue japanned case..210
De Charmes, Simon, of London
japanned case..................................................207
musical, japanned case.....................................208
Delander, Daniel, ebonised, silver dial....................3
Du Chesne, Claude, of London
Boule marquetry case, signed Butot à Paris..........49
bracket clock, ebony ¼ striking..........................47
ebonny ¼ striking.........................................47
red japanned case.........................................210
Dunlop, Andrew, of London, alarm dial in arch........24
Elliot, John, junior, of London
3-train, red japanned case...............................216, 218
Fromanteel and Clarke, grande sonnerie, alarm, tortured shell, double basket top......................481
Gray, Benjamin, and Justin Vulliamy, no. 228........628
Markwick, James, junior, of London
green japanned case.........................................217–18, 219
Prior, George, of London, ormolu mounted............164
For your further reading..........................136–9, 295–7, 463–4, 593–7, 740–4, 884–6
ANCAHA..................................................136–7, 463, 740–1
Het Torensuurwerk........................................593, 743
Horlogerie Ancienne.....................................137, 463–4, 741
Horological Journal......................................138, 295–6, 594, 886
Horological Science Newsletter......................296, 744
Klassik Uhren.............................................596–7
La Voce di Ora.............................................139, 595
NAWCC Bulletin.........................................138–9
Tijdschrift.....................................................137–8, 593–4, 743, 885–6
Watch & Clock Bulletin..............................295, 464, 594–5, 740, 884
Forestier, Leon, of Newcastle upon Tyne...........654–5, 657
Forgeries.......................................................460
Roberts, Samuel, of Llanfair Caereinion.............368
form clock, mortar, Cole, Thomas, no. 1589..........616
Fott, Raymond, photographer..........................80
Foster, Eric...................................................182
Foster, Thomas, of Tiverton
letter from Wabrough Hale & Co......................829–30
letter to Frederick Owen Patch.........................830
Four Generations of Watchcase Making
letter from Martin Matthews...........................879
Fowler, Charles, architect................................826
Fowler, Ian....................................................719, 720
The German Domestic Longcase Clock, lecture.....446–7
Fox, of Beverley, watch-paper..........................421
Fraiture, Eddy
Belgische uurwerken en hun makers AZ, reviewed..709–10
Clock & Watch Making in Flanders, 1300–1830,
by Eddy Fraiture and Paul van Rompay,
Dingwall-Beloe lecture, 2010, advertised.............320
Frampton, Derek
Diocesean Clocks Advisors Forum, letter............592
retirement as Southern Section Secretary.............873
visit report...................................................455–6
Francis, J.D., Ltd, of Liverpool........................360
Francis, of Birmingham, dial maker....................674
Franeker, planetarium....................................333
Franklin, Benjamin........................................38
4-hour dial, C. J. van Boom.............................728
Fraser, John, of Worcester
lantern clock..............................................16, 154, 318, 484, 610, 758
Frederick IV, King of Denmark.........................221
freedom box...............................................671
Freeman, P..................................................655
Freeth, Tony..................................................117
Fremersdorff, Joseph.................................173
Frete, J. Hookham.........................................53
Frodsham, Charles, of London.........................539
carriage clock
giant.......................................................20
no. 1007, twin up-and-down dials......................326
chronometer, marine
no. 2519....................................................156, 488, 622, 762
no. 3178, Airy’s compensation........................184
Frodsham, of Paris, mantel clock, perpetual calendar,
barometer, thermometers...............................451

Fromanteel, Abraham, of Newcastle
longcase clock, 8-day....................................805, 806
anchor.......................................................813
dial.........................................................807
30-hr movement, early anchor escapement.........805, 806, 808
count-wheel..............................................811
dial.........................................................807
escapement...............................................813
latch and fly.............................................812
Fromanteel, Ahasuerus, and Edward East
table clock.................................................579, 586
Fromanteel, Ahasuerus, of London.....................199, 341, 579
Ahasuerus Fromanteel and the Early Pendulum Clock
in England, lecture by Rebecca Pohancenik.........578–9
advertised..................................................274
clock, Dudley Palmer’s, solar/equation/musical......587
clock, long duration......................................587
clocks of displayed......................................579
clocks which may not fit accepted chronology........191
correction by David Penney............................585–6
Coster-Fromanteel contract............................195, 336–42, 579
design of sample movement argued....................342
Coster’s ‘secret’...........................................197
East and Fromanteel, letter by David Penney........585–6
lantern clock, signed Davis Mell, automata, musical,
pendulum.................................................588
list of inventions.......................................191, 195
longcase clock, Duke of Norfolk’s......................776–7
pillars, square, used by..................................341
signature....................................................274
table clock, grande sonnerie.............................161
wall clock, three-day duration, striking..............199–200
Fromanteel and Clarke, of Amsterdam
bracket clock, grande sonnerie,
alarm, tortoiseshell, double basket top..............481
Fromanteel, John, of London
Coster-Fromanteel contract,
provision of movement parts argued..................336–42
The Coster-Fromanteel Contract: John Fromanteel:
Brass and Steel, by Dr John C. Taylor................336–42
letter from Keith Pigott.................................586–8
movement in Coster timepiece, 1658...................338
wall clock, possibly seen in Rijksmuseum............882–3
Fromanteel, connections with Joseph Knibb.............805
front plate, divided
Knibb, Joseph, of London..............................78
Furneaux, Tobias (Captain).............................533
furniture, fine, use as filing rest........................515–16
Fürstenfelder, Benedikt, of Aichach and Friedberg
clock, lacquered case....................................529
coach watch.............................................529
life of.......................................................529
table clock................................................529
hexagonal, minute repeating.........................529
minute repeating........................................527
watch......................................................529
minute repeat, gold and carnelian case...............526–7, 528
watch (attrib.), minute repeating, silver case........525, 527–8
Fürstenfelder, Johannes.................................529
Fürstenfelder, Matthias Benedikt.......................529
fuse, clockwork..............................................................645
fuse chain
The Christchurch Fuse Chain Gang,
by Sue Newman, reviewed.................................437–8
manufacturers and production.................................437–8
Mercer's manufacture of.........................................641
repair of..................................................................516

G
Galiano, Dionisio Alcaná..................................................533, 540
Galileo

 cited by Hooke in development of pendulum clock....193
pendulum experiments.............................................192
Gamages, catalogue....................................................637
Gammon, Carolyn.....................................................721
Gardner, Malcolm......................................................530
Garnett, Dave...........................................................71, 80
Garrard & Co., of London, Silver Jubilee clock............350, 352
Garrard Clocks Ltd....................................................241–2, 249
factory...............................................................241, 242
mantel clock, Westminster chiming..........................242
trademark..................................................................242
Garrard Engineering Co. Ltd....................................234, 241
factory...................................................................241
gas lighting controller, for turret clock
Ritchie, J., of Edinburgh............................................113
Gaston, Mrs Sue.....................................................184
Gatto, Martin, The Tavern Clock, reviewed.................271–2
Gaupp, Charles J. & Co., of Hong Kong.....................188
fuse pendulum timepiece (wall)..............................188, 189
The Gauwen Brown Family and 'The Last Apprentice';
Chris Watson.......................................................31–42
geared, wooden......................................................333
Gleding, Nottinghamshire, churchwardens' accounts....835–6
General Post Office (GPO), timekeeping involvement..290–1
Gentleman's Magazine, 1787, engraving of navicula.....433
Gents of Leicester, workshop.....................................582
geodetic clock, Richter, Max, of Berlin......................875–6
George Graham's Watch number 5193,
Picture Gallery, by Rebecca Webster.......................558–61
George II, King, named on John Harrison's 'H2'.......753
George III, King, depiction on longcase finial..............674, 685

Germany
continuing contribution to science of timekeeping.......445
The German Domestic Longcase Clock,
lecture by Ian Thompson.........................................446–7
Ghisiebrecht, Michel, of Brussels, astronomical clock....710
Gibbons, Michael....................................................119, 445, 725, 873
book review......................................................103, 705–6
lecture report.......................................................287
Gift of Collection of Longcase Clocks to the British Museum,
David Thompson..................................................498
Gilby, David..........................................................285
Gilchrist, Owen, Dismantling and Reassembling a
Pocket Watch, demonstration...............................724
gilding, fire or mercury.............................................739
Giles, Walter, of Gleding, farmer...............................832, 833
Gill, John, Claude Duchesne – Huguenot Clockmaker....43–51
Gillett & Co.
turret clock, Toddington, Beds, St George's church....583
workshop...............................................................582
Gillett and Bland, turret clock, Wells Cathedral............729
Gillett and Johnston, Ltd, of Croydon

 domestic clocks...................................................237, 343–4, 345, 346, 348
turret clock, Croscome (attrib.)...............................729
Gipmans, Henk, reconstruction of de Dondi's Astrarium.332
Giroust, Alexander, of London

 longcase clock, miniature spring-driven..................513
Gisze, George, portrait by Holbein..............................292
Glamis Castle, sundial at............................................869
Glamorgan, map of, 1799..........................................380
Glanville, John, Dr Alan Shenton Award, 2010............715
Glanville, John, and Bill Wolmuth
Clock Making in Twentieth-Century England and Wales:
Part 1.................................................................231–49
letter from Peter Gosnell.................................457–60
Part 2.................................................................343–60
Glassy, John
lecture report..........................................................286
meeting report........................................................117, 872
Glashütte, museums...................................................717
Glashütte Watch Company......................................717
glass, “old”, modern manufacture............................288
glass, “unbreakable”.................................................638
Glennie, Paul, Wiser after the Event? Researching and
Writing Shaping the Day, lecture...............................280
Glennie, Paul, and Nigel Thrift

 Shaping the Day, A History of Timekeeping
in England and Wales 1300–1800..............................280, 366
researching and writing...........................................280
globe clock, Juvet & Co.............................................166
globe, mechanical celestial
Emmoser, Gerhart, of Augsburg.................................173, 174
Gloria, of Rouen.......................................................529
Gloverstone Clockmakers of Chester,
letter (research request), Steve and Darlah Thomas....592
Gobert, Peter (Piirre), of London.................................44, 46
Goodyear, John T........................................................835
Gold Flake cigarettes..............................................763
Gole, Pierre, marqueteur..............................................266
Gooch, William, astronomer.....................................534, 538
Good, Richard.......................................................52, 170, 174
chronometer, made for Seth Atwood.........................176
Goodall, George, of Mickleton wastewater
musical clock with sunrise and sunset.......................285
Goodwin, Cliff
Victorian Pocket Watch in Murder Case, letter.............879
Goonhill Downs antenna...........................................90
Gordon-Smith, Sir Allan.........................................243, 353
Gorsuch, Thomas, of Shrewsbury, clockmaker..............844, 845
Gosnell, Peter..........................................................235
Clockmaking in Twentieth-Century England and Wales:
Part 1, letter..........................................................457–8
For your further reading..........................................138–9, 295, 464, 594–5,
740, 884
A Poorly Finished but Interesting 30 Hour Movement,
Picture Gallery....................................................424–30
Twelve 10 × 8 Inch Glass Plate Clock Negatives............71–80
Gothic clock................................................453, 689–90, 696
Plummer, George, of London, watch in.................118
replica by Ian Hammond..................................30
Gould, Christopher, of London, longcase clock, lacquered.14
Gould, Lt-Cdr Rupert T.........................................516
GPO, see Post Office (GPO)..........................................581
da Grace [antiquarian horologist].................................516
Graf, Johannes
Der kunstreiche Uhrmacher – Kostbarkeiten aus der
Bibliothek des Deutschen Uhrenmuseums, reviewed.706–8
Graham, George, of London
bracket clock, 3-train, red japanned......................216
George Graham’s Watch number 5193,
Picture Gallery, by Rebecca Webster.............558–61
letter from Jeremy Evans........................................733–4
lunette clock...........................................................727
pendulum adjustment, ‘tin-whistle’......................859
signature, own, presumed, on watch..............558, 559, 561, 734
significance disputed........................................733
watch
no. 5175.................................................................558
no. 5182 .................................................................558, 559, 733
no. 5193, cylinder, secret locking.....................558–61, 733–4
train count..............................................................559
no. 5195.................................................................558, 559
nos. 5202, 5204, 5207, 5210...............................559
nos. 5223, 5227, 5234, 5261...............................559
no. 5256.................................................................558, 559, 733
nos. 5275, 5287........................................................558, 559
Graham, K.H.C., Ltd..................................................350
grande sonnerie, see striking, grande sonnerie
grandmother clock
Elliott, F.W. Ltd, of Croydon.........................346. 349
Perivale Clock Manufacturing Co. Ltd..................358
Grange, Michael, collection, donated to British Museum:498
Grant, John, of London, theft of watches from, 1825.....135
Graupner, Paul Gottfried........................................529
gravity clock, Tuerling (American Screw Clock Co.)........127
Gray, Benjamin, and Justin Vulliamy
bracket clock, no. 228, ¼ repeat, ebony, gilt mounts.628
Gray, Mr. [watchmaker]..............................................783
Gray, of Shaftesbury, turret clock maker.............832
The Great Collectors, editorial, by Dr Peter de Clercq........................................495
Great War, see War, First World (1914–18)
Greenwich, Royal Observatory
Chronometer Section..............................................657
chronometer trials..................................................640, 647
Greenwood, John, & Sons, of Clerkenwell.............235
Grendey, Giles, japanned furniture maker.............204
Gretton, Charles, of London
bracket clock, four subsidiary dials....................569
The Charles Gretton Project, July 2010, letter........461–2
Gretton On-Line, letter...........................................739
The Gretton Project, lecture by Dennis Radage advertised..................................................569
reported.................................................................868–9
longcase clock
¼ striking, marquetry case..........................152–3
month duration, marquetry case..................755
watch, rock crystal case..............................461, 462
Gretton, Charles, of London, continued,
watch dial signature detail................................569
Grice, William, lecture report........................575–6
grid, protective, over wrist-watch glass............638, 639
Gridley, Mr. [NPL artificer]..............................87
Griffiths, H.V.........................................................291
Griffiths, John.......................................................650
Grimbergen, Dr C..................................................119–20
Grimbergen, Kees..................................................581
Grimshaw, Baxter and J.J. Elliott Ltd.............237–8, 345–6
amalgamation with H.Williamson, advertised........238
employment of women........................................646
factory.................................................................238
mantel clock......................................................237, 642
trade stand, 1921....................................................238
Grimthorpe, Edmund, 1st Baron (Edward Beckett).................................113, 432
Grimthorpe, 5th Baron (Edward Beckett)..................584
Grindall, John, of Dumfries, longcase clock, mahogany,
moon and tidal dials, hour repeat....................317
Gros, May, case maker, watch............................55
Grote, Madame de, Jean Helot’s comments.............788–9
grouse, representation in hood cresting...............365, 366
Grove, Ann, of Clerkenwell, watch case maker...........838
Guerchoon, Andrew..............................................249, 353, 356
Gruf, see also Colin, Dr Andrew Guerschoon
GUFA (Gütenbach UhrenFabrik)..........................245
Guggenheim Tompson...........................................763
Guildhall, Nelson memorial..................................678
Guildhall Library (The), refurbishment..............112
Guillaume, Dr C.E..................................................281
 Günther, Wolfgang..................................................198
H
Haagse klok, see Hague clock
HAC (Hamburg American Clock Company)............236
Hadley, Humphrey, of Birmingham
four clockmakers so named..............................226
The Notebook of Humphrey Hadley of Birmingham,
by John A. Robey
Hadley, William, plumber.......................................226
Hague clock
Coster, Salomon, of The Hague...............................579
introduction of......................................................191
Scheij, Leo, copy of month duration 1682, by
Pieter Visbagh, of The Hague.................................456, 727–8
Vrijthof, Johannes................................................728
Hahn, Christian Gottfried, of Paris and USA........591–2
Hahn, Philipp Matthäus, Philipp Matthäus Hahn, letter, Dr Christoph Öhm-Kühnle................457
headspring, see balance spring
Hall, Sir Benjamin..................................................431
Hall, Professor Edward.........................................735
Hall, Jayne...........................................................650
Hall, J.J.................................................................822
Haller & Benzing..................................................353–4, 355, 356
chiming, quarter, patent........................................357
Halsted, Charles, of London, longcase clock, marquetry.319
Harradine, Stanley............................................652, 663, 664
Harries, David................................................................540

Harris, 5th Baron...........65–6, 279 (see also collection: Harris)

Lord Harris on Breguet’s Watch 1135,
letter from Jonathan Betts.........................293

Harris, Carter..................................................128
Harris, Joseph, of Maidstone, watch, silver balance cock...118
Harris, Thomas, of London

longcase clock, olivewood, marquetry panels.................72–3
Harris, William, of Chippenham, Wiltshire, tavern clock...314
Harrison, James, of Barrow, longcase clock, 1727........105, 447
Harrison, John..........................................................270

John Harrison and his Ultimate Pendulum Clocks,
lecture by Dr Stuart Harrison..................................285

longcase clock, 1727 (made by James Harrison)........105, 447

longcase clock no. 1..............................................777

marine timekeeper H1
restoration assisted by Mercer’s..........................436

marine timekeeper H2........................................105, 753

anti-friction segment..............................................852
compensation levers.............................................853
conservation of..................................................846–54
dismantled.................................................................849
escape wheel pinion..............................................853
fly pivot showing wear.........................................851
fusee and great wheel..........................................848
general view...............................................................846
grasshopper escapement......................................847
mean time adjustment..........................................849
remontoire assembly..............................................854
remontoire details..................................................847, 851
remontoire fourth wheel.......................................852

Harrison, John, continued,
marine timekeeper H2, continued,
signature plate...................................................753, 854
marine timekeeper H4............................................281, 539
replica by Derek Pratt...........................................29
marine timekeeper H5.............................................868
acquisition by Clockmakers’ Company.....................568

RAS regulator.......................................................285

BHI replica project................................................283
turret clock, Brocklesby Park,
Harrison Turret Clock Replica,
lecture by Andrew King.......................................725–6
Harrison Medal, Worshipful Company of Clockmakers,
awarded to David Thompson............................443
Harrison, Dr Stuart, John Harrison and his
Ultimate Pendulum Clocks, lecture.....................285

Hart, William, & Co., of Christchurch, fuse chain manufacturer.................................437
Harthill, Samuel.....................................................191, 195–200, 578–9, 987
Hartmann, Francois-Joseph, of Paris

mantel clock, eight dials, automata, calendar.............627

Harvard University, collection................................123
Harvey, Robert, of London, lantern clock...............405, 704
Harvey, Thomas, of London, cartel clock...............314
Hasell, Joshua, of London........................................221
Hasselmeyer, Lothar.............................................718, 720

Hastings, Peter..........................................................447
Hayard, Michel, Antide Janvier, reviewed.................855–6
Haycock, of Ashbourne........................................451–2

Haycock, Charles, of Ashbourne.............................451–2
Haycock, Neil, of Ashbourne................................451–2

Haynes, Dennis........................................................739
Haynes, of London.................................................589

HB, “hollow back”, recess in pillar plate..................725
Heath, Charles, antiquarian....................................669

Heckel, Johann, of Friedberg

watch movement, minute repeating..........................527
Hecksher, Morrison................................................126

Heerman, Louis (Ludwig), of Hong Kong.................188
Hees, Michiel van.....................................................120, 416

Adamson Clocks, letter (research request)................134

Heinrich Johann Kessels,
letter from Dr Günther Oestmann.......................134–5

Helot, Anne.................................................................781

Helot, Elizabeth........................................................781

Helot, Jane Cornelia..................................................781

Helot, Jean
biographical..........................................................780
clockmaker to Sophia Electress of Hanover.............780

comments on
Diseo, Baron..........................................................797
Mr S.F..............................................................798–804

Groote, Madame de...............................................788–9
King’s Guards......................................................790–4
King’s man...............................................................795–6

minister at Locken Abbey..................................789–90

Scales, Mr..............................................................798

Walter, Mr, of Rotterdam........................................787

signature on watch..................................................780
Helot, Jean, continued,
*The Tribulations of Jean Helot,*
by Anthony Turner ................................. 779–804
watch finisher for Jan van Ceulen.................. 780, 799
watch in enamel case................................ 784–5
will.......................................................... 780–1
Helot, Jean, II.......................................... 780
Helot, Magdalena...................................... 781
Helot, Marianne........................................ 781
Helot, Paul.............................................. 781
Hemsley, Samuel, of Gedling, blacksmith........ 832–3, 836
Henderson, John, of Dunfermline
longcase clock, centre-seconds and date........ 114
Henkels, Jan, of Amsterdam, musical automata clock..... 451
Herodorus................................................ 297
Hesketh, Alexander, 3rd Baron..................... 725
Hevelius, Johann........................................ 192
portrait.................................................... 198
Higgon, David, *A Jovilabe clock,* lecture........ 726–7
Hill, David............................................... 496
Hill, Francis, of London, lantern clock.......... 16, 154, 318, 484
Hillson, Richard, of Plympton, turret clock..... 253
Hipkiss, Richard, of Birmingham,
dial maker.................................................. 605, 674–6, 677, 687, 682, 683
farming knowledge..................................... 683
Hirst Bros & Co. Ltd................................... 239–40
HMMS, etc., see ship
Hodges, Edward, of Spalding
lantern clock.............................................. 318, 484, 610, 758
Hodgson, Brynn
*For your further reading*.......................... 138, 295–6, 594, 886
obituary of Peter Clarke.............................. 28
Student Bursary 2010................................. 30
Hodzelmans, Wim, astronomical clock............. 120
Hoeve, Johan ten
portrait...................................................... 335
presented with AHS Prize............................. 335
replica of Octagon Room Tompion................. 335
Hofland, Carel......................................... 581–2
astronomical clock..................................... 120
meeting report......................................... 727–8
Hoff, F.C.................................................. 446
Hoggard, Roland, of Thurgarton,
St Pancras station clock............................... 582
Hohwü, Andreas, chronometer maker............ 134
Hollis, Geoffrey, tour report, Somerset........... 729
Holmes, John, of London
apprentices of.......................................... 31
Brown, Gawen, junior, of Boston (1754–1789)..... 37
children of, painted by Mather Brown............. 39
daughter Mary’s marriage to Gawen Brown...... 39
friendship with Gawen Brown (1720–1801)...... 33–5
longcase clock, mahogany, ¼ striking.............. 608–9
premises, 156 Strand, modern picture of.......... 38
Honeyman, H.J........................................ 672
Hong Kong
background and foreign craftsmen in............. 178–9
German-speaking watchmakers in................ 187–9
probability of clock and watch manufacture in... 190
sources of information on watchmakers in........ 190

Hong Kong, continued,
*Watch and Clockmakers of Hong Kong,*
by Bernard North....................................... 178–90
Hoogendoorn, Aalbert, planetarium................. 333
Hooke, Robert
on Huygens’ part in development of pendulum clock....................................... 192–4, 200
on invention of counting pendulum beats........ 192–3
Hooper, John Alfred................................... 704
Hoxton, Earl of......................................... 450, 451
Hope-Jones, Frank...................................... 636
Hopton House, visit by Scottish Section........... 450–1
Hoppenhaupt, Johann Christian, longcase clock, musical. 720
Hoppes, Ronald R., *The Most Important Clock in America:* The David Rittenhouse Astronomical
*Musical Clock at Drexel University,* reviewed... 563–5
Hornsby, David......................................... 554
Clock Manufacturing in Soho, Handsworth,
*Birmingham, 1760–1934,* lecture.................. 287–8, 554
The Horological Directory 2011, Richard Snelling (ed.),
announced.................................................. 498
Horological Journal ................................. 235–6, 238, 239, 240, 291, 344, 345,
347, 636, 642, 648, 649
*(see also For your further reading)*
Better, Sidney, advertisements of................... 653
Clock and Watch Collector (1953).................... 275
effects of Great War noted in......................... 636, 637, 643, 644
Horological Journal for Overseas Subscribers..... 496
low pay of craftsmen...................................... 645
Horological Miscellany
Antikythera mechanism.................................. 139
*A discovery inside a shark*........................... 297
Letter from Liverpool watchmakers................ 139–40
Horological News ........................................ 28–30, 170–7, 332–5,
496–8, 630–4, 776–8
horologists, antiquarian, prominent c. 1930..... 516
Horology in Bury St Edmunds......................... 633–4
Horsemann Gear Co. Ltd, of Bath
mantel clock, striking................................ 240
Newbridge Clocks..................................... 240–1
hospital, French Protestant......................... 45, 46, 51
Hough, Roger (not Robert) of Stockport......... 630
Houghton, John......................................... 288
hour-glass................................................... 845
household book, *see expense book*
Howard, E., astronomical regulator, no. 194,
detached single-arm gravity escapement........... 123
Hoy, John................................................. 520
Huaut, les deux frères, case for watch by Jean Helot... 784–5
Huber, Dr Bernhard..................................... 566
Huber, Peter, of Norderney........................... 446
Hubert, David, of London, watches
minute repeating......................................... 735
silver, champlevé dial, centre-seconds............... 508, 509
Hubert, John............................................. 876
*The Bentley Clock,* lecture........................ 288–9
Hudson, Felix, Memorial Lecture, 2010,
*Update on Clockmännisch clockmakers,* Bob Lindsay........ 723
Hughes, Dr John, of Tregaron....................... 375
Hughes, Henry, & Sons Ltd......................... 244
Hughes, Lynette.................................................................719
Huguenot
attitude to debt and payment...........................................783
Church..............................................................................96
Claude Duchesne – Huguenot Clockmaker.....................43–51
clockmakers and casemakers...........................................207–11
persecution of....................................................................780
Humphries, A, portrait.......................................................359
Hunt, Hugh, *Trinity College clock*, talk..........................584
Hunt, Isaac, & Co., see Berry, James, of Prescot
Hurst, Lawrence.................................................................444
*Early Minute Repeaters*, letter......................................735
Hurst, Michael.................................................................100, 102, 704
Book Review.......................................................................265–6
election to Vice-President of AHS.....................................445, 449
Hutchinson, Beresford.......................................................881
Hutchinson, Robin
lecture report......................................................................724–5, 869–71
visit report..........................................................................451–2
Huxham & Rowe, tender for turret clock.........................827
Huygens, Christiana.........................................................83, 339, 341, 579
endless cord..........................................................................197, 690, 696
*Horologium* (1658)..........................................................191, 193
*Horologium Oscillatorium* (1673)....................................191
invention of pendulum clock..............................................586
marine timekeeper.............................................................723
patents, predilection for....................................................194

I

Ilbert, Courtenay Adrian....................................................495
Bath, 5 Chaucer Road, lodging at....................................505
collection ledger................................................................505–13
*Courtenay Ilbert, Horological Collector*,
by Paul Buck
*Part I: The Early Years, 1888–1930*..........................499–516
early travels......................................................................500–4
Eton and King’s College Cambridge.................................500–2
family and preparatory school.........................................499–500
friendship with Paul M. Chamberlaine.............................513, 515–16
house, 10 Milner Street.....................................................504, 505
journals of travels.............................................................502–4
long duration clocks, liking for......................................513
*Imperial*, brand name of Elliott clocks..............................346, 349
Inchbald, Michael.............................................................500
Indexing the Journal, editorial, by Dr Peter de Clercq........629
Infanteado, 13th Duke of..................................................204–7
infattard, 13th Duke of........................................................52–4
inflation, historic, on-line calculators...............................135, 873
inflation, twentieth-century..............................................234
Ingersoll, clocks and watches..........................................125
Ingersoll, Robert, wrist-watch (pocket watch conversion)....638
Ingold, Pierre Frédéric, debate over methods....................650
instrument maker
Dancer, John Benjamin, of Manchester...........................557
inventory
probate.............................................................................541
of Robert Miller, of Alloa..................................................723
invoice, see ephemera: invoice
Ireland, 300 Years of Irish Timekeeping,
by Kevin and Carol Chellar, reviewed.............................438
Iron framed chamber clock, weight-driven, Renaissance..690
ironing, improvement of in modern times.................358–60
Irthaca Clock Co., striking calendar clock....................166
ivory, skeleton clock made of............................................455
IWC (International Watch Co.), wrist-watch, Ingenieur....287

J

Jack Blandifer.....................................................................729
Jackman, Steve, meeting report......................................287–8, 873
Jackson, Brian.................................................................453, 454
Jacobs & Woolf, of London, shopfront, 1935.................356
Jacobs, Sarah, pricked watch-pad, 1788.........................422
Jacques, William, watch case maker...............................509
James, Andrew.................................................................335
obituary of Michael Legg.................................................776
Jamison, George, of Portsmouth
wall clock, English dial......................................................612
Janvier, Antoine
*Antide Janvier astronomical clocks*,
by Andrew Crisford......................................................630–3
*Antide Janvier*, by Michel Hayard
advertised..........................................................................299
reviewed...........................................................................855–6
audience clock, no. 350....................................................621
bankruptcy........................................................................632
pedestal regulator, 15-day, grande sonnerie,
triple movement............................................................323, 632
Regulator, Table.............................................................632–3
*sphère mouvante*..........................................................630–1
Japanese clock
anonymous, silver inlaid case, pyramid stand..................872
japanned case (see also japanning; lacquered case)
*Early English Japanned Table Clocks*,
by Robert Donaldson......................................................201–19
japanning.........................................................................203, 218–19
Arbuthnot, Philip...............................................................203
Belchier, John.................................................................204
Burroughs, John.............................................................203
Clay, Henry, of Birmingham.........................................669
Dagly, Gerhard, of Berlin................................................212
Grendy, Giles.................................................................204
Johnson, Mr, of Boston.....................................................32, 33
Schnell, Martin, of Dresden.............................................212
Stalker, John.................................................................203
Strawbridge, Thomas......................................................203
japanning
chinoiserie decoration....................................................202
coloured grounds used in...............................................202
comparison with Oriental lacquer.................................202
Dutch influence on..........................................................206–7
early use on table clocks..................................................204–7
frailty of.............................................................................202, 218
materials and techniques.................................................201–3
as substitute for true lacquer..........................................201
summary...........................................................................218–19
symbolism of motifs.........................................................203
white ground used in.......................................................207, 212–15
Jarrett, Professor Paul......................................................496
Jauney, Commander......................................................516
Jefferson, Thomas..........................................................540
Jefferys, John, of London................................................281
Jeffries, Mr, watch finisher
  Arnold, no. 176, marine chronometer........................256, 534
Jenkins & Co., of Christchurch, fusee chainmakers...........437
Jenkins, Mrs Ada Mary and Miss Ada Florence...............653
Jensen, Gerrit, marqueteur, provided japanned panels......202
Jervis, Sir John, 1st Earl of St Vincent.........................669
Johannsen, Asmus, of London........................................641
John C. Taylor Masterworks
  Salomon Coster wall clock replica...............................17
  bracket clock, walnut, ¼ repeat..................................313
Johnson, Mr, of Boston, japanner.................................32, 33
Johnson, Richard [of Ripon?], longcase clock...............270
William Porthouse’s Remontoire
Johnson, Simon,..........................................................55
  William Porthouse’s Remontoire.................................550–3
Johnston, Cyril................................................................343
  three trains from two barrels design..........................345, 346
Jolly, William, of Leicester, watch...............................419
Joly, Jean Louis, case maker, watch...............................55
Jones family, of Fommon Castle....................................380
Jones, Sir Harold Spencer, Astronomer Royal...............648, 651
Jones, Henry, of London..............................................544
  bracket clock
    ¼ repeat, ebony, basket top....................................474
    ¼ repeat, ebony, Knibb workshops?.........................453, 730
    ebony, alarm, push/pull repeat...............................4–5
    carrying handle of bracket clock...........................453
    Henry Jones in the Temple, letter, C. Stuart Kelley.....730
    workforce and dating.............................................730
Jongerius, Joost...........................................................120
Jourdain family, of London
  Jourdain’s Clocks from Far and Wide,.........................878–9
  letter from Clive N. Ponsford.................................878–9
  list of seven clocks.........................................................
Jourdain, William, of London........................................446–7
  bracket clock
    ¼ repeat.................................................................878
    double basket top.................................................878
    musical clock, mahogany........................................878
Jourdain, William, of London, junior
  longcase clock........................................................718, 719, 878, 879
  German case............................................................879
  mahogany, lunar, hour repeat.................................485, 878
Journals, horological trade
  (see also For your further reading,
  Horological Journal, Watch and Clock Maker;
  Watchmaker, Jeweller, and Silversmith)
  attitude towards Great War......................................635–6
  reports of British manufacturing............................234, 235–6, 239
  journeyman clock, Earnshaw, Thomas, of London.........534
  A Jovilabe clock, lecture by David Higgon................726–7
Joyce, J.B., of Whitchurch
  turret clock, Streatham, Cambs...............................583
Junghans
  Astro-Chron.............................................................115
  Elektronom, pneumatic clock...................................580
  Jupiter, moons of
    A Jovilabe clock, lecture by David Higgon...............726–7
Just, Leonard, senior, of London, Canton, Macao, and Hong Kong..............................................179–80
Just, Leonard, junior, of Macao and Hong Kong.................179–80
Juvet & Co., terrestrial globe clock..............................166
K
Kamerer Kuss, anglicization of name................................636
  full history of..........................................................883–4
Kamp, Hans van de.....................................................130–1
Kane, Dr Patricia..........................................................126
karrusel
  34-minute......................................................................284
  52½-minute..................................................................284
  deck watch, by
    Better, Sidney, of London, no. 93539.......................659–60
    Matthews, William, of Coventry, no. 34884.............479
    Newsome & Co., of Coventry, no. 151340...............655
Kays, of Worcester, watch, no. 905288...........................284
Kehlhoff, escapement maker..........................................63
Kellett, Samuel, of Bredbury, watch, Massy Type 1 lever...284
Kelley, C. Stuart, Henry Jones in the Temple, letter........730
Kelly, Jonathan
  awarded AHS Student Bursary 2010................................30
  portrait........................................................................30
Kelvin, Lord, pocket sundial.........................................873
Kemeys-Tynte family, of Cefn Mably............................380
Kempson, Peter, of Birmingham.....................................684, 686
  and Eli Felton, dial makers.......................................672–3, 684–5, 687
Kendall, Larcum, of London, marine chronometer
  K1..............................................................................532–3
  K3..............................................................................532, 533, 536, 537, 538, 539
Kentish, John, junior, of London..................................221, 589
Kiesant, Silke..................................................................720
K3...................................................................................725–6
Ketz, Hans-Jürgen and Klaudia
  collection, horological books......................................707
Kew Certificate, see under NPL (National Physical Laboratory)
  key drawer, on bracket clock by
    Boyce, James, of London, ¼ repeat, japanned...........210, 211
    De Charmes, Simon, of London, japanned.................208, 209
    Walker, Peter, of London, ¼ repeat, japanned..........214
  key, tipsey....................................................................284
  key, watch, advertising.............................................284
  key, watch crank.....................................................482
  key, winding, original
    Dutton, William, & Sons, of London, bracket clock....6–7
  Keyless Clock Company...............................................284
Kibble, William, of London, mantel clock.......................237
Kiesant, Silke.................................................................720
King, Andrew...............................................................496
  book reviews............................................................269–70, 856–60
  A Clock Signed Jan van Call, letter..........................590
  The Great Knibb, lecture announced..........................862
  Harrison Turret Clock Replica, lecture......................725–6
King, Andrew, continued,

*John Harrison's Second Precision Pendulum Clock*,
lecture..............................................................447
portrait of............................................................862
King, Bob, clock restorer...........................................815
King, Henry, of London, cartel clock.........................30
King, R.A., portrait...................................................359
King, Sarah.............................................................879
Kinnaird Castle, Henry Wynne sundial..........................869
Kipling, William, of London
bracket clock, japanned case......................................214
lantern clock............................................................284
Kircher, Athanasius.................................................203, 434
Kirkpatrick, Ron, *Claudius DuChesne*, letter...........293–4
Knapton, George, artist,
portrait possibly of Gawen Brown............................33, 34, 41–2
Kneale, Lawrence, turret clock restorer.........................815
Knibb, Joseph, of London
anchor escapement, experimental................................813
birthplace, Claydon, blue plaque unveiled.....................496
bracket clock.............................................................496
ebony, Dutch striking.............................................494
grande sonnerie striking........................................77–8
japanned case, 3-train ¼ striking..............................204–5
lacquered case.........................................................457
Roman striking.......................................................76, 772
silver skeleton dial, ¼ striking..................................329, 774
carrying handle of bracket clock.................................453
connections with the Fromanteels............................805
count-wheels..........................................................809, 811
dial signatures........................................................809
The Great Knibb, lecture, Andrew King, announced...862
longcase clock
30-hour, dials..........................................................807
30-hour movements...............................................808
with early anchor escapement.................................805
month duration, Roman striking................................453
walnut.................................................................157
walnut case, c.1671.................................................810, 811
movement plate latches...........................................809
signatures on clocks..............................................862
striking train flies..................................................812
turret clock...........................................................496
wall clock..............................................................496
wheel crossings......................................................806
Knibb, Joseph, of Oxford
longcase clock........................................................453
turret clock, Wadham College................................814, 877
Knibb, of Oxford
anonymous 30-hour longcase clock movement...............805–6,
807–8, 811–13
Knibb, Samuel, of London
birthplace, Claydon, blue plaque unveiled.....................496
Knifton, Thomas, of London.......................................834
Knight, Jack, lecture report.........................................287
Knight, Susan........................................................................443
Study Tour 2010 – Dresden and Berlin..............111, 576–7
Study Tour 2011 – St Petersburg and Moscow........716
Knight, W.A. (Alan), clock case maker......................97–100
Dawson and W.A. Knight, letter from Philip Arnott...290
Knip, Gerrit, of Amsterdam, planisphere clock............120
Knoblich, Theodor, of Altona.................................134
Knottesford, William
watch repairer to Sir William Aubrey......................844, 845
Kogon, E.F., portrait..................................................359
Komzak, Wolfgang.....................................................446
Kools, Robert, Chinese Clocks, letter.........................130–1
Koullapis, Justin, *Vintage Wristwatches*, lecture........287
Kranz, Ulrike............................................................717, 720
Krille, Friedrich Moritz, of Altona...............................134
Kriuscheel, O., portrait..............................................359
Krocht, Mr van der....................................................581
Kroese, J. P., table clock, Dutch.................................746
Kulhnes, Margaret.....................................................720
Kullberg, Victor, of London........................................641, 647–8
Künzi, Claude-Alain...................................................565
Kuss, Camerer, change of name to Cuss....................883–4
Kymín,.................................................................669

**L**

labour, division of, in watchmaking............................458–9
lacquered case (see also japanner; japanning)

*Laquer Clocks and Claudius DuChesne*,
letter from Neil Andrew...........................................457
lacquered case, bracket clock

*Early English Japanned Table Clocks*,
by Robert Donaldson..................................................201–19
early examples.........................................................204–7
large sized...............................................................210, 211, 215–18
late use of.................................................................217–18, 219
white ground used in.................................................212–15
lacquered case, bracket clock, by
Boyce, James, of London, ¼ repeat..............................210, 211
De Bauffre, James, of London, blue japanned...............210
De Charmes, Simon, of London
¼ repeat.................................................................207, 209, 212
musical.................................................................208–9
De St Leu, Daniel, of London........................................163
Du Chesne, Claude, of London
¼ striking, astronomical and calendar........................457
red japanned case......................................................210
Ellisott, John, junior, of London.................................214–15
3-train, red japanned.................................................216, 218
Graham, George, of London, 3-train, red japanned.....216
Kipling, William, of London, white japanned.............214
Knibb, Joseph, of London...........................................457
3-train ¼ striking.....................................................204–5
Prior, George, of London...........................................457
Quare, Daniel, and Stephen Horsemann
no. 187, ¼ repeat musical........................................211
no. 238 (248), bracket clock, green japanned.............210–11
Rimbault, Stephen, of London, musical, automata........465
Viet, Claude, of London.............................................457
Walker, Peter, of London, ¼ repeat, white japanned....214
lacquered case, bracket clock, by, continued,

Windmills, Joseph, of London.........................205–6
3-train, red japanned..............................215–16
¼ repeat, white japanned.........................212–14
red japanned.........................................215–16

Windmills, Thomas, of London
¼ repeat, green japanned..........................216, 217
lacquered case, longcase clock, white japanned.....215
lacquered case, longcase clock, by
Brown, Gawen, of Boston (1720–1801),
rocking ship automaton, penny moon..............32–3
De Charmes, Simon, of London, ¼ chiming.........457
Faulkner, Edward, of London...........................484
Gould, Christopher, of London........................14
Spendlove, John, II, of Thetford.......................521

Lagerweij, Jacques, planetarium..........................333

Lancashire
South-West Lancashire and the Lever Escapement,
lecture by Alan Treherne.............................724–5
Lancashire Watch Company, watch, no. 905288.....284
Lange & Söhne, A........................................576, 717
wrist-watch.............................................287
Richard Lange, Pour le Merite..........................718
Lange, Ferdinand A....................................717, 718
Lange, Richard, see Lange & Söhne, A.
Lange, Walter.............................................718
Langford, of Bristol, turret clock, East Harptree.....729
Langley, Thomas, of Abingdon, lantern clock...........758

lantern clock
balance wheel
conversion to pendulum..............................408–11
iron framed..............................................698, 699
iron, original, trefoil ornaments....................690–2
Steven, Henry, of London...........................695
Thornbury, W..............................................700–3, 704
bell, fastening of.....................................690, 691, 694
case, oak, coffin type..................................889
construction of English and Continental..........690
copper dial plate, Browne, Thomas, of Bristol.....13

English Lantern Clocks with Iron Frames,
by John A. Robey........................................689–704
French, earthenware dial, wooden frame............581
frets, heraldic.............................................698, 699
Gothic corner posts...................................690–3, 696–702
hammer (bell), construction of....................409, 416, 698, 702
iron framed
conclusions about seven examples..................704
converted by James Wright, of Knowle..............692–6
bell fastening.............................................694
movement details......................................692–6
train count.................................................695
converted, unsigned..................................696–8
Gothic corner posts, balance.........................690–2
miniature, by W. Thornbury.........................700–3
three examples...........................................698–700
iron top and bottom plates..........................405–7, 409, 411, 689–704

Lantern Clocks, lecture by Mike Cowham...........872
pillars in form of male figure.........................405–16
Somerset area, features...............................416, 698

lantern clock, continued,
An Unusual English Lantern Clock,
by John A. Robey........................................405–16
dial..............................................................405, 406
dial and its fixing.........................................412–14
duration.......................................................410–12
frame.........................................................405–7, 409, 411
going train and conversion..........................408–10, 411
pillars, in form of male figure.......................405–7, 414–16
striking train...............................................407–8

lantern clock, by
Archiver, Walter, of Stow on the Wold.............758
Ball, William, of Riccister............................758
Barlow, William, of King’s Lynn...................758
Barrow, John, of London..............................16, 154, 318, 484
Browne, Thomas, of Bristol, copper dial plate.....13
Buffett, John, of Colchester.........................758
Chapel, Henry, of Bridgwater.........................610
Clarke, George, of London............................154, 318
Closen, Peter, of London..............................16, 154, 318, 484, 872
Crawley, Thomas, of London.........................16, 154, 318, 484, 610
Crockford, Matthew, of London......................872
Curtis, Joseph, of Chew Magna......................16, 154, 318, 484, 610, 758
Davall, S. and Sons, Ltd.................................356, 358
Dehnam, Lawrence, of Frome.........................484
Drew, John, of London..................................700
Fraser, John, of Worcester.........................16, 154, 318, 484, 610, 758
Graham, George, of London..........................727
Harvey, Robert, of London............................405, 704
Hill, Francis, of London..............................16, 154, 318, 484
Hodges, Edward, of Spalding.........................318, 484, 610, 758
Kipling, William, of London.........................284
Langley, Thomas, of Abingdon.......................758
Lindsey, John, of Nayland.............................16, 154, 318, 484, 610, 758
London, John, of Bristol...............................484
Loomes, Thomas, of London............................318
Lovelock, Charles, of Warminster.....................16, 154, 318, 484, 610, 758
Manley, Cornelius, of Norwich......................16, 154, 318, 484, 610, 758
Markwick, James, of London.........................16, 154, 318
Markwick Markham, of London......................154, 318
Marsh, Humphrey, of Highworth.....................758
Massey, Edmund, of London, miniature..............606
Mell, Davis, of London.................................588
Michell, John, of Chardstock.........................16, 154, 318
Mills, Richard, of Edinburgh (Coultoun).............315
Myus, Joannes (Jan), of Maastricht..................512, 513
Prior, George, of London.........................16, 154, 318, 484, 610
Reeve, William, of Spalding..............16, 154, 318, 484, 610, 758
Richards, Robert, of London.........................758
Roberts, Richard, of London.........................16, 154, 318, 484, 610
Roe, Richard, of Epperstone.........................834
Rose, William, of Aylesbury.........................610, 758
Savage, Richard, of Much Wenlock.............1692–3, 321
Selwood, William, of London.........................406
Spendlove, Henry, of Metfield.......................519
Stanton, Edward, of London.........................16, 154, 318, 484, 610, 758
lantern clock, by, continued,
Steven, Henry, of London .........................695
Terrisien, Louis, of Abbeville .....................30
Thilloy, of Lillers ..................................30
Thorburne, W.....................................700–3, 704
Warner, John, of Chipping Camden 154, 318, 484, 610, 758
Washbourn, John, of Gloucester 318, 484, 610, 758
Williamson, Robert, of London 16, 154, 318, 484, 610, 758
Windmills, Joseph and Thomas, of London 30
Wolverton, Benjamin, of London 16, 154, 318, 484, 610
Lapraik, Douglas, of Macao and Hong Kong 178, 179
Larrard, Thomas, of Hull, night watchman’s clock 
Lattimore, Dr Colin ..................................453, 454
Laver, Murray ........................................290–1
Law, Rodney .........................................425, 652
Le Roy, Julien, of Paris, watch, dumb quarter-repeat
Lea Recorder Company, water flow instrument ....871
Leeson, Thomas, of Gedling, clerk and clock-keeper 831, 836
Legg, Michael, obituary, by Andrew James ....776
latch, movement pillar,
Laver, Murray ........................................290–1
Law, Rodney .........................................425, 652
Le Corbiere, Simon ..................................781
Le Count, Daniel, of London, longcase clock, marquetry ....617
Le Roy, Julien, of Paris, watch, dumb quarter-repeat 626
le Roy, Pierre, of Paris, watch, virgule escapement ....509
Lea Recorder Company, water flow instrument ....871
lecture report
Bennett, Dr. Jim, Armillary spheres and astrolabes ...869–70
Coote, Ian, Notes on English pocket watches ....117–18
Cox, Britanny, Clocks by George Pyke ............874
Davis, Keith, Clock projects ..........................455
Dennis Radage, Charles Gretton ....................868–9
Fowler, Ian, The German domestic longcase clock ....446–7
Gilchrist, Owen, Dismantling and reassembling a pocket watch, demonstration ................724
Glennie, Paul, Wiser after the event? Researching and writing “Shaping the Day” ....280
Hardie, Jim, Clock cases and their restoration 579–80
Harrison, Dr Stuart, John Harrison and his ultimate pendulum clocks ................................285
Higgon, David, A Joviala clock ........................726–7
Hornsey, David, Clock manufacturing in Soho, Handsworth, Birmingham, 1760–1934 ....287–8
Hubert, John, The Bentley Clock .................288–9
Kersten, Paul, Max Richter’s geodetic clock ...........875
King, Andrew
Harrison turret clock replica ..........................725–6
John Harrison’s second precision pendulum clock ....447
Koullapis, Justin, Vintage wristwatches .............287
Lindsay, Bob, Update on Clockmannan clockmakers ....723
Lines, Brian (Sid), Restoration of slate clock cases ...722
Loveday, Malcolm, Maggi’s De tintinnabulis ....583
McEvoy, Rory, Admirals Anson, Rodney and Nelson 874
Macintyre, Simon, Clock case restoration ..........288
lecture report, continued,
McKay, C. G. (Chris)
The Great Clock of Westminster ............112–13
McQuater, Archie
A geocentric planetarium ..........................282
Upgrading Bulle clocks ..............................722
Maragia, Tony, Nicole Nielsen .....................452
Martin, Sean, Restoration of a wall clock by Dutton ....874
Mestrom, Ruud, Limburg clocks ..................728
Morrison-Low, Dr. Alison, Scottish sundials .......869
Nye, James
Earth Batteries ......................................289
Synchronome’s wartime activity ....................876
Plaister, John
The Trials of a Diocesan Clocks Advisor ....115–16
Pohancenik, Rebecca, Ahasuerus Fromanteel and the early pendulum clock in England ....578–9
Read, David
Clocks driven by air and vapour pressure ..580–1
The Princeps system ..................................454
Read, Matthew, The Bowes Swan .................577–8
Ridout, Martin
The battery powered revolution—turning the wheels of domestic clocks ....114–15
English Clock Systems ..............................728–9
An introduction to domestic electric clocks ....873
Robey, John A.
Longcase clocks from the North of England ....284–5
Rose, Ronald E., Carriage clocks .................287
Schlaefer, Klaus, The turret clock of Schriesheim ....445–6
Stenning, Richard, and Philip Whyte, Hope and Glory: A horological battle for survival, 1910–1945 ....721
Strachan, Ashley
Watch and clock collecting in the 21st century ....723–4
Thompson, David
Henry Leonard Nelthropp ..........................867–8
William Edwards Miller: portrait artist, horological collector, museum benefactor 279–80
Treherne, A. A. (Alan), South-West Lancashire and the lever escapement ........724–5
Tübbecke, Jürgen, Clocks I have Constructed ....281–2
unattributed
Longcase regulator by Viner ........................452–3
Some clocks I have known ..........................453
Veitch, David
A brief look at the state of chronometry in 1800 ....281
Walsh, Colin, Horological tour of the USA ....283
Warner, John
Thwaites and Reed, some clocks and experiences ....285–6
White, Ian, English watch and clockmakers trading to the Ottoman market 1580–1815 ....874
Whyte, Philip, and Richard Stenning, Hope and Glory: A horological battle for survival, 1910–1945 ....721
Wright, A. J. (Jan), The Post Office Speaking Clock ....286
Lee, Melvyn ........................................353, 826
Lee, Ronald A .........................................100
Leeson, Thomas, of Gedling, clerk and clock-keeper 831, 836
Leeuwen, Pier van ..................................198
Legeps, London, signature of Joseph Spiegel ....529
Legg, Michael, obituary, by Andrew James ....776
Letters to the Editor

Nelson at Copenhagen, Alun C. Davies.................739

Only one Coster clock in the Rijksmuseum?

Dr John C Taylor........................................882–3

Organ Clocks by George Pyke, Brittany Cox............592

Philip Matthäus Hahn,

Dr Christoph Öhm-Kühnle..........................591–2

Portrait of Man with Watch Revisited,

Dr Andrew Nahum......................................131

letter from Neil Andrew..............................292–3

Proper Credit, John Cronin..........................460–1

A Record of the Death of Claude Duchesne,

Glen Blake.............................................730–1

Restoration of Sundial at Greenwich Observatory –

an Appeal, Doug Baretan..............................880

Samuel Roberts, W.T.R. Pryce..........................588

Samuel Thorp Revisited, Ken Nesbitt.................731–3

Smith’s Night-Watchman’s Clocks, Jonathan Berets...131–2

Turret Clock Keeper’s Handbook, Chris McKay........289

Victorian Pocket Watch in Murder Case,

Cliff Goodwin..........................................879

Watches Robbery, R.J.M. Simpson......................135

Watchpapers, David Penney..........................589

Whittaker Clocks, Robert Love........................133

Lewis, Meriwether, and William Clark, expedition.....540

Leybourne, William......................................587

Cursus Mathematicus.....................................225

Lhuillier, A.F.J..................632

library, AHS, see AHS: Library Notes

Liechti family clocks, restoration.......................29

van Lieshout, L.H.J....................................336

The Life and Work of Louis Essen (1908 –1997),

Father of Atomic Time, by Ray Essen..............81–92

Limburg Clocks, lecture by Ruud Mestrom............728

Lindley, of Leicester, watch-paper......................422

Lindsay, Bob

Update on Clackmannan clockmakers, lecture.........723

Lindsey, John, of Nayland, lantern clock...........16, 154, 318,

484, 610, 758

Lines, Brian (Sid), Restoration of slate clock cases, lecture......722

Linford, Edward, of London, watch-paper...............421

Linnard, William........................................375, 416, 548

Linnard, William, and Ed Cloutman, The Oeuvre of a

Master Clockmaker, Henry Williams, Lancarvan........379–404

Linnard, William, and Chris H.K. Williams, Welsh Account

Books and Horology in the Seventeenth Century........841–5

Linstad-Smith, Peter.....................................443, 444, 445

Lithard, letter from David Penney.....................291–2

Lithard & Co., of Liverpool, watch, no. 1715........155

Lithard, Davies & Co., of Liverpool..................96

watches by...............................................95

Lithard, Peter, of Liverpool

numbering of watches in various partnerships........96

patent no. 1830..........................................93

Peter Lithard, Liverpool and the Rack Lever,

by David Evans..........................................93–6

Lithard, letter from David Penney.....................291–2

piano, patent for........................................95

watch, no. 324..........................................94
London Camera Club.......................................................557
Locken Abbey, minister at, Jean Helot’s comment on. 789–90
Long duration, month (except longcase clocks)
London, John, of Bristol, lantern clock.............................484
Lloyd Jones, Kenneth........................................................443
Lloyd, John, of Llanfihangel-yng-Ngwynfa, long duration, month, longcase clock
Llanfihangel-yng-Ngwynfa................................................365
Lloyd George, David.........................................................639
label of...........................................................................371, 373, 377, 588
Lloyd Jones, Kenneth.......................................................443
Locken Abbey, minister at, Jean Helot’s comment on. 789–90
locking, secret, of watch cap, George Graham, of London
nos. 5182 to 5265...........................................................559, 733
no. 5193...........................................................................558–61, 733–4
London Camera Club.......................................................557
London, John, of Bristol, lantern clock..................................484
long duration clocks, lilter’s fondness for................................513
long duration, fifteen day
Janvier, Antide, pedestal regulator.........................................323, 632
long duration, month (except longcase clocks)
Castel, Jacques-Thomas, of Paris
orrery clock, dated 1763.....................................................773
Janvier, Antide, table regulator.............................................632–3
Lange & Söhne, wrist-watch..............................................718
Scheij, Leo, Hague clock...................................................456, 727–8
Visbagh, Pieter, of The Hague
Hague clock, replica by Leo Scheij.....................................456, 727–8
long duration, month, longcase clock
Arnold, John Roger, of London, regulator............................454
Duchesne, Claude of London, walnut case............................761
Fromanteel, Ahasuerus, of London
Duke of Norfolk’s................................................................776–7
Grethen, Charles, of London, marquetry case.......................755
Knibb, Joseph, of London, Roman striking...........................453
Lund & Blockley, of London, regulator.................................187, 188
Macham, Samuel, of London, marquetry case.........................612
Quare, Daniel, of London
¼-repeating, marquetry case..............................................756–7
bird and flower marquetry case.........................................752
Dutch striking, marquetry case..........................................308–9
Rittenhouse, David, astronomical musical............................563–5
Speakman, Edward, of London, marquetry case.....................280
Stanton, Edward, of London, ¼ striking..................................455
Tompion, Thomas, no. 223 (The Guggenheim)..................763
Tompion, Thomas, astrological clock...................................453
Tompion, Thomas, & Edward Banger, no. 395. 148. 472
Williams, Henry, of Lancarvan, for Tredegar House.............387
Woyke, Solomon.................................................................446
long duration, three month
De Charnes, Simon, of London, longcase clock.....................48–9
Du Chesne, Claude, of London, longcase clock.....................48–9

long duration, three month, continued,
Fromanteel, Ahasuerus, of London......................................587
Tompion, Thomas, no. 132, longcase clock........................512
long duration, six month, Sayler, Johann, of Ulm..................587
long duration, year
Aarts, of Tongeren, regulator..............................................728
Quare, Daniel, of London, longcase clock....................473, 513, 514
Tompion, Thomas, Drayton clock.......................................453
longcase clock (see also regulator, longcase)
A Family of Longcase Movements with an Early Anchor Escapement, circa 1670, by Alan Fersht....805–14
Finding and Restoring Longcase Clocks, by Anthony Ellis, reviewed..................................................268–9
The German Domestic Longcase Clock, lecture by Ian Fowler...............................................................446–7
Grange collection of thirty-hour longcase clocks, donated to British Museum.................................................498
Longcase Clocks from the North of England, lecture by John Robey..........................................................284–5
miniature spring-driven Giroust, Alexander, of London...............................................................513
A Poorly Finished but Interesting 30 Hour Movement, Picture Gallery, by Peter Gosnell.............................424–30
discussion........................................................................424–5
parts showing casting marks..............................................426–30
Yorkshire Longcase Clocks & Their Makers, by David Firth, reviewed..................................................269–70
longcase clock, case (see also lacquered case, longcase clock; marquetry case)
Bristol.............................................................................397
finals, commemorative......................................................674, 685–6
Glaraman...........................................................................396
Mongomeryshire...............................................................369, 372
ornaments, commemorative.............................................674
Williams, Henry, of Lancarvan...........................................382–4, 394–7
longcase clock, dial, see dial, longcase clock
longcase clock, made by
Bartley & Eggert, of Bristol, Nelson, patriotic.........................672–3
Beaumont, William junior, of London
¼ chiming, automaton......................................................613
Bougelle, Joseph, of Pennsylvania........................................129
Brown, Gaven, of Edlingham, London, and Boston (at Boston)
lacquered case, automaton, penny moon..................32–3
mahogany.....................................................................35–6
(at Edlingham), ‘penny moon’...........................................31
Chance, John, of Chestrow commemorating Rodney.............666–7
Chandler, Timothy, of New Hampshire.................................129
Clement, William, of London, 30-hour movement..............871
Davies, Robert, of Burnley, 30-hour, single hand, oak................14
De Charnes, Simon, of London
¼ chiming..........................................................457
walnut, 3-month..........................................................48–9
Delander, Daniel, of London maintaining power, calendar in arch......................................................118
Dickie, Andrew, of Edinburgh
dead-beat escapement, compensated pendulum.............451
Dowdney, Burrows, of Pennsylvania.................................129
longcase clock, made by, continued.

Du Chesne, Claude, of London
  mulberry veneer........................................293–4
  walnut, lunar indication, tidal dial?

  John Wesley’s house.................................43–4

  walnut, month duration................................761

  walnut, three-month duration.........................48–9

Eagerton, Mathew, of New Jersey.........................129

East, Edward, of London, night clock...................863

Eli Terry, Porter contract, wooden.........................124–5

Elliot, F.W. Ltd., of Croydon............................345, 348

Faulkner, Edward, of London, lacquer case................484

Felmingham, of Bungay
  death of Nelson scene.................................679, 682, 684

Fischer, of Potsdam, ¼ striking, Boule case...............720

Fletcher, of Kembymoorside
  lunar indication, Battle of Trafalgar scene..........674, 675

Fromanteel, Abraham, of Newcastle
  early anchor escapement..............................805, 807, 808, 810–13

Fromanteel, Ahasuerus, of London
  Duke of Norfolk’s.........................................776–7

Giroust, Alexander, of London
  miniature spring-driven................................513

Gould, Christopher, of London, lacquered.................14

Gretton, Charles, of London
  ¼ striking, marquetry case.............................152–3

  month duration, marquetry case.......................755

Grindall, John, of Dumfries
  mahogany, moon and tidal dials, hour repeat.........317

Halsted, Charles, of London, marquetry....................319

Harland, Thomas, of Connecticut........................129

Harris, Thomas, of London
  olivewood, marquetry panels...........................72–3

Harrison, James, of Barrow on Humber, 1727.............105, 447

Harrison, John, of Barrow on Humber.....................777

Henderson, John, of Dunfermline
  centre-seconds and date................................114

Henkels, Jan, of Amsterdam
  musical automata, spring-driven.......................451

Holmes, John, of London, mahogany, ¼ striking..........608–9

Hoppenhaupt, Johann Christian, musical..................720

Johnson, Richard [of Ripon?]............................270

Jordain, William, of London, jun.........................718, 719, 878, 879

German case................................................879

  mahogany, lunar, hour repeat.........................485, 878

Knibb, John, of Oxford, walnut............................72

Knibb, Joseph, of London
  early anchor escapement..............................805, 807–9, 811–14

  month duration, Roman striking.......................453

  walnut case c.1671.......................................810, 811

  walnut, with cresting....................................157

Knibb, Joseph, of Oxford..................................453, 809

Knibb, of Oxford (attrib.).................................805–6, 807–9, 811–13

LeCount, Daniel, of London, marquetry....................617

Macham, Samuel, of London, month marquetry.............612

Maddock, Samuel, of Winsford
  Trafalgar scene on dial................................677, 683

Martin, William, of Bristol, internal rack striking.......116

Miller, Alexander, of Edinburgh, regulator...............114

Northern, William, of Hull, Nelson dial.................605, 674–6, 683

longcase clock, made by, continued.

Parkinson, Roger, of Canongate (Edinburgh).............451

Parr (Liverpool area)
  musical, lunar, calendar, equation of time...........284

Philipson, Henry, of Ulverston
  no. 1583, rolling moon, commemorating Nelson........674

Porthouse, William, of Penrith
  30-hour, ¼ chiming from spring remontoire............550–3

  musical.....................................................550

Quare, Daniel, of London
  month duration, marquetry case.......................752

  month duration, ¼-repeating, marquetry case........756–7

  month duration, Dutch striking, marquetry...........308–9

  year duration...........................................473, 513, 514

Raymond, Charles, of Lydeway, single handed............889

Raynes, William, of York, 30-hour, ebonised.............492

Reynolds, Francis, of London, yew case...................158

Rimbault, Stephen, of London.............................764

Rittenhouse, David..........................................129

  astronomical musical...................................128, 563–5

Roberts, Samuel, of Llanfair Caereinion
  no. 48.......................................................367, 368, 376

  no. 129, single hand, calendar........................363

  account book entry......................................363

  nos. 146, 180, 221.........................................376

  no. 155......................................................365, 366

  no. 199(a)..................................................368, 369, 376

  no. 199(b)..................................................368, 369, 370, 376

  nos. 200, 201................................................370

  nos. 224, 276, 298, 306, 327, 380........................377

  no. 263......................................................370–1, 377, 588

  no. 387......................................................588

  no. 396......................................................374

  nos. 447, 488, 492, 502..................................378

  no. 500......................................................373–4, 378

  un-numbered, 8-day (‘Ludlow’).........................371–3, 377

  un-numbered, Wern Lwyd clock........................372–4

Safiley, John, of Edinburgh.................................114

Scafe, William, of London, annual calendar, moon......8

Schröder, Jacob, of Kiel..................................446

Seddon, John, of Frodsham, no. 152.........................158

Sewell, of Liverpool, lunar dial (stolen)...................601

Smith, Gabriel, of Bartholmey..............................762

Speckman, Edward, of London, month, marquetry........280

Spendlove, John, I, of Hingham............................520

Spendlove, John, II, of Thetford
  japanned case, automaton................................521

  mahogany..................................................521

Stanton, Edward, of London, ¼ striking, month...........455

Storr, Marmaduke, of London...............................225

Thomas, Samuel, of Nantwich
  oak, Saxan Gods and days of week.......................389

Tompson, Thomas
  astrolabic clock..........................................453

  astronomers’ regulator, for Octagon Room............506

  Drayton, year duration....................................453

  no. 132, three month duration..........................512

  no. 223 (The Guggenheim)...............................763

  no. 349 (mentioned, not illustrated)....................472

ANTiquarian Horology 930
lunar indication, longcase clock, by, continued,
Brown, Gwen, (1720–1801)
(at Boston), lacquered case, penny moon........32–3
(at Edinburgh), penny moon.....................31
Du Chesne, Claude, of London
walnut, John Wesley’s house......................43–4
Fletcher, of Kerybmoorside
Battle of Trafalgar scene.........................674, 675
Grindall, John, of Dunfries.........................317
Janvier, Antide, regulator, triple movement....323, 632
Jourdain, William, of London, junior............485
Lund & Blockley, of London, regulator, month..187, 188
Philipson, Henry, of Ulverston
no. 1583, commemorating Nelson...............674
Rittenhouse, David, astronomical musical........564
Roberts, Samuel, of Llanfair Caereinion, Wern Lwyd..373
Scafe, William, of London.........................8
Seddon, John, of Frodsham........................158
Sewell, of Liverpool (stolen).......................601
Williams, Henry, of Lancarvan....................382
lunar indication, with Halifax moon
Scafe, William, of London, longcase clock..8
Lund & Blockley, of London, perpetual calendar clocks
3-train bracket clock, possibly by............185–7
longcase regulator, month, lunar, up-and-down....187, 188
Lundquist, Sanfrid.................................647
portrait of...........................................648
Luyken, Jan
A clockmaker’s workshop, line and wash drawing..786
De Orlosimaaker, engraving.........................786
Lynn, Vera.............................................359
Lyons, Harold, ammonia clock.....................86

M
M with number, casting mark.................................424–30
McCabe, James, of London
mantel clock, lyre shaped mahogany...............312
McEvoy, Rory
Admiral Lord Nelson and the Commemorative
Domestic Clock........................................665–88
Admirals Anson, Rodney and Nelson, lecture......874
Macham, Samuel, of London
longcase clock, month duration marquetry.........612
Macintyre, Simon, Clock Case restoration, lecture..288
McKay, C. G. (Chris).................................270, 582, 633, 827, 877
Big Ben, The Great Clock and the Bells at the
Palace of Westminster, book launch...............584
The Great Clock of Westminster, lecture...........112–13
Turret Clock Keeper’s Handbook, letter............289
McKenna, Reginald.................................233, 639
Macnachie, Ian, calendar, perpetual...............282
Macpherson, Normand, of Edinburgh
watch, no. 235, gold pair-cased.....................507
McQuater, Archie
A Geocentric Planetarium [Ptolemaic], lecture......282
Upgrading Boulle Clocks, lecture....................722
Maddock, Samuel, of Winsford
longcase clock, Trafalgar scene on dial...........677, 683
Magellan, John Hyacinth de.........................858
Maggi, Girolamo, *De tintinnabulis*, book (1571).................583
mail coach watch, Littlewort, George, no. 228..................872
mainspring, Coster, Salomon, of The Hague....................339
mainspring maker, Vincent...........................................759
maining power, bolt and shutter
Gretton, Charles, of London, longcase clock,
month duration, marquetry case..................................755
Palmer, of London, longcase regulator.............................9
Tompion, Thomas, and Edward Banger
no. 395, longcase clock........................................148, 472
maintaining power, Harrison’s..................................820, 821, 824
Arnold, John, of London
no. 176, marine chronometer.................................261
Ham, Thomas, of London, longcase regulator......................9
maker’s mark (see also manufacturer’s mark; trademark; watch
case maker’s mark)
JP (Joseph Preston & Sons)........................................11
MR....................................................................456
Malapina, Alejandro....................................................533, 540
Malcolm-Davies, Jane....................................................416
Maltz, Jerry...................................................................124
Manchester, Microscopical and Natural History Society....557
Mand, Ray....................................................................577
Mangaar, Col. John.........................................................221
Mangaar, Jeremiah Marlow..............................................221
Mangaar, John Adam, of London
bankruptcy...................................................................222–3
family and career......................................................221–3
*More on Mangaar*, letter from Tony Proctor.............731
*Mangaar Pocket Chronometer* 912 by John Adam Mangaar,
by Tony Proctor.............................................................220–4
*Mangaar Pocket Chronometer*
letter from David Penney.............................................458–9
reply from Tony Proctor...............................................460
letter from Paul Tuck...................................................589–90
trade card....................................................................222
watch, no. 944, open faced, enamel back..........................731
Manley, Cornelius, of Norwich
lantern clock ..........................................................16, 154, 318, 484, 610, 758
Mann, of Gloucester, turret clock.................................582
Mansel/Talbot family of Pentrice and Magram...............841
mantel clock
anonymous, *Vigil of Alexander the Great*.....................334
Clarkson Clock Co., ¼ chiming.....................................246
Davall, S. and Sons, Ltd..................................................233
Elliot, F. W. Ltd, of Croydon....................................346, 347, 349
Frodsham, of Paris
perpetual calendar, barometer, thermometers.................451
Garrard Clocks Ltd, Westminster chiming.......................242
Grimshaw, Baxter and J. J. Elliot Ltd..............................237, 642
Hartmann, Francois-Joseph, of Paris
eight dials, automata, calendar....................................627
Horstmann Gear Co. Ltd, of Bath (Newbridge).................240
Kibble, William, of London...........................................237
Le Roy, regulator, Couteau dial.....................................126
McCabe, James, of London, lyre shaped mahogany....312
Montjoye, Louis, Bidermeyer, striking...........................18
Norland Clock Co. Ltd, Westminster chime....................248
Perivale Clock Manufacturing Co. Ltd...........................358
Searle & Son, of Plymouth.............................................237
mantel clock, *continued*,
Tameside, fusee timepiece..........................................239
Vulliamy, of London, no. 1921, timepiece.....................604
mantel regulator, *see* regulator, table
manufacturer’s mark (see also trademark)
British Made............................................................231
Made in England......................................................231, 233
Manzuli, Tomaso, of Florence, artist............................293
map of
Europe, printed on watch-paper..................................421
Glamorgan, 1799.........................................................380
Maragna, Tony
For your further reading............................................139, 595
Nicole Nielsen, lecture................................................452
Marcellinus, Ammiatus..................................................334
Marchant, Nathaniel, and Lewis Pingo, engravers.........686
Margate, rebuilding of pier c. 1787..............................873
Marie-Antoinette, clock, formerly property of..............126
marine timekeeper,
*see* chronometer, marine; timekeeper, marine
market, supply and demand...........................................541–2
Markowitz, William...................................................85, 90, 91, 92
Markwick, James, of London, lantern clock.................16, 154, 318
Markwick, James, junior, of London
bridge clock, green japanned case...........................217–18, 219
Markwick Markham, of London, lantern clock..........154, 318
Marlborough, John Churchill, 1st Duke of
commemorative clocks..............................................665
Marquich, London (inscription)
watch, minute repeating, silver pair case...............525, 527
marquetry case, bracket clock
Bunot, of Paris (Claude Duchsnesnot), Boulle...............49
Du Chene, Claude, of London
Boulle marquetry case, signed Boulot a Paris.............49
marquetry case, longcase clock.................................634
Gretton, Charles, of London
¼ striking, bird and flower........................................152–3
month duration.........................................................755
Halsted, Charles, of London, all-over bird and flower..319
Harris, Thomas, of London, olivewood, panels.........72–3
Le Count, Daniel, of London, bird and flower..............617
Macham, Samuel, of London, month, arabesque........612
Quare, Daniel, of London
¼ repeating, month duration..............................756–7
bird and flower, month duration..........................752
Dutch striking, month duration...............................308–9
Speakman, Edward, of London, month duration..........280
marriage clock
Savage, Richard, of Much Wenlock, 1692....................321
Marryat [antiquarian horologist]..............................516
Marsden, A.J...............................................................29
Marsh, Elizabeth............................................................221
Marsh, Gerald.........................................................496
Marsh, Humphrey, of Highworth, lantern clock..........758
Martin, Benjamin, of London..................................858
Martin, Sean
*Restoration of a wall clock by Dutten*, lecture........874
Martin, William, of Bristol
longcase clock, internal rack striking.........................116
Maskelyne, Nevil..................................................256, 534
Mason-Dixon line ............................................................. 727
Massachusetts clocks .......................................................... 126
Massey, Edmund, of London, lantern clock, miniature..... 606
Massey, Edward, of London ............................................... 95
Master, James, of Yotes Court, Kent ............................. 541, 544–5
clock ownership ............................................................... 545–6
expense book ............................................................... 544–6, 781, 841
watch ownership ............................................................. 545, 546
Mather, Harold ................................................................. 835
Matthews, Martin
Four Generations of Watchcase Making, letter .............. 879
Matthews, Ron, Southern Section Chairman ................. 873, 874
Matthews, William, of Coventry
deck watch, no. 34884, karrusel .................................. 479
Maxant, L., of Paris, ship’s clock, no. 726, timepiece ... 188
Mayer, Steve .................................................................... 540, 650
Medici, Cosimo I de’
Portrait of Man with Watch Revisited, letter from Dr Andrew Nahum .............................................. 131
An Unknown Portrait of Cosimo de’ Medici? ................. 292–3
Meek, David, of Edinburgh .............................................. 183
Meek, J. & W, of Hong Kong............................................ 183
Meinen, Warner ................................................................ 569
Meinhoff, of Potsdam, clock, three-train ....................... 720
Meissen
carillon, porcelain bells ................................................... 719
museum ........................................................................... 719
porcelain factory ............................................................. 577
Meissner, Uta .................................................................... 719
Mell, Davis, of London
lantern clock, automaton, carillon, early pendulum ... 588
Melville, James, of Clekenwell, watch case maker ...... 838
Ménay, Joseph de, table clock, ormolu .............................................. 2
Menesson, Marcel, collection ........................................... 630–3
Het Menselyk Bedryf, Jan Luyken ........................................ 786
Menster, Anne .................................................................... 46
Mercer, Frank, of St Albans............................................. 650
attempts to modernise chronometer making .................. 641
portrait of.......................................................................... 641
Mercer, Thomas, Ltd, of St Albans ............................ 640–2, 648
chronometer, marine
no. 20469, supplied in Hong Kong .............................. 183
fusee chain manufacture ................................................. 438
involvement in restoration of H1 (only) ......................... 436
Mercer, Tony
visits to Falconer, Mercer agents in Hong Kong ...... 183–4
Mercer, Vaudrey ................................................................. 93, 95, 535
Merlin, John Joseph, silver swan ..................................... 577–8
Mermillod, Guillaume, watch case maker .................... 55
Merrit’s Antiques ............................................................... 127
Mersenne, Marin
cited by Hooke in development of pendulum clock .... 193
Merton Place, Surrey ........................................................ 676
Mestrom, Ruud, Limburg Clocks, lecture ...................... 728
Metamec ......................................................................... 175
Metius, Adrian .................................................................. 192, 196
Meyer, Hermann ............................................................... 128
Michell, John, of Chardstock, lantern clock ......... 154, 318
Midlands Section, see AHS, Midlands Section
Mikhaila, Nina .................................................................. 416

Mildmay, Benjamin, Earl FitzWalter ......................... 783
Miles, R.H.A. (Bob), portrait ........................................... 861
military timepieces .......................................................... 638–9
Millar, Luke .................................................................... 397
Millennium clock, Royal Museum of Scotland ............ 282
Miller, Alexander, of Edinburgh, longcase regulator ...... 114
Miller, John, artist ............................................................ 279
Miller, Robert, of Alloa, steeple clock, Kinross ........... 723
Miller, William Edwards, William Edwards Miller:
Portrait Artist, Horological Collector, Museum
Benefactor, lecture by David Thompson ...................... 279–80
Mills, Richard, of Edinburgh (Coulton), lantern clock .... 315
Minnen, Dick van ............................................................. 875
Minute Repeating in Tompion’s Lifetime, by Sebastian Whitestone ................................................. 525–31
Mire, Theodore de, of Paris, table clock ......................... 456
Miroir, Paris, signature of Joseph Spiegel ....................... 529
Mitchell, Arthur ............................................................... 443
Library Notes .......................................................... 112, 279, 449, 575, 715, 867
mock pendulum (clock), see false pendulum
modernisation, English debate over ............................ 650
Mohgilevkine, Emmanuel Mendel .......................... 354, 356
portrait ................................................................. 357, 359
Moller, Eric and Ralph, collection ................................... 80
Möllinger, Jacob ................................................................ 446
Molyneux, of London, bracket clock ......................... 312
Montgomeryshire, wooden furniture styles ................. 368, 369
Montjoye, Louis, mantel clock, Biedermeyer, striking .... 18
moon dial, see lunar indication ........................................ 192
Moore, Dennis ................................................................. 291
Moore, General Sir John .................................................. 53
Moore, James, the Elder, cabinet maker ....................... 212
Moore, John and Sons, of Clerkenwell, director’s clock ........ 187
Moore, of London, tender for turret clock .................... 827
Moray, Sir Robert, PRS ................................................. 193, 195, 196, 723
instrument to measure the pulse .................................. 192
More on Duchesne, letter from Jonathan Betts ............ 294
More on the Portrait of Man with Watch, letter from Neil Andrew .............................................. 292–3
Moreland, Samuel ............................................................ 578
Morgan family, of Tredegar House ....................... 379, 841, 842
longcase clock for ....................................................... 387
Morris, Vernon .............................................................. 119, 287
Morrison-Low, Dr. Alison, Scottish Sundials, lecture .... 869
Mosely, John, clockmaker ............................................... 226
Motel, Henri, of Paris, marine chronometer no. 107 .... 759
motorcycle, Hesketh ......................................................... 725
mottoes
Meam non tuam noscis ...................................................... 556
Ne quid pareat ............................................................... 729
mounts, brass mouldings, on bracket clock
Allam, William, of London, ebonised ......................... 489
Ellicott, John, junior, of London
ebony, ¾ chiming .......................................................... 607
walnut, 8-day strike and alarm ....................................... 607
Gray, Benjamin, and Justin Vulliamy, no. 228 ............ 628
mounts, silver
Stanton, Edward, of London, bracket clock .............. 330
movement latches, see pillars, latched
movement maker’s marks, DH, French alarm clock .... 117
MR, maker’s mark............................................................456
Mudge, Thomas, and William Dutton..............................666
Mudge, Thomas, of London, watches
no. 318, minute repeating..............................................530
no. 407, minute repeating..............................................530
Mueller-Maerki, Fortunat E............................................122, 127
book review...............................................................270–1, 565–7, 706–8, 855–6
tour photographs, New England and
mulberry veneer                      
Du Chesne, Claude, of London, longcase clock........293–4
Mulich, of Munich, artist..........................497, 168, 777
Muller, Bernard...........................................................566
A Multiplicity of Foreigners, 
lecture by David Thompson.................................870–1
munitions manufacture, impact on clock production.....233
Munro, David, of New Jersey.................................283
Murch, Matthew, of Honiton, turret clock.................253
London, Museum of London........................................280
A Multiplicity of Foreigners, 
London, Museum of London......................................280
Museum of the History of Science..........................260
A Multiplicity of Foreigners, 
London, Metropolitan Museum of Art.........................125–6, 170–1, 283
Newport, Tredgar House..........................497, 705, 855–6
Nottingham Industrial Museum.................................834
Oberschützen, turret clocks, Uhrenstube Aschau........446
Oxford, Ashmolean Museum.....................................784–5
Oxford, Museum of the History of Science...........279–80, 877
Oxford, Museum of the History of Science...........279–80, 877
Ratingsen, Rheinisches Industriemuseum..................452
Rockford, Illinois, Time Museum..............................176
St Fagans National History Museum
(formerly Museum of Welsh Life).........................283
(Continued)
St Petersburg, State Hermitage.................................334
Schoonhoven,                
Dutch Gold, Silver and Clock Museum.......................170
(Continued)
Temple Newsam.......................................................874
Tiverton .................................................................829–30
Upnor Hall.............................................................286
Utrecht, National Speelklok..........................497, 705–6, 875
Vancouver, Maritime Museum..................................256, 539, 540
Waterbury, Connecticut, TIMEXPO.........................125, 283
(Continued)
Wells, Somerset.......................................................729
Wimborne Minster, Priest’s House..............................633
Winterthur, Delaware
Dupont estate.........................................................128, 283
(Continued)
Hagley Museum..........................................................128
Wupperal, Uhrenmuseum Abeler.................................707
Yale Art Gallery.........................................................126
(Continued)
Zaanland, Nederlandse Uurwerk.........................119–20, 581, 727–8
symposium..............................................................778
musical clock
church clocks playing tunes.......................................550
important makers of, Du Chesne, and Rimbault...........294
musical clock, by
Clarke, George, of London
bridge clock, Turkish numerals..........................512
Cox, James, of London
(attrib), gold and agate, automaton..................150, 306
automata.................................................................497
De Charmes, Simon, of London
bridge clock, japanned case.................................208–9
musical clock, by, continued,
Drury, of London, gold and agate, automaton...150, 306
Goodall, George, of Micklethwaite..........................285
Henkels, Jan, of Amsterdam..................................451
Hoppenhaupt, Johann Christian, longcase..............720
Jourdain, William, of London.................................878
Mell, Davis, of London...........................................588
Parr (Liverpool area), longcase clock....................284
Porthouse, William, of Penrith..............................550
Pyke, George, of London, research request...........592
Pyke, John, of London, organ, 'Temple of Apollo'...706
Quare, Daniel, and Stephen Horsemann
no. 187, ¼ repeat bracket clock..........................211
Rimbault, Stephen, of London, japanned, automata...451
Henkels, Jan, of Amsterdam................................451
Pyke, John, of London, organ, 'Temple of Apollo'...706
Quare, Daniel, and Stephen Horsemann
no. 187, ¼ repeat bracket clock..........................211
Rimbault, Stephen, of London, japanned, automata...451
Rittenhouse, David..................................................128
astronomical.......................................................563–5
Smit, Cees, staarklok..............................................456
Vier, Claude, of London.........................................457
Muys, Joannes (Jan), of Maastricht
lanton clock..........................................................512, 513, 728
Myatt, Paul, Sidney Better – Watch Springer & Timer., 651–64
Myddleton family, of Chirk Castle........................841
accounts of..........................................................843–5
mystery watch.....................................................283

N
Nahum, Dr Andrew
Portrait of Man with Watch Revisited, letter ..........131
name dial..............................................................837, 838
Napier collection....................................................868
Napoleon Bonaparte.................................................53
National Association of Watch and Clock Collectors
(NAWCC)
convention, 2005....................................................283
museum and library..............................................127, 283
School of Horology................................................283
National Physical Laboratory, see NPL (National Physical Laboratory)
navicula
engraving of, 1797....................................................433
Monks, Manuscripts and Sundials:
The Navicula in Medieval England,
book by Catherine Eagleton, reviewed...............432–5
NAVSTAR................................................................90
Navy, Royal, importance to British trade.................668
Nawe, Francis, of London, watch..............................320
Nelson, Dr William................................................669
Nelson, Horatio, Admiral Lord
Admiral Lord Nelson and the Commemorative
Domestic Clock, by Rory McEvoy.........................665–88
blind eye...............................................................533
Nelson at Copenhagen, letter..............................739
commemorative dials...........................605, 670, 672–9
finial, longcase, commemorative.........................685–6
memorial, Guildhall (engraving of).........................678
tour in 1803..........................................................668–70
visit to Birmingham.............................................669–70, 688
watch, 2008, commemorating Nelson.....................688
watch, by Josiah Emery..........................................687
Nelson, Horatio, Admiral Lord, continued,
watch-paper..........................................................666
Netthropp, Rev. H. L.
The Horological Collector Revd Henry Leonard
Netthropp, lecture by David Thompson.................867–8
advertsed..............................................................568
portrait...............................................................568
Nesbit, Ken, Samuel Thorp Revisited, letter.........731–3
Neufchatel clock....................................................581
New Discoveries of Clocks by Samuel Roberts of
Ely, letter.............................................................131
New Haven Clock Co., of Connecticut...............457–8
New Printers, editorial, by Dr Peter de Clercq.....775
A New Version of Dondi's Astrarium,
made by Henk Gipmans.........................................332
Newbridge Clocks.................................................240–1
advertisement......................................................240–1
Newey, of York, turret clock, restoration by...........584
Newman, Graham..................................................584
Newport Clocks Ltd..............................................249, 358, 360
Newsome & Co., of Coventry, watch manufacturer....655
watch
no. 148644............................................................657
no. 151340, centre-seconds karrusel.......................655
nos. 151348, 151351, 151352 (possibly by).............658
newspaper
Gore's Liverpool General Advertiser, 1793............291–2
Leicester Chronicle, 29 October 1825...............135
Liverpool Mercury, 27 November 1812.............139–40
Norwich Mercury, 1757..........................................520
Ney, Marechal Michel
audience clock, formerly property of..................621
Nicholls, Andrew..................................................729
Nickalls, Thomas, of Reigate, watch-paper.............423
Nicole, Adolphe
patent no. 10,348, chronograph mechanism............777
Nicole, Nielsen and Company
Nicol Nielsen, lecture by Tony Maragna...............452
Nieuhoff, Johan....................................................203
night clock..........................................................75
Campani, Pietro Tommaso, of Rome
dated 1682...........................................................771
dated 1683...........................................................512
East, Edward, of London.................................863
night silencing, Elliott, F.W. Ltd, of Croydon........348
night watchman's clock
Dutton & Co., of London, longcase clock............882
Larrard, Thomas, of Hull (retailer).......................131–2
Smith, J. L. & W., of London (manufacturer)........131–2
Vulliamy, Benjamin Lewis, of London
no. 1, longcase clock...........................................881
no. 2, longcase clock...........................................881–2
Wagner...............................................................728
Whitehurst, of Derby, longcase clock.....................116
Nile, Battle of the, see under battle of
Noble, John, of Hong Kong.................................188, 189
noctuary, see night watchman's clock
noon cannon sundial, anonymous, lat. 48° 46' 15"........769
Nordon, Marcel.....................................................264
Norland Clock Co. Ltd..........................247–8, 360
advertisement (historical).........247
mantel clock, Westminster chime........248
North American Sundial Society........267
North, Bernard
lecture report.................................286
Watch and Clockmakers of Hong Kong....178–90
North, Susan..................................416
Northern Goldsmiths Co., Newcastle upon Tyne: 652, 654–5
tourbillon watches
nos. 2047 and 2228..........................654
no. 2052.............................................654
no. 2134.............................................654, 655
nos. 2135, 2137.................................654
Northern Section, see AHS, Northern Section
Northern, William, of Hull
longcase clock, Nelson dial............605, 674–6, 683
notebook
Brown, Gawen, of Edlingham, London, and
Boston (1720–1801)..........................225
Burnap, Daniel, of East Windsor, Connecticut......225
Hadley, Humphrey, of Birmingham..........225–30
Walder, Thomas, of Arundel...............225
The Notebook of Humphrey Hadley of Birmingham,
by John A. Robey
NPL (National Physical Laboratory)...27, 81, 87, 290–1
Bushy House..................................82
Kew Certificate.................................655, 656, 657
quartz standards..............................84–5, 290–1
numbering of watches..........................459
numbering system
Arnold, John, of London.................534–5
Roberts, Samuel, of Llanfair Caereinion..361–3
numerals, Turkish
Clarke, George, of London, bracket clock, musical.....512
Nye, James....................................121, 444
Earth Batteries, lecture.........................289
lecture report.................................121, 288–9, 728–9, 876
Synchronome’s Wartime Activity, lecture.........876
O
obesity, fascination of..........................419
obituary, of
Atwood, Seth, 1917–2010, by William Andrewes...175–7
Bird, Clifford, 1931–2010, by Ian Coote............174–5
Clarke, Peter, 1933–2009, by Brynn Hodgson.....28
Davies, Edmund, 1928–2010, by John Robey.......630
Legg, Michael, 1929–2011, by Andrew James.....776
by Clare Vincent; by David Thompson............170–4
Pratt, Derek, 1938–2009, by Jonathan Betts.......28–9
Tociapski, Igor, 1929–2010, by Nigel Rafferty....177
observatory
Cambridge
St John’s College...............................859, 859–60
Trinity College.....................................859
University..........................................453–4
Copenhagen University.........................856
observatory, continued
Greenwich, Royal Observatory................91, 664
“Flamsteed” Tompion longcase..............506
Tompion replica clock........................335
Manchester, John Benjamin Dance’s...........557
An Observer of Observatories, by Kurt Møller Pederson
and Peter de Clercq, reviewed...........856–60
Oxford, Radcliffe Observatory.................856, 859
San Fernando.....................................540
Washington, United States Naval..........85, 129
An Observer of Observatories, by Kurt Møller Pederson
and Peter de Clercq, reviewed...........856–60
Ockleshaw, Alice..................................876
Ockleshaw, John.................................876
Oestmann, Dr Günther
Heinrich Johann Kesel, letter (research request).....134–5
The Oeuvre of a Master Clockmaker; Henry Williams,
Lancarsan, by William Linnard and Ed Cloutman....379–404
Öhm-Kühne, Dr Christoph
Philipp Matthäus Hahn, letter................591–2
oil-lamp timer.................................264
Old Sturbridge Village.........................122
Oldenburg, Henry...............................194, 196
portrait............................................195
O’Leary, Sergeant Michael, V.C...................636
oliebollen.........................................120, 728
Osborne, C.A....................................554
Ottoman Empire (Turkish market)...........874
Ottoman Empire (Turkish market)...........874
Oughtred, William
The Circles of Proportion.......................267
sundial, double horizontal....................869
Oursian, Nicholas
turret clock, Hampton Court Palace.........877
Overton, Philip..................................418
owner’s name, see dial, name dial
Oxford, museums see under museum
pendulum clock, early development of, continued, The Theorist and the Instrument Maker: Early Communications in the Development of the Pendulum Clock, by Rebecca Pohancenik 191–200
pendulum, compensating (temperature)
Dickie, Andrew, of Edinburgh, longcase clock 451
Graham, George, of London, ‘tin-whistle’ adjustment 859
gridiron
Arnold’s five-bar 859
Janvier, Antide
pedestal regulator 632
table regulator 633
Robin, Robert, of Paris, longcase regulator 633
skeleton clock, French 633
mercury, Fasoldt, Charles, table regulator 770
wooden rod
Grindall, John, of Dumfries, longcase clock 317
Ham, Thomas, of London, longcase regulator 9
wooden rod, pewter bob 554, 556
pendulum, compound, skeleton clock by Martin Burgess 129
pendulum, double
grasshopper escapement 335
Pool, Jan 456
pendulum, false, see false pendulum
pendulum, unusually long
2 and 3 second 129
2.5 metre, wall clock by Jürgen Tübbecke 281
Penleaze, David, bracket clock, ¼ repeat, six bells 118
Penney, David
A Clock Signed Jan van Call, letter 590
credited for drawing used in Marine Chronometer by John Cronin 435, 460–1
East and Fromanteel, letter 585–6
comment by C. Stuart Kelley 730
Litherland, letter 291–2
Mangaar Pocket Chronometer, letter 458–9
reply from Tony Proctor 460
Watchpapers, letter 589
pennies, “cartwheel”, used as spacers 824
Penning, Leonard Albert, of Hong Kong 184
Percy Dawson Medal
2009, Dr Robert Donaldson 111, 449
2010, Rebecca Pohancenik 715
Perigal, Francis, of London, empire clock 720
Perivale Clock Manufacturing Co, Ltd 248–9, 360
advertisement (historical) 358, 359
clocks, assembly of demonstrated 357
clocks, display of 356
factory 354, 355
grandmother clock 358
mantel clock 358
Perks, Alan 116, 285
lecture report 452
Perret, L-F.H., of Paris, table clock 875
Peter Litherland, Liverpool and the Rack Lever, by David Evans 93–6
Petit, Gedeon, of Geneva, watch, skeletonised plates 510
petition 1622 of the London clockmakers 870–1
Petronzio, R. and Sons, cabinet makers 245–7
Petry, William, mathematician 578

P

Pauuw, Jan, of Leiden 857
pad, watch, see watch-pad
pagoda clock 497, 706
Paine, Robert Treat, of Boston, lawyer 35
painting, see portrait of
Palmer, Dudley, FRS 587
Palmer, of Leominster, no. 1000, marine chronometer 141
Palmer, of London, longcase regulator, mahogany 264
paper, watch, see watch-paper
parapêgmata 264
Parr, Admiral Sir Hyde (1784–1854) 539
Pardoen, Mr 875–6
Parkinson, Roger, of Canongate (Edinburgh) 15249
Pasquier, Hélène 565
Parmentier, of London, longcase regulator, mahogany
1658–1700

Parr (Liverpool area), longcase clock, musical, lunar
Partridge, James of Tiverton
letter from Jonas Pollard of Crediton 829
Pasquier, Hélène 565
Patch, Frederick Owen, of Tiverton
letter from Thomas Foster 830
patent
15249, safety bow, Dennison’s use of 721
Bentley, P.A. 289
Coster, Solomon, of The Hague 339, 579
Huygens’ predilection for 194
implications of in early modern Europe 194
Litherland, Peter, of Liverpool, no. 1830, rack lever 93
Longines chronograph 778
Nicole, Adolphe 777
Payne, William, of London
wall timepiece and thermometer 158
Pearson, Michael 548
Pedersen, Kurt Møller and de Clercq, Peter, An Observer of Observatorys, reviewed 856–60
Pell, John, mathematician 578
early pendulum clock seen at 197–9, 200
Pelllow, Edward, 1st Viscount Exmouth 815, 818
Pelllow, Captain P.B., 2nd Viscount Exmouth 818, 821
pendule religieuse, Early French Pendulum Clocks, 1658–1700, by Reinier Plomp, reviewed 265–6
pendulum
with bob of unusual shape 817, 823
Elliott design of 345
manual counting of 191
turret clock, Vulliamy, weight noted on bob 254
turret clock, with bob of unusual shape 254
pendulum clock, early development of
Ahasuerus Fromanteel and the Early Pendulum Clock in England, lecture by Rebecca Pohancenik 578–9
differing propensity of parties to publish 193–4
Fromanteel, Ahasuerus 586–8
invention of, symposium, Museum van het Nederlandse Uurwerk 777
Pfab, Andreas, of Dresden
coach watch, striking, minute repeating..............527
Pfaff, Jeremiah, of Augsburg, horizontal table clock........871
Philipson, Henry, of Ulverston, longcase clock,
no. 1583, lunar indication, commemorating Nelson.....674
phonemic motor, Dye, Dr David William.....................84–5
Arnold Expedition Chronometer no. 176.............149, 255–62
The Dawson Workshops in London, Specialists in
Repair and Restoration of Clock Cases.................97–102
George Graham's Watch number 5193,
by Rebecca Webster........................................558–61
John Harrison's 2nd Marine Timekeeper H2,
text by Jonathan Betts.....................................846–54
A Poorly Finished but Interesting 30 Hour
Movement, by Peter Gosnell..................................424–30
Pidduck, watch key, advertising..............................284
Pierce, John Alvin (Jack)....................................89, 90–1
Piggott, Keith, John Fromanteel's Brass and Steel, letter. 586–8
Pile, Francis, of Honiton, turret clock.......................251–2
pillars, in form of male figure, lantern clock.....436–7, 414–16
pillars, latched
Fromanteel and Knibb latches compared........809–10, 812
Knibb, Joseph, of London....................................78
lantern clock....................................................703
Tompson, Thomas, un-numbered bracket clock....78
Whittaker, James, of Middleton (Manchester)........133
pillars, square, used by Ahasuerus Fromanteel........341
Pillnitz Castle........................................................576, 718
pinion, five-leaf....................................................702
pinion of report...................................................692, 696, 697, 702
unusual unsigned lantern clock........................408, 409
pinion, roller, Tübbecke, Jürgen, longcase timepiece...281
Plaister, Edward, of London, bracket clock, ¼ chiming...20
Plaister, John
The Trials of a Diocesan Clocks Advisor, lecture...........115–16
Planck, Max............................................................445
planetarium
Eisinga, Eise........................................................333–4
Zuylenbergh..........................................................333–4
planetarium, Ptolemaic, McQuater, Archie...............282
planispherium clock, Knip, Gerrit, of Amsterdam.......120
Platt, Nigel
death of Clifford Bird reported..........................28
lecture report..................................................117–18, 452–3, 580–1, 725
Plimpton, J.C., & Co., of Liverpool..........................457–8
Plomp, Reinier......................................................336, 337, 342
Early French Pendulum Clocks, 1658–1700,
reviewed..............................................................265–6
Plummer, George, of London, watch, in Gothic clock....118
pneumatic clock.................................................580
pocket, introduction of........................................562
pocket chronometer, see also chronometer, pocket
Pocket Chronometer 912 by John Adam Mangaar,
by Tony Proctor.................................................220–4
Pohancenik, Rebecca..........................................341, 460
Ahasuerus Fromanteel and the Early Pendulum
Clock in England, lecture.................................578–9
advertised............................................................274
Correction..........................................................460
funded by CELL John C. Taylor Studentship..............460
The Intellegencer and the Instrument Maker:
Early Communications in the Development of the
Pendulum Clock [A.H. XXXI 747–756]
comment by Keith Piggott....................................587
correction..........................................................130
Percy Dawson Medal, 2010....................................715
portrait...............................................................274
The Theorist and the Instrument Maker:
Early Communications in the
Development of the Pendulum Clock............191–200
correction by David Penney.........................585–6
Poirier, Noel...............................................................128
Pollard family, of Devon, turret clocks, all known.....820–5
Pollard, John, of Crediton.........................................818
Pollard, John, of Stoke Damerel, Plymouth........818, 822
Pollard, Jonas, of Crediton
biography.......................................................381
letter regarding clock at Tiverton........................818, 829
Pollard, [Jonas?], of Crediton, turret clocks
Ashreigney..................................................251, 819, 820
Bickleigh.............................................................821
Sheepwash..........................................................822
Pollard, T. & J. [Thomas and Jonas], of Exeter.......818
turret clocks.....................................................815–27
Broadclyst............................................................820, 821
Canonteign..................................................815–17, 822, 826, 827
dial.................................................................817
escapement......................................................817
motion work.....................................................816
movement......................................................816
pendulum.........................................................817
setting dial......................................................817
Christow.............................................................821
Dunsford, Great Fulford House...............................822, 823
Dunsford, St Mary's.............................................821–2
Shillingford St George..........................................822, 824
Talaton, St James's (ex Haldon House).................822, 825
Pollard, T.C. (Thomas Comins), of London........827
turret clock, Comeintceghnhead church.............821, 828
Pollard, Thomas, of Exeter
biography.......................................................818
turret clock for Alphington................................818–19
Polycrates.............................................................297
Pons, Daniel, and Marisa Addomine, Orologi da Torre –
MAT Museo Arte Tempo di Clusone, reviewed........270–1
Pons, of Paris, orrery clock..................................119
Ponsford, Clive N.
(see also Boyle, Liam & Clive N. Ponsford)
Journald Clocks from Far and Wide, letter............878–9
Turret Clock 'Discoveries'....................................250–4
Pool, Jan
double pendulum gravity impulsed electric clock.....456
planetarium clock............................................120
Porris (Purvis), James, of Salisbury.......................704
Portaña, Vicente López, portrait of Duke of Infantado......52
Porter contract, Eli Terry, longcase movements........124–5
Portesca, Secticon............................................................115
Porthouse, William, of Penrith
  longcase clock
    30-hour, ¼ chiming from remontoire.....550–3
  musical.................................................................550
William Porthouse’s Remontoire, by Simon Johnson.550–3
portrait of
  Atwood, Seth and Pat................................................176
  Betts, Jonathan.......................................................850
  Bird, Clifford..........................................................175
  Brown, Gawen, of Edlington, London,
  and Boston (1720–1801), (possible)......33, 34, 41–2
  Brown, Mather Byles, artist, self-portrait.................40
  Buck, Paul..............................................................473, 514
  Buerger, Elias.........................................................357
  Burrows, R.O...........................................................359
  Chamberlaine, Paul M...............................................515
  Chandler, Bruce.....................................................173
  Cooke, Oliver..........................................................863
  Crom, Theodore R....................................................23
  Donaldson, Robert...................................................449
  Elliott, Frank W......................................................352
  Elliott, Horace W.....................................................352
  Elliott, Richard W....................................................352
  Essen, Louis............................................................81
  Hevelius, Johann....................................................198
  ten Hoeve, Johan....................................................335
  Humphries, A..........................................................359
  Infantado, 13th Duke of...........................................52
  Kelly, Jonathan......................................................30
  Kessels, Heinrich Johann.........................................134
  King, Andrew..........................................................862
  King, R.A...............................................................359
  Kogon, E.F..............................................................359
  Kruischeel, O...........................................................359
  Leopold, John H....................................................170, 173
  Lundquist, Sanfrid....................................................648
  Medici, Cosimo I de’.................................................292–3
  Mercer, Frank..........................................................641
  Miles, R.H.A. (Bob)....................................................861
  Moghilevkine, Emmanuel Mendel..........................357, 359
  Nelthropp, Rev. H. L..................................................568
  Oldenburg, Henry....................................................195
  Plassmeyer, Dr Peter................................................576
  Pohancenik, Rebecca...............................................274
  Pratt, Derek............................................................29
  Radage, Dennis.......................................................503
  Roberts, Derek.......................................................103
  Roberts, Valerie.......................................................103
  Rossiter, D.A...........................................................359
  Salm, Pedro Alcántara de Toledo y Salm..................52
  Shenton, F.G.A.........................................................335, 448
  Smeaton, John, FRS..................................................39
  Thompson, David....................................................448, 568
  Vincent, Clare..........................................................173
  Wallis, John, mathematician.................................199
  Wilding, John..........................................................625
  Wolfendale, Sir Arnold............................................449

Portrait of Man with Watch Revisited
  letter from Dr Andrew Nahum.................................131
  letter from Neil Andrew...........................................292–3
Editor’s note..................................................................293
Post Office (GPO), involvement in timekeeping..............83, 85, 89
Potsdam, Sanssouci, Palace and New Palace................720
Potts, W., & Sons, of Leeds, turret clock....................582
Powell, Edward..........................................................283, 458
Pratt, Derek
  obituary, Derek Pratt Remembered, Jonathan Betts.....28–9
  portrait of..............................................................29
  precision timekeeper, see chronometer; regulator;
  timekeeper, marine
Prescot
  horology in.....................................................................725
  movement manufacture, account by Frank Mercer.....641
  Prescott, Joseph, of Prescot........................................725
  Presgrave, David, lecture report..................................455
  Prestige, Sir John......................................................656
  Preston, Joseph & Sons, of Prescot
    frame to H. White no. 1784....................................11
    frame to S. Better no. 2485....................................658–9
    movement maker’s mark JP....................................659
  Preston, M.R............................................................293
  Price, Derek de Solla................................................263
  Price, Thomas, of Lower Chirk...................................845
  prices for watches....................................................782
  Breguet, Abraham Louis............................................54
  Letherland, Whiteside & Banning, of Liverpool........291–2
  Pride, Shadracke, painter and dialler........................845
  Priestley, Philip.......................................................444
Aaron Lufkin Dennison:
  An Industrial Pioneer and his Legacy
    acknowledged........................................................721
    reviewed.............................................................563
  Prince, Charles.................................................454 (see also Princes)
  Princeps.................................................................454
  Prince’s Electrical Clocks............................................454
  printing Antiquarian Horology....................................775
Prior, George, of London
  bracket clock
    lacquered case......................................................457
    ormolu mounted...................................................164
  lantern clock..........................................................164, 154, 318, 484, 610
  prisoners of war, German, watch repairers..............646–7
  prize (see also AHS; Barratt Silver Medal; Harrison Medal;
  Percy Dawson Medal; Shenton, F.G.A.; Student Bursary;
  Tompion Gold Medal)
    AHS Prize for Maker of Tompion Replica..................335
    Best Watchmaker Prize for Anthony Randall.............29
Proctor, Dr Tony
  More on Mangaar, letter.........................................731
  Pocket Chronometry 912 by John Adam Mangaar........220–4
  letter from David Penney.......................................458–9
  reply from Tony Proctor..........................................460
  letter from Paul Tuck.............................................589–90
programme, AHS see under AHS
Prowent, I., of Poland?, chamber clock......................871
Pryce, Richard, of Betws Cedewain..........................370
Pryce, W.T.R.  
*New Discoveries of Clocks by Samuel Roberts of Llanfair Caereinion* .................. 361–78  
*Samuel Roberts, letter* ........................................ 588  
Pugin, Augustus .................................................. 431  
pulsilogium ........................................................... 192  
Sanctorius, *Commentaria* ...................................... 192  
Pyke, George, of London  
*Clocks by George Pyke*, lecture by Brittany Cox ........ 874  
*Organ Clocks by George Pyke*, letter from Brittany Cox 592  
Pyke, John, of London, organ clock ....................... 706

Q

Qianlong, Emperor ............................................... 497  
quadrant ................................................................. 268  
Quare, Daniel, and Stephen Horseman, of London  
bracket clock, no. 238 (248), green japanned case 210–11  
watch, no. 843, ¼ repeat, gold pair-case ............. 509–10  
Quare, Daniel, of London .................................... 529  
barometer, walnut portable pillar ....................... 168  
longcase clock  
month duration, ¼-repeating, marquetry case 756–7  
month duration, Dutch striking, marquetry .......... 308–9  
month duration, marquetry .................................. 752  
year duration ......................................................... 473, 513, 514  
watch, no. 383, dumb repeater ............................. 510  
quarter chiming, see chiming, quarter  
quarter striking, see striking, quarter  
quartz clock, development of .......................... 84–5, 290–1  
quartz ring oscillator ........................................... 84–5, 290–1

R

Rabi, I.I., physicist .................................................. 91  
Radage, Dennis .................................................... 532, 535, 540  
*Arnold Expedition Chronometer no. 176,  
Picture Gallery* ............................................. 149, 255–62  
*Charles Gretton, lecture report* ......................... 868–9  
The Charles Gretton Project, July 2010, letter .... 461–2  
*Gretton On-Line, letter* ....................................... 739  
The Gretton Project, lecture, advertised ............. 569  
portrait ................................................................. 569  
Radage, Laila ......................................................... 461, 462, 868  
radio, superseded marine chronometer ................. 647  
Raetsen, Matthias, of Heyrhausen ......................... 456  
Rafferty, Nigel, obituary of Igor Tociapski .......... 177  
Raingo, of Paris, orrery clock .............................. 119  
Ramsden, Jesse .................................................... 859  
Randall, Anthony G.  
awarded ‘Prix du Meilleur Horologer Concepteur’ ... 29  
carriage clock, no. 8, double axis tourbillon ......... 122  
watch and clock made for Seth Atwood .......... 176  
range recorder A/S 285 ......................................... 876  
Raymond, Charles, of Lydeway, longcase clock, one hand 889  
Raynes, William, of York, longcase clock, 30-hr, ebonised 492  
Read, David ......................................................... 728  
*Clocks driven by air and vapour pressure, lecture* 580–1  
The Princeps System, lecture .............................. 454  

Read, Matthew ............................................. 335, 339, 874  
The Bowes Swan, an eighteenth-century automaton,  
lecture .............................................................. 577–8  
advertised ......................................................... 273  
Reeve, Claude, regulator designed by ................. 116  
Reeve, William, of Spalding  
lantern clock ...................................................... 16, 154, 318, 484, 610, 758  
Regiomontanus .................................................. 433, 434  
regulation, rise and fall  
(see also dial, rise and fall regulation, bracket clock)  
Falconer, George, & Co., of Hong Kong  
bracket clock .................................................... 185–6  
Vulliamy, Benjamin Lewis, of London, timepiece .... 310  
regulator, Aarts, of Tongeren, year duration ......... 728  
regulator, astronomical  
Dancer, John Benjamin, of Manchester, made by  
Evans, William Frederick, of Handsworth ......... 554–7  
regulator, longcase  
Arnold, John Roger, of London, month duration ... 454  
Bond, Richard, no. 394 ....................................... 123  
Earnshaw, Thomas, of London ......................... 534  
Ham, Thomas, of London, mahogany ................. 9  
Hardy, William, of London ................................ 453–4  
Harrison, John, of London, RAS ................. 283, 285  
Howard, E., detached single arm gravity escapement 123  
Lund & Blockley, of London,  
perpetual calendar, moon phase, up-and-down 187, 188  
Miller, Alexander, of Edinburgh ....................... 114  
Palmer, of London, mahogany ......................... 9  
Reeve, Claude, designer ................................. 116  
Robin, Robert, of Paris ..................................... 633  
Thwaites and Reed, no. 5181 ......................... 452–3  
Thwaites, John, of London ......................... 620  
Tompion, Thomas, for Octagon Room ............... 506  
Viner, of London ................................................. 452–3  
regulator, pedal  
Bond, William & Son, of Boston, no. 396 ......... 623  
Janvier, Antide,  
15-day, grande sonnerie, triple movement ....... 323, 632  
regulator, table  
A Table Regulator Signed Dancer, Manchester,  
by Alfred Thomas ........................................... 554–7  
regulator, table, by  
Dancer, John Benjamin, of Manchester,  
pivoted-detent, wood/pewter pendulum ............ 554–7  
Dent, of London, no. 521 .................................... 765  
Evans, William Frederick, of Handsworth,  
pivoted-detent, wood/pewter pendulum .......... 554–7  
Fasoldt, Charles, of New York ....................... 770  
Janvier, Antide, of Paris ................................. 632–3  
Maclean, G., of Glasgow,  
pivoted-detent, wood/pewter pendulum .......... 556  
Robin, Robert, of Paris, Coteau dial, equation of time 126  
regulator, wall, Riefler ....................................... 129  
religieuse, Boucheret, of Paris ......................... 875  
remontoire  
Dent, of London, table regulator, no. 521 .............. 765  
French, unsigned ............................................. 632–3  
Porthouse, William, of Penrith, for ¼ chiming .... 550–3  
Robin, Robert, of Paris, longcase regulator ......... 633
Renaissance clock, weight-driven iron......................690
Renévier, of Paris, watch, no. 457, tourbillon..............25
Renpaug, London, signature of Paul Gottfried Graupner.529
repair, bills for, costs, mid 17th century..................549
repair, poor quality..................................................282, 800
repeat, hour
early mechanisms for watches, described in
Hadley’s notebook..................................................226–30
Grindall, John, of Dumfries, longcase clock...............317
Jourdain, William, of London, junior, longcase clock.485
Porthouse, William, of Penrith, longcase clock...........551
repeat, invention of..................................................529
repeat, minute
earliest examples of..................................................525, 531, 735
Early Minute Repeaters, letter from Lawrence Hurst....735
mechanism, Fürstenfelder, presumed.........................528
mechanism, Marquèch..................................................527–8
Minute Repeating in Tompion’s Lifetime,
by Sebastian Whitestone...........................................525–31
repeat, minute, by
Fürstenfelder, Benedikt, of Aichach and Friedberg
table clock, hexagonal (at Friedberg).......................527, 529
watch, gold and carnelian case.................................526–7, 528
watch, silver pair case, (at Aichach, attrib.), 525, 527–8
Heckel, Johann, of Friedberg, watch movement..........527
Hubert, David, of London, watch...............................735
Marquèch, London (inscription), watch.....................525, 527
Mudge, Thomas, watches, nos. 318 and 407...............530
Pfàb, Andreas, of Dresden, coach watch, striking........527
repeat, pull trip, Delander, Daniel, bracket clock..........3
repeat, push-pull
Jones, Henry, of London, bracket clock, ebony...........4–5
repeat, quarter, répétition à doigts................................266
repeat, quarter, bracket clock, by
Bille, John, of London, ebony, basket top..................483
Boyce, James, of London, japanned case.....................210, 211
Bunot, of Paris (Claude Duchesne?), Boule case...........49
Bushman, John, of London, basket top......................160, 488
De Charmes, Simon, of London, japanned case...........209
Du Chesne, Claude, of London
Boule marquetry case, signed Bunot à Paris...............49
Ellicott, John, junior, of London.................................607
Gray, Benjamin, and Justin Vallimy
no. 228, ebony, gilt mounted....................................628
Johnson, Benjamin, of London.................................313
Jones, Henry, of London
ebony.................................................................4–5
ebony, basket top case.............................................474
Jourdain, William, of London.................................878
Knibb, John, of Oxford, alarm timepiece...................768
Penleaze, David.....................................................118
Quare, Daniel, and Stephen Horsemann
no. 187, musical.....................................................211
Taylor, Jasper, of London...........................................117
Tompion, Thomas, of London, no. 22, timepiece........73–4
Walker, Peter, of London, japanned..........................214
Wheatley, William, chiming.....................................20
Windmills, Joseph, of London, white japanned...........212–14
Windmills, Thomas, of London
¼ repeat, green japanned case.................................216, 217
repeat, quarter, by
Breguet, Abraham Louis, watch no. 1135...............56, 57
Breguet et fils, no. 179, carriage clock....................167
Le Roy, Julien, of Paris, watch, ¼ dumb repeat...........626
Quare, Daniel, and Stephen Horsemann
no. 843, gold pair-cased watch.................................509–10
Quare, Daniel, of London
longcase clock, marquetry case...............................756–7
Rittenhouse, David, astronomical musical longcase....564
repeat, ten minute....................................................530
repeat, unspecified
de Viet, Claude, of London........................................118
Quare, Daniel, of London, watch.............................510
Schepers, Cesare, of Florence, carriage clock, alarm....325
Sidey, Benjamin, of London, bracket clock...............475
Wright, William, of London, bracket clock...............19
replica
Almanus Manuscript, three clocks, by Ian Hammond...30
Antikythera mechanism.............................................117
clocks, commissioned by Seth Atwood.....................176
Coster, Salomon, of The Hague, wall clock,
by John C. Taylor Masterworks.................................17
Daniels, George, watch no. 1.....................................871
de Dondi, astrarium
Gipmans, Henk......................................................332
Thwaites and Reed..................................................176
Harrison, John
H1, by Len Salzer.....................................................176
H4, by Derek Pratt..................................................29
regulator (RAS)
BHI project..........................................................283
by Stuart Harrison...................................................285
turret clock, by Andrew King.................................723–6
Visbagh, Pieter, Hague clock, by Leo Scheij.............456, 727–8
Wallingford, Richard of...........................................176
repoussé case, on watch by
Cabrier, Cl., of London, no. 3331............................508, 509
de Viet, Claude, of London, watch............................118
research, genealogical...............................................724
research request
Adamson, of London (Humphrey and John)..............134
expense, account, and household books.....................548
Gloverstone, Chester clockmakers............................592
Hahn, Philipp Matthäus, family and workshop...........591–2
Kessels, Heinrich Johann, of Altena........................134–5
Pyke, George, of London, organ clocks....................592
restoration...........................................................269, 455, 497
Beijing, Palace Museum, automaton clocks..............705
Clock case restoration, lecture by Simon Macintyre....288
Clock cases and their restoration,
lecture by Jim Hardie.............................................579–80
Dismantling and reassembling a pocket watch,
demonstration by Owen Gilchrist............................724
Liechti family clocks...............................................29
Restoration of date clock cases,
lecture by Brian (Sid) Lines.....................................722
Restoration of Sundial at Greenwich Observatory –
an Appeal, letter from Doug Bateman......................880
türmchenuhru, Augsburg, c. 1630, ¼ striking...........120–1
Reynolds, Chris......................................................838
Roberts, Richard, of London, longcase clock, yew case........................158
Riccoli, Giovanni Battista, cited by Hooke.................................243
Richard & Co. Ltd.........................................................778
Richon, Emile, chronograph drawing...........................................875–6
Richter, Max, of Berlin, geodetic clock........................................554, 567
Ridout, Martin................................................................................119, 121, 289, 444

The Battery Powered Revolution –
Turning the Wheels of Domestic Clocks, lecture........................14–15
English Clock Systems, lecture..................................................728–9
An Introduction to Domestic Electric Clocks, lecture.......................873
Riefier, observatory regulator.........................................................129
Riefier, Clements, of Nesselwang..................................................445
Riefier, Sigmund............................................................................445
Riehle, Dr Fritz.............................................................................445
Rieuxse, Nicolas...........................................................................777
Rimbault, Etienne, of London........................................................50
Rimbault, Stephen, of London........................................................51
   bracket clock, musical, japanned case, automata..........................465
longcase clock...............................................................................764
maker of musical clocks...............................................................294
Ripping Image..............................................................................775
rise and fall, see dial, rise and fall regulation; regulation, rise and fall
Ritchie, J., of Edinburgh, turret clock gas light controller..............113
Rittenhouse, David
   Grand Orrery...........................................................................128
   longcase clock........................................................................129
The Most Important Clock in America: The David
Rittenhouse Astronomical Musical Clock at Drexel
University, by Ronald R. Hoppes, reviewed.................................563–5
   musical orrery clock, Drexel University....................................128, 563–5
Riverside Manufacturing Co., Hammersmith
Bakelite electrically-rewound mantel clock..................................114–15
roasting jack..................................................................................818
by Salter.......................................................................................113
Roberts, Derek.............................................................................554, 567
A Life with Antique Clocks, reviewed.............................................103
   portrait.....................................................................................103
Roberts, Richard, of London
   lantern clock...............................................................................16, 154, 318, 484, 610, 758
Roberts, Samuel, of Llanfair Caereinion
   account book..............................................................................361, 363, 364, 367, 374, 376–7
   longcase clock
   no. 48..................................................367, 368, 376
   no. 129, single hand, calendar.................................................363
   account book entry.................................................................363
   nos. 146, 180, 221.......................................................................376
   no. 155.......................................................................................365, 366
   no. 199(a)...................................................................................368, 369, 376
   no. 199(b)...................................................................................368, 369, 370, 376
   nos. 200, 201............................................................................370
   nos. 224, 276, 298, 306, 327, 380.............................................377
   no. 263......................................................................................370–1, 377, 588
   no. 387.......................................................................................588
   no. 396.......................................................................................374
   nos. 447, 488, 492, 502............................................................378
   no. 500......................................................................................373–4, 378
   un-numbered, 8-day (‘Ludlow’)...371–3, 377
   un-numbered, Wern Lwyd clock..............................................372–4
Roberts, Samuel, of Llanfair Caereinion, continued,
New Discoveries of Clocks by Samuel Roberts of
Llanfair Caereinion, by W.T.R. Pryce.................................361–78
   orthography, Welsh..................................................................364–5
   repair of Meifod church clock.................................................374
   Samuel Roberts, letter by W.T.R. Pryce.................................588
   signature....................................................................................364
   sundial......................................................................................375
   table of clocks recorded.........................................................362, 370–8
   turret clock, probable maker of..............................................363
   will.........................................................................................374–5
Roberts, [Samuel] and Son, of Llanfair Caereinion..................363
Roberts, Samuel, jun., of Llanfair Caereinion.........................363
Roberts, Thomas, of Llanfair Caereinion.................................363
Roberts, Valerie, portrait.............................................................103
Roberson, J. Drummond
discovery of Coster clock.........................................................585, 882–3
Robey, John A., book review.........................................................425
   English Lantern Clocks with Iron Frames..........................689–704
   lecture and meeting reports.....................................................116–17, 871
   Longcase Clocks from the North of England, lecture.............284–5
   The Notebook of Humphrey Hadley of Birmingham,
   obituary of Edmund Davies.....................................................630
An Unusual English Lantern Clock...........................................405–16
Robin, Robert, of Paris
   longcase regulator....................................................................633
   mantel regulator, Coteau dial, equation of time......................126
Robinson, Tom.............................................................................881
   rock crystal plates, watch, Waltham Watch Company.............124
Rodney, Admiral George Brydges, 1st Baron..........................874
   commemorative clock............................................................666–7
   commemorative mug.............................................................668
Roe, Richard, of Epperstone,
turret clock maker.................................................................831–4, 835–6
Roger, of Brecht, instrument dated 1537....................................434
Rolex, wrist-watch
   Milgaus.................................................................................287
   Oyster Perpetual Submariner 5508.........................................328
Romer, Ole......................................................................................727
Rompay, Paul van, Clock & Watch Making in Flanders,
1300–1830, by Eddy Fraiture and Paul van Rompuy,
Dingwall-Beloe lecture, 2010, advertised.................................320
Rüntgen, David, cabinet maker..................................................446
Rooney, David, book review.........................................................431–2
   Rose, Ronald E., Carriage Clocks, lecture.................................287
   Rose, William, of Aylesbury, lantern clock..........................610, 758
   Ross, Daniel, of Exeter, tender for turret clock......................827
   Rossiter, D.A., portrait............................................................359
Rotherham & Sons, of Coventry.................................................636, 648, 654
   fuse manufacture.....................................................................645
Rotherham, Hugh...........................................................................645
Rotherham, John, of Coventry, escapement...............................347
Rothwell, Emma..........................................................................280
Rowland, Mrs.............................................................................335
Royal Astronomical Society.........................................................557
   Harrison regulator.................................................................283, 285
   Royal Small Arms Factory.....................................................826
   Rugby Radio Station..............................................................83, 89

ANTiquarian Horology
942
Ruiter, Pieter de, planetarium....................................................333
Russell, Dr Alan........................................................................717, 720
Russell, John, of Costessey, 30-hour clock, verge....117
Russell, Thomas, & Son, of Liverpool.................................640
Russell, William.........................................................................859
Ryder, Jerry...........................................................................127
Ryland, Jonathan, of London, watch, silver balance cock. .118

S
Sabrier, Jean-Claude ......................................................708 (see also Chayette, Hervé ...)
Safey, John, of Edinburgh, longcase clock......................114
Sainsbury, of Walthamstow, turret clock (attrib.)......253
St Roche’s Horological Lecture
2010, The expression of time, Smith of Derby Ltd.….334–5
advertised.............................................................................145
2011, The manifestation of time, by Dr John C. Taylor
advertised.............................................................................619
The Saints, Battle of, commemorative clock.............666–7
Salisbury, English Clock Factory....................................236
Salo, Pekka Alcántara de Toledo y Salo, XIII duque del Infantado..52–4
portrait of..............................................................................52
Salter, roasting jack...............................................................113
Saluz, Eduard........................................................................707
Samuel, Edward, of Penmark............................................379
Samuel, H., watch key, advertising.....................................284
Sanctorius, Santorio (Sanctorius Sanctorius), Commentaria...192
Saporta, M., de Castres.........................................................196
Savage, Richard, of Much Wenlock, 1692, lantern clock...321
Save, Brian de, see de Save, S.B. (Brian).........................781
Sawyer, Jacob (Jacob Soijer).............................................781
Sawyer, Jacob (Jacob Soijer).............................................781
Sayer & Bennett
catalogue of watch-paper designs, 1775..............418–20
Sayer, Johann, of Ulm, six-month duration clocks........588
Scafe, William, of London, longcase clock, annual calendar, moon, centre-seconds, rise and fall......8
scales......................................................................................117
Scales, M., Jean Hélot’s comment on............................798
Schatz, Carl............................................................................244–5, 247
Scheibner, Dr Sara...............................................................123
Scheije, Leo, Haagse klok, copy of Pieter Visbach month duration 1682....456, 727–8
Scheipers, Cesare, of Florence
carrriage clock, strike, repeat, alarm..................................325
Schill, ‘Reform’ movement, battery-wound................114–15
Schieler, Christopher, of Augsburg................................268
astronomical compendium..............................................279
Schlaefer, Klaus....................................................................416
The Turret Clock of Schreibheim, lecture...............445–6
Schmid, Hans-Heinrich..........................................................567
Schneid, Martin, of Dresden, japanner......................212
School of Watchmaking, Swiss..........................................565–6
School Watch.........................................................................565
Schröder, Jacob, of Kiel, longcase clock.........................446
Schüt, Robert J., For your further reading....................593, 743
Scientific Instrument Society..............................................267
Scobie-Youngs, Keith.......................................................876, 877
Reconstructing an 1820 turret clock...........................876
Scott, Herbert, electric clock...............................................722
Scott, Rev. John Gilbert Mortimer..........................250, 253, 820
Scottish Section, see AHS, Scottish Section
Scottish Sundials, lecture by Dr. Alison Morrison-Low....869
scraping, of clocks..............................................................542–4
screw-threads......................................................................739
sea clock, see timekeeper, marine seal..........................482
Searle & Son, of Plymouth, mantel clock....................237
second, definition of......................................................91, 92, 445
SECTRIC............................................................................244
Sectronic clock.................................................................115
Seddon, John, of Frodsham, longcase clock, no. 152......158
Seguier, Pierre, chancellor of France..........................195
Seitz, Gay and Bob............................................................122
Seller, John, of London, sundial, double horizontal......268
Shewood, William, of London, lantern clock..............406
Shewell, of Liverpool, longcase clock, lunar dial (stolen). ....601
shark, watch found inside...................................................297
Sharp, David, The Hesketh Motorcycle, lecture...........725
shaver, clockwork...............................................................113
Shelton, John, of London, regulator, longcase.............859
Shenton, F.G.A., Dr Alan Shenton Award
2009, not awarded.....................................................111
2010, John Glanville and Bill Wolmuth....................715
Shenton, Ken.................................................................288
Chairman’s Report, 2010.....................................................443–4
Fellowship of AHS..............................................................445
portrait of............................................................................335, 448
retirement as Southern Section Chairman..................873
stands down as Chairman of AHS.................................448
Shenton, Sue......................................................................447
ship
Daedalus.................................................................256, 532, 534, 536, 538
Descubierta.................................................................540
HMRT Turmoil.................................................................663
HMS Adventure...............................................................533
HMS Alisma....................................................................663
HMS Beagle.....................................................................537
HMS Camelia.................................................................658
HMS Chatham.................................................................532, 533, 536, 538
HMS Cleveland...............................................................663
HMS Discovery.................................................................256, 532, 534, 536, 538
HMS Discovery...............................................................533
HMS Duke of York............................................................663
HMS Investigator..............................................................256, 539
HMS King George V..........................................................663
HMS ML 121.........................................................................658
HMS Opportunity...............................................................663
HMS Prince George.............................................................665–6
HMS Puckridge.................................................................658
HMS Reoluation.................................................................532
HMS Solent.........................................................................658
HMS Vanguard.................................................................671
HMT Switha......................................................................659
L’Orient, explosion of.........................................................670, 671, 672
ORP Slazak.........................................................................658
Polo Norte, Navy Trawler.....................................................658
SS Orient..........................................................503–4
ship’s clock, Gaupp, Charles J. & Co., of Hong Kong....188
short duration
iron framed German clock.................................113
lantern clock, unsigned, male figure pillars...........12
Mell, Davis, of London, chamber clock..............588
Shortt, William Hamilton...............................83
Shugborough Hall.............................................665–6
Sidy, Benjamin, of London
bracket clock, mahogany, bell top case...............475
Sidney, Capt. Marlow...........................................221
Sidney, Martha....................................................221
Sieff, Israel.........................................................353
signature
Adamson, Humphrey, of London.......................134
Arnold, John, of London...................................259, 260
Breguet, Abraham Louis, secretарь...................56
Fromanteel, Ahasuerus, of London......................274
Graham, George, of London ..........................558, 559, 561, 733, 734
Gretton, Charles, of London..............................569
Harrison, John......................................................854
Helot, Jean, of Amsterdam..................................780
Knibb, Joseph, of London.................................809, 862
Roberts, Samuel, of Llanfair Caereinion.............364
Spiegel, Joseph......................................................529
Thornburgh, W.......................................................703
Tompson, Thomas, of London............................74
Williams, Henry, of Lancravan.........................391
The Significance of Expensive Books to Horologists, Horological Markets and the 1646–76 Experience of James Master, a Kentish Gentleman, by Chris H.K. Williams........454–9
silver, see dial, silver, mounts, silver; spandrel, silver
SilverSmith & Opician............................................359
Simkins, of Mansfield, watch-paper....................423
Simmon, Antoine, and Estelle Faller
Dix Ecoles d’Horlogerie Suisse – Chef-d’Ouevres de Savoir-Faire, reviewed..................................565–6
Simpson, R.J.M., Watches Robbery, letter..........135
singing bird, vase clock, attributed to De Belle.....754
SingSong, Treasures from the Forbidden City
exhibition, Utrecht.................................................497–8
catalogue reviewed.............................................705–6
skeloton chapter ring, see dial, skeletonised
skeloton clock
crystal wheel.......................................................166
French, unsigned, striking, remontoire.................633
ivory.................................................................455
large 3-train.........................................................103
skeloton clock, made by
Archer, Malcolm...............................................727
Elliott, F.W. Ltd, of Croydon............................351
Wijnberg, Cees, triple axis tourbillon.................727, 728
Wilding, John......................................................625
skeloton watch, Petit, Gedeon, of Geneva.............510
Skinner, John of Exeter
Thwaites and Reed, turret clocks......................826
Sleight, Richard, parish clerk..........................831
Smeaton, John, FRS.............................................858
portrait by Mather Brown.................................39
Smit, Cees, staartklok, musical.........................456
Smith & Litherland, of Liverpool......................95
Smith, J. L. & W., of London
night watchman’s clock.....................................131–2
view of factory c. 1870........................................132
Smith, John, Horological Disquisitions, 1694.........782
Smith, John, and Sons, of Derby
St Roche’s lecture, 2010, The expression of time...334–5
advertised.........................................................145
turret clock.......................................................286, 334–5, 584, 834
Smith, of Coventry, tourbillon carriage maker.....655
Smith, Richard Albert Belcham.........................513
Smith, S. & Sons (Motor Accessories) Ltd............243
car clock..........................................................243
Smith, Sidney J.....................................................454
Simthe, William, artist.......................................203
Smith’s Clocks and Watches Ltd.........................243
Sectronic clock....................................................115
Smith’s English Clocks Ltd.................................243
Smith’s Industries Group......................................243
Smith’s Night-Watchman’s Clocks, letter, Jonathan Betts 131–2
Snellenburg, Jonathan.........................................49
Snelling, Richard, Horological Directory, announced........498
Soho (Birmingham), Clock Manufacturing in Soho,
Handsworth, Birmingham, 1760–1934, lecture by David Hornsey.................................287–8, 554
Sojer (Sawyer), Jacob............................................781
solar time, see dial, equation of time; dial, solar time;
equation of time
Sommerfeld, Arnold............................................445
Sophia, Electress of Hanover..............................780
South Eastern Section, see AHS, South Eastern Section
Southern Section, see AHS, Southern Section
Southey, Robert.................................................669, 670
spandrel, Four Seasons........................................719
spandrel, silver
Delander, Daniel, bracket clock.........................3
Fromanteel, Ahasuerus, of London, table clock......161
Stanton, Edward, of London, bracket clock..........330
speaking clock
The Post Office Speaking Clock, lecture by Jan Wright..286
Speakman, Edward, of London
longcase clock, month duration, marquetry...........280
speedometer, Bonninsken, Bahne.........................284
Spencer Jones, Harold, see Jones, Sir Harold Spencer
Spencer, Mr & Mrs Geoffrey.................................720
Spendlow Clockmakers of Suffolk and Norfolk,
by Trevor Spindler.............................................517–24
Spendlow family tree.........................................518
table of known clocks and watches......................522
Spendlow, Hannah, of Thetford..........................524
Antiquarian Horology
944
strike/silent lever (see also dial, strike/silent)
De Bauffre, James, of London
  bracket clock, blue japanned case......................210
Dutton, William, & Sons, of London
  bracket clock, ebonised....................................6–7
Fromanteel and Clarke, of Amsterdam
  bracket clock, tortoise-shell, double basket top....481
Fürstenfelder, Benedikt, of Aichach and Friedberg
  watch..........................................................526
Jones, Henry, of London, bracket clock, ebony, alarm.4–5
Jourdain, William, of London, jun., longcase clock....719
Markwick, James, junior, of London
  bracket clock, green japanned case...............217–18, 219
Wright, William, of London, bracket clock.............19
striking (see also chiming, quarter)
general usefulness of coverage..............................280
striking, Dutch
Knibb, Joseph, of London, ebony bracket clock.........494
Quare, Daniel, of London
  longcase clock, marquetry, month duration...........308–9
  Tompion, Thomas, bracket clock, un-numbered......78–9
striking, grande sonnerie
  Fromanteel, Ahasuerus, of London, table clock.......161
  Fromanteel and Clarke, of Amsterdam
  bracket clock, tortoise-shell, double basket top....481
  Janvier, Antide, pedestal regulator...................323, 632
  Knibb, Joseph, of London, bracket clock.............77–8
striking, inside rack.........................................820, 821, 824
Martin, William, of Bristol, longcase clock...........116
striking, passing half-hour
  Jourdain, William, of London, jun, longcase clock....485
striking, passing hour
  Harris, William, Chippenham, Cambs, tavern clock...314
striking, quarter (see also chiming, quarter)
  Berrolla, of Paris, carriage clock, giant, calendar.....892
  Castel, Jacques-Thomas, of Paris, orrery clock, 1763...773
  De Bauffre, James, of London
  bracket clock, blue japanned case....................210
  Fischer, of Potsdam, longcase clock....................720
  Grettis, Charles, of London
  longcase clock, marquetry case........................152–3
  Holmes, John, of London, longcase clock.............608–9
  Knibb, Joseph, of London
  bracket clock, japanned case............................204–5
  bracket clock, silver skeleton dial.....................329, 774
  Stanton, Edward, of London, month longcase clock..455
  türmehnuhr, Augsburg, c. 1630..........................120–1
  Vulliamy, Justin, of London, bracket clock...........476–7
striking, Roman
Knibb, Joseph, of London...................................496
  bracket clock....................................................76
  bracket clock, tic-tac escapement......................772
  longcase clock, month duration.........................453
striking train flies, Knibb and Fromanteel compared....812
Strixner, Jacob..................................................529
strut timepiece
Cole, Thomas, of London....................................159
Elliott, F. W. Ltd, of Croydon...............................346
Student Bursary 2010, awarded to Jonathan Kelly.......30
<table>
<thead>
<tr>
<th>Study Tours, Overseas</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sully, Henry</td>
<td>436</td>
</tr>
<tr>
<td><em>Règle artificielle du temps</em></td>
<td>781</td>
</tr>
<tr>
<td>Sundial, Trademark</td>
<td>356</td>
</tr>
<tr>
<td>Sundial</td>
<td></td>
</tr>
<tr>
<td>analemma</td>
<td>880</td>
</tr>
<tr>
<td>anonymous noon cannon, lat. 48° 46' 15&quot;</td>
<td>769</td>
</tr>
<tr>
<td>development in antiquity</td>
<td>264</td>
</tr>
<tr>
<td><em>The Double Horizontal Dial and associated instruments</em>, by John Davis and Michael Lowne, reviewed</td>
<td>266–8</td>
</tr>
<tr>
<td>motto, <em>Meam non tuam nocis</em>, on clock</td>
<td>556</td>
</tr>
<tr>
<td>navicula</td>
<td>432–5</td>
</tr>
<tr>
<td>noon mark, Greenwich</td>
<td>880</td>
</tr>
<tr>
<td><em>Organum pestilen</em></td>
<td>432, 434</td>
</tr>
<tr>
<td>pocket, Lord Kelvin inscription</td>
<td>873</td>
</tr>
<tr>
<td>portable</td>
<td>264</td>
</tr>
<tr>
<td><em>Restoration of Sundial at Greenwich Observatory – an Appeal</em>, letter from Doug Bateman</td>
<td>880</td>
</tr>
<tr>
<td><em>Scottish Sundials</em>, lecture by Dr. Alison Morrison-Low</td>
<td>869</td>
</tr>
<tr>
<td>Stained glass, 1659, Yotes Court</td>
<td>546, 549</td>
</tr>
<tr>
<td>Sundial, Maker</td>
<td></td>
</tr>
<tr>
<td>Adams, George</td>
<td>869</td>
</tr>
<tr>
<td>Allen, Elias</td>
<td>869</td>
</tr>
<tr>
<td>Cole, Humphrey, astronomical compendium</td>
<td>869</td>
</tr>
<tr>
<td>Daniel, Christopher St J.H.</td>
<td>880</td>
</tr>
<tr>
<td>Oughtred, William, double horizontal</td>
<td>869</td>
</tr>
<tr>
<td>Pride, Shadracke</td>
<td>845</td>
</tr>
<tr>
<td>Przykowski, Dr Tadeusz</td>
<td>880</td>
</tr>
<tr>
<td>Roberts, Samuel, of Llanfair Caereinion</td>
<td>363, 375</td>
</tr>
<tr>
<td>Seller, John, of London, double horizontal</td>
<td>267</td>
</tr>
<tr>
<td>Tompion, Thomas</td>
<td>268</td>
</tr>
<tr>
<td>Wynne, Henry</td>
<td>869</td>
</tr>
<tr>
<td>Sundial, Place</td>
<td></td>
</tr>
<tr>
<td>Blair Castle</td>
<td>869</td>
</tr>
<tr>
<td>Chirk Castle</td>
<td>845</td>
</tr>
<tr>
<td>Drummond Castle</td>
<td>869</td>
</tr>
<tr>
<td>Glamis Castle</td>
<td>869</td>
</tr>
<tr>
<td>Greenwich, Royal Observatory</td>
<td>880</td>
</tr>
<tr>
<td>Hever Castle</td>
<td>263</td>
</tr>
<tr>
<td>Kinnaird Castle</td>
<td>869</td>
</tr>
<tr>
<td>Llanbrynmair</td>
<td>363</td>
</tr>
<tr>
<td>Llanfair Caereinion</td>
<td>363, 375</td>
</tr>
<tr>
<td>Oropos</td>
<td>263</td>
</tr>
<tr>
<td>Oxford, Green College (Green Templeton College)</td>
<td>880</td>
</tr>
<tr>
<td>Yotes Court, Mereworth, Kent</td>
<td>546, 549</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SURVEYING</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>sunrise and sunset dial, <em>see dial</em>, sunrise and sunset surveying</td>
<td>535</td>
</tr>
<tr>
<td>survival, of clocks</td>
<td>543, 544</td>
</tr>
<tr>
<td>Sutcliffe, Dennis</td>
<td>290–1</td>
</tr>
<tr>
<td>Swan Inn, Boxmoor, Hemel Hempstead</td>
<td>839</td>
</tr>
<tr>
<td>Swatch Group</td>
<td>717</td>
</tr>
<tr>
<td>Swedenborg House, London venue</td>
<td>721</td>
</tr>
<tr>
<td>Sykes, Geoff, meeting report</td>
<td>877</td>
</tr>
<tr>
<td>Symonds, R.W.</td>
<td>80</td>
</tr>
<tr>
<td>Synchronome Clock Company</td>
<td>861</td>
</tr>
<tr>
<td>A/S 285 range recorder</td>
<td>876</td>
</tr>
</tbody>
</table>

| Synchronome's Wartime Activity, lecture by James Nye | 876 |

<table>
<thead>
<tr>
<th>Table Clock, Bryssel</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table Clock, Anonymous</td>
<td></td>
</tr>
<tr>
<td>German, with armillary sphere and lion automaton</td>
<td>21</td>
</tr>
<tr>
<td>South German or Austrian</td>
<td>325</td>
</tr>
<tr>
<td>Tambour cased</td>
<td>24</td>
</tr>
<tr>
<td>Table Clock, by</td>
<td></td>
</tr>
<tr>
<td>Boucheret, de Paris (religieuse)</td>
<td>875</td>
</tr>
<tr>
<td>Clavier, de Paris</td>
<td>456</td>
</tr>
<tr>
<td>Drury, London (attrib. James Cox)</td>
<td>150, 306</td>
</tr>
<tr>
<td>Fürstenfelder, Benedikt, of Aichach and Friedberg</td>
<td>529</td>
</tr>
<tr>
<td>hexagonal, minute repeating</td>
<td>527, 529</td>
</tr>
<tr>
<td>lacquered case on table</td>
<td>529</td>
</tr>
<tr>
<td>Méray, Joseph de, ormolu</td>
<td>2</td>
</tr>
<tr>
<td>Mire, Theodore, de, de Paris</td>
<td>456</td>
</tr>
<tr>
<td>Perrin, L-F.H., de Paris</td>
<td>875</td>
</tr>
<tr>
<td>Thuret, de Paris, Boule case</td>
<td>125</td>
</tr>
<tr>
<td>Vallin, Nicholas</td>
<td>279</td>
</tr>
<tr>
<td>Table Clock, Horizontal</td>
<td></td>
</tr>
<tr>
<td>Fromanteel, Ahasuerus, and Edward East</td>
<td>579, 586</td>
</tr>
<tr>
<td>Pfaff, Jeremiah, of Augsburg</td>
<td>871</td>
</tr>
<tr>
<td>Table Regulator (see also regulator, table)</td>
<td></td>
</tr>
<tr>
<td>A Table Regulator Signed Dancer, Manchester, by Alfred Thomas</td>
<td>554–7</td>
</tr>
<tr>
<td>Talbot family, of Hensol Castle</td>
<td>380</td>
</tr>
<tr>
<td>Tameside</td>
<td>239–40</td>
</tr>
<tr>
<td>factory</td>
<td>239</td>
</tr>
<tr>
<td>mantel clock, fusee timepiece</td>
<td>239</td>
</tr>
<tr>
<td>tax, import duty on watches, 1915</td>
<td>639–40</td>
</tr>
<tr>
<td>Tavern Clock</td>
<td></td>
</tr>
<tr>
<td>Harris, William, of Chippenham, Camb.</td>
<td>314</td>
</tr>
<tr>
<td>list of many examples in reviewed book</td>
<td>272</td>
</tr>
<tr>
<td>The Tavern Clock, by Martin Gatto, reviewed</td>
<td>271–2</td>
</tr>
<tr>
<td>Tavernier, Pierre Benjamin, watch case maker</td>
<td></td>
</tr>
<tr>
<td>Breguet no. 1085</td>
<td>63</td>
</tr>
<tr>
<td>Breguet no. 1135</td>
<td>55, 60</td>
</tr>
<tr>
<td>Breguet no. 1711</td>
<td>63</td>
</tr>
<tr>
<td>Taylor, Jasper, of London</td>
<td></td>
</tr>
<tr>
<td>bracket clock, verge, pull-quarter repeat</td>
<td>117</td>
</tr>
<tr>
<td>Taylor, Dr John C</td>
<td></td>
</tr>
<tr>
<td>(see also John C. Taylor Masterworks)</td>
<td>579, 776, 777</td>
</tr>
<tr>
<td>Cell John C. Taylor Studentship</td>
<td>460, 578</td>
</tr>
<tr>
<td>Chronophage</td>
<td></td>
</tr>
<tr>
<td>Corpus Christi college (Cambridge) clock</td>
<td>454</td>
</tr>
<tr>
<td>lecture</td>
<td>584</td>
</tr>
<tr>
<td>No. 2</td>
<td>776</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>The Coster-Fromanteel Contract</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Fromanteel's Brass and Steel</td>
<td>336–42</td>
</tr>
<tr>
<td>letter from Keith Pigott</td>
<td>586–8</td>
</tr>
<tr>
<td>Only one Coster clock in the Rijksmuseum?, letter</td>
<td>882–3</td>
</tr>
<tr>
<td>St Roche's horological lecture 2011, <em>The manifestation of time</em>, advertised</td>
<td>619</td>
</tr>
<tr>
<td>Salomon Coster wall clock replica</td>
<td>17</td>
</tr>
<tr>
<td>Taylor, John G</td>
<td></td>
</tr>
<tr>
<td>lecture report</td>
<td>454</td>
</tr>
<tr>
<td>Teignmouth, West Cliffe House (Biton House)</td>
<td>818</td>
</tr>
<tr>
<td>Telephone Manufacturing Company Ltd (TMC)</td>
<td>454</td>
</tr>
<tr>
<td>Tell-tale clock, <em>see night watchman's clock</em></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Antiquarian Horology</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>946</td>
<td></td>
</tr>
</tbody>
</table>
temperate compensation, see balance, compensation; pendulum, compensating (temperature)
Thirou, Antoine, Traité de l’Horlogerie..............530
thirty-hour clock
Grange collection............................................498
musical and chiming.......................................551
A Poorly Finished but Interesting 30 Hour Movement,
Picture Gallery, by Peter Gosnell.......................424–30
rack striking, Porthouse, William, of Penrith.......550–3
thirty-hour clock, by
Clement, William, of London.............................871
Davies, Robert, of Burnley, single hand.............14
Fromanteel, Abraham, of Newcastle.................807, 808
Knibb, Joseph, of London.................................807, 808
Knibb, of Oxford.............................................805
Porthouse, William, of Penrith,
¼ chiming from spring remontoire......................550–3
Raynes, William, of York, longcase clock, ebonised..492
Russell, John, of Costessey, verge....................117
Whittaker, James, of Middleton, longcase clock.....133
Wills, John, of Wolverton (Warks), single hand...484
Williams, Henry, of Lancarvan.........................382–3
alarm..................................................................385–6
Thomas, Alfred
Benjamin Vulliamy Watchman’s Clocks nos. 1 & 2,
letter.................................................................881–2
A Table Regulator Signed Dancer, Manchester.....554–7
Thomas, Patrick, of Pen-y-clawdd, clock and case maker..........................844, 845
Thomas, Samuel, of Nantwich, longcase clock, oak, Saxon Gods and days of week.................389
Thomas, Seth, calendar clock..............................284
Thomire, Pierre-Philippe..................................334
Thompson, David.....231, 360, 444, 496, 579, 650, 736, 881
becomes Chairman of AHS..............................445, 448
book review.....................................................271–2, 562
death of John Leopold reported.........................28
Gift of Collection of Longcase Clocks to the
British Museum...............................................498
The Hammond Collection................................30
Harrison Medal awarded to..............................443
Thompson, David, continued,
The Horological Collector Revd Henry Leonard Nelthropp, lecture
advertised.......................................................568
reported........................................................867–8
A Multiplicity of Foreigners, lecture....................870–1
A New Vice-President........................................449
obituary of John Leopold..................................174
portrait..........................................................448, 568
William Edwards Miller: Portrait Artist, Horological
Collector, Museum Benefactor, lecture...............279–80
Thompson, David, Paul Buck, and Oliver Cooke
A Clock Signed Jan van Call, letter.....................591
Thompson, Ephraim.........................................297
Thoms, Frederick, of London, case maker
watch, H. White no. 1784.................................11
Thomson, Frederick White, of Hong Kong...........183
Thornburgh, George, of Westminster..................703
Thornburgh, John, of Southampton...................703
Thornburgh, John, of Westminster......................703
Thornburgh, Thomas, of Salisbury......................703
Thornburgh, W..................................................416
lantern clock..................................................700–3, 704
signature..........................................................703
Thorton, W. John.............................................704
Thorp, Samuel, of Abberley
bracket clock..................................................731–3
public clock, Stourport Canal Basin Warehouse.....732
Samuel Thorp Revisited, letter from Ken Nesbitt....731–3
Thrift, Nigel, see Glennie, Paul, and Nigel Thrift
Thuriet, Isaac, of Paris........................................200
barometer clock, Boulle case.............................125
wall clock.........................................................738–9
Thwaites and Reed..........................................353
de Dondi replicas.............................................176
longcase regulator, no. 5181..............................452–3
numbering system...........................................286
purchased by Elliott..........................................352
Thwaites and Reed, Some Clocks and Experiences,
lecture by John Warner.................................285–6
turret clock......................................................827
Exeter...........................................................826
two train, from Hertfordshire............................118
Thwaites, John, of London
longcase regulator............................................620
wall clock, English dial, no. 4027......................612
Thwaites, of London, turret clock, Ely Cathedral....583
Ticknor, George.............................................679
tidal dial, see dial, tidal
time, in ancient world......................................263–5
time, apparent, see dial, equation of time; dial, solar time; equation of time
time, clock..................................................280
time distribution
pneumatic......................................................580
telegraphic......................................................557
time, equation of, see dial, equation of time; dial, solar time; equation of time
tools, continued.

Waltham Watch Company...........................................123
wheel-cutting engine..................................................23
tour (see also visit to)
tour, American Section
   New England and Mid-Atlantic States,
   reported by Henry Casson.................................122–30
tour, overseas
   Dresden and Berlin,
   26 September – 3 October 2010..................576–7, 716–21
   advertised.................................................................111
Horological Tour of the USA (2005),
   lecture by Colin Walsh........................................283
   St Petersburg and Moscow, 19–26 September 2011....716
tourbillon, by
   Breguet, Abraham Louis, watches nos.
   1175, 1176, 1187, 1188, 1890, 1918, 2180, 2483.....65
   Northern Goldsmiths Co., of Newcastle upon Tyne
   no. 2052........................................................................654
   no. 2134.......................................................................654, 655
   nos. 2135, 2137.......................................................654
   Randall, Anthony G., double axis........................122
   Renevier, of Paris, watch, no. 457...........................25
   Wijnberg, Cees, triple axis.....................................727, 728
tourbillon, double axis, Randall, Anthony G. ...........122
tourbillon, triple axis, Wijnberg, Cees......................727, 728
   Tout, Edmund, church warden.............................820
   Tower, trademark of S. Davall & Sons......................355, 356
tower clock, see turret clock
   Towneley, Richard....................................................335
toy ware.....................................................................684
   Trachet, William......................................................125
   trade agreements, Anglo-German..........................234
   trade card
   Better, Sidney..........................................................653
   Mangaar, John Adam, of London...........................222
   trademark
   Anvil..........................................................354, 355–6, 358
   Battie Axe...............................................................249, 356
   Britannia.....................................................248, 249, 358
   British Anvil.........................................................248
   possible origin of..................................................354
   Coronet.................................................................249, 356
   Coventry Astral....................................................237
   Garrard.................................................................242
   Guildhall.................................................................249
   J.J.E. (J.J. Elliott)......................................................237
   Sundial.................................................................249, 356
   Tempex.................................................................249
   Tower.................................................................249, 355, 356
   Tradescant, John (Elder and Younger)....................578
   Trafalgar, Battle of............................................668, 679, 739
   depiction of on clock dial.....................................674, 675, 677
   Traherne, F.T. & Sons.............................................652
   train count
   Graham, George, of London, no. 5193, watch.........559
   lantern clock, converted by James Wright, of Knowle..695
   Thornburgh, W., lantern clock...............................702
   unusual unsigned lantern clock..............................408, 410
   Williams, Henry, of Lanark, longcase clock............384
turrachronometre

Augsburg, ¼ striking, c. 1630, restoration…120–1

book review…………………………………263–5, 432–5

obituary of John Leopold…………………………………170–1

The Tribulations of Jean Helot…………………………………779–804

Watch-Pads and Watch-Papers…………………………………417–23

turntable base, bracket clock, Windmills, Joseph,
of London, 3-train, red japanned case…………215–16

turret clock

The Cost of Maintaining and Repairing a
17th-Century Turret Clock, by Edward White……831–6

Diocesan Clocks Advisors Forum,
letter from Derek Frampton…………………………………592

distribution of turret clocks in England…………280

French, wooden, 18th century…………875
gas lighting controller for, Ritchie, J., of Edinburgh…113

Orologi da Torre – MAT Museo Arte Tempo di Clione,
by Marisa Addomine and Daniel Pons, reviewed.270–1

seconds dial, Bristol, St Nicholas’s Church…………280

single hand………………………………….250, 251, 374

small, 1600–1650………………………………….581

The Trials of a Diocesan Clocks Advisor,
lecture by John Plaister……………………………..115–16

Turret Clock ‘Discoveries’, by Clive N. Ponsford……250–4

Turret Clock Keeper’s Handbook,
letter from Chris McKay………………………………..289

weights, different kinds of, used for………………250, 252, 253

winding with geared jack……………………………..254

Turret Clock ‘Discoveries’, by Clive N. Ponsford……250–4

Turret Clock Keeper’s Handbook, letter from Chris McKay,289

turret clock, maker

Benson, James W., of London…………………………375

Brown, Gawen (1720–1801), (at Boston)……………..36, 42

Burden & Co., of Salisbury……………………………..877

Cole, John, of Barnstaple……………………………….250

Cope, of Nottingham……………………………………542

Dent, Edward John, of London……………………………827

Dent, of London

Ely Cathedral………………………………………583

Toddington, Beds……………………………..583

Fanzago, Pietro……………………………………271

Gillett & Co, Cambridge, Pembroke College…………584

Gillett and Bland

Birmingham Art Gallery…………………………………877

Hampton Court Palace…………………………………877

London, Royal Courts of Justice………………………..877

Manchester Town Hall…………………………………877

Toronto, Town Hall……………………………………877

Wells Cathedral………………………………………729

Gillett and Johnston (attrib.), Crosscombe…………….729

Gray, of Shaftesbury………………………………..832

Harrison, John, of Barrow-on-Humber……………725–6

Hillson, Richard, of Plympton…………………………253

Huxham & Rowe……………………………………827

Joyce, J.B., of Whitchurch…………………………….877

Streatham………………………………………583

King, Andrew, of Beckenham…………………………725–6

Knibb, Joseph, of London……………………………..496

Knibb, Joseph, of Oxford, Wadham College……814, 877

Langford, of Bristol……………………………………729

Lapraik, Douglas, of Hong Kong…………180–1

Licheti, Lorenzio, of Winterthur…………………130

Llewelin, of Bristol……………………………………827

Mann, of Gloucester……………………………………582

Miller, Robert, of Alloa…………………………………723

Moore, of London………………………………………827

Murch, Matthew, of Honiton…………………………253

Newey, of York………………………………………584

Oursian, Nicholas, Hampton Court Palace clock…876–7

Paris, Thomas, of Warwick……………………………..877

Pile, Francis, of Honiton…………………………………251–2

Pollard, Jonas, of Crediton, on his own house………825

Pollard, [Jonas?], of Crediton……………………………818

Ashreigney……………………………………….251, 819, 820

Bickleigh, St Mary’s church……………………………821

Sheepwash, Devon, St Lawrence church……………822

Pollard of Exeter etc, compared………………………825

Pollard, T. & J., of Exeter……………………………..815–30

Broadclyst, Devon, St John the Baptist church……821

Christow, Devon, St James’s church…………………821

Dunsford, Devon, St Mary’s church…………………..821

Great Fulford House…………………………………..823

New Canonteign House…………………………………822

Shillingford St George, Devon, St George’s…………822, 824

Talaton, Devon, St, James’s church
(formerly Haldon House)………………………………822, 825

Pollard, T.C., of London (Thomas Comins)…………827

Combineingleigh church…………………………………828

Pollard, Thomas, of Exeter……………………………..818–19

Porthouse, William, of Penrith…………………………550

Potts, W., & Sons, of Leeds……………………………..582

Potts, W., of Leeds, Cambridge, church of Our Lady…584

Reynolds, John……………………………………….877

Roberts, Samuel, of Lanfair Caereinion………………363

Roe, Richard, of Epperstone……………………………831–4, 835–6
turret clock, maker, continued,

Ross, Daniel, of Exeter.............................................827
Exminster, hospital........................................826–7
Sainsbury, of Walthamstow.....................................253
Skinner, John of Exeter...........................................826
Smith, Gabriel, of Bartholomew................................452, 582
Smith, John, and Sons, of Derby.................................334–5
Cambridge, Trinity College.........................................584
Gedling, Nottinghamshire...........................................834
Guangzhou..................................................................286
Thorp, Samuel, of Abberley.........................................732

Thwaites
Ely Cathedral..........................................................583
Exeter prison...........................................................826
Thwaites and Reed....................................................285–6, 826
tender for turret clock..................................................827
two train, from Hertfordshire................................118
Tucker, J.W.T., of Tiverton..........................................830
Vulliamy, Benjamin Lewis, of London
Kingweston..................................................................729
Oxford, Oriel College...............................................877
Portsmouth..............................................................254
Wasborough Hale & Co., of Bristol.............................829–30
Weight, H., of Malmsbury, Wells, St Thomas.............729
Wild, Abraham........................................................835

Turret clock, place
Alphington, Devon, St Thomas the Apostle.............818–19
Antony, Cornwall......................................................253
Ashreigne, Devon, St James’s church.251, 254, 819, 820
Aston Tirrold, Oxon, St Michael’s church.................877
Bickleigh, Devon, St Mary’s church...........................821
Birmingham Art Gallery.............................................877
Blagdon, Somerset, St Andrew’s Church..................729
Boston (Mass.), Old South Meeting House.................36, 42
Braunton, Devon.......................................................253
Bristol, St Nicholas’s Church.......................................280
British Horological Institute, Upton Hall..................834
Broadclyst, Devon, St John the Baptist church...........820, 821
Brocklesby Park, Lincs...............................................725–6
Cambridge
church of Our Lady and English Martyrs..................584
Emmanuel College....................................................584
Girton College........................................................583
King’s College........................................................584
Pembroke College.....................................................584
Trinity College........................................................583, 584
Canonteign, Devon....................................................815–30
Cardiff, St John’s church.............................................379
Chirk Castle.............................................................844
Christow, Devon, St James’s church.............................821
Claydon, Oxon..........................................................496
Clausone, Italy..........................................................271
Cockermouth, Cumbria.............................................550
Colerne, Wiltshire.....................................................250, 252
Colyton, Devon........................................................251
Combe Martin, Devon................................................250
Combinteighead, Devon, church.............................821, 827, 828
Coutrai (Kortrijk)......................................................710
Crarfield, Suffolk......................................................517
Credilton, Devon.......................................................825

turret clock, place, continued,

Crockeddyke, Devon, Haldon House........................822
Dunsford, Devon, Great Fulford House.....................822, 823
Dunsford, Devon, St Mary’s church.........................821, 822, 829
East Harptree, Somerset...........................................729
East Leake, Nottinghamshire.....................................833
East Pennard, Somerset.............................................729
Ely Cathedral..........................................................583
Exeter, Jonas Pollard’s house..................................825
Exeter prison...........................................................826
Exminster, Devon County Pauper Lunatic Asylum.826–7
Gedling, Nottinghamshire............................................831–3, 835–6
Gloucester, Eastgate Railway Station......................582
Great Fulford House, Devon..................................822, 823
Guangzhou................................................................286, 355
Haldon House, Dunchideock, Devon.........................822, 825
Hampton Court Palace..............................................876–7
Hertfordshire, Thwaites and Reed, two train.............118
Hong Kong, Pedder Street.......................................180–1
Honiton, St Paul’s church.........................................253
Ilfracombe museum..................................................250
Ilfracombe museum..................................................250
Ilfracombe museum..................................................250
Ilfracombe museum..................................................250
Ilfracombe museum..................................................250
Isle of Man, Port St Mary.........................................253
Jermyn Street..........................................................42
Kingweston, Somerset.............................................729
Kingweston, Somerset.............................................729
Kingweston, Somerset.............................................729
Kinross.................................................................723
Lichfield, cathedral...................................................226
Llanfair Caereinion, Powys.....................................374, 375
London
Horseguards Parade................................................286
Knightsbridge..........................................................286
Royal Courts of Justice..............................................877
St Pancras station.....................................................582
Wellington Barracks................................................286
Westminster, Great Clock............................................112–13, 285, 431–2
Manchester
Town Hall...............................................................877
Wythenshawe Hall....................................................876
Metford, Powys.........................................................374
Merfield, Suffolk.......................................................517, 519
New Canonteign House, Devon...............815, 816–17, 822
Orwell, Cambs..........................................................583
Ottery St Mary, Devon...............................................254
Oxford
Oriel College..........................................................877
St Mary’s...............................................................877
Wadham College.....................................................814, 877
Penrith, Cumbria......................................................550
Plumtree, Nottinghamshire......................................834
Plymouth, Royal William Victualling Yard...............254
Port St Mary, Isle of Man........................................815–17
Salisbury Cathedral................................................877
Salisbury, St Nicholas church....................................877
Schriesheim, Germany..............................................445–6
Sheepwash, Devon, St Lawrence church..................822

ANTHROPOLOGICAL HORIZON
turret clock, place, continued.
Shelford, Nottinghamshire............................835
Shillingford St George, Devon .....................822, 824
Stoke Damerd, Plymouth, church..................822
Stourport Basin Warehouse..............................732
Streatham, Cambs........................................783
Swansea, St Mary's.......................................842
Tailton, Devon, St James's church................822, 825
Tiverton, Devon, Pannier church.....................818, 830
Toddington, Beds, St George's church.............583
Toronto, Town Hall......................................877
Upton Hall, British Horological Institute..........834
Wells, Somerset
Cathedral..................................................456, 729
St Thomas's Church.....................................729
Wimborne Minster.........................................832
Windsor Castle............................................496

Twentieth century clockmaking see clockmaking, twentieth-century

U
Ulysse Nardin, chronometer, marine....................281
United Kingdom Clock Co. Ltd..........................244
An Unknown Portrait of Cosimo de' Medici?........292–3
An Unusual English Lantern Clock,
by John A. Robey........................................405–16
up-and-down indication
Lund & Blockley, of London, longcase regulator.187, 188
Usher and Cole, of London................................636, 648

V
Vallin, Nicholas, table clock..............................279
Vancouver, George........................................256, 535, 536, 540
marine chronometer, Arnold no. 176.............532–40
Vander Woerd, Charles, screw-making machine...123
Vanderbank, John, tapestry weaver..................207
Varley, David.............................................588
Välerlein, Christian......................................591–2
Vaucanson, Jacques de..................................580
Vaucher, Henry, of Hong Kong.......................188
Vaughan, David...........................................879
Vaughan, Edward, miniature painter................879
Veitch, David
A brief look at the state of chronometry in 1800, lecture..281
Venus and Adonis........................................785
verse, religious, on clock dial........................................321
Roberts, Samuel, of Llanfair Caereinion
no. 500....................................................373–4
Wern Lwyd clock...........................................373–4
Vick, Richard, of London, watch......................800
Victrian Pocket Watch in Murder Case,
letter from Cliff Goodwin...............................879
Vienna regulator, see wall clock
Viet, Claude, of Blois, master of Jean Helot....780, 799
Viet, Claude, of London (see also de Viet)
bracket clock, musical, lacquered case.............457

Vignon, Charlotte...........................................125
Vincent, mainspring maker..........................759
Vincent, Clare.............................................179–1
obituary of John Leopold..............................173–4
portrait of..................................................173
Vincent, Mr [antiquarian horologist].................516
Viner & Co., of London, bracket clock, mahogany...490
Viner, of London, longcase regulator..............452–3
Vissabgh, Pieter, of The Hague
Hague clock, month duration, replica.............456, 727–8
visit, reported by
Campbell, Gregor......................................450–1
Frampton, Derek.........................................455–6
Glasy, John, and Nigel Platt..........................453–4
Hutchinson, Robin......................................451–2
Zeeman, Jaap..............................................875
visit to (see also tour)
Ashbourne..................................................451–2
Cambridge................................................453–4
Hopetoun House.........................................450–1
London, Science Museum................................455–6
Utrecht, National Speelklok Museum..............875
Visser, Barbara...........................................581
Vitruvius [Marcus Vitruvius Pollio]....................264
Vliet, Rick van..........................................353
Vlijmen, Henricus van, of Amsterdam, longcase clock.....456
Vonderen, Gerard van..................................120
Vrijthof, Johannes, Hague clock......................728
Vulliamy, Benjamin Lewis, of London
Benjamin Vulliamy Watchman's Clocks nos. 1 & 2,
letter from Alfred Thomas..............................881–2
timepiece..................................................310
turret clock
Kingweston..................................................729
Plymouth, Victualling Yard...............................254
wall clock, no. 1328, large mahogany drop dial.....15
watchman's clocks nos. 1 & 2.........................881–2
Vulliamy, Justin, of London
bracket clock, ¼ striking.................................476–7
watch, oxz, gold, cylinder.............................510, 511
Vulliamy, of London, no. 1921, mantel timepiece....604

W
Wadsworth, J. H. F. (Francis)..................735
Wagner, night watchman's clock...................728
Waldor, Thomas, of Arundel, notebook..............225
Wales, Welsh Clockmakers Revisited,
editorial, by Dr Peter de Clercq.......................331
Wales and Marches Horological Society.............380
Walford, H................................................345
Walker, Peter, of London
bracket clock, ¼ repeat, white japanned case.......214
wall clock (see also regulator, wall; tavern clock)
Gothic-style.................................................30
wall clock, by
Coster, Salomon, of The Hague, timepiece, 1658...338
Dutton, of London......................................874
Dutton, William, & Sons, of London.............225
Gaupp, Charles J. & Co., of Hong Kong...........188, 189
wall clock, by, continued,
Knibb, Joseph, of London..........................496
Oostrom, A. van of Amsterdam..................875
Payne, William, of London, timepiece, thermometer...158
wall clock, English dial, by
Dutton, Matthew & Son, of London..............307
Handley, George, & John Moore, of London
no. 3046...........................................12
Jamison, George, of Portsmouth...................612
Thwaites, John, of London, no. 4027..............612
Vulliamy, Benjamin Lewis, of London
no. 1328, large mahogany drop dial.............15
Webb, James of Frome................................760
wall clock, Vienna regulator, Elsner, Joseph......453
Wall, Jacobus van de................................857
Wallingford, Richard of, clock replica, by Peter Haward...176
Wallis, John, mathematician..........................198–9
portrait.............................................199
Walsh, Colin
BHI Harrison Project........................................283
Horological Tour of the USA, lecture................283
Walter, Mr. of Rotterdam, Jean Helot’s comments....787
Waltham Watch Company.............................563, 721
‘Stonewatch’ no. 12....................................124
Wanderjahre.............................................215
War, First World (1914–18)
English Horology and the Great War,
by Alun C. Davies.....................................635–50
Ward, Bill.................................................128
Ward, Dr F.A.B..........................................293
Warmenhoven, Adrie....................................333
Warner, John...........................................353, 454
Thwaites and Reed, Some Clocks and Experiences,
lecture...................................................285–6
Warner, John, of Chipping Camden
lantern clock................................................154, 318, 484, 610, 758
Warrington, Samantha...............................650
Washbourn, John, of Gloucester..................379
lantern clock................................................318, 484, 610, 758
watch (see also alarm watch; chronometer, pocket;
coach-watch; deck watch; watch, enamel-cased)
anti-magnetic..............................................638
British imports from Germany.......................643–4
commemorating Nelson, 2008........................688
duty on imported, 1915................................639–40
early depictions of in art..............................292–3
How the Watch was Worn, by Genevieve Cummins,
reviewed..................................................562
karrusel.....................................................284, 479, 655, 657, 659–60
Liverpool, David Evans collection sale advertised...23
mail coach watch...........................................872
military.....................................................638–9
repair charges c.1690......................................783
rock crystal plates, Waltham Watch Company.....124
South German
depicted in portrait, of Cosimo de’ Medici........292–3
Swiss dominance of manufacture..................643–4
world trade balances in 1913..........................643–4
watch, alarm, see alarm watch
The Watch and Clock Maker..........................234, 243, 350
Watch and Clockmaker Asylum.....................347
Watch and Clockmakers of Hong Kong,
by Bernard North........................................178–90
watch, belonging to, see watch, formerly property of
watch, brooch type.....................................636
watch, by (see also chronometer, pocket, by)
Allman, William, & Mangar, John Adam, London......589
Arnold, John Roger, of London
no. 103, gold, ruby cylinder, keyless..............507
Bayley, Charles, silver, pair case, champlevé dial......482
Berthoud, Louis, of Paris, no. 2433, decimal dial........491
Bradshaw, Samuel, of Manchester....................417
Breguet, Abraham Louis
no. 1328, ‘Garde-temps’..............................709
no. 2377 (not by Breguet)..............................511
Bruce, Alexander, of Manchester....................284
Bulova, Thermatron.....................................119
Cabrier, Cl., London, no. 3331, champlevé dial.508, 509
Danesi, George, no. 1, replica..........................871
de Viet, Claude, of London, repeating, pair cased......118
Dickie, Andrew, of Edinburgh
gold, centre-seconds, worm regulator...............508
Ditisheim, Paul, no. 739748, ‘Solvil’..................656
Duchesne, F., of London................................51
Duchesne, William, of London.......................51
East, Edward, of London
rock-crystal and silver octagonal....................863
Emery, Josiah, of London, Nelson’s..................687
Falconer, George, & Co., of Hong Kong, no. 23780..186
Fürstenfelder, Benedikt, of Aichach and Friedberg....529
minute repeating, gold and carnelian case........526–7, 528
Fürstenfelder, Benedikt, of Aichach (attrib.)
minute repeating, silver pair case..................525, 527–8
Graham, George, of London
no. 5175..................................................558
no. 5182..................................................558, 559
no. 5193, cylinder, secret locking....................558–61
no. 5195..................................................558, 559
nos. 5202, 5204, 5207, 5210, 5223, 5227, 5242, 5261......559
nos. 5265, 5275, 5287.................................558, 559
Greton, Charles, of London, rock crystal case........461, 462
Harris, Joseph, of Maidstone, silver balance cock....118
Heckel, Johann, of Friedberg
minute repeating, movement.........................527
Helot, Jean, enamel case...............................784–5
Hubert, David, of London
silver, champlevé dial, centre-seconds.............508, 509
Jolly, William, of Leicester..........................419
Kays, of Worcester, no. 905288........................284
Kellett, Samuel, of Bredbury, Massey Type 1 lever.....284
Knibb, John, of Oxford................................496
Lancashire Watch Company, no. 905288.............284
Lapraik, Douglas, of China
no. 627..................................................182
no. 1665..................................................182
Le Roy, Julien, of Paris, dumb ¼ repeat...............626
le Roy, Pierre, of Paris, virgule escapement...........509
watch case maker, continued.

Joly, Jean Louis....................................................55
Matthews, Martin................................................879
Melville, James, of Clerkenwell...............................838
Merimillo, Guillaume...........................................55
Roumieu, James....................................................311
Tavernier, Pierre Benjamin..................................55
Thoms, Frederick, of London..............................11

watch case maker’s mark
AG (Ann Grove)....................................................838
AG/JM (Ann Grove and James Melville)..................838
FT (Frederick Thoms)...........................................11
J-M (James Melville of Clerkenwell).......................838
RC.................................................................311
RO.................................................................311
RP.................................................................731
TH (cameo)................................................................93
WB (William Boulton)...........................................838
WI (William Jacques).............................................509
WO.................................................................509

watch, enamelled-cased (painted enamel)..................493, 562
Allan, William, & John Adam Mangar, of London.....589
Helot, Jean, of Amsterdam..................................784–5

watch, formerly property of
Nelson, Horatio, Admiral Lord............................687
Stirling, Dr Robert...............................................879

watch movement makers......................................725

watch-pad

embroidered................................................................417
introduction of.....................................................417
paper, cut out......................................................421
pricked, 1788......................................................422
silk, drawn on.....................................................417

Watch-Pads and Watch-Papers,
by Anthony Turner.............................................417–23

watch-paper

advertising..................................................................421, 423
bibliography, partial..............................................589
calendar for 1893...................................................421
decorative...............................................................422
introduction of.....................................................417
Lord’s Prayer.........................................................311
manuscript............................................................422
map of Europe......................................................421
naval successes and Nelson.................................666
printed, catalogue of designs, 1775.......................418–20
sentimental scene..................................................420

Watch-Pads and Watch-Papers,
by Anthony Turner.............................................417–23

letter from David Penney.........................................589

Watchpapers, letter from David Penney....................589

watch-paper, of

Barraud and Lund, of London...............................421
Bruce, A., of Manchester........................................423
Camp, R., of Derby...............................................423
carter, John, of London........................................224
dixon, of York......................................................421
Fox, of Beverley...................................................421
Lindley, of Leicester...............................................422
linford, Edward, of London.................................421
watch-paper, of, continued,
   Nickalls, Thomas, of Reigate..........................423
   Simkins, of Mansfield.................................423
   Young, Oliver, of Newcastle-on-Tyne...............423
   Watches of the Catling Family, by John David Stables. 837–40
   Watches Robbery [1825], letter from R.J.M. Simpson........135
   Watchmaker, Jeweller, and Silversmith..............635
watchman’s clock, see night watchman’s clock; noctuary
   watchpad, see watch-pad
watchpaper, see watch-paper; watch-paper, of
   water clock...................................................264
   water flow instrument, Lea Recorder Company.......871
   Waterbury Clock Company................................125
   Waters, John, of London
      bracket clock, commemorating Blenheim...............665
   Watkins, Ernest A., letterheading........................101
   Watson, Chris................................................444
   book review....................................................437–8
   The Gwen Brown Family and ‘The Last Apprentice’..31–42
   Watson, Henry, of London
      watch, no. 1369, found inside shark..................297
   Watt, Robert Watson........................................85
   Watts, W.W....................................................279
   weather clock, Wren, Sir Christopher..................193
   Webb [antiquarian horologist].............................516
   Webb, James, of Frome, English dial wall clock.....760
   Webster, marine chronometer, no. 604....................119
   Webster, Percy................................................99, 515, 516
   Webster, Rebecca, George Graham’s Watch number 5193,
      Picture Gallery..................................................558–61
   Webster, Robert, of Shrewsbury.........................732
   Weeke Museum................................................577
   Wehle, trumpeter clock.....................................620
   Weight, H., of Malmesbury, turret clock, Wells.....729
   Weiss, Alexander A., of Hong Kong.....................188
   Weiss, Charles, of Hong Kong...........................188
   Welles, J. Cheney, clock gallery, Old Sturbridge....122, 283
   Wellington, 1st Duke of.....................................53
   Wells Cathedral, turret clock..........................456, 729
   Welsh Account Books and Horology in the Seventeenth Century, by William Linnard and Chris H.K. Williams........841–5
   Welsh Clockmakers Revisited, editorial, by Dr Peter de Clercq..........................331
   Wely, Bob van, and others, Schatten uit de Verboden Stadt / Treasures from the Forbidden City, reviewed........705–6
   Wennerstrom, Peter and George.........................647
   Wentworth, William, of Sarum (Salisbury), watch.....311
   Wesley, John....................................................50
   house..............................................................43
   West, Benjamin, artist......................................39, 40, 679–80, 688
   West Dean College...........................................577
   (see also St Roche’s Horological Lecture)
   Westfield, of Louth, longcase clock,
      dial commemorating Battle of the Nile.................671–2
   Westminster, Great Clock................................285
   Big Ben: The Great Clock and the Bells ....
      book by Chris McKay, reviewed.......................431–2
   The Great Clock of Westminster,
      lecture by Chris McKay................................112–13
      winding by hand..............................................113

  Westminster, Palace of........................................431
  Wheatley, William, of London
      bracket clock, ebonised, ¼ chiming....................20
      wheel cutting engine, Whitehurst, of Derby........452
      wheel teeth, marking and cutting of.................408, 425
  Whichcord, William.........................................520
  Whillis, Stewart
      meeting reports.............................................583–4
      organ recital................................................583–4
  Whitaker, James and Samuel, of Middleton, see Whittaker
  White, Edward, of London
      carriage clock, no. 692, giant nickel silver cased.........304
  White, H., of London, deck watch, no. 1784..............11
  White Horse Press...........................................775
  White, Ian
      book review..................................................705–6
      English Watch and Clockmakers trading to the
         Ottoman Market 1580–1815, lecture...............874
   horological anecdote, 1787, watch in shark...........297
  Whitehurst, of Derby
      clocks made for Matthew Boulton....................288
      hook and spike clock......................................452
      longcase clock..............................................116
      centre-seconds.............................................116
      noctuary, longcase clock.................................116
      wall alarm clock...........................................871
      wheel-cutting engine......................................452
  Whiteside, Thomas, of Liverpool.........................95
   (see also Litherland, Whiteside & Banning)
  Whitestone, Sebastian.....................................200
   A Clock Signed Van Call, letter.........................736–7
   A Cotter Clock Lost and Found, letter...................585
   For your further reading...................................136–7, 463–4, 740–1
   Minute Repeating in Tompion’s Lifetime..................525–31
   Whittaker Clocks, letter from Robert Love...............133
   Whitaker, James, of Middleton (Manchester)
      longcase clock, oak-cased single-hand 30-hour.........133
   Whitaker, Samuel............................................133
  Whyte, Philip, and Richard Stenning, Hope and Glory:
   A Horological Battle for Survival, 1910–1945, lecture.....721
  Wijnberg, Cees
      skeleton clock, triple axis tourbillon.................727, 728
  Wilding, John
      portrait..........................................................625
      prototypes, sale of, advertised..........................625
      skeleton clock...............................................625
  Wilks, John, of Wolverton (Warwickshire)
      longcase clock, 30-hour, single hand..................484
   will, of
      Catling, John, victualler, of Boxmoor.................838
      Helot, Jean, of Amsterdam..............................780–1
      Roberts, Samuel, of Llanfair Caereinion.............374–5
      Williams, Henry, of Lancarvan.........................380
   Willard House and Homestead.............................122
   Willard, Simon, of Roxbury...............................122
   William Porthouse’s Remontoire, by Simon Johnson....550–3
   Williams, Captain L.H., of Hong Kong...................183
   Williams, Chris H.K........................................390
   (see also Linnard, William, and Chris H.K. Williams)
   The Significance of Expense Books to Horologists......541–9
Windmills, Joseph, of London, continued,
prolific maker of japanned case clocks.................217
Windmills, Thomas, of London
bracket clock, ¼ repeat, green japanned case........216, 217
Winkel, J.W.....................................................446
Winifred, Christine
Claude Duchesne – Huguenot Clockmaker..............43–51
Wood, Charles Vander, screw-making machine........123
Wolfle, General James........................................680
Wolfendale, Sir Arnold
portrait..........................................................449
President’s Address...........................................445
Wolmuth, Bill, Dr Alan Shenton Award, 2010...........715
Wolmuth, Bill, John Glanville and
Clock Making in Twentieth-Century England and Wales
Part 1..............................................................231–49
Part 2..............................................................343–60
Wolverston, Benjamin, of London
lantern clock......................................................16, 154, 318, 484, 610
wood, use of by John Harrison...............................726
wooden clock maker, Terry, Eli, Porter contract........124–5
Woollett, William, engraver...................................679, 680
Woolley, James, of Codnor, timepiece movement......871
work book, Haycock, William, of Ashbourne.............451
workshop clockmaker’s, Luyken, Jan, Clockmaker’s workshop...........786
Gents of Leicester...............................................582
Gillett & Co.....................................................582
Haycock, William, of Ashbourne.........................451–2
Worsley, Christopher...........................................174
Worshipful Company of Clockmakers.......................
see Clockmakers, Worshipful Company of
Worsley, Benjamin.............................................195, 578
Woyke, Solomon, longcase clock, month duration......446
Wregg, of London, watch, two-day, dead-beat verge...116
Wren, Robert....................................................444
Wren, Sir Christopher
pendulum experiments..........................................192
weather clock...................................................193
Wright, A.J. (Jan), The Post Office Speaking Clock, lecture. 286
Wright, B. & Co., of Birmingham, dial maker.679, 682, 684
Wright, Michael T...............................................117
book review.....................................................563–5
Wright, William, of London
bracket clock, ebony, repeat, lunar dial....................19
wrist-watch
commemorating Nelson, 2008...............................688
conversion of pocket watch to................................638
fusee, Lange & Söhne, A.................................718
increased demand for during Great War...............636–8
Ingersoll, Robert...............................................638
introduction of..................................................562
origin of..........................................................636
shield protecting glass.........................................638, 639
Vintage Wristwatches, lecture by Justin Koullapis......287
wrist-watch, by
IWC, Ingenieur................................................287
Lange & Söhne..................................................287
Lange & Söhne, A, Richard Lange, Pour le Merite....718
wrist-watch, by, continued,
Rolex
  Milgaus..............................................................287
  Oyster Perpetual Submariner 5508.........................328
Writing Time, The History of the Chronograph.........777–8
Wyndham family, of Dunraven Castle.....................379, 386
coat of arms.........................................................386
Wynne, Henry, sundial at Kinnaird Castle..............869
Wyon, Peter and Thomas, of Birmingham, engravers....686

Y
Yeomans, of Coventry, watch manufacturer.............659–60
Yorkshire Longcase Clocks & Their Makers,
  by David Firth, reviewed....................................269–70
Yotes Court, Mereworth, Kent..............................544, 545
  sundial, stained glass, 1659.................................546
Young & Hedridge, of Dundee
  longcase clock, death of Nelson scene........679, 682, 684
Young, Oliver, of Newcastle-on-Tyne, watch-paper.....423
Ysorb, signature of Johann Paul Brosny..................529
Ystradgynlais, Enfield Clock Company moved to.......245, 249

Z
Zeeman, Jaap
  For your further reading................137–8, 593–4, 743, 885–6
  meeting reports........................119–21, 456, 581–2, 728, 875–6
Zobel, M. and L., of Hong Kong..............................188
  zodiac, see dial, zodiac signs
Zuylenbergh, planetarium.....................................333–4
Zwinger Mathematisch-Physikalischer Salon...........576, 716–17
ANTIQUARIAN HOROLOGY

AND THE PROCEEDINGS OF
THE ANTIQUARIAN HOROLOGICAL SOCIETY

INDEX

VOLUME XXXIII

September 2011 to December 2012

THE ANTIQUARIAN HOROLOGICAL SOCIETY
TICEHURST
MMXIV
<table>
<thead>
<tr>
<th>Issue</th>
<th>Month/Year</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>September 2011</td>
<td>1–148</td>
</tr>
<tr>
<td>Two</td>
<td>December 2011</td>
<td>149–280</td>
</tr>
<tr>
<td>Three</td>
<td>March 2012</td>
<td>281–428</td>
</tr>
<tr>
<td>Four</td>
<td>June 2012</td>
<td>429–560</td>
</tr>
<tr>
<td>Five</td>
<td>September 2012</td>
<td>561–708</td>
</tr>
<tr>
<td>Six</td>
<td>December 2012</td>
<td>709–856</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>857–920</td>
</tr>
</tbody>
</table>
LIST OF ARTICLES

Clock and Watchmaking in Belgium, 1300–1830  
by Eddy Fraiture and Paul Van Rompay 27

Constant Force Chronometer, No. 1, Attributed to Paul Garnier  
by Phillip Arnott 46

Astronomical Clocks in Observatories of the World and their Makers, 1670–1850. A Modified List  
by Jürgen Ermert 70

Thomas Hampson of ‘Wrexham’ – His Chester Phase  
by Steve and Darlah Thomas 89

The Missing ‘Harrison’ Table Clock  
by William Andrewes and Bob Frishman 180

The Electric Remontoire  
by David Read 190

Design and Precision of a Small Eight-Day Chronometer by Barraud  
by A.D. Stewart 199

On Excursions and on Song: The BHI Views New Technology in the 1870s and 1880s  
by Alun C. Davies 207

Clocks of Pasteboard  
by Anthony Turner 221

William Leigh of Newton-le-Willows, clockmaker 1763–1824 : Part 1  
by Steve and Darlah Thomas 311

A Large European Iron Chamber Clock  
by John A. Robey 335

The Chimerical English Pre-Huygens Pendulum Clock  
by Sebastian Whitestone 347

A Time-Telling Telescope  
by Richard Dunn and Lavinia Maddaluno 359

The Antiquarian Horological Society. An Early History  
by James Nye 457

William Leigh of Newton-le-Willows, clockmaker 1763–1824: Part 2  
by Steve and Darlah Thomas 469

Moorfields and Clock-Brass Founders Part 1: The London Horological Trades in Moorfields  
by John A. Robey 479

The Synchronous Mains Revolution and ‘Time Gentlemen, Please’  
by David Read 487

New Light on Jacob Lovelace  
by Clive N. Ponsford 493

Horology at International Industrial Exhibitions – 1851–1900  
by Alun C. Davies 591

Moorfields and Clock-Brass Founders Part 2: The Mayor Family and Other Founders  
by John A. Robey 609

The History of Arnold & Dent Long Case Regulator No 308  
by David Hambleton 624
**LIST OF ARTICLES (continued)**

<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horological Requests in Early Welsh Poems</td>
<td>William Linnard &amp; Ann Parry Owen</td>
<td>631</td>
</tr>
<tr>
<td>God Save the King. The Automaton Ship and Silver Shagreen Case</td>
<td>Brittany Cox</td>
<td>637</td>
</tr>
<tr>
<td>The Wall Clock Dated 1657 Signed Jan van Call</td>
<td>David Thompson</td>
<td>739</td>
</tr>
<tr>
<td>The Screws in the van Call Clock</td>
<td>M. T. Wright</td>
<td>762</td>
</tr>
<tr>
<td>Leonardo da Vinci and the Earliest Known Clock with Warned Striking</td>
<td>John A. Robey</td>
<td>775</td>
</tr>
<tr>
<td>Daniel Quare 324</td>
<td>Terence Camerer Cuss</td>
<td>786</td>
</tr>
<tr>
<td>An Unmarked 8-Day Time and Striking Spring Driven Movement</td>
<td>Peter Gosnell</td>
<td>791</td>
</tr>
</tbody>
</table>

**NOTES**

<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watch Lorgnettes</td>
<td>Neil Handley</td>
<td>227</td>
</tr>
<tr>
<td>Further Notes on Jourdain Clocks</td>
<td>Neil Andrew</td>
<td>232</td>
</tr>
<tr>
<td>Camerer Cuss Datelines</td>
<td>Terence Camerer Cuss</td>
<td>506</td>
</tr>
<tr>
<td>An Intriguing Swinging Clock</td>
<td>Simon Kerby &amp; Tom Meryon</td>
<td>509</td>
</tr>
<tr>
<td>Big Ben – New Discoveries Part 1: Punch and the Bell</td>
<td>Chris McKay</td>
<td>514</td>
</tr>
<tr>
<td>Big Ben – New Discoveries Part 2</td>
<td>Chris McKay</td>
<td>799</td>
</tr>
<tr>
<td>Joseph Knibb’s Roman Striking</td>
<td>Mike Cowham</td>
<td>803</td>
</tr>
</tbody>
</table>

**PICTURE GALLERY**

<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>An Interesting Thirty-Hour Clock c.1745</td>
<td>J P</td>
<td>97</td>
</tr>
<tr>
<td>Stainton of Birmingham Advertising Card</td>
<td></td>
<td>501</td>
</tr>
<tr>
<td>Japanese Pillar Clock</td>
<td></td>
<td>502</td>
</tr>
<tr>
<td>Watch Keys</td>
<td></td>
<td>643</td>
</tr>
<tr>
<td>Portrait of Edward Scrivener</td>
<td></td>
<td>648</td>
</tr>
<tr>
<td>The clock-maker at his bench. A variation on the Jan Luyken engraving</td>
<td></td>
<td>650</td>
</tr>
</tbody>
</table>
INDEX TO VOLUME THIRTY-THREE

Compiled by Andrew James

Page numbers in bold type denote an illustration

A

Abbing, Koen Roscam

Molyneux regulator no. 159, lecture.......................837
Abbott, John..........................................................545
Abeler, Jürgen..........................................................524
Académie Royale de la Marine, Brest.........................524
Académie Royale des Sciences, Paris........657, 658, 660, 662
“Act of Parliament” clock, see tavern clock
Adams, John, of London, watch and clockmaker..........481
Addomine, Dr Marisa

Turret clock of Chioggia Venezia, lecture...............839
Adhesives for Horology, short talk by John Dobbie.......688-9
advertisement (historical)
Berry, of Piccadilly, antique dealers.......................360, 361
Derby Mercury, 1 June 1744.....................................484
Ipswich Mercury, 30 June and 7 July 1750........484-5
Mayor, John, of London, 1696, 1700-1703.................616
Somersall, Mandeville, of London.......................484-5
Waltham watches

Harris, Henry, & Co, of London, 1909.......................605
Melbourne exhibition, 1881......................................606
Agamemnon, depiction of, sardonyx, on watch key.....643
Agar, John, of York..................................................735
longcase clock, lunar, tidal dials, mahogany...........737
Ahmed I, Sultan........................................................814
AHS (Antiquarian Horological Society)

see also Antiquarian Horology

for meetings, see AHS, main meeting
for details of sections, see AHS, name of section
affiliation with Royal Astronomical Society........303, 374
AGM 2011 and NMM/AHS conference

attended by American members.......................261
lectures reported..................................................116-19
minutes..............................................................115-16

AGM 2012 and NMM/AHS conference

advertised............................................................369
lectures reported..................................................676-9
minutes..............................................................675-6
notice of..............................................................119, 238
notice of election of Council members.................242
AGM 2013 and Sixtieth Anniversary Convention

advertised............................................................816-17
notice of election of Council members.................823
Oxford 2013 – Call for Papers..............................680

The AHS at Burlington House,

editorial, by Dr Peter de Clercq.......................303
AHS Conservation Bursary.....................................243-4
AHS Diamond Jubilee 2013, by David Thompson......373
AHS News........................................637-90, 823-40

537-45, 673-90, 823-40

AHS (Antiquarian Horological Society), continued,

AHS Prize 2012, Britanny Cox...............637, 642, 683
AHS Research Bursary..........................................244

Pendules de Paris Project.................................824
AHS Study Tour 2011

brief report by Susan Knight.....................244-5
report by Mike Wilson........................................826-32
AHS Study Tour 2012, plans, by Susan Knight....245
AHS Website News................................................120
The AHS: An Early History, by James Nye........457-68

blog.................................................................382-3

Bits from the Blog, Martin Ridout...............681-2, 825
Calendar

2011.....................................................................113
2012.....................................................................241, 372, 536, 672
2013.....................................................................822

calendar (publication), Diamond Jubilee 2013...680, 818
Chairman’s Report

2011.....................................................................114-15
2012.....................................................................673-5
Committees.............................................................242
Council.................................................................673
Council members...............................................242, 823

founding provisional..............................................385

Digitisation of the Journal.................................682
Dr Alan Shenton Award, 2011, Paul Myatt........373, 676
foliot logo..............................................................384
formulation of......................................................383, 466-7, 732
letter of invitation to.........................................384
functionaries.........................................................242, 823
gifts and other items...............................................267
grants and bursaries.............................................674
Heritage – achievements of the last 58 years........383-6
international interaction.......................................674-5
journal, see Antiquarian Horology

library.................................................................114
librarian..................................................114, 537, 673
Library News.......................................................537
Library Notes.........................................................120, 243, 682, 823-4
London Lectures in 2012, Jonathan Betts.............244
London Lecture Series 2013...............................824
mission statement.................................................381
motto or strapline..................................................381
New Affiliation for the AHS,

David Thompson and James Nye....................374
A Note on the Kehle Conference,

David Thompson..........................816-17
office premises....................................................386, 673
Tichurst......................................................114, 386
Percy Dawson Medal, 2011, Rory McEvoy........373, 676

prizes.................................................................675
AHS (Antiquarian Horological Society), continued.

programme

Autumn 2011.................................................................111-13
Winter 2012.................................................................239-40
Spring 2012.................................................................370-1
Summer 2012.................................................................534-6
Autumn 2012.................................................................670-1
Winter 2013.................................................................820-1

publications.................................................................386, 404, 674, 818
available, listed.............................................................264-7
calendar, Diamond Jubilee, 2013.................................818

English Clocks for the Eastern Markets...
by Ian White.................................................................404, 668, 674, 818
James Upjohn’s writings.............................................674
Synchronome,
by Robert H.A. Miles...................................................108, 404, 674, 818
relationship with BHI.......................................................467-8

From the Secretary..........................................................680
Secretary’s Notes..........................................................243, 823
sections........................................................................674

establishment of.............................................................386

Sections Co-ordinator, Susan Knight...............................681

sponsorship.................................................................675

Student Bursary, 2011, Martin Cleaton.............................373
Study Tour to Germany, 17–24 September 2012; Mike Wilson.................................................................826-32
Supporting the AHS..........................................................531, 667
tours........................................................................115, 244-5, 674, 826-32
website........................................................................382-3, 451, 674

Website News.................................................................373, 681

AHS, American Section

7–15 May 2011, Tour of London and surroundings.................................................................256-61

AHS, Dutch Section

14 May 2011, Discussion on clock with signature Coster
report by Jaap Zeeman......................................................128
second report, by Carel Hofland......................................251-2
Editorial correction..........................................................416

24 September 2011, Bring and Discuss ........................................252-3
19 November 2011, Members’ Presentations......................413
2 December 2011, Visit to exhibition ‘Going Dutch’.............413
7 December 2011, Visit to auction house AAG..................413
28 December 2011, My first clock; members’ talks...............544
29 January 2012, Bring and Discuss.................................544
4 March 2012, In an Auction House, by Jos Meis;
French Clockmaking 1660–75,
by Hans van den Ende.....................................................544-5
31 March 2012
Molyneux regulator no. 159,
by Koen Roscam Abbing..................................................837
The Ransonet family of clockmakers,
lecture by Lode Goukens..................................................837
19 May 2012, Visit to Museum Joure, Friesland...............837-8

AHS, East Anglian Section

28 May 2011, Carriage Clocks, lecture, Ron Rose.............124-5
29 June 2011, Visit to Science Museum............................125
23 July 2011, Charles Prince, lecture, David Read...........125-6
23 September 2011, Thwaites and Reed, Some
Clocks and Experiences, lecture by John Warner...............248
26 November 2011, AGM, and Bring and Discuss.............409-10
28 January 2012, The Invention of the Wrist-watch,
lecture by Richard Edwards.............................................410-11

AHS, East Anglian Section, continued.

24 March 2012, Virtual tour of East Anglia,
lecture by Ian Coore.......................................................541-2
26 May 2012, Early Electric Research,
lecture by Tim Hunkin.....................................................686
28 July 2012
The Knibb Family, lecture by Mike Cowham...............686
RAF Sector Clocks, lecture by Nigel Platt.......................686-7
15 September 2012,
Visit to Whitechapel Bell Foundry.................................835-6
22 September 2012, Tavern Clocks,
lecture by Martin Gatto...................................................837

AHS, Electrical Horology Group...........................................394
11 July 2011, Battery insertion movements,
lecture by John Howell and Martin Ridout......................129
24 September 2011, Master clock serial numbers,
lecture by John Hubert...................................................254
3 December 2011, AGM: and
The Astronomical Regulator in Observatory Life,
lecture by Rory McEvoy.................................................413-14
10 March 2012, Visit to a private collection.......................690
23 June 2012, Telephone Rentals, by Derek Bird,
and Bring and Discuss......................................................690
15 September 2012, A young person’s guide
to the orchestra of components.....................................838
oral history programme................................................395

AHS, main meeting (see also AHS: AGM)
21 July 2011, The Great Knibb,
lecture by Andrew King...............................................245-6
15 September 2011, The Life and Times of
Edward East, lecture by Oliver Cooke.........................246-7
17 November 2011, George Graham, Watchmaker,
lecture by Rory McEvoy...............................................380
advertised.................................................................109
19 January 2012, special event
address by Sir Arnold Wolfendale.................................380-1
advertised.................................................................110, 236

lectures
The Challenge and Excitement of Research,
Andrew King.................................................................402-4
Clocks and Timekeeping, Jonathan Betts....................386-8
Electrical Timekeeping, James Nye.................................392-5
Introduction, David Thompson......................................381-3
Material Preservation, Matthew Read.........................395-7
Our Distinguished Heritage, Michael Hurst................383-6
Turret Clocks, Keith Scobie-Youngs..........................397-402
Watches and Watchmaking, David Penney..................389-92
notes by Editor............................................................381

15 March 2012, The Great Collectors: J. Pierpont Morgan,
lecture by David Thompson...........................................537-9
advertised.................................................................237
19 July 2012, A Good Time in Berlin – the Remarkable
Clocks of Normal-Zeit, lecture by James Nye...............825-6
advertised.................................................................532
20 September 2012, Clocks for the Transit of Venus,
lecture by Matthew Read...............................................826
advertised.................................................................533
10 January 2013, James Short, telescope maker,
and his support for John Harrison,
Prof. Jim Bennett, advertised.................................819
move to Royal Astronomical Society...110, 115, 236, 673

Antiquarian Horology 862
AHS, Midlands Section
4 May 2011, \textit{Time on my hands}, lecture by Mike Wilson..............................123
24–26 June 2011, \textit{Tour of Somerset}.........................................................124
3 September 2011
\textit{Design and Construction of Automata and Singing Birds}, lecture by Dr John Moorhouse.....248
\textit{Restoration of the Bowes Museum Swan}, lecture by Matthew Read.........................248
2 November 2011, \textit{Vulliamy’s work at Windsor Castle}, lecture by Steven Davidson..........408
26 November 2011, AGM, and Members’ Meeting.............................................408-9
1 February 2012, \textit{Clock Manufacturing in Soho, Handsworth, Birmingham, 1760–1934}, lecture by David Hornsey.................................................................539-40
7 March 2012, \textit{Tavern Clocks}, lecture, Martin Gatto.................................540
13 April 2012, \textit{Visit to Stratford-on-Avon area}..........................541
2 May 2012, \textit{The Great Knibb}, lecture by Andrew King........................................685-6
8 September 2012, lectures by Richard Higgins
\textit{The European Influence on Eastern Magnificence}, 834-5
\textit{Mechanical Music and the Organ Clocks of Charles Clay}..............................................834

AHS, Northern Section
10 June 2011, \textit{Club Night: German Clocks and Watches}.................................122-3
14 October 2011, \textit{Club Night: Alarm Clocks and Watches}.................................405
11 November 2011, \textit{Litherland Lever Watches}, lecture by Alan Treherne.......................406
13 January 2012, AGM, and \textit{A Lifetime in Horology}, lecture by Alan Smith.....................406-7

AHS, Scottish Section
11 June 2011, \textit{Visit to Lauriston Castle}....................................................121-2
17 September 2011, \textit{Edinburgh and Glasgow Time Balls, Time Guns, and Controlled Public Clocks}, lecture by Dr Roger Kinns.........247
19 November 2011, \textit{Bring and Discuss}......................................................404
21 January 2012, \textit{Introduction to Scottish Silver}, lecture by Colin Fraser.....................404-5
18 February 2012, \textit{Perpetual Calendar Clocks}, lecture by Gaulis Coleman..............539
28 April 2012, \textit{Middle Temperature Error and Chronometers}, lecture by David Veitch........683-4
10 June 2012, \textit{Visit to Gosford House}.......................................................684-5
15 September 2012, \textit{Alexander Bain}, lecture by John Hunter................................833
20 October 2012, AGM and \textit{Bring and Discuss}...........................................833-4

AHS, South Eastern Section
2 April 2011, \textit{Tunbridge Wells Station Clock}, lecture by Clive Steer........................126-7
4 June 2011, \textit{Clock Case Restoration}, lecture by Chris Ayres............................127

AHS, South Eastern Section, continued,
6 August 2011, \textit{Horological Tools}, lecture by Ian Coote.....................................248-9
1 October 2011, AGM, and \textit{Collections}, lecture by David Thompson...............249-50
3 December 2011, \textit{Hamilton chronometers}, lecture by John Hatt..........................411
4 February 2012, \textit{Bring and Discuss}..............................................................542
7 April 2012, \textit{Anatomy of a Watch}, lecture by Ian Coote.....................................542-3
2 June 2012, \textit{H. Hart – Enamellers to the Trade}, lecture by Peter Bill..........................687
7 July 2012, \textit{Visit to Whitechapel Bell Foundry and Dennis Severs’ House}.................689-90

AHS, Southern Section
10 September 2011, \textit{The Great Knibb}, lecture by Andrew King..........................250
15 October 2011, AGM, and \textit{Some Horological Excursions}, lecture by Chris Watson.....250, 411-12
3 December 2011, \textit{Bring and Discuss}..............................................................412-13
11 February 2012, \textit{The Life and Times of Edward East}, lecture by Oliver Cooke.............543
17 March 2012, \textit{The Great Clock and Bells of Westminster}, lecture by Chris McKay......544
28 April 2012, \textit{Members’ Talks}.................................................................688-9

AHS, Turret Clock Group
22–23 July 2011, \textit{Tour of West Yorkshire}..................................................129-30
7–8 October 2011, \textit{AGM and Tour of Hereford area}........................................254-5
31 March 2012, \textit{Bring and Discuss}..............................................................545
11–12 September 2012, \textit{Tour of Newark area}.............................................838-9
12–13 October 2012,
\textit{Tour of Norfolk and AGM}...........................................................709, 839-40

Aimer, Maurice.................................................................................................458, 459
Ainsworth, George, of Warrington.................................................................332
\textit{movement plate by}..................................................................................474
Airy, Sir George Biddell....................................................................................643
\textit{depiction of, sardonyx, on watch key}..............................................................643
Dr Alan Shenton Award, 2011, Paul Myatt....................................................373, 676
alarm clock
\textit{‘Big Ben}......................................................................................................405
\textit{French, ‘appointment times’ setting}.......................................................411
Italian, 1571....................................................................................................835
alarm clock, by
Breguet, Abraham Louis
no. 2354, carriage clock, burr elm case.........................................................708
Cattell, William, of London, timepiece, ¼ repeat........................................727
Closon, Peter, of London, lantern clock.........................................................835
Dunlop, Andrew, of London
\textit{bracket clock, grande sonnerie}..................................................................293
Ferranti, mains synchronous.............................................................................405
Gilbert..................................................................................................................405
Graham, George, of London
no. 583, miniature lantern timepiece.................................................................282
travelling timepiece.........................................................................................302
HAC (Hamburg American Clock Company)..................................................405
Knibb, John, of Oxford, timepiece, ¼ repeat................................................724
Lindsay, George, of London, bracket timepiece.............................................581
Pott, Thomas, of London, travelling wall clock.............................................292
Rogers, John, of Leominster, lantern, miniature..611, 613
Stokes, William, of Stourbridge, hooded wall clock......................................292
alarm clock, by, continued,
Tompion, Thomas, of London
  ebony, bracket, ¼ repeating, timepiece........170
  no. 15, ¼ repeat, timepiece......................257
Ward, Robert, of London
  bracket clock, silver, gilt mounts, ¼ striking....22
Webster, Richard........................................405
alarm watch
Carrié.................................405
German, unsigned, clock-watch...............168
Jaeger Le Couteure..........................405
Junghans.....................................405
Moreland, Thomas, of Chester.................405
Alba, 3rd Duke of, repression of Flanders........40
Albert (1559–1621) and Isabella, Archdukes........41
Alker, J., of Wigan, turret clock.................325
all-or-nothing piece
Quare, Daniel, of London, watch, no. 324.......788
Allam & Caithness, of London
English dial clock, striking, Thwaites no. 3173....161
Allam, of London, observatory regulator........71
Allerdine, of Sydney............................603
Allix, Charles.................................59, 65
  sale of library.................................452-4
  advertised...........................................169
Allix, Charles, and Giuseppe Brusa..............173
Almanus Manuscript...........................29, 778-80, 781
Altone, observatory.............................363, 364
American clockmaking
American Clocks, An Introduction, by Tom Spittler,
  reviewed............................................530
  at exhibitions, 19th-century.......................591, 593, 595
  influence on an English drop dial clock.........791-8
  use of punching-out................................791
American Section, see AHS, American Section
American watchmaking
David, Jacques, report on, 1876..................365
  at exhibitions, 19th-century........599-600, 603, 604
Ames, Richard, of London, lantern clock........12, 154, 292
André, Alfred, faker..................................538
Andrew, Neil........................................412
Further Notes on Jourdain Clocks, Note............232-3
More Harrison Publications, letter.................263
Andrewes, William J.H. and Bob Frishman
The Missing "Harrison" Table Clock...............180-9
Andrews, Anthony, of London, brass founder.....621
Angerstein, Reinhold Rücker, travel diary, 1753–55.847-8
Anglesey Abbey, Cambridgeshire...................471
Ansell, George, of London, senior and junior,
  watch and clock spring makers......................481
Ansonia Clock Company................................595
Antikythera mechanism
The Antikythera Mechanism,
  lecture by Prof. Mike Edmunds...................123-4
  papers on.............................................552
Antipope, Nicholas V................................29
Antiquarian Horological Society, see AHS
Antiquarian Horology................................382, 672, 673
Digitisation of the Journal..........................682
Disposal of Journals, letter from Jack Larkin.....416
Antiquarian Horology, continued,
Editorial Advisory Panel............................119, 682
editorship of Jeff Darken...........................588
indexing of............................................114-15, 673-4
Journal Indexes on-line..............................120-1, 244
printing of..............................................114, 673
The Referee System....................................119, 682
Antram, Joseph, of London.........................842, 843
apparent time, see dial, apparent time; dial, solar time
Applebee, G.............................................545
Applebee, Michael......................................244
talk on turret clock database........................840
Aratowsky, Bernard, translation of Heron Mechanica;
by Conrad Dasypodius, ................................811-12
Archer, Malcolm........................................637
archive, preservation of researcher’s .................403
Argyll, 2nd Duke of, watch with cipher................787
Aristotle, depiction of, sardonyx, on watch key......644
Arlot, Thomas, of Sunderland
  bracket clock, basket-top case, ¼ repeat...........411
  armillary clock, Song I-yong, of Koryo University..86
armillary sphere
Janvier, Antide, longcase, decimal dial.............309-10
armorial bearings
Bennett, Sir John........................................601
Bennett, Sir John, of London........................601
Lee family...............................................135
Norris....................................................747
Arnfield, Jim............................................407, 785
Arnold and Dent, of London
  observatory regulator, no. 308.................72, 624-30
  history of.............................................627
The History of Arnold & Dent Longcase
  Regulator No. 308, David Hambleton.............624-30
  minute hand, counterbalanced......................625
  pallets, adjustable jewelled.........................625
Arnold-Becker, Dr Alice..............................827
Friedberg – a centre of watch and clock making in
17th and 18th century Bavaria,
Dingwall-Beloe lecture, 2012, advertised............575
Arnold, John, and Son, of London, observatory regulator...71
Arnold, John, of London
  longcase regulator, month duration..............80
  pocket chronometer, no. 14.........................7
  watch, no. 1, keyless winding......................390-1
Arnold, John Roger, of London
  chronometer, pocket, no. 1871, Z+O balance......567
Arnold, of London
  observatory regulator..............................71
  watch, (Swiss made)....................................392
Arnott, Phillip
Constant Force Chronometer, No. 1,
  Attributed to Paul Garnier.........................46-69
  letter from Anthony Randall.......................262
Arnoux, of Paris, cartel timepiece, ¼ repeat.........431
Arsenius, Walter (Gualterus), of Leuven (Louvain)...34-5
Art Deco design.........................................195, 196
Aspreys (printed as Ospreys), carriage clock.........125, 263
astralabe.................................................831
  illustration of, c. 1450...............................33
  astrolabic clock, see astronomical clock

Antiquarian Horology 864
Astronomer Royal
2nd, Edmond Halley...........................................533
3rd, James Bradley..........................109, 118, 380, 414
5th, Nevil Maskelyne.........................118, 119, 258, 414
6th, John Pond..............................................119
7th, Sir George Biddell Airy 118, 119, 414, 688, 815, 826
8th, Sir William Christie.........................414
9th, Sir Frank Dyson.................................414
10th, Sir Harold Spencer Jones, FRS............464
14th, Sir Arnold Wolfendale, FRS........116, 380-1, 676
Astronomer Royal for Scotland
2nd, Charles Piazzi Smyth.............................247
astronomical clock (see also regulator, observatory)
Astronomical Clocks in Observatories of the World and their Makers, 1670–1850: a modified list, by Jürgen Ermert.................70-88
appronomical clock, by
de Dondi, Giovanni, of Padua...............................35
Janvier, Antide, longcase, decimal dial...............309-10
Norton, Eardley, of London.............................259, 408
Turriano, Gianello, of Cremona.........................35
Watson, Samuel, of Coventry............................259
Atherton, Thomas, of Warrington, clock case maker...474-5
maker’s mark.......................................................474
atomic clock.....................................................256
Arwood, Seth G.................................................305
Auber, Robert, of London, watchmaker................481
Auch, Jacob, of Seeberg and Weimar
Handbuch für Landuhrmacher..............................732
observatory regulator........................................72
Audemars, Louis, of Switzerland......................602
Augsburg
Maximilian museum...........................................827
Schaezler Palace..................................................827
visit to.............................................................827
Austria, horology in.......................................104-5
automaton
Automates et Merveilles, exhibition..................454-6
Design and Construction of Automata and Singing
Birds, lecture by Dr John Moorhouse...............248
Diana on a Stag, drinking vessel, Augsburg, c. 1615...538
rocking ship, musical movement.......................637-42
Silver Swan......................................................456
automaton clock
Black Forest.....................................................813
moving-eye.......................................................122
automaton clock, by
Borrell, Henry, of London,
musical table clock, Chinese market....................445
Lovelace, Jacob, of Exeter, ‘Exeter clock’..............496-8
Pyke, George, of London, organ........................296
Smith, Samuel, of London, musicians, longcase.......20
Wylandt, Nicolaas, of Amsterdam, seascape.........369
automaton watch...........................................729
Du Bois et fils, of Le Locle, musical, double-face......167
Ayres, Chris, Clock Case Restoration, lecture.........127

B
Bacon, Edward....................................................478
baffle, separating weight from pendulum.............626, 627
Bagley, Matthew, of London, founder....................621
Balnbäude case (cuckoo clock)......................528
Bailey, Chris.....................................................798
Bailey, of Salford, turret clock
Cragg Vale, W. Yorkshire.................................130
small timepiece, gravity escapement..................545
Bailie, G.H.........................................................180
Bain, Alexander..............................................393
Alexander Bain, lecture by John Hunter.............833
Baines, Dr Harry..............................................458, 459, 461, 465, 466
 Baird, of London, observatory regulator..............72
Bakelite
electrically-rewound mantel clock.....................195, 196
use in industry...............................................195
Baker, Gregory L., Seven Tales of the Pendulum
reviewed (short notice)......................................368
Baker, Henry, of London, observatory regulator.......72
Baker, Henry, of Malling, Kent
longcase clock, 30-hour..................................485, 486
Baker, John, of South Petherton, turret clock.........124
Baker, Paul H.J., 1929–2011
collection of horological tools...........................24
obituary, by Ian Greaves and Rodney Law............24
Bakewell, mining of rottenstone in.....................848
balance, compensation
Arnold ‘Z’.........................................................404
Arnold ‘Z+O’......................................................567
Middle Temperature Error and Chronometers,
lecture by David Veitch.................................683-4
Pennington’s double-L.......................................202
three-armed.....................................................50, 63
balance spring...................................................810
vase shaped..................................................50, 62, 64-5
balance, without spring, timekeeping of..............387
ball-bearing drive.........................................409-10
Ballin, Juan, see Vallin, Johannes, from Flanders
Balzhazar, Henri, of Paris, observatory regulator.....72
Banister, Joseph
chronometer, marine, no. 1..............................48
escapement, constant force..............................48
bankruptcy, in English horological trade, 1720–1849
chart.................................................................669
lecture by Dr David Bryden, advertised..............669
Bannister, Henry, of Lichfield
bracket clock, painted dial, calendar in arch.........436
Barber, Jonas, of Winster
casting mark...................................................610
longcase clock, mahogany, lunar, pre-numbered.....12
Barlow, William, of King’s Lynn
lantern clock...................................................12, 154, 292, 444, 568, 720
barometer, double tell-tale hand, banjo.............286
barometer, angle, Polti, Charles, of Exeter..........163
barometer, by
(unattributed), Louis XVI, carved and gilt........274, 702, 849
Lynch, James, of Dublin, satinwood, stick..........161
Polti, Charles, of Exeter,
angle, perpetual calendar, thermometer...........163
barometer, by, continued.

Wood, Edward George, of London, banjo with double tell-tale..........................286
Barr, Mrs Wendy..............................114, 386, 673
From the Secretary.....................................................680
Secretary’s Notes.......................................................243, 823
Barraud and Lund, of London chronometer, marine, no. 2/717..................200, 201
Barraud, of London chronometer, marine
8-day, now signed Dent no. 19680........199-206
acceleration of rate.............................203
box..............................................................200, 201
daily and weekly rates tabulated..........204
dial and hands........................................200, 201
evaluation of present performance......201, 203-6
movement..................................................201, 202
temperature compensation..............201, 203, 204
no. 780, 8-day..................................200-1
no. 957......................................................200-1
nos. 548, 692.................................200-1, 206
two mainsprings, Arnold Z-balance.....404
Design and Precision of a Small Eight-Day
Chronometer by Barraud, A.D. Stewart..........199-206
observatory regulator.........................72
no. 1190.......................................................72
barrel, hanging........................................787
barrel, longcase, construction of........409
barrel, tandem...........................................678
barrel, twin mainspring......................652-3
Barrett, Henry, of London.....................842
Barrington, Daines.................................249
Barrow, Christopher
The Verge Pocket Watch: Its History, Development
and Maintenance, reviewed..................366-8
Barrow, W., and Lovelace, W., of London, trade card..............500
Barwise, John, of London, patent, with Alexander Bain...833
Barwise, of London
 carriage clock, (spurious)......................411
longcase clock, mahogany domestic regulator....716-17
basket-top case bracket clock, by
Arlot, Thomas, of Sunderland, ¼ repeat........411
Closen, Bernardus van der, of The Hague......678
Cuff, James, of London, kingwood..........164
Gretton, Charles, of London..................843
Massey, Edmund, of London, ¼ repeat, timepiece.....283
Norton, Eardley, of London....................412
Bassett, William, of Swansey, longcase clock,
calendar, lunar, tidal indications, lacquer case.....151
Bateman, Douglas A.................................676
For your further reading.........................140-1, 268, 270, 416-17,
549-50, 694-5, 701, 844
Bateman, Michael I.................................457, 458
Bateman’s Manufactory (emery wheels)
visit to (by BHI, in 1875 and 1877)..............215
battery, earth........................................833
battle of Westrozebeke.........................28
Baudin Frères, of Geneva, watch lorgnette.....227-8
Baumšmitsch, Maximilian, of Vienna
observatory regulator..........................72
Beaujour, Félix.........................................807

Bebb, Richard........................................574
Beck, Richard, of London, lantern clock........12
Beer, Jost de, of Amsterdam, watch.............544
Beha, of Eisenbach...................................528, 813
Beha-Uhren, Kuckucksuhren von J.B. Beha ..., by Wilhelm Schneider, reviewed.......527-8
Behaim, Caspar, table clock.....................538
Belgium
Clock & Watch Making in Belgium, 1300–1830,
by Eddy Fraiture and Paul van Rompuy.........27-45
map, relationship to Burgundian Netherlands...27
bell
‘pork pie’, used by Knibb......................805
signalling ‘last orders’ and drinking-up.......487-8
use of to signal time and control..............487
bell founder..............................................616
Ainsworth, George, of Warrington.............332
clock bell founder.......................482, 483, 615, 616
clockmaker and bell founder.................614
Drury, James, of London.........................615
Green, James, of London.........................482
Hunter, Thomas, of London.....................615
Mayor, John, of London.........................615
Newton, Samuel, of London.....................482
Romley, Robert, of London......................482, 615
Saunders, James, of London [Sanders]...........615
Weare & Savill, of London.......................621
Whitechapel Bell Foundry.......................622
video of..................................................545
visit to................................................689, 835-7
Bell, Geoffrey H.......................................462
Bell, Dr John..............................................259
Bell, Joseph, of London
watch case maker.................................809
watchmaker...........................................481
Belvedere Tavern, Clerkenwell.................207
Belville, Ruth...........................................825
Bence, Stephen, of London, watchmaker......481
Bennet, Hon. George...............................458
Bennett, Professor J. A. (Jim).....................178
James Short, telescope maker, and his support for
John Harrison, lecture, advertised..............819
portrait.................................................819
Bennett, Sir John, of London....................600-1
advertising panache..............................601
armorial bearings....................................362
Benoi, Michael, missionary......................55
brief life and features of work...................69
marine chronometer, no. 1......................69
Benoi, Pierre, of Versailles.......................55, 69
Benson, James W., of London...................596
carriage clock, giant, porcelain panels (Drocourt).....723
Bent, Colin...............................................129, 438
death of announced.....................................590
portrait.....................................................6
Benzenberg, Johann, astronomer..............364
Berg, Torsten and Peter.........................847
Beringen, John, Horloges van Nederlands
Uurwerkmakers, reviewed......................663, 664, 815
Black Forest, continued,
Schwarzwalduhren: Sammeln, Restaurieren, Bewahren, by Heinrich Engelman reviewed..............812-13
Blackett, Professor Patrick, PRS........................................677
blog, AHS........................................................................382-3
Bits from the Blog, Martin Ridout.................................681-2
Blundell, Trevor
City of London Turret Clock project, lecture..................255
Blunt, Charles, of London, watchmaker..........................481
Boad, Thomas, of London, brass founder ......................615
Bodenmann, Laurence, and Ludwig Oechslin
Philadelphia 1876 .... , reviewed.....................................365-6
bolection moulded doors
bracket clock, Gerard, John, of London.........................17
Bolton, John, of Chester-le-Street, Felixkirk, Northallerton and Durham.........................841
Bond, William Cranch, of Boston
observatory regulator.........................................................72
Bonfa, Jean, of Marseilles
life of..................................................................................222
Bonta, William K............................................................46, 52
book, facsimile reprint, Elliott, Henry, of London,
The Clock-Maker’s Assistant . . . (1726).........................295
reviewed............................................................................523-4
Baker, Gregory L.
Seven Tales of the Pendulum, (short notice)...............368
Barrow, Christopher, The Verge Pocket Watch: Its History, Development and Maintenance........366-8
Beringen, John, Horloges van Nederlands Uurwerkmakers..................663, 664, 815
Bodenmann, Laurence, and Ludwig Oechslin
Philadelphia 1876 .... , reviewed.....................................365-6
Craven, Maxwell
The Smiths of Derby, A Journey Though Time........518-20
Daniels, George
All in Good Time: Reflections of a Watchmaker .............814
Watchmaking, 2011 edition, brief review.........................107
Dasypodius, Conrad, Heron Mechanicus: ... (Argentorati, 1580, translation).........................811-12
Elliott, Henry, of London
The Clock-Maker’s Assistant . . . (1726).........................523-4
Engelman, Heinrich, Schwarzwalduhren:
Sammeln, Restaurieren, Bewahren..............................812-13
Fléchon, Dominique, The Mastery of Time ..............809-10
Fox, Gary, Canada’s Master Watchmaker – Henry R. Plaxton and the Canadian Horological Institut, note of online review........665
Fritsch, Peter, “Wiener” Reisuhren / “Viennese” Travelling Clocks..............................................104-5
Hammond, Claudia, Time Warped.................................666
Helmore, Dee, A Quest for Perfection: The Life of John Gottfried Ulrich, chronometer maker.................815
Hooper, Martyn Allan
19th Century Gaydon Clock and Watch Makers.....106-7
Hopp, Peter M., Pocket-watch slide rules.........................664-5
Kahler, Helmut, “Dem Uhrenfreund zudosle” – Verstreute Beiträge zur Geschichte der Uhr........528-30
book review, continued,
Mazyarkin, Gennadiy, and Vladimir Yudkevich
Graciously Bestowed … The Gift, Presentation and
Prize Watches of the Russian Empire, Book 1…….234-5
Meis, Reinhard
A. Lange & Söhne – Great Timepieces from Saxony,
Volumes I and II, note of online review…………..666
Miles, R.H.A. (Bob), Synchronome,
Masters of Electrical Timekeeping…………………..102-4
Miller, Justin J., Rare and Unusual Black Forest
Clocks, note of online review…………………665
Mole, John, The Sultan’s Organ –
The Diary of Thomas Dallam, 1599………………813-14
Oestmann, Günther, Heinrich Johann Kesels ………363-4
Peeters, Cees, Hollandsche Horloges………………..664-5, 815
Pook, Les, Understanding Pendulums, (short notice)…………….368
Säbrä, Jean-Claude, The Self-Winding Watch……….652-3
Automatic reactions … by Joseph Flores……….653-63
Schmid, Hans-Heinrich, Lexikon der Deutschen
Uhrenindustrie 1850-1980………………….524-6
Schneider, Wilhelm
Beha-Uhren, Kuckuckuhren von Johann Baptist
Beha und seinen wichtigsten Konkurrenten……….527-8
Frühe Kuckuckuhren – Entwicklungsgeschichte……526-8
Shaw, Matthew, Time and the French Revolution –
The Republican Calendar, 1789 – year XIV…………520-3
Spittler, Tom, American Clocks, An Introduction…….530
Treffiy, Timothy and Amry (eds)
BHI 150 – a Seminar …………………….105-6
Vost, John, Channel Island Clockmakers 1680-1830…..666
White, Ian, English Clocks for the Eastern Markets … 806-8
Boom, Christiaan Jozef van, of Venlo
lecture on, by Ruud Mestrom……………………………413
Borrell, Henry, of London……………………………..808
table clock, musical and automaton………………….445
Bostock, Joshua, bracket clock, ¼ chiming (conversion)……….122
Boucher, Achille Jacques', of Paris, observatory regulator……72
Bouffier, of London, English dial, verge timepiece………718
Boüilau, Ismaël, astronomer (1605–1694)……………356
Huygens’ letters to…………………………………………348-50, 352
Boule marquetry case
French mantel clocks, near pair……………………376, 377
part and counterpart………………………………….678, 679
Boulton, Matthew, Soho (Birmingham) manufactory……540
Bourdon, Thomas, of Soho, watchmaker………………481
Bourges, cathedral……………………………………….174
Bowell, G.B………………………………………………..102
Boyle, Alison…………………………………………………125
Bozek, Joseph, of Prague, observatory regulator…….…72
bracket clock (see also mantel clock; table clock), by
Arlot, Thomas, of Sunderland, ¼ repeat………………411
Bannister, Henry, of Lichfield
painted dial, calendar in arch………………………….436
Borrell, Henry, of London, musical and automaton………..445
Bostock, Joshua, ¼ chiming (conversion)………………..122
Brufler, of Paris……………………………………………409
Cattell, William, London, ¼ repeat, alarm timepiece…….727
Coleman, John, of London, musical automata………..300
Constantin, John, of London……………………………710
Cuff, James, of London, kingwood, basket top case…….164
Curteens, William, of London……………………………296, 436
bracket clock, by, continued,
Dunlop, Andrew, of London, grande sonnerie……….293
Dunster, Roger, of London, calendar and lunar…………724
Dwerrizhouse, John, of London, mahogany three-paid…..569
Francis, George, of London, ebonised, ¼ repeat………..291
Fürstenfelder, Benedikt, of Friedberg
chiming, complex calendar and lunar………………..575
Gerrard, John, of London, ¼ repeat, ebony…………….17
Graham, George, of London, ¼ repeat, ebony……………721
Gravell, of London…………………………………………412
Gretton, Charles, of London……………………………..294
basket-top case……………………………………………843
Hine, Thomas, of London……………………………..411
Hodges, Nathaniel, of London, walnut…………………150
Jones, Henry, of London………………………………….686
¼ striking silver mounted……………………………...730
Joudain, William, of London………………….………...232
five subsidiary dials…………………………………….232
mahogany………………………………………………232
musical, repeating………………………………………233
Kipling, William, of London, ¼ repeat, turtleshell…….436
Knibb, John, of Oxford
¼ repeat, ebony alarm timepiece…………….8, 724
ebony………………………………………………………447
Knibb, Joseph, of London
¼ repeat………………………………………..152-3
grande sonnerie double-6, skeleton chapters………432-3
Lowndes, Jonathan, of London
¼ repeat ebony timepiece………………………441
Massey, Edmund, of London
¼ repeat, timepiece, basket top case…………………283
Norris, Joseph, of Amsterdam…………………………677
Norton, Eardley, of London
basket-top case……………………………………...412
no. 1198, ¼ chiming…………………………………122
Oostrom, Anthonie van, of Amsterdam…………………369
Patterson, of London, ¼ repeat………………………..684-5
Prior, Robert, lancet top………………………………412
Pyke, George, of London, automata, organ………….296
Quare, Daniel, of London
¼ repeat, ebony……………………………………….450
¼ repeat, ebony, calendar in arch…………………...165
Scarfe, William, of London [Scarf?] strike-silent and calendar in arch…………………..434
Scrivener, Edward, of London (painting)………………648-9
Sommersall, George, of London………………….……484
Speakman, Thomas, of London……………………….568
Tompion, Thomas, and Edward Banger, of London
no. 436, grande-sonnerie……………………………257
Tompion, Thomas, of London
timepiece, ¼ repeat………………………………….156
timepiece, ¼ repeat, alarm, ebony……………………170
no. 15, ¼ repeat, alarm timepiece………………….257
no. 121, ¼ repeat…………………………………….148, 560
no. 205, ¼ repeat…………………………………….560
no. 285, miniature striking and repeating…………….280
Ward, Robert, of London
silver, gilt mounts, ¼ striking, alarm………………….22
Windmills, of London
¼ repeat timepiece, offset date………………..562
Wood, Robert, of London, mahogany bell-top, repeat. 571
Brady, James, Astronomer Royal.............109, 118, 380, 414
Bradshaw, Thomas, of London, watch manufacturer.........481
Brahe, Tycho.................................117-18
Bramer, William, of Zwolle, longcase clock, c. 1685.............413
brass founder, table of London clock trade suppliers..........615
Brass, Thomas, of Guildford, observatory regulator.........73
Brecknell, William..........................808
Breguet, Abraham Louis, of Paris..................304, 653
automatic winding, development of.....................662
carriage clock, no. 2354, burr elm, grande sonnerie....708
chronometer, marine
  no. 428, constant force escapement...............53
  escapement, constant force.................47, 48, 53
features of work..................................53-4
watch...............................................708
automatic winding..................................659
watches, various..................................298
workers for, Heinrich Johann Kessels...............363, 364
Breguet Certificates, letter from David Newman.........548
Breguet, Emmanuel..............................53
Breguet et fils, of Paris
astronomical clock, no. 291, Janvier Invit et Fecit...309-10
Breguet, Louis Antoine, of Paris..................54, 68
Breguet, Louis Clément............................54
Breguet, of Paris, observatory regulator........73
Breton, Sir William, 1st Baronet..................91
Bretheron, Lancashire, Bank Hall..................334
Brewster, Sir David.............................475
Brice, Andrew, of Exeter, newspaper publisher..........494
Bridgewater, 3rd Duke of........................330, 332
Bridgewater, 3rd Duke of........................330, 332
Briggs, John, of London, brass founder...............615
Brinson, Clive.....................................315
Bristol, brass, rolled, production in..................612
British Horological Institute..................457-9
Antiquarian section..................................382, 457-8
  activities 1950–52..............................461-2
Bulletin.............................................462-5
bye-laws..........................................458
committee.........................................458-9, 461, 462
  social background............................459-60
dissolution.........................................465-6
formation of......................................457-8, 732
holding of property................................461-2
Belvedere Tavern, Clerkenwell.......................207
BHI 150, (2008 seminar), proceedings, reviewed......105-6
  list of contributors...........................105
BHI Carriage Clock Forum..........................309
On Excursion and On Song: The BHI Views
  new Technology in the 1870s and 1880s,
Alun C. Davies..................................207-20
excursions, 1874–1878..........................207-16
excursions, 1883–1889..........................216-20
Harrison project (RAS regulator replica).............26
Horological Club at headquarters, 1879–1892.........216
musical evenings, 1879–1892......................216
Northampton Square headquarters...................207
relationship with AHS............................467-8
Turret Clock Forum..................................400
12 September 2012..................................456, 839
British Horological Institute, continued,
  Upton Hall, visit to, by
    American members............................261
Turret Clock Group.................................839
British Telegraph Manufactory, visit to (BHI, 1875)......210
British United Clock Company, Birmingham........607, 608
factory......................................................218-20
British Watch Case Marks, letter from Philip Priestley......691
Brockbank, John, of London, observatory regulator.......73
Brodie, Louis Achille, of Paris
  perpetual calendar mechanism....................539
Bronson, John, of Stowmarket, longcase clock,
  30-hour posted-frame, casting marks on...........611, 614
Brooks, John, of London, watchmaker...................481
Brooks, R.C...........................................766-7
Broom, John, of Exeter..................................494
Brown, Andrew, of Edinburgh
  longcase clock, month-going, ebony and rosewood....719
Brown, David........................................543, 690
  lecture report....................................250
Brown, Edward.....................................54
Brown, Monsieur Georges.............................304
Bruce, Alexander, 2nd Earl of Kincardine.............246, 357
Bruges, turret clock in 1344..........................28
Bruguiére, tabatière...............................248
Brulé.....................................................56
Brulfer, of Paris, bracket clock.......................409
Brumhead, of Stamford, longcase clock, 30-hour, casting
  marks on.............................................611
Brusa, Giuseppe
  death of announced..............................24
  list of published writings.......................173-4
  obituary, by David Thompson....................172-4
  portrait of........................................172
Brussels, turret clock in 1362..........................28
Brutton, Charles....................................496-7
Bryden, Dr David J.
  Bankruptcy and insolvency in the English horological
    trade, 1720–1849, lecture, advertised...............669
  news items, London, 1762........................552
  portrait..............................................669
Bryson, of Edinburgh
  observatory regulator...........................73
  turret clock.......................................545
Buck, Paul..........................................227
Buckney, Thomas, junior, of London.................627
  pendulum, compensating.........................624, 627-8, 826
Buckney, Thomas, senior, of London...............625-6, 627
Bulkeley, Thomas, 7th Viscount.....................319-20, 321
  portrait of.........................................320
Bull, Edmund, of London...........................246
Bullock, Christopher, of London, observatory regulator...73
Bulova, Accurton......................................679
Bundock, Mike......................................255
  book on Margate Time Ball......................733
Burdon, Andy, An Appreciation of European
  Turret Clocks, lecture............................840
Bürgi, Jobst, of Kassel.............................118, 688
  observatory regulator..........................73
Burgundy, Dukes of
Charles the Bold (1433–1477)........................................32
clocks mentioned in inventories................................30
decimation of collections circa 1488........................32-3
luxurious courts of..................................................29-34
Philip the Bold (1342–1404).........................................28, 29
Philip the Good (1396–1467)........................................39, 30, 32, 33, 35
surviving clocks formerly belonging to......................30-2
clock on loan to British Museum................................30, 32
Nürnberg Burgunderuhr..............................................30-2
Philip the Handsome (1478–1506)..............................30
Burlington House, The AHS at Burlington House,
editorial, by Dr Peter de Clercq..................................303
Burt, James, of Exeter..................................................496
Buschmann, Hans, of Augsburg
table clock...................................................................258
year duration.............................................................348
business card, Shiers, Albert H., of London...............491
Busenburch, Herman....................................................30
clock on loan to British Museum possibly by............32
Butcher, Ray, lecture report.........................................127
Butenop, of Moscow, turret clock..............................375
Butt, Jonathan
The Hipp-Toggle electro-mechanical clock, short talk....688
Butterfield, Thomas, of London................................842
Buxton, David............................................................412-13

cabinet maker (see also clock case maker)
Channon, John, bookcases, Powderham Castle.........498-500
Channon, Ortho........................................................499
Morison & Co., of Edinburgh.....................................121
Caesar, Julius.............................................................811
Caffieri Masse, pasteboard clock.............................223
Caird, Sir James..........................................................360
calendar, annual
French mantel clock..................................................579
calendar dial, see calendar indication; dial, annual calendar
calendar, French Republican......................................520
abolition........................................................................522
introduction and adoption...........................................521-2
calendar indication
dual Gregorian and Julian, longcase clock................168
Eichstedt, Johan, of Gdansk, table clock, horizontal....19
Geraets, Michael, of Hasselt, mantel clock................43
unusual offset position, Windmills, of London.........562
unusual pin drive for................................................80-101
calendar indication, bracket clock, by
Bannister, Henry, of Lichfield, calendar in arch.........436
Constanit, John, of London.........................................710
Curteen, William, of London....................................296
Dunlop, Andrew, of London, grande sonnerie...........293
Dunster, Roger, of London...........................................724
Dwerrihouse, John, of London, mahogany three-pad...569
Ellicott, John, junior, of London, walnut, ¼ repeat....439
Francis, George, of London, ebonised, ¼ repeat..........291
Fürstenfelder, Benedikt, of Friedberg.........................575
Garrard, John, of London, ¼ repeat, ebony.................17
Graham, George, of London, ¼ repeat, ebony.............721
calendar indication, bracket clock, by, continued,
Gretton, Charles, of London......................................294
basket-top case..........................................................843
Jones, Henry, of London, ¼ striking silver mounted....730
Kipling, William, of London, ¼ repeat, turtleshell....436
Knibb, John, of Oxford
¼ repeat, ebony alarm timepiece.......................8, 724
ebony......................................................................447
Lowndes, Jonathan, of London, ¼ repeat timepiece.....441
Quare, Daniel, of London
¼ repeat, ebony..........................................................450
ebony, calendar in arch............................................165
Searle, William, of London [Scaife?] strike-silent and calendar in arch.................................434
Scrivener, Edward, of London (painting)..................648-9
Windmills, of London, ¼ repeat timepiece...............562
Wood, Robert, of London
mahogany bell-top, repeat.................................571
calendar indication, day, date, and month
Dunster, Roger, of London, bracket clock...............724
Fürstenfelder, Benedikt, of Friedberg.........................575
Lovelace, Jacob, of Exeter, ‘Exeter clock’.................496-8
Wyland, Nicolaas, of Amsterdam............................369
calendar indication, day, date, month and year
Sarton, Hubert, of Liège, mantel clock.....................44
Wyland, Nicolaas, of Amsterdam............................369
calendar indication, desk compendium
Cole, Thomas, of London, no. 1512.........................9
calendar indication, in arch
Bannister, Henry, of Lichfield, bracket clock...........436
Kipling, William, of London, bracket clock, ¼ repeat..436
Quare, Daniel, of London, bracket clock, ebony........165
Searle, William, of London [Scaife?], bracket clock....434
stoelklok (stool clock)................................................252, 253
Thomas, John, of Crewkerne, longcase clock...........566
Wyland, Nicolaas, of Amsterdam............................369
calendar indication, longcase clock, by
Agar, John, of York..................................................737
Barber, Jonas, of Winster, mahogany, pre-numbered...12
Bassett, William, of Swansea, longcase clock...........151
Brown, Andrew, of Edinburgh
month-going, ebony and rosewood........................719
Clement, William, of London
bird and flower marquetry case..................................437
Fromanteel, Ahasuerus, of London.........................428, 560
Graham, George, of London......................................168
no. 707, walnut..........................................................430
Gretton, Charles, of London
¼ striking, bird and flower marquetry......................284-5
Grimes, William, of London
walnut and marquetry, day, date and zodiac............12
J P, unusual calendar wheel........................................97-101
Kenyon, William, of Liverpool, 30-hour, ebonised....447

Antiquarian Horology

870
calendar indication, longcase clock, by, continued,
Knibb, Joseph, of London ........................................ 560
ebony, month duration, Roman striking.................. 4-5
Leigh, William, of Newton-le-Willows.................. 469-70, 471-2, 474-5, 478
Lindsay, George, of London................................... 168
Ogden, Thomas, near Halifax................................. 292
Quare, Daniel, and Stephen Horseman, of London
no. 221, walnut...................................................... 727
Quare, Daniel, of London.......................................... 714
month duration, walnut and brass-mounted......... 11
walnut and marquetry........................................... 586
Savage, G., of Huddersfield, 30-hour, oak case, lunar... 13
Smith, Samuel, of London, musical, automata......... 20
Thomas, John, of Crewkerne.................................... 566
Tompion, Thomas, of London
no. 385, walnut, month duration......................... 564-5
no. 504, walnut..................................................... 289
walnut, month duration, ‘J.P. Morgan’................. 856
Windmills, Joseph, of London
mulberry veneer, month duration.......................... 568
calendar indication, saints’ days......................... 252, 253
calendar, manual
Cole, Thomas, of London, no. 1127, strut timepiece.. 577
calendar, perpetual
American parlour clocks......................................... 539
Brocot, Louis, Achille, of Paris............................ 539
Citizen, quartz solar powered watches................ 539
electro-mechanical, twentieth-century.................. 539
Lovelace, Jacob, of Exeter, ‘Exeter clock’............. 496-8
Perpetual Calendar Clocks, lecture by Gaius Coleman.. 539
Polti, Charles, of Exeter, angle barometer............. 163
Quare, Daniel, and Stephen Horseman, of London
longcase clock, year duration......................... 539
Call, Jan van, of Nijmegen

carillon, Delft....................................................... 743
pendulum wall clock dated 1657 (disputed)............. 128, 354
‘The Greatest Horological Discussion
Piece in the World’,
editorial, by Dr Peter de Clercq......................... 731
The Screws in the van Call Clock,
by Michael T. Wright.......................................... 762-74
conclusions......................................................... 773-4
earlier laboratory report damming to clock........... 762-5
earlier report unreliable................................. 763-4, 769, 770-2, 774
equipment used to examine................................ 767
groups of similar threads................................. 772-3
identifiably modern screws............................... 769-70
introduction......................................................... 762-5
making of screws............................................... 764-7
pendulum rod rating screw................................. 767-9
results................................................................. 767-73
several screws illustrated................................. 770
table of all threads.............................................. 771
table of identifiably modern screws.................. 769
symposium on
editorial, by Dr Peter de Clercq......................... 731
report by S.B. de Save........................................ 178-9

Call, Jan van, of Nijmegen, continued,

pendulum wall clock dated 1657 (disputed), continued,

The Wall Clock Dated 1657 Signed
Jan van Call, by David Thompson......................... 739-61
amplitude scale.............................................. 745, 746, 750, 751, 756
back of case................................................... 745
brass, analysis of............................................ 754
bushing.............................................................. 751, 753-5, 756
case................................................................. 742-5, 742-7
case engraving.................................................. 746-7
case opened showing hinged back........................ 743
conclusion......................................................... 761
dial and hands............................................... 742, 747-50
features and general observations...................... 739, 742
general views................................................... 740-1
gilding............................................................... 745, 747, 751
inscription......................................................... 750, 751, 753
lock................................................................. 747
modern history and display............................ 739
motion work.................................................... 757-8
movement........................................................... 750-61
pendulum......................................................... 758-61
plates and frame.............................................. 750-1, 752-3, 755
repair marks....................................................... 754
scratches on movement.................................. 751, 753, 754
signature............................................................. 739, 742
suspension cheeks.......................................... 760, 761
train and wheelwork....................................... 756-8
Camener, Andrew............................................... 506
Camerer Cuss (see also Cuss)
Camerer Cuss Datelines, Terence Camerer Cuss,
note................................................................. 506-8
labels................................................................. 507-8
premises and telephone numbers........................ 506-7
selling dates and code........................................ 506-7
Camerer, Kuss & Co.......................................... 506-8
label of............................................................... 508
Camerer, Kuss, Tritschler & Co.......................... 506-7
label of............................................................... 507
Campbell, Gregor
lecture and meeting reports............................... 247, 404-5, 483-4
visit report.......................................................... 121-2
Campiche, Henry, of Geneva, use of electricity........... 679
Canada’s Master Watchmaker – Henry R. Playtner and
the Canadian Horological Institute, Gary Fox
note of online review........................................... 665
candlestick, with timepiece................................. 409
car clock, Spijker-car.......................................... 544
Carcel, le jeune, of Paris
watch, no. 420, self-winding, oscillating mass........ 654
Carew, Miss Mary, of Crowcombe, portrait........... 495
Carew, Thomas (1702–66), M.P........................... 496
Carey, Peter, novelist............................................ 456
carillon (see also musical clock; tune barrel)
Bradford, City Hall............................................... 129-30
Delft................................................................. 743
Manchester, Town Hall........................................ 211
St Peters burg, Peter and Paul fortress.................... 375
Carr, Val, obituary of Derek Higginson FBHI........... 175-6

871 VOLUME THIRTY-THREE
carriage clock

Carriage Clocks, lecture by Ron Rose...........................................124-5
exhibition of various...........................................................................711
two-plane lever escapement.................................................................409
carriage clock, by
Barwise, John, of London, (spurious)........................................411
Benson, James W., of London
phantom porcelain mounted (Drocourt).............................................723
Breguet, Abraham Louis
no. 2354, burr elm case, grande sonnerie, alarm............................708
Dent, of London, double fusee repeating...........................................166
Drocourt, of Paris, giant porcelain mounted.................................723
François, Edouard, of Paris
chronometer remontoire.................................................................440
Frodsham, Charles, of London
giant month timepiece, no. 1/FMSS..............................................21
McCabe, James, of London
no. 2960, striking, hour repeat.........................................................577
Yonge, George, of London, (spurious).............................................411
Carrington, Richard, of London, watchmaker.................................481
Carstens, of Bremen, observatory regulator.........................................73
cartel clock, by Arnoux, of Paris, ¼ repeat timepiece..................431
Carter, Andrew
composer of chimes............................................................................734
Turret Clock-Makers, Newey, York, letter........................................691-2
Carter Wright Ltd.................................................................824
Carrier
alarm watch.......................................................................................405
strut timepiece...................................................................................582
Cartier, Alfred, wrist-watch, Santos.................................................410-11
cartellogie, see pasteboard
case, lantern clock, c. 1685.................................................................555
case, longcase, c. 1685........................................................................
case maker, see clock case maker; watch case maker
Cassini, Gian Domenico.................................................................222
Casson, Henry, tour report............................................................256-61
casting mark.......................................................................................609-10
Ainsworth, George, of Warrington...................................................474
AT, Thwaites, Aynsworth and John, of London.............................609-10
Barber, Jonas, of Winster.................................................................610
bell.....................................................................................................622-3
DRURY..............................................................614
H&M, Handley & Moore, of London..............................................610
IB, IB W, Jonas Barber......................................................................610
IM and M..........................................................................................610-14
IM, M, and N, table of known clocks bearing..................................611
‘matchstick man’.............................................................................622-3
Mayor family, of Moorfields..............................................................479
Thwaites, Aynsworth and John, of London, AT............................609-10
Whitehurst, of Derby...........................................................................609
Cartell, William, of London
bracket clock, alarm timepiece, ¼ repeat........................................727
Caunt, Benjamin, prize fighter
myth of ‘Big Ben’ named after.........................................................514-15
Cawley, Robert (I), of Chester.........................................................96
centre-seconds hand, see dial, centre-seconds
Ceulen, Jan van, of The Hague (Johannes)
observatory regulator.......................................................................73
watch...............................................................................................538

The Challenge and Excitement of Research
lecture by Andrew King.................................................................402-4
Champion, John, of London
watch, agate case, Chinese market................................................539
champlevé dial, see dial, champlevé
Channel Island Clockmakers 1680–1830, John Vost
reviewed............................................................................................666
Channon, John, cabinet maker
bookcases, Powderham Castle......................................................498-500
Channon, Orth, cabinet maker.......................................................499
Chapelain, Jean, of Paris.................................................................354
Chapelle, Kenneth...........................................................................684-5
guiding visit to clocks at Lauriston Castle.................................121-2
Chapio, Adolphe, sale of collection advertised...............................298
chapter ring
attachment by screws.......................................................................748
Dutch style.......................................................................................122
every minute numbered, Knibb, Joseph........................................432-3
silver..................................................................................................835
chapter ring, skeletonised, bracket clock
Cloesen, Bernardus van der, of The Hague........................................678
Knibb, Joseph, of London, grande sonnerie...............................432-3
Chapuis, Alfred, and Jaquet, Eugene
History of the self-winding watch
(book, 1952)...................................................................................653, 655, 657, 659, 660, 662
Chard, visit to, by Midlands Section...............................................124
Charles Alexander, Prince of Lorraine (Charles, Duke of)..............656
Charles V, Holy Roman Emperor (Charles I of Spain)....................40
court and Flemish clockmakers......................................................34-8
Charost, Jean-François, of Paris, observatory regulator.................73
Chapertier, mantel clock..................................................................378
Chatham, Margaret...........................................................................540
cheeks, cycloidal.............................................................................252
Cloesen, Bernardus van der, of The Hague........................................678
Huygens, Christiaan..........................................................................742, 761
cheeks, suspension, not cycloidal
Call, Jan van, of Nijmegen...............................................................760, 761
Cheetham, John.................................................................................574
Chicago, Columbian exhibition, 1893..............................................607
The Chimerical English Pre-Huygens Pendulum Clock,
by Sebastian Whitestone..............................................................281, 347-58
chiming, quarter (see also striking, quarter)
Bostock, Joshua, bracket clock (conversion).....................................122
Leigh, William, of Newton-le-Willows
mahogany longcase........................................................................469-70
mahogany musical longcase.............................................................471-3
Norton, Eardley, of London
no. 1198, bracket clock.................................................................122
skeleton clock.................................................................................584
world time.......................................................................................563
turret clock, York, newly composed............................................734
China, clockmaking in.....................................................................808
Chinese market................................................................................806-7, 834
bracket clock, Coleman, John, of London.....................................300
Chotard, Paul, of London, watchmaker............................................481
Christie, Sir William..........................................................................414
chronograph, drum.........................................................................119
Dent, of London...............................................................................414
chronometer, carriage clock
François, Edouard, of Paris.............................................................440
Frodsham, Charles, of London, month, no. 1/FMSS.................21
chronometer, marine
accuracy.................................................................206
box and gimbals, French style..................................49
Design and Precision of a Small Eight-Day
Chronometer by Barraud, A.D. Stewart...........199-206
English pre-eminence in making..................597, 598, 599, 601,
602, 603, 608
Lieussou’s formula for rate.......................203, 205
makers, French, 1820–70, discussed.............46, 53-9, 66-9
The Marine Chronometer in the Age of Electricity
lecture by David Read.................................679
Middle Temperature Error and Chronometers
lecture by David Veitch.................................683-4
oven and ice box for testing.........................310
Paris Observatory trials.........................67-9
precision, assessment of.........................203-5
use for navigation............................................810
winding of eight-day.................................205
chronometer, marine, by
Banister, Joseph, no. 1.................................48
Barraud, of London.......................................199-206
two mainsprings, Arnold Z-balance.............404
Benoit, Achille-Hubert, no. 1.........................69
Dent, M.F., of London, no. 26727, 8-day........3
Dent, of London............................................8
no. 19680, 8-day, originally by Barraud.........199-206
Frodsham, Charles, of London
no. 2519.....................................................164, 446
no. 3489, two-day......................................434
Garnier, Paul, of Paris (attributed to), no. 1..46-64
erasure of signature..................................63-4, 65
reasons for attribution................................62-5
Hamilton Watch Company................................679
Johannsen, Asmus & Co., of London, no. 2747....435
Kline, Samanos & Co., of New York..............595
Kullberg, Victor, of London
no. 3715, (Joseph Sewill no. 3729)..................7, 602
Leroy, of Paris, Chronostat III.......................679
Matheson & Co., of Leith, no. 3019..............155
Mercer, Thomas, Ltd, of St Albans..............589-90
Negus, Thomas, & Co., of New York..............595
Sewill, Joseph, of Liverpool, no. 5729 (Kullberg)...7, 602
Ulrich, John Gottfried, of London, book review.........815
Wempe.....................................................122
type 907.....................................................679
chronometer, pocket, by
Arnold, John, of London, no. 14......................7
Arnold, John Roger, of London
no. 1871, Z-O balance...............................567
Bickerton..................................................404
Daniels, George, of London.........................305
Dent, of London, tourbillon, full calendar........296
chronomètre de voyage, Pons, Honoré.............58
Chronométraphila...........................................551
Chronophage, clock by Dr John C. Taylor........244, 256
appreciation of.......................................25-6
no. 1 (Corpus Christi College, Cambridge)........25
no. 2.....................................................25
manufacture and use of ball races................25
chronoscope...............................................252
Hipp, Matthaus...........................................252

church clock, see turret clock
Cipra, Jim.......................................................256
Clark, Edward, of London, watch and clockmaker..481
Clark, Robert, of London, watch and clock spring maker..481
Clarke, George, of London.............................668
Clarke, Stephen.............................................96
Clavière, Etienne..........................................522
Clay, Charles, of London
Mechanical Music and the Organ Clocks of
Charles Clay, lecture by Richard Higgins........834
Naples clock (organ)....................................834
organ clock..................................................259
Claypole, Gretton charities.............................842
Cleaton, Martin
AHS Student Bursary 2011..............................373
portrait of..................................................373
Cleghorn, Samuel, of London, watchmaker.........481
Clement, William, of London
longcase clock, bird and flower marquetry case........437
Clements, Anthony, of Mildenhall, turret timepiece....840
Clerkenwell, Belvedere Tavern..........................207
Clifford, Derry.............................................248, 408
tour report, Somerset....................................124
Clifton, Thomas, of London............................842
Clinch, Thomas, of London, lacquer clock-case maker.......481
label, handwritten......................................484
longcase clock..............................................484
cloc llaw (hand clock)...................................632-3
clock (see also under type of clock, as: alarm c.;
aristonomical c.; automaton c.; bracket c.; carriage c.;
electric c.; lantern c.; longcase c.; mantel c.; musical c.;
regulator; table c.; tavern c.; turret c.; wall c.)
clock and watch fairs, see fairs, clock and watch
clock case maker (see also cabinet maker)
Atherton, Thomas, of Warrington..................474-5
Clinch, Thomas, of London, lacquer case maker....481, 484
Roentgen...................................................827
clock, depicted in painting by
Breughel, Jan, the Elder, and Peter Paul Rubens......41
Holbein, Hans................................................542
unknown, of Edward Scrivener.......................648-9
clock, early..................................................835
clock, formerly property of
Clairét, Arcadian.............................................42, 43
de Condé, Louis Joseph, Prince.....................377-8
Leopold I, King of Belgium............................42, 43
Philip the Good, Duke of Burgundy (1396–1467)...30-2
clock, industrial.............................................388
clock, iron domestic
15th century, foliot........................................831
forgery of.................................................335
German....................................................122-3
German, c. 1500–10, copy............................826-7
German?, Gothic, early use of warning.............781-3
hooded wall alarm, Somerset, c. 1640...............835
lancert clock, West Country, 17th century............835
A Large European Iron Chamber Clock,
by John A. Robey.........................................123, 335-46
alterations to.............................................341, 342, 343-4
frame construction....................................337-8, 346
wheel construction....................................339
clock, iron domestic, continued.
   varying characteristics throughout Europe........339, 345-6
   clock, lifecycle of, survival of clocks.................254
   Clock of the Long Now..............................................256
   clock, ormolu case, Boulton, Matthew......................540
   clock, ownership of...................................................529-30
   clock, savings.............................................................834
   clock, synchronous electric
      decline of..................................................................492
      introduction of..........................................................488-90
      invention of..................................................................491
      value addition by special features............................490-1
   clock-watch...................................................................828

Bennett, Sir John
   no. 2478, minute repeating grande sonnerie.............601
   German, unsigned, alarm............................................168
   clockmaker, in his workshop, magic lantern slide...561, 650-1
   Clockmakers, Worshipful Company of..................246, 404, 591, 815
      acquisition of Harrison papers.................................453
   museum.......................................................................258-9
   website update............................................................552

Clocks and Timekeeping, lecture by Jonathan Betts......386-8
Clocks of Patek, A. J. Turner...........................................221-6
Clockwatching at the Foundling Museum, Su Fullwood...738
The Clockworks..............................................................258, 303, 381, 673
Cloesen, Bernardus van der, of The Hague
   bracket clock, basket-top, skeleton chapter ring........678
   Cloesen, Jacobus van der, of Leiden
   observatory regulator.................................................73
   Closon, Peter, of London, lantern clock....................568, 720
   balance (reconversion).................................................835
   ‘matchstick man’ casting marks...................................622, 623
   Clowes, Philip..............................................................457-8
   Clutton, Cecil (Sam)......................................................304, 305, 306
   Bugatti saloon car..........................................................307
   coat of arms, see armorial bearings
   Coates, Wells, architect..............................................195

Cobb, Kenneth, Electrical Time Signals from the
   Royal Observatory, short talk.................................688
   Cockburn, Hon. Sir John..............................................393
   Cockwill, Hugh............................................................676
   Colbert, Jean-Baptiste.................................................547
   Cole, Richard, of Ipswich, 30-hour posted-frame clock....614
   Cole, Thomas, of London
   desk compendium, no. 1512........................................9
      strut timepiece
         8-day, retailed by Viner......................................577
         no. 850.................................................................158
         no. 1127...............................................................577
      tripod timepiece......................................................572
   Coleman, Gaius, Perpetual Calendar Clocks, lecture......539
   Coleman, John, of London
   bracket clock, musical automata..................................300
   Collandon, Professor....................................................592
   Collanges, Françoise......................................................824
   The beginnings of electrical horology
   in France, 1840–1860, short talk.................................688
   collection
   Belmont, Kent..............................................................260

Castella Sforzesco.............................................................173
Chapio, Adolph..............................................................298
Clockmakers, Worshipful Company of....................249
Daniels, George, sale of advertised............................585
Foster, Mr Ingham.........................................................249
Franck, Bernard.............................................................560
Gebhardt, Karl.................................................................832
Grange, Michael...........................................................574

The Grange Collection: the Thirty-Hour Clock,
   Dingwall-Belo lecture, 2011, advertised.......................13

Handel, Gerald Coke collection.....................................738
Harris.................................................................260
Kupelwieser, Ernst.........................................................781
Lever, Sir Ashton..........................................................249
Marfels, Carl...............................................................538
Metzenberg, Leopold.................................................123, 335-6, 346
Nye, James.................................................................258
Odmark, Albert I............................................................43
Prestige, S.E.................................................................786
Price, F.G. Hilton..........................................................538
Rosenborg, Copenhagen.............................................547
Royal.................................................................133, 135, 408, 574
Sandberg.................................................................361
Savoia.........................................................................173
Sloane, Sir Hans............................................................249
Sobek.........................................................................87
Spitzer, Frédéric............................................................250
Sussex, Duke of, Prince Augustus Frederick..............249
Vaux, William.............................................................38
Vehmeyer.................................................................38, 251
Wetherfield.................................................................133

Collier, John, of Eccles.................................................330
Collins, Dr Mark...........................................................799

Compartment, desk
   Cole, Thomas, of London, no. 1512..............................9
      compensation, barometric pressure,
         see pendulum, compensating (barometric)
      compensation, temperature (see also balance, compensation;
         pendulum, compensating (temperature))
         acting on balance spring, Arnold, John, no. 1........390-1
      Centoise clock, month duration..................409
      Condill, James, of Liverpool..........................497
      Condorcer, Nicolas, Marquis de.........................657
      Connor, W. A.
         lecture report..................................................122-3, 405-7
      portrait of...........................................................26
      conservation
         AHS Conservation Project........................................243-4
         issues in electrical items......................................838
         Silver Swan..........................................................456
      Constantin, John, of London, bracket clock............710
      contacts, metals for, platinum, silver, nickel-silver....103
      Cook, Captain James.................................................403, 533
      Cooke & Sons, of York, wheel-cutting engine...........596
      Cooke, Oliver............................................................116, 767
      The Life and Times of Edward East, lecture..............486-7, 543
      Cooke, Thomas, of York.............................735, 828-9
      turret clock, Kelbrook, Lancashire.......................130
      Cooper, Thomas, of London, brass founder............620-1
D

da Vinci, Leonardo

Leonardo da Vinci and the Earliest Known Clocks

with Watched Striking, John A. Robey..................775-85
Madrid Codex, vol. I, 27v..................................775, 776-9
Dafydd, Huw ap, reference to clock .........................631
Dalgleish, John, of Edinburgh, longcase clock ...........684
Dallam, Thomas, of London.................................807
diary..................................................................813-14

The Sultan’s Organ – The Diary of
Thomas Dallam, 1599, by John Mole, reviewed......813-14
van Dam, Dr, of the Rijksmuseum..........................132
Daniel Quare 324, Terence Camerer Cuss..............786-90
Daniels, George.................................................262, 810

All in Good Time: Reflections of a Watchmaker,
3rd ed., reviewed................................................814
Breguet certificates formerly belonging to..............548
chronometer, pocket..........................................305
collection, sale of..............................................301
adverts..................................................................301, 585
date of announced..............................................172
escapement
co-axial..............................................................305
independent double-wheel.....................................305

George Daniels: An Appreciation,
tribute, by Andrew Crisford...............................306-8

The George Daniels Educational Trust,
letter from David Poole........................................692
honours..................................................................306
letter describing David Torrens.............................306-8
obituary, by Andrew Crisford..............................306-9
portrait of............................................................301, 304, 307
replica of first watch............................................409
retrospective exhibition........................................306, 308
vintage cars, love of..........................................304, 307, 308
watches..................................................................304-6, 307, 308, 409, 585
‘Space Traveller’..................................................305

Watchmaking, 2011 edition, brief review.................107
watchmaking philosophy.....................................304
wrist-watch, Millennium series............................306
writings.................................................................306
Darby, Abraham......................................................847
Darken, Dr Jeffrey (Jeff).......................................116, 825
An interesting thirty-hour clock c. 1745 signed J P...97-101
obituary, by Ken Shenton....................................588-9
correction............................................................733
portrait..................................................................588

Remembering Jeff Darken, Dr Peter de Clercq........587
Darlington, Nathan.................................................129-30
Darnell, Poul

Isaac Thuret Copies of Greenwich Clocks?, letter......547-8

day, month indication, see calendar indication
de Clercq, Dr Peter............................................116, 673, 682, 738, 825
article on carved shop signs...............................735
bok review..........................................................107, 666, 815
(short notice).........................................................368

The clock-maker at his bench, Picture Gallery.....561, 650-1

Editorial

The AHS at Burlington House................................303
The AHS Website, worth a visit...........................451
A Clock found and Lost.......................................171

The Greatest Horological Discussion Piece
in the World”.......................................................731

An International Outlook......................................23

Remembering Jeff Darken....................................587

For your further reading.........................143, 272, 699-700, 700

Journal Indexes on-line......................................120-1

The Referee System..............................................119

Referees..............................................................682

Salomon, not Samuel, letter.................................416
de’ Medici, Prince Leopoldo..................................348, 350
de Save, S, B (Brian)..............................................116, 676
The Jan van Call Clock Symposium....................178-9

lecture report..116-19, 246-7, 380-1, 537-9, 676-9, 825-6
St Roche’s lecture, 2011.................................24-6

de Viet, Claude, of London, see Viet

Deacon, Samuel, of Barton-in-the-Beans

longcase clock, 30-hour.......................................409

Death, figure of.....................................................746-7
date, announcement of

Bent, Colin (1946–2012)......................................590
Brusa, Giuseppe..................................................24
Daniels, George..................................................172
Hingley, Peter (1951–2012)..................................590
Pouille, Emmanuel.................................................24
Turner, Gerard L’Strainge (1926–2012)...............590
Debaurfe, Peter & Jacob, of London, patent...........789
décadé.................................................................520, 521-2
decimal dial clock................................................522

Janvier, Antide, longcase, armillary sphere............309-10
Ridal, of Paris.......................................................523
decoy, duck, Lache, Chester...............................91-2

Dee, John.............................................................34, 35
Delaney, John, of London, watch engraver.............481

Davies, Alan C..................................................................................308
book review..............................................................815

On Excursion and On Song: The BHI Views

New Technology in the 1870s and 1880s.................207-20

Horology at International Industrial Exhibitions,
1851–1900...........................................................591-608

for details of article, see under exhibition

Davis, Aubrey, of London, brass founder...............615
Davis, C.H...............................................................203
Davis, Peter..............................................................794
Dawson, Percy G...........................................383, 457, 458, 459, 463, 464, 465, 466
(see also Percy Dawson Medal)
portrait of...............................................................385

Day, John E.

obituary, by Philip Priestley.................................176-8
portrait.................................................................177

Davies, Alun C.................................................................308

Davis, Aubrey, of London, brass founder...............615
Davis, C.H...............................................................203
Davis, Peter..............................................................794
Dawson, Percy G...............................................383, 457, 458, 459, 463, 464, 465, 466
(see also Percy Dawson Medal)
portrait of...............................................................385

Day, John E.

obituary, by Philip Priestley.................................176-8
portrait.................................................................177
day of month indication, see calendar indication
de Clercq, Dr Peter............................................116, 673, 682, 738, 825
article on carved shop signs...............................735
book review..........................................................107, 666, 815
(short notice).........................................................368

The clock-maker at his bench, Picture Gallery.....561, 650-1

Editorial

The AHS at Burlington House................................303
The AHS Website, worth a visit...........................451
A Clock found and Lost.......................................171

The Greatest Horological Discussion Piece
in the World”.......................................................731

An International Outlook......................................23

Remembering Jeff Darken....................................587

For your further reading.........................143, 272, 699-700, 700

Journal Indexes on-line......................................120-1

The Referee System..............................................119

Referees..............................................................682

Salomon, not Samuel, letter.................................416
de’ Medici, Prince Leopoldo..................................348, 350
de Save, S, B (Brian)..............................................116, 676
The Jan van Call Clock Symposium....................178-9

lecture report..116-19, 246-7, 380-1, 537-9, 676-9, 825-6
St Roche’s lecture, 2011.................................24-6

de Viet, Claude, of London, see Viet

Deacon, Samuel, of Barton-in-the-Beans

longcase clock, 30-hour.......................................409

Death, figure of.....................................................746-7
date, announcement of

Bent, Colin (1946–2012)......................................590
Brusa, Giuseppe..................................................24
Daniels, George..................................................172
Hingley, Peter (1951–2012)..................................590
Pouille, Emmanuel.................................................24
Turner, Gerard L’Strainge (1926–2012)...............590
Debaurfe, Peter & Jacob, of London, patent...........789
décadé.................................................................520, 521-2
decimal dial clock................................................522

Janvier, Antide, longcase, armillary sphere............309-10
Ridal, of Paris.......................................................523
decoy, duck, Lache, Chester...............................91-2

Dee, John.............................................................34, 35
Delaney, John, of London, watch engraver.............481
Delpine.................................................................................56
dial, constant force.........................................................48
Deift, carillon......................................................................743
demonstration
Hatt, John, Practical Lathe Work........................................684
McKay, C. G. (Chris), lacquerer........................................545
Denison, Edmund Beckett (Lord Grimthorpe), see
Grimthorpe, Edmund, 1st Baron
Dent, E. & Co., of London....................................................627
records..............................................................................627
Dent, Edward John, of London..........................................683
observatory regulator......................................................74
no. 1317...........................................................................630
no. 1906...........................................................................414
Westminster clock, see Westminster, Great Clock
Dent, Elizabeth, of London................................................626
Dent, M.F., of London
chronometer, marine, no. 26727, 8-day.........................3
Dent, of London
 carriage clock, double fusee repeating.........................166
 chronometer, marine.....................................................8
no. 19680, 8-day, by Barraud, described and
present performance evaluated.....................................199-206
observatory regulator, no. 1906..............................119, 626, 627
quarrel with Frodsham, 1867........................................598
turret clock, Chislehurst..............................................401
watch
no. 30666 (Nicole, Nielsen)........................................217, 218
spring detent, tourbillon, full calendar.........................296
Deranton, Claude and Joseph, of Nancy............................837
Derham, William..........................................................357-8
Dermer, Johan Michael, of Ochsenhausen
observatory regulator....................................................74
Desbois, of London
oven and ice box for chronometer testing.....................310
Design and Precision of a Small Eight-Day
Chronometer by Barraud, A.D. Stewart............................199-206
desk clock (see also compendium, desk; strut timepiece)
Girard-Perregaux, of La Chaux-de-Fonds
“Reform” electrically-rewound movement.....................149, 198
Desvergnes, Frédérique....................................................65
Detouche, Constantin, early electric clocks.....................688
Deutsche Gesellschaft für Chronometrie.........................525-6, 682, 826
Jahreschrift 2011.............................................................551-2
library..............................................................................832
dial, 12 hours twice.........................................................35-6, 496-8, 512, 548
dial, 24-hour.....................................................................784
da Vinci, Leonardo, drawing............................................779
Lindsay, George, of London, longcase, year duration.....548
Lovelace, Jacob, of Exeter, ‘Exeter clock’.....................496-8
swinging clock...............................................................512
Troestenberch, Nicolaus (Claus) Van, of Brussels
horizontal table clock.....................................................35-6
dial, annual calendar
Leigh, William, of Newton-le-Willows
longcase clock..................................................................469-70
musical longcase clock...................................................471-2
Sarton, Hubert, of Liège, mantel clock.........................44
dial, anti-clockwise........................................................335, 343-4
dial, apparent time see dial, solar time
dial, solar time
French mantel clock........................................579
Sarton, Hubert, of Liège, mantel clock.............44
dial, strike/silent, bracket clock
Coleman, John, of London, musical automata clock...300
Curteen, William, of London..............................296-436
Dwerrhouse, John, of London, mahogany three-pad...569
Elliot, John, junior, of London, walnut, ¼ repeat....439
Fürstenfelder, Benedikt, of Friedrichberg.............575
Gerrard, John, of London, ¼ repeat, ebony...........17
Graham, George, of London, ¼ repeat, ebony.......721
Quare, Daniel, of London, ¼ repeat, ebony.........450
Scarfe, William, of London [Scafe?].....................434
Tompson, Thomas, of London, no. 285, miniature....280
Ward, Robert, of London.................................22
Wood, Robert, of London, mahogany bell-top, repeat.571
dial, strike/silent, longcase clock
Bassett, William, of Swansea................................151
Quare, Daniel, and Stephen Horsemann, no. 221....727
Smith, Samuel, of London..................................20
dial, sunrise and sunset
Eichstedt, Johan, of Gdansk, table clock, horizontal...19
Lovelace, Jacob, of Exeter, ‘Exeter clock’..............496-8
Sarton, Hubert, of Liège, mantel clock................44
dial, text for chapters.......................................709, 840
dial, three-hour.................................................748
dial, tidal, dual port..........................................737
dial, tidal, longcase clock by
Agar, John, of York, dual port.............................737
Bassett, William, of Swansea...............................151
Leigh, William, of Newton-le-Willows.................469-70, 471-2
Pasture, François, of Amsterdam........................369
dial, touch-pins
pomander watch.............................................297, 726
swinging clock................................................512
dial, ‘trick’ or ironic painting on.........................846-7
dial, tune selection, musical longcase clock
Leigh, William, of Newton-le-Willows....................472
Smith, Samuel, of London, movement.................20
dial, up-and-down
Barraud, of London, marine chronometer, 8-day.....200
Daniels, George, pocket chronometer....................305
François, Edouard, of Paris
  giant chronometer carriage clock........................440
Froodsham, Charles, of London
  carriage timepiece, month duration, no. 1/FMSS....21
dial, velvet-covered
Call, Jan van, of Nijmegen.............................741, 742, 747-8, 749
Clesens, Bernardus van der, of The Hague............678
Jones, Henry, of London, bracket clock, silver mounts.730
dial, world time
Sarton, Hubert, of Liège, mantel clock...............44
skeleton clock, 11 subsidiary dials, chiming........563
dial, year and century
Sarton, Hubert, of Liège, mantel clock...............44
dial, zodiac signs
Grimes, William, of London, longcase clock.........12
one-wheel clock..............................................253
stoelklok (stool clock).....................................252
Diana the Huntress
repoussé case, on watch by Claude Viet of London...542-3
diaries, source of research material......................402-3
Dickens, Charles.............................................734
Dickinson, Briony.............................................220
Digitisation of the Journal.................................682
Dingley, Robert, of London, longcase clock, marquetry...686
Dingwall-Beloe lecture
1989, first.....................................................173
1998..............................................................812
2010, Clock & Watch Making in Belgium, 1300–1830,
  by Eddy Fraitte and Paul van Rompay...............27-45
2011, The Grange Collection at the British Museum:
  English Provincial Clockmaking 1695 – 1840:
  The Role of the Thirty-Hour Clock,
  by Michael Grange, advertised.........................13
2012, Friedberg – a centre of watch and clock making
  in 17th and 18th century Bavaria,
  by Dr Alice Arnold-Becker, advertised.............575
Dirac, Paul Adrien Maurice.................................117
Disraeli, Benjamin............................................515
Dittisheim, Paul, use of electricity......................679
Dobie, John......................................................412
Adhesive for Horology, short talk.......................688-9
lecture report..................................................250, 411-12, 544
Dobson, Richard Donald, views on Huygens disputed...352-3
de Dondi, Giovanni, astrarium
given by Farrant Gonzaga to Charles V..................35
manuscripts describing.......................................175
replica, Paris Observatory....................................175
Donegan, John, of Dublin.....................................594, 595
Dorset Clock Society..........................................176
Dove, Ron.......................................................519
Dowd, Steven....................................................478
Downes, John, of London, watch finisher...............481
Dowshire, Marchioness of, Breguet certificate for......708
Drabble, Joshua, of London, observatory regulator.....74
Drebbel, Cornelius, inventor and optician.............348
Driscoll, Clive..................................................127
Drocourt, of Paris, carriage clock, giant, porcelain panels...723
drop dial clock, see wall clock
Drover, Charles B..............................................467, 468
portrait of.......................................................385
Droz, Yves, Watch winding keys, Picture Gallery........643-7
Drury, Dru, of London, jeweller.........................807
Drury, James, of London
  clock bell founder...........................................615
  lantern clock..................................................444
Drury, John, of London, clock and watch bell
  founder.........................................................614, 615
Du Bois et fils, of Le Locle
  archives.......................................................657-8, 659
  watch, automata, musical, double-face................167
Dubois, Louis, electrical timekeeper.....................679
Duchemin, Jean, of Brussels...............................35
Duchemin, of Paris...........................................66
Duclos, of Paris, pasteboard clock......................223-4
Ducommun, of Montpellier, observatory regulator.....74
Duke, Timothy, Chester Herald...........................787, 790
Duley, Anthony J. (Tony), Improved timekeeping
  in the pre-pendulum era, short talk....................688
Duller, Annet....................................................651
Dumas, Onésime, of St-Nicolas-d’Aliermont............. 55, 56
brief life and features of work.................................67
Dumont, Étienne....................................................522
Dumontier, of Argenteuil........................................68-9
Dunlop, Andrew, of London
bracket clock, grande sonnerie..............................293
Dunlop, Reverend Roger......................................178
Dunn, Richard and Lavinia Maddaluno
A Time-Telling Telescope..................................359-62
Dunster, Roger, of Amsterdam and London
bracket clock (London), ebonised, calendar and lunar. 724
Frison spring clock, (Amsterdam)............................678
Frisonian wall clock, (London made).......................678
duration, see long duration; short duration
Dutch clocks
Dutch clocks in the 18th century – a split from the English style, lecture by Michiel van Hees..............678-9
The English influence on Dutch clockmaking
during the last quarter of the 17th century,
lecture by Hans van den Ende, snr and jnr.............677-8
Dutch Section, see AHS, Dutch Section
Dutch watches, books reviewed...............................663-4, 815
Dwerrihouse, John, of London, bracket clock, mahogany. 569
dyfalu (Welsh figurative writing).............................631
Dyson, Sir Frank.......................................................414

E
Earnshaw, Thomas, of London, observatory regulator....74
East Anglian Section, see AHS, East Anglian Section
East, Edward, and Ahasuerus Fromanteel..................748
East, Edward, of London
burial....................................................................543
The Life and Times of Edward East,
lecture by Oliver Cooke........................................246-7, 543
East India Company..............................................806, 807, 808, 834
Eastcote(t), Richard, of Exeter.................................494
Eastern markets
Chinese market.....................................................834
table clock........................................................300
English Clocks for the Eastern Markets,
book by Ian White.................................................404
advertised..........................................................668
reviewed...........................................................806-8
eBay, misinformation spread on.........................389-92
Ebsworth, John, of London
lantern clock, 3-train chiming.................................408
Edinburgh and Glasgow Time Balls, Time Guns, and
Controlled Public Clocks, lecture by Dr Roger Kinns......247
editorial, by Dr Peter de Clercq
The AHS at Burlington House.................................303
The AHS Website, worth a visit............................451
A Clock Found and Lost........................................171
The Greatest Horological Discussion Piece in the World..731
An International Outlook.................................23
Remembering Jeff Darken.................................587
Edmunds, Professor Mike......................................552
The Antikythera Mechanism, lecture.......................123-4
Edward VII, King, ‘Big Ben’ tolled following death of...801-2
Edwardes, Ernest I ...............................................469
views on Huygens disputed..................................352-3, 354
Edwards, Richard
The Invention of the Wrist-watch, lecture..................410-11
Edles, Howard.........................................................65
Eichstedt, Johan, of Gdansk, horizontal table clock,
annual calendar, moon, sunrise and sunset.............19
Eiffé, John Sweetman, of London..........................683
Einstein, Albert..........................................................117
Eisenegger, Killian...................................................305
Eisenlohr, Friedrich, architect.................................528
electric clock (see also AHS, Electrical Horology Group)
Battery Insertion Movements,
lecture by John Howell and Martin Ridout............129
The Beginnings of Electrical Horology in France,
1840–1860, Françoise Collanges, short talk.............688
The Electric Remontoire, David Read.....................190-8
Electrical Timekeeping, lecture by James Nye.........392-5
Ericsson, bakelite, Supremo movement....................195-6
Garnier, Paul, of Paris
master clock..................................................191-2
slave clock......................................................191, 192
German battery-powered, various..........................122
Hettich.................................................................122
The Marine Chronometer in the Age of Electricity,
lecture by David Read...........................................679
Pauwe’s patent.......................................................252
Schild et Cie, “Reform” movement...........................149
Wheatstone, Sir Charles.........................................209
Electric Telegraph Company..................................688
electricity, Early Electric Research, lecture by Tim Hunkin..686
Elkin, Lucas..........................................................395
Ellesmere, Earls of..................................................331
Ellicott, John, of London, observatory regulator........74, 826
Ellicott, John, junior, of London
bracket clock, walnut, ¼ repeat...............................439
observatory regulator...........................................74
Elliott, F.W. Ltd, of Croydon, RAF sector clock.........687
Elliott, Henry, of London
The Clock-Maker’s Assistant (1726), facsimile...........295
reviewed.............................................................523-4
Elliott, John, of Plymouth, tavern clock...................286
Ellis, Griffith, of London,
brass founder to clock trade..................................481, 615, 618-19, 620
trade card..........................................................618
Emerton, John, of London, watchmaker...................481
emery wheels, Ransome’s patent............................215
Emmerson, Gerhart, Augsburg, mechanical celestial globe. 538
enamel
H. Hart – Enamellers to the Trade,
lecture by Peter Bill.................................................687-8
techniques of....................................................687
enamel-cased watch, see watch, enamel
Ende, Hans van den, senior..................................251
awarded Salomon Coster Medal................................544-5
The English connection – the English influence on
Dutch clockmaking, lecture.................................677-8
French Clockmaking 1660–75, lecture......................545
My first clock, talk.................................................544
Ende, Hans van den, junior.................................128
The English connection – English influence on
Dutch clockmaking, lecture.................................677-8
Enfield rifle factory
visit to (by BHI, in 1875 and 1883.........210, 211-12, 216
Engelmann, Heinrich, Schauzwunduhren:
Sammeln, Restaurien, Bewahren, reviewed........812-13
English Clock Systems......................................................176
English dial, serif wall clock, English dial
engraver
Delaney, John, of London.................................481
Galle, Phillippus........................................747
Hilbert, John, of London...............................482, 485
Landells, Elizabeth........................................514
Scarr, Charles, of London..............................178
Somersall, Mandeville, of London........482, 484-5, 486
engraving, Bristol style, charmingly naive...........612
ephemera..............................................................403
Barrow, W., and Lovelace, W., of London, trade card..500
Camerer, Kuss & Co, labels........................506-7
Ellis, Griffith, of London, brass founder, trade card...618
instructions, printed..............................................412
Romley, Robert, of London,
clock and watch bell founder, trade card........483
Shiers, A.H., of London, business card.................491
Stainton, Joseph, of Birmingham
advertising card......................................................429, 501
Tompson, Thomas, of London, Directions ..............7
equation kidney, Sarton, Hubert, of Liége, mantel clock....44
equation of time, serif dial, solar time
Erghum, Bishop Ralph........................................29
Ericsson, mantel clock, Bakelite, Supremo movement....195
Ermert, Jürgen, Astronomical Clocks in Observatories
of the World and their Makers, 1670–1850:
a modified list.....................................................70-88
Ernst, Petter, of Stockholm, observatory regulator....74
error, circular......................................................686
error, Middle Temperature Error and Chronometers,
lecture by David Veitch........................................683-4
escapement
anchor with rollers...............................................832
chaff-cutter..........................................................125
coaXial, Daniels....................................................305
constant force
Breguet, Abraham Louis..................................47, 48
Constant Force Chronometer, No. 1,
Attributed to Paul Garnier, by Phillip Arnott...46-69
letter from Anthony Randall..............................262
Cox, [G.F.?]..........................................................46, 48
detailed pictures...................................................50-1, 53
discussion of..........................................................46-8
distinguished from remontoire.........................46-7
explanation of operation.................................47, 52-3
Garnier, Paul, of Paris.................................59-62, 64
hammer and nail................................................47-8, 50-1, 53, 57-8, 262
makers of listed...................................................47-8
Pons, Honoré, models....................................57-8
cross-cutting.........................................................387
crank, De Chaise..................................................260
cross-beat............................................................688
Daniels independent double-wheel.....................305
deal-beat...............................................................398
escaped, continued,
deal-beat, continued,
jewelled pallets, continued,
Arnold and Dent, of London, no. 308........625
Knidworth, Johann Andreas, of Göttingen........1
lateral wheel.......................................................316, 323, 324
detached, Pons, Honoré..............................56
duplex, Molyneux, of London, watch, ¼ repeat......404
free swinging.........................................................840
gasshopper
Harrison, John.................................................26
Taylor, Dr John C..................................................25
gravity.................................................................398
70-88
double three-legged........................................214, 257, 839
two-plane..........................................................409
possible first example, 1858..........................401
four-legged..........................................................840
six-legged.........................................................254, 840
tic-tac.....................................................................340
fifteen-legged......................................................398
Harrison, John, modified verge.....................737
Knibbs, models by Michael Hurst....................246
verge and foliot......................................................831
development of......................................................406
non-Savage 2-pin.................................................406
oil bath for escape wheel...............................375
Perron, Louis, of Besancon, inverted recoil roller...224
pin-wheel.............................................................322
French mantel clock..........................................579
turret clock, South Muskham.........................839
Recordon, Louis, of London..........................660
evel..........................831
verge and foliot......................................................831
espionage, industrial, 18th century.................847-8
Essen, Louis.......................................................117
Etherington, George, of London, longcase clock.....737
EV, maker’s mark, iron-framed turret clocks.........124
Evalo, Hans de, of Brussels and Madrid.............38, 785
Evans, Jeremy......................................................623, 789
Evans, William Frederick, of Handsworth.........540
Evelyn, John.........................................................357
Everett Edgcumbe...............................................491
On Excursion and On Song: The BHI Views new
Technology in the 1870s and 1880s, Alun C. Davies...207-20
exhibition
Automates et Merveilles, three Swiss museums......454-6
British Clockmakers’ Heritage, 1952.................383-4, 461
French Expositions, 1827–1844.....................59, 64, 65, 66-9
Going Dutch, Zaandam, MNU.........................413
Great Exhibition, 1851.........................................497
Harrison and Frantamell clocks,
London, Science Museum.................................25
Horological Masterworks (2003)......................588
Horology at International Industrial Exhibitions,
1851–1900, Alun C. Davies.........................591-608
Cork and Dublin, 1852–3 and 1865.................594-5
The Great Exhibition, 1851.........................591-4
Inventions 1885 – Paris 1889, 1900 –
Chicago 1893......................................................605-8
exhibition, continued,
Horology at International Industrial Exhibitions, 1851–1900, Alan C. Davies, continued,
jury
The Great Exhibition, 1851........................592-3
Melbourne, 1880..........................604
Sydney, 1879..............................603
London, 1862..............................596-7
Melbourne, 1880........................604-5
New York, 1853..........................595-6
Paris, 1867.................................597-8
Paris, 1878.................................600-2
Philadelphia, 1876........................598-600
Sydney, 1879..............................602-3
Vienna, 1873...............................598
Huygens’ Legacy (2004)..................678
Keeping Time, York, Fairfax House.....736-7
La Misura del Tempo, Trento, 2005........173
Philadelphia 1876 – The American Challenge.......365-6
staged by AHS, 1956–2008..................386
Time & Place (2006–7)......................588
Time Machines, Oxford, Museum of the History of Science........309-10

F
factory
British United Clock Company, Birmingham........219
Gillett and Bland, of Croydon..................210-11
Fairhaven, 1st Baron (Huttleston Broughton)........471
Fairlamb, Neil...............................478
fairs, clock and watch
2011..............................................113
2012.............................................241, 372, 536, 672
2013..............................................822
Furtwangen, 2012............................813
Midlands, visited by American Section...........256
fake watches.....................................686
Falcke, Ms........................................230
Fallows, Fearon, astronomer....................837
false pendulum (on bracket clock, by)
Constantin, John, of London...............710
Curreen, William, of London..................296, 436
Dunlop, Andrew, of London, grande sonnerie....293
Ellicott, John, junior, of London, walnut, ¼ repeat........439
Francis, George, of London, ebonised, ¼ repeat......291
Fürstenfelder, Benedikt, of Friedberg.........575
Gerrard, John, of London, ¼ repeat, ebony........17
Graham, George, of London, ¼ repeat, ebony......721
Gretton, Charles, of London..................294
Kipling, William, of London, ¼ repeat, turtleshell....436
Lowndes, Jonathan, of London, ¼ repeat timepiece...441
Oostrom, Anthonie van, of Amsterdam.........369
Quare, Daniel, of London
¼ repeat, ebony..................................450
ebony, calendar in arch........................165
Scarfe, William, of London [Scaife?]...............434
Scrivener, Edward, of London (painting).........648-9
Tompion, Thomas, of London, no. 285, miniature...280
Windmills, of London, ¼ repeat timepiece..........562
Fanzago, Pietro..................................783
Farewell, John, of London.......................842, 843
Farran, John and Robert, of London, watch-chain manufacturer......481
Favre-Perret, Edouard
report on American watchmaking in 1876........599
Fell, Andrew...................................176, 287
Fellows, Richard................................65
Fellwöck (Fellweck), Johann George, of Würzburg
observatory regulator..........................74
Ferranti, alarm clock, mains synchronous.........405
Ferriday, Peter...................................515
Ferris Wheel timepiece..........................409-10
Fertbauer, Philipp, of Vienna
observatory regulator..........................74
Filling, Franziskus Salesius, of Freiburg
observatory regulator..........................75
film, Hugo.......................................410
Finch, William, of London, watchmaker............481
Finney, Joseph, of Liverpool
longcase clock, musical..........................407
Fisher & Sons, of London, wholesale watchmakers....481
Fisher, Daniel, & Son, of London, watchmaker....481
five-second marks, observatory, see dial, five-seconds marks
Flachet, E...........................................58
flail locking, see striking: flail locking
Flanders
Clock & Watch Making in Belgium, 1300–1830,
by Eddy Fraiture and Paul van Rompay...........27-45
effect of counter-reformation on clock and
watchmaking in.......................................41, 45
emigrant watchmakers from.......................40-1
emigration of craftsmen c. 1566 onwards...........40, 45
important area in early clockmaking...............28
Flannery, Dr Michael..........................126-7
Fléchon, Dominique
The Mastery of Time . . . reviewed..................809-10
Flores, Joseph..................................42, 652
Automatic reactions . . . to Jean-Claude Sabrier’s book 'The Self-Winding Watch'........653-63
Flower, Jonny, George Lindsay Clock, letter.......548
Flude, Joseph, of London, founder..................622
Foerster, Wilhelm, director of Berlin Observatory......825
florin
AHS logo.........................................384
timekeeping of...................................387
Fontaney, Jean de, mathematician...............221
For your further reading................................136-43, 268-72, 416-19,
549-51, 693-701, 732, 844-5
ANCAHA........................................136-7, 549
Bulletin of the British Sundial Society. 140-1, 268, 416-17,
549-50, 694-5, 844
Chronos. 150 Jahre Junghans.................143
Horlogerie Ancienne..........................137-8, 419
Horological Journal..........................141-3, 693-4, 845
Horological Science Newsletter...............270, 701
Klaud Uhren......................................272, 699-700
La Voce di Hora................................139-40, 271, 700
Tijdschrift.................................140, 271-2, 418-19, 550-1, 695, 845
Watch & Clock Bulletin......................138-9, 268-9, 417-18, 695-9
Forster, Dee......................................673
Fouchy, Jean-Paul Grandjean de..................657
Fromanteel, Ahasuerus II, of Amsterdam.................678
Hague clock.......................................................678
Fromanteel and Clarke, of Amsterdam, watch movement. 252
Fromanteel, John, of London.................................353, 677, 678
Frost, William, of Exeter........................................496-7
Fullwood, Su, *Clockwatching at the Foundling Museum*....738
Fünstefelder, Benedikt, of Aichach and Friedberg
bracket clock, chiming, complex calendar and lunar....575
Further Notes on Jourdain Clocks, Neil Andrew, note....232-3
fusee...............................................................810
illustration of, c. 1450........................................33, 34
reversed.........................................................68
Arnold, John, of London, no. 1.........................390-1
Fusoris, Jean......................................................174

G

Gailan, Joseph......................................................56
Galileo............................................................118, 356, 357
Huygens’ view on escapement..........................348-9, 350
Galle, Phillippus, engraver..................................747
Gallmayer, Joseph, of Munich, possibly inventor of
automatic winding watch.................................656, 657, 661
Gallonde, Louis-Charles (?), of Paris, observatory regulator.75
Gallonde, Louis-Charles, of Paris, regulator, portable....728
Gambrill, Philip..................................................675
Gannery, Victor..................................................56
brief life and features of work.........................67
Ganney, Henry....................................................56-7
directed musical evenings and sang at BHI...........216
‘modernist’ in BHI debate.................................208, 210
Gardiner, Ambrose, of London..........................649
Gardiner, William, of London, brass founder........615
Garnett, John, of London.................................842
Garnier, Paul, of Paris.........................................53

*Constant Force Chronometer, No. 1,*
Attributed to Paul Garnier, by Phillip Arnott........46-69
letter from Anthony Randall..............................262
early electric clocks.................................688, 689
escapements, constant force..........................59-62, 64
clocks with.....................................................59
life of...............................................................58-9
master clock, self-winding.............................191-2
portrait of.......................................................58
regulator, mantel.............................................59
signature, styles and titles used......................63-4, 65
slave clock.....................................................191, 192
Garnier, Paul, junior.........................................59, 60, 63, 66
Garon, Peter, of London, clock and watchmaker........481
Gascoigne, William, astronomer and instrument maker....118
Gatto, Martin......................................................837

*Tavern Clocks,* lecture.................................540, 837
Gautier, Alexandre..............................................56
Gaydon, Alexander, of Barnstaple.......................107
Gaydon family, *19th Century Gaydon Clock and
Watch Makers,* by Martyn Allan Hooper........106-7
Gaydon, Henry & Edwin, of Brentford and Richmond
 turret clock, Hanwell, London.........................107
Gaydon, Henry Martin..........................................107
Gaydon, John, of Barnstaple, wall clock, English dial....106
Gaydon, of Barnstaple, turret clocks...................107
gearing, wooden............................................................................813
Geist, Joseph (Josef), of Graz
observatory regulator, 24-hour indication..........................75, 76
observatory regulators.................................................................75-6
Gem, Thomas.................................................................................34
Genbrugge, Jean, of Flanders, and Vacherin Constantin
wrist-watch, ‘Mercator’.................................................................45
Genbrugge, Lucie, of Flanders......................................................45
Gent & Co., of Leicester.................................................................690
C7 movements.............................................................................129
waiting-train movement...............................................................399
George Lindsay Clock, letter from Jonny Flower.................548
George V, King, ‘Big Ben’ tolled following death of..............802
Geraets, Michael, of Hasselt, mantel clock...............................43
German clockmaking (see also Black Forest)
Lexion der Deutschen Uhrenindustrie 1850–1980
Hans-Heinrich Schmid, reviewed..............................................524-6
Germany, tour report, 17–24 September 2012.....................826-32
Gerard, John, of London, bracket clock, ¼ repeat, ebony..17
Gevril, Moyse.................................................................................653
Gheele, François van, of Antwerp..................................................41
Gheele, Glylis van, of London..........................................................40
watch, oval-cased..........................................................................40, 41
Ghent, turret clock in 1377............................................................28
Gibbons, Michael...........................................................................116, 249, 250, 676
lecture report..................................................................................411, 542-3
Gibbs, Sharon..................................................................................811
Gilbert, alarm clock.......................................................................405
gilding
absence of mercury in van Call clock.................................745
cold methods...............................................................................745-7
fire or mercury.............................................................................745
Gilkes, Richard, of Adderbury, hook and spike clock..........408
Gillett and Bland, of Croydon
factory.............................................................................................210-11
turret clock...................................................................................840
visit to (by BHI, in 1875)...............................................................210-11
Gillett and Johnston, Ltd, of Croydon
turret clock...................................................................................840
Bradford, City Hall........................................................................129-30
visit to (by BHI, in 1889).............................................................218
Girard-Perregaux, of La Chaux-de-Fonds
desk clock, “Reform” movement..............................................149, 198
Gisze, Jorg, Holbein portrait of.....................................................542
Glansuk, Christopher
London’s Public Clocks and Dials, letter.................................133
Glaville, John..................................................................................388
Glasby, John
lecture report...............................................................................124-5, 125-6, 410-11, 541-2, 686-7, 837
meeting report.............................................................................409-10
Glasgow, Edinburgh and Glasgow Time Balls,
Time Guns, and Controlled Public Clocks,
lecture by Dr Roger Kinns...........................................................247
Glasgow, David, of London.........................................................605
Glasius, Erik H.................................................................................544
Glauser, Hans...............................................................................406
Glauser, Sandra.............................................................................406
Global Positioning System (GPS)..................................................679
globe, mechanical celestial
Emmoser, Gerhart, of Augsburg.................................................538
Habrecht, Isaac, of Strasbourg.......................................................258
Glogler, Marcus............................................................................829
Gloverstone, area of Chester.......................................................90
God Save the King: The Automaton Ship and
Silver Shagreen Case, Brittany Cox...........................................637-42
history of tune..............................................................................639
new case made for.....................................................................................641-2
restoration.....................................................................................638-41
Godier, Alan, tour report, Russia, turret clocks.....................374-5
gods, on day of week dial
Bassett, William, of Swansea, longcase clock.......................151
Thomas, John, of Crewkerne, longcase clock.........................566
Golden Fleece, Order of, the neck-chain of.........................32
Goldsmiths’ Company, Edward East’s Wardenship of...........246
Golman, observatory regulator.....................................................76
Gonzaga, Guglielmo, Duke of Mantua
clock by Jean Vallin.................................................................38
Good, Edward..............................................................................227, 229
Good, Richard..............................................................................287
Gasford House, visit to..............................................................684-5
Gosnall, Peter.................................................................................220
For your further reading.............................................................138-9, 268-9
Stainton, Birmingham, letter.....................................................691
An Unmarked 8-Day Time and Striking
Spring Driven Movement...........................................................791-8
Gothic clock (see also iron domestic)........................................30, 32, 385
early with warned striking.........................................................781-3
frame construction..........................................................................346
German, unsigned.......................................................................257
Goullons, Lode
The Ransonet family of clockmakers, lecture..........................837
Gould, Christopher, of London..................................................481
lantern clock..................................................................................483
Gould, Lt-Cdr Rupert T............................................................46, 180, 182, 183, 190,
205, 263, 404, 453, 815
Gouloun, Jacques, of Paris, watch, enamelled case...............539
Gouriev, Mikhail.............................................................................244-5, 374, 376
portrait of......................................................................................245
Gout, Ralph, of London, clock, watch and pedometer
maker..............................................................................................481
Goye, Thomas...............................................................................222
Government Brass Foundry, Moorfield.....................................480, 621
Grace, David H..............................................................................652, 654
Graf, Dr Johannes.........................................................................527, 529, 825
Griffon, Thomas, of London, merchant.................................33
Graham, George, of London.........................................................75, 500
bracket clock..................................................................................721
George Graham, Watchmaker
lecture by Rory McEvoy.............................................................380
advertised......................................................................................109
lantern clock, no. 583, miniature alarm timepiece...............282
longcase clock
movement attributed to.............................................................168
no. 707, walnut..............................................................................430
longcase regulators
month duration, Marinoni’s observatory.................................77
observatory regulator...................................................................118, 826
nos. 621, 675...............................................................................76
travelling alarm timepiece...........................................................302
watch.............................................................................................390, 685
centre-seconds stop-watch.......................................................109
grande sonnerie, see striking, grande sonnerie
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Griffith, John</td>
<td>412</td>
</tr>
<tr>
<td>gyro-compass, Sperry</td>
<td>124</td>
</tr>
<tr>
<td>Gwydir Castle, early clocks at sale of</td>
<td>636</td>
</tr>
<tr>
<td>Guillaume, Dr C.E</td>
<td>608, 683-4</td>
</tr>
<tr>
<td>Gropengeisser, of Philadelphia, observatory regulator</td>
<td>76</td>
</tr>
<tr>
<td>Grimaldi, Peter, of London, observatory regulator</td>
<td>76</td>
</tr>
<tr>
<td>Griffiths, John, obituary of Frank Anthony Mercer</td>
<td>589</td>
</tr>
<tr>
<td>Green, William</td>
<td>688</td>
</tr>
<tr>
<td>Green, Samuel, junior, of London, watchmaker</td>
<td>481</td>
</tr>
<tr>
<td>Green, Thomas, of Liverpool</td>
<td>324, 324-4</td>
</tr>
<tr>
<td>Green, James, of London, lantern clock maker</td>
<td>481</td>
</tr>
<tr>
<td>Greenwich, Royal Observatory, see observatory: Greenwich</td>
<td>394, 826</td>
</tr>
<tr>
<td>Gregory, Jeremy, of London, lantern clock</td>
<td>12, 636</td>
</tr>
<tr>
<td>Gregory, John, of Coventry</td>
<td>597</td>
</tr>
<tr>
<td>Greig, Duncan</td>
<td>260</td>
</tr>
<tr>
<td>Gretton, Charles, of Liverpool</td>
<td>842</td>
</tr>
<tr>
<td>apprentices of</td>
<td>842</td>
</tr>
<tr>
<td>basic chronology</td>
<td>136</td>
</tr>
<tr>
<td>bracket clock</td>
<td>294</td>
</tr>
<tr>
<td>family</td>
<td>841-3</td>
</tr>
<tr>
<td>family tree mentioned</td>
<td>133</td>
</tr>
<tr>
<td>The Gretton Book Project – July 2011, letter</td>
<td>133-6</td>
</tr>
<tr>
<td>The Gretton Book Project – September 2012, letter</td>
<td>841-3</td>
</tr>
<tr>
<td>life of</td>
<td>841-2</td>
</tr>
<tr>
<td>longcase clock</td>
<td>134-5</td>
</tr>
<tr>
<td>30-hour movement, formerly verge</td>
<td>134-5</td>
</tr>
<tr>
<td>¼ striking, bird and flower marquetry</td>
<td>284-5</td>
</tr>
<tr>
<td>watch</td>
<td>135</td>
</tr>
<tr>
<td>illustrated in book by Jagger</td>
<td>135</td>
</tr>
<tr>
<td>Royal collection</td>
<td>135</td>
</tr>
<tr>
<td>Grice, William</td>
<td>688</td>
</tr>
<tr>
<td>Griffith, John</td>
<td>412</td>
</tr>
<tr>
<td>meeting report</td>
<td>412-13</td>
</tr>
<tr>
<td>Griffiths, John, obituary of Frank Anthony Mercer</td>
<td>589-90</td>
</tr>
<tr>
<td>Grimaldi &amp; Johnson, of London, observatory regulator</td>
<td>76</td>
</tr>
<tr>
<td>Grimaldi, Peter, of London, observatory regulator</td>
<td>76</td>
</tr>
<tr>
<td>Grimes, William, of London, longcase clock</td>
<td>12</td>
</tr>
<tr>
<td>walnut and marquetry, day, date and zodiac</td>
<td>12</td>
</tr>
<tr>
<td>Grimthorpe, Edmund, 1st Baron</td>
<td>257, 392, 544, 592</td>
</tr>
<tr>
<td>birthplace, Carlton Hall</td>
<td>839</td>
</tr>
<tr>
<td>portrait of</td>
<td>213</td>
</tr>
<tr>
<td>Smith of Derby, relations with</td>
<td>519</td>
</tr>
<tr>
<td>Westminster, Great Bell of ('Big Ben')</td>
<td>514, 515, 517</td>
</tr>
<tr>
<td>Gropengeisser, of Philadelphia, observatory regulator</td>
<td>76</td>
</tr>
<tr>
<td>Guillaume, Dr C.E</td>
<td>608, 683-4</td>
</tr>
<tr>
<td>Gutkaes, Johann Christian Friedrich, of Dresden</td>
<td>76</td>
</tr>
<tr>
<td>observatory regulator</td>
<td>76</td>
</tr>
<tr>
<td>no. 1194</td>
<td>78</td>
</tr>
<tr>
<td>Gwilym, Dafydd ap, reference to clock</td>
<td>631, 634</td>
</tr>
<tr>
<td>Gwydir Castle, early clocks at sale of</td>
<td>636</td>
</tr>
<tr>
<td>gyro-compass, Sperry</td>
<td>124</td>
</tr>
</tbody>
</table>

**H**

- Haagse klok, see Hague clock
- Haas, Philipp........................................... 528
- Habrecht, Isaac, of Strasbourg............... 812
- mechanical celestial globe.................. 258
- HAC (Hamburg American Clock Company) alarm clock........................................... 405
- Hackett, Thomas, of Exeter
- lithograph of Lovelace's 'Exeter clock'........................................... 497, 498
- Hadwell, Charles........................................ 248
- Hague clock
- Coster, Salomon, of The Hague................ 25
- Fromanteel, Ahasuerus II, of Amsterdam........ 678
- Hahn, Philipp Matthäus.......................... 809
- hairspring, see balance spring
- Haley, Charles, of London
- escapement, constant force................... 47
- observatory regulator.......................... 78
- Hall, John James, of Exeter.................... 494
- Hall, Sir Benjamin, 'Big Ben' named after.. 514-15
- Halett, Mary........................................... 114, 673
- Halley, Edmond, FRS.................................. 533
- Hallier, Richard, of London, clockmaker..... 481
- hallmark.................................................. 405

**British Watch Case Marks**, letter from Philip Priestley.......................... 691

Hambleton, David

- The History of Arnold & Dent
- Longcase Regulator No. 308................. 624-30
- Hambley, Peter...................................... 116
- Hamilton, Emma, Lady............................ 410
- Hamilton Watch Company.......................... 684
- chronometer, marine............................. 679

Hamilton chronometers, lecture by John Hatt........... 411

Hammond, Audrey................................. 492

Hammond, Claudia, *Time Warped*, reviewed........ 666

Hamond, Frances................................. 840

Hampson, Robert, of Wrexham......................... 96

Hampson, Thomas, of Chester and Wrexham
- family and life in Chester.................. 89-90
- lantern clock........................................ 89
- legacy.................................................. 96
- longcase clocks (Chester)..................... 90
- 'Coy Man of the Leach'......................... 90-5
- move to Wrexham.................................... 94-6
- numbering system............................... 89, 94, 96
- signature (at Chester)......................... 91

Thomas Hampson 'of Wrexham' – his Chester phase, 
- by Steve and Darlah Thomas.................. 89-96

Hancock, C.F., of London
- desk compendium, Thomas Cole no. 1512........ 9
- strut timepiece, Thomas Cole no. 1127........ 577
- hand, fly-back or retrograde.................. 304, 496, 497

Handel, George Frederic.......................... 834

Gerald Coke Collection.......................... 738

watch, formerly property of.................. 738

Handley, George, and John Moore, of London casting mark, H•M.......................... 610


Hansford, Joyce Mary............................. 173-4

**Antiquarian Horology** 884
Haydock Lodge, Cheshire..................................................313
Hayes, Walter, of London, mathematical instrument maker.................................................481
Haynes, William..................................................................518
Hedge, Nathaniel, of Colchester
lenten clock, with 'N' casting mark...................................611
Hees, Michiel van...............................................................128, 251

Dutch clocks in the 18th century –
a split from the English style, lecture.................................678-9
heliotstat, 1869 manufacture.............................................833-4
Helmore, Dee, A Quest for Perfection:
The Life of John Gottfried Ulrich, chronometer maker, reviewed............................................815
Helot, Jean...........................................................................650
Hemony, François, carillon, Delft......................................743
Henlein, Peter, watch............................................................831
Hepting, Fidel.......................................................................528

Hera, depiction of, sardonyx, on watch key..........................643
Herbert, Anthoine, of London, clock and watchmaker.........481

Hercules, depiction of, sardonyx, on watch key.........................644
Herschel, John.......................................................................380
Herschel, Sir William............................................................380
Hess, Victor Francis (physicist)...............................................677
Hettich, battery-powered clock.............................................122
Hettich, Gordon.....................................................................528
Hevelius, Johann.................................................................118, 349
Hewitt, Thomas Peter, of Prescot (1848–1933)
BHI visit to proposed factory of.............................................216
Hewkley, Squire, of London, watchmaker.............................482
Heyden, Gaspard van der......................................................34
Heydt, Hermann von der, of Chicago....................................653
Higgins, Richard.................................................................228

lectures

The European Influence on Eastern Magnificence..................834
Mechanical Music and the Organ Clocks of Charles Clay..................834

Higginson, Derek
obituary, by Val Carr..........................................................175-6
portrait.................................................................................176

Higginson, George Joseph, of London...................................807
Higgon, David.................................................................611-16
portrait.................................................................................738

Timekeeping – 1550–1750, lecture........................................117-18
Highfield, Samuel, of London, watchmaker..........................482

Hilbert, John, of London, clock engraver.................................482, 485
Hindley, Henry, of York, longcase clock...............................412
Hindley, Henry, of York, telescope........................................735
death of announced...............................................................590
Hingley, Peter........................................................................825
Hingston, Andrew..................................................................734

Hipp, Mathäus.....................................................................529

The Hipp-Toggle electro-mechanical clock, Jonathan Butt, short talk..............................................688
observatory regulator..........................................................191
Hirsch, Dr A., Neuchâtel Observatory.....................................191

Hislop, William.......................................................................596, 597

The History of Arnold & Dent Longcase Regulator
No. 308, David Hambleton..................................................624-30

HMS, etc, see ship
Hobbs, Hart & Co., lock manufacturers
visit to (by BHI, in 1876).................................215

Hodges, Edward, of Spalding
lantern clock...........................................12, 154, 292, 444, 568, 720

Hodges, Nathaniel, of London, bracket clock, walnut......150

Hodgson, Brynn...........................................673, 676

*For your further reading*...............................141-3, 693-4, 845

 Hodzemans, Wim, Franklin clock with full calendar.........413

Hoffland, Carel, meeting report..........................251-2

Editorial correction......................................416

Hofgen, Carol..............................................195

Holford, Thomas, of London, clockmaker......................482

Hollis, Ann....................................................545

Hollis, Geoffrey..........................................255, 545

talk on consistencies and Diocesan advisors...............840

Holloway, William, of Stroud, lantern clock..............408

Holmes, John, of London
observatory regulator......................................78
turret clock, Greenwich, Naval Hospital.................261

Holzapfel, John Jacob....................................766

*Horner*, depiction of, sardonyx, on watch key............644

Hommel, Johann............................................812

Honeywood, Sir Robert..................................357

hook, rising, longcase clock by
Fromantel, Ahasuerus, of London, architectural.........428

Quare, Daniel, of London, walnut and marquetry..........586

hook and spike clock, Gilkes, Richard, of Adderbury.....408

Hook, Dr David, contribution to van Call symposium......179

Hook, Thomas, of London, watch finisher...................482

Hooke, Robert..............................................402, 403, 404, 616

views on Huygens........................................356

Hooper, John Alfred.....................................588

Hooper, Martyn Allan, *19th Century Gaydon Clock and Watch Makers*, reviewed.............................106-7

Hope-Jones, Frank........................................102-3, 826

Hope-Jones, Robert.......................................102

Hopp, Peter M., *Pocket-watch slide rules*, reviewed.....664-5

Hordijk, Ben, *My first clock*, talk..........................544

*Horlogerie Ancienne*..................................653, 655, 659, 660, 662

(see also *For your further reading*)

Horner, Charles, of Halifax, turret clock, restoration of...130

Horneay, David, *Clock Manufacturing in Soho*,
*Handworth, Birmingham, 1760–1934*, lecture .............540

*Horological Journal*.................................46, 460-1, 691

(see also *For your further reading*)

advertisement
Waltham watches, imported, 1909..........................605

Waltham watches, Melbourne exhibition, 1881.............606

antiquarian coverage.......................................462-3

availability influence on formation of AHS...............568-7, 468

nineteenth-century exhibitions reported in.............599, 600-1, 603, 604, 605-6, 607, 608

reports of BHI excursions, 1874–1892..207-8, 210-20

supplement, 1952,

*The Clock & Watch Collector*.........................462, 463, 465

*Horological Miscellany*....................................551-2, 845-8

Antikythera mechanism.....................................552

*Chronometropolia*........................................551

Deutsche Gesellschaft für Chronometrie,
*Jahresschrift* 2011........................................551-2

---

**Horological Miscellany**...............................551-2, 845-8

domestic troubles of unnamed Clerkenwell
watchmakers.............................................552

NAWCC Watches Online.....................................845

A *Swedish Industrial Spy in England. Angerstein’s Illustrated Travel Diary*, 1753–5, Chris McKay........847-8

synchronous clocks, information on-line.....................592

*Warren’s Trick*, Terence Camrer Cuss......................846-7

Worshipful Company of Clockmakers,
website update.............................................552

*Horological News*........................................24-6, 172-9, 304-10,
452-6, 588-90, 732-8

*Horological Requests in Early Welsh Poems*,
William Linnard and Ann Parry Owen.....................631-6

*Horologium Sapientiatis*................................33-4

*Horology at International Industrial Exhibitions*,
1851–1900, Alun C. Davies..............................591-608

Horology, National College of............................176

*Horophone*..................................................103

Horrebow, Peter...........................................548

Horrocks, Jeremiah, astronomer............................407, 826

Hüschel, Christoph Caspar, of Augsburg
observatory regulator.....................................78

Houdin, Jean Eugène Robert
early electric clocks.....................................688

mystery clock.............................................449

Houghton, John.............................................540

hour-glass
description of, medieval wall-painting....................633, 634

requested in Welsh poem, c. 1500.........................632-3

hour hand, retrograde
Dahies, George, pocket chronometer.......................304

hours, Italian............................................779

House, Robert, of London, watchmaker.....................482

Howard, E., of Boston, observatory regulator.............826

Howden, James, of Edinburgh
tavern clock, ‘tear drop’ mahogany.......................570

Howell, John...............................................838

Howse, Derek...............................................826, 837

*The Greenwich List of Observatories* (1970)...........70

Huber, Dr Bernhard........................................526, 832

Huber, Jürgen...............................................261

portrait of................................................261

Hubert, John, *Master clock serial numbers*, lecture......254

Hubert, of London, observatory regulator...............78

Hudson, Miss L.A..........................................461, 463

Hudson, Thomas, artist...................................495-6

portraits, of Miss Mary Carew and of
John Potter, Archbishop of Canterbury....................495, 496

Hughes, Alan.............................................689

Hughes, William, of London..............................809

Hulst, Hendrik C. van de (astronomer)......................677

Hunkin, Tim, *Early Electric Research*, lecture.........686

Hunsdon, Edward, of Chelmsford
lantern clock.............................................444, 568, 720

Hunt, Dr Hugh.............................................257

Hunter, John, *Alexander Bain*, lecture..................833

Hunter, Thomas, of London, clock and bell founder,..614, 615

Hurrion, Christopher.......................................116, 675-6

Hurst, Lawrence.........................................467, 676

---

Antiquarian Horology

886
I.

I.E. or I.F., observatory regulator...........................................78
Ilbert, Courtenay Adrian.....................................................382, 458, 459, 463, 464, 465, 466
Huygens, Christiana....................................................................678
Hurst, Michael........................................................................116, 245-6, 466, 675, 676, 765, 781, 785
Hurst, Mrs Jacqueline..................................................................468
Hutchinson, George F.H.....................................................263, 464
Hutchinson, Robin
lecture report..................................123-4, 248, 407-8, 539-41, 685-6, 834-5
Huws, Bleddyn Owen..........................................................631
Jackman, Steve........................................................................690
Jackson, A.G., of Brisbane....................................................102
Jackson, Brian...........................................................................471
Jackson, Mia.............................................................................261
Jacob, Jean-Aimé......................................................................62
JAEC Le Coulêtre, alarm watch...............................................405
Jaeger, Cedric..........................................................................467-8, 493
James, Andrew......................................................................114-15, 552, 673-4, 861
Janca, F.....................................................................................384, 438, 459, 464
Janvier, Antide, of Paris.....................................................158-9
Japanese system of unequal ‘hours’ (toki).............................502-3
Japan case, see lacquered case..................................................503
Jaquet-Droz, Pierre....................................................................653, 808
automaton, The Writer.............................................................454-5
Jerkerteret.................................................................802-5
Jerome, Chauncey....................................................................595, 791
jewellery
later, characteristics of.............................................................786
Quare, Daniel, of London
watch, no. 324, 1712–14?.....................................................786-90
watch, no. 3287.................................................................786
watch, no. 4108, 1714–5......................................................786
Johannsen, Asmus & Co., of London
chronometer, marine, no. 2747.................................................435
Johnson, Benjamin Pierce.........................................................593
Johnson, Ken
Harrison Project Update...........................................................26
portrait....................................................................................26
Johnson, Samuel J., astronomer..................................................629, 630
Johnson, of Copenhagen, observatory regulator.......................79
Johnson, of London (see also Grimaldi & Johnson)
observatory regulator...............................................................79
Johnston, Stephen
Time Machines, exhibition report..............................................309-10
Jones, Andrew..........................................................................65
Jones, David, of London, watch- pendant maker.......................482
Jones, Sir Harold Spencer..........................................................464
Jones, Henry, of London................................................................246-7
bracket clock.........................................................................686
½ striking silver mounted.........................................................730
lantern clock, casting marks found on......................................611
Jones, John, of London............................................................605
Jones, Professor R.V.................................................................307
Jones, Thomas, of London, observatory regulator.......................79
Joosten, Leonard, mantel clock, rotating dial, musical...........42, 43
Jordan, Peter, Harrison Group, letter........................................263
Joseph Knibb's Roman Striking, Mike Cowham, note.............803-5
Jourdain, of London
Further Notes on Jourdain Clocks, Note, by Neil Andrew........232-3
Jourdain, Aaron, of London
longcase clock, mahogany......................................................232
Jourdain, William, of London
bracket clock
five subsidiary dials..................................................................232
mahogany.................................................................................232
musical, repeating.................................................................233
Journais, horological trade, see For your further reading:
Horological Journal, Watch & Clock Maker
Joyce, J.B., of Whitchurch
—— auction of surplus assets, advertised.................584
—— turret clock.................................................840
—— turret clock, Caunton......................................838
Joyce, William, of Wrexham...................................95
Junghans
—— alarm watch..................................................405
Chronos. 150 Jahre Junghans, brief review..............143
Elektronom.........................................................129
—— stop-watch....................................................122
—— wall clock.....................................................122
Jürgensen, of Copenhagen, observatory regulator........79
Jürgensen, Urban................................................68, 364
Jury, Frederick....................................................808
Jussell, Christian..................................................180, 183
K
Kahler, Helmut
"Dem Uhrenfreund zuliebe" – Verstreute Beiträge
zur Geschichte der Uhr, reviewed.........................528-30
Kaleidoscope
—— Leigh, William, of Newton-le-Willows..............475-7
Kangxi Emperor..................................................362
karrusel..................................................................410
Kaye, John, of Warrington.....................................407
Kechelius, Samuel, astronomer..............................352
Keeping Time at Fairfax House, York....................736-7
Kelly, Jonathan.....................................................373
Kemp, Charles, of London.....................................842
Kendal & Dent, of London
—— advertising picture of ‘Big Ben’.........................799
—— Kendall, Larcum, of London, observatory regulator....79
—— Kenyon, William, of Liverpool
—— longcase clock, 30-hour, ebonised....................447
—— Kepler, Johannes, astronomer..........................118
—— Kerby, Simon, and Tom Meryon, An Intriguing
Swinging Clock, note............................................509-13
Kermock, W.A....................................................458, 459, 466
Kersten, Paul H.M.
—— lecture report................................................252-3, 544-5, 837
—— meeting report...............................................413, 837-8
Kessels, Heinrich Johann, of Altona.....................68
Kessels, Heinrich Johann Keesels ...
—— by Günther Oestmann, reviewed.......................363-4
—— observatory regulator
nos. 1282, 1342...................................................364
nos. 1324, 1365, 1366, 1388, 1418, 1448....................79
Ketterer, Theodore...............................................528
Kew Observatory.............................................86, 87, 88
BHI visits in 1875 and 1876.................................212-13, 215
key drawer, on Japanese pillar clock.....................502, 504

key, watch
—— engraved sardonyx, classical subjects..............643-4
human hair
—— marriage.......................................................646, 647
—— mourning.......................................................645-6, 647
souvenir.............................................................647
price of in 18th century England.........................848
Watch winding keys, Picture Gallery......................643-7
keyless work.......................................................596
Arnold, John, of London, no. 1............................390-1
—— invention of....................................................390
Lepine, Jean-Antoine, of Paris..............................391
Patek, of Geneva..................................................592
Prest, Thomas......................................................390-1
Kibworth and Smeeton Clockmakers
—— letter (research request) from Richard White........548
King, Andrew...................................................182, 183, 258, 676
—— The Challenge and Excitement of Research, lecture....402-4
—— The Great Knibb, lecture.................................245-6, 250, 685
—— Keeping Time at Fairfax House, York................736-7
—— The Sale of a Remarkable Library.....................452-4
Kinnebrook, David, astronomer............................414
Kins, Dr Roger, Edinburgh and Glasgow Time Balls,
Time Guns, and Controlled Public Clocks, lecture.......247
Kinzing, Peter, of Neuwied, observatory regulator........79
Kipling, William, of London
—— bracket clock, turtleshell veneered, ¼ repeat.........436
—— lantern clock..................................................292
—— longcase clock...............................................412
A Kitchen Jack Turret Clock?, letter from Chris McKay....546
Kittel, Adolph, of Hamburg, observatory regulator........79
Klüfenberger, of London......................................598
Klassik Uhren.....................................................23
Klaveren, Wim van, book review...........................663-4
Klindworth, Johann Andreas, of Göttingen
—— longcase regulator.........................................1, 80
—— observatory regulator......................................79
Kline, Samanos & Co., of New York
—— chronometer, marine.......................................595
Klosterauben......................................................335
Knebel, B.R., of Amsterdam, observatory regulator.........79
Knebel, H.F., of Amsterdam, observatory regulator.......81
Knibb, John, of Oxford
—— bracket clock, ebony.......................................447
—— bracket timepiece, ¼ repeat, alarm........................8, 724
Knibb, Joseph, of London
—— bracket clock
—— ¼ repeat.......................................................152-3
—— grande sonnerie double-6, skeleton chapters........432-3
The Great Knibb,
—— lecture by Andrew King.................................245-6, 250, 685
Joseph Knibb’s Roman Striking, Mike Cowham........803-5
The Knibb Family,
—— lecture by Mike Cowham..................................686
—— longcase clock
—— month duration, Roman striking......................803-5
—— ebony case......................................................560
—— walnut..........................................................4-5, 166, 712-13
—— turret clock....................................................408
Knibb, Joseph, of Oxford.....................................686
Knight, F.W.........................................................216


Knight, Jack.................................................................115, 832
lecture report .........................................................248-9
meeting report .......................................................542
Knight, Susan..........................................................115, 116, 832
AHS Study Tours 2011 and 2012..........................244-5
AHS Study Tour 2012................................................374
Sections Co-ordinator ...............................................681
Knowles-Brown, F.H..............................................384, 458, 459, 463, 465, 466, 468
portrait of .....................................................................385
Kochmann, Karl......................................................524-5, 527
Köhler, Johann, Gottfried, of Dresden
observatory regulator ..................................................81
Kossek, Joseph, of Prague, observatory regulator........81
Krapp, Johannes, of Mannheim, observatory regulator...81
Kremer, Birgit...........................................................827, 830
Kugellauführ, Sayller, Johann, of Ulm....................281, 303
Kullberg, Victor, of London.......................................597, 602, 603, 683
chronometer, marine
excellence of recognised .........................................597-9, 601-3
no. 3715, for Joseph Sewill .................................7, 602
portrait .........................................................................608
Kunstkammer...............................................................249
Kupelwieser, Ernst...................................................781, 785

La Marck, William Robert de (1563–88).....................811
Lackchildbren.............................................................813
lacquered case, longcase clock, by
Bassett, William, of Swansea, calendar, lunar, tidal ....151
Clinch, Thomas, of London......................................484
Lovelace, Jacob, of Bridport, ¼ striking ...................500
Lovelace, Jacob, of Exeter.........................................494
lacquered case maker, Clinch, Thomas, of London...481, 484
lacquering
demonstration, by Chris McKay ...............................545
(japanning), cost of .....................................................837
Ladd, Eric.................................................................519
Ladd, Samuel, of London, brass founder .................615
De Lafons, escapement, constant force .....................48
Lagisse, vase form clock............................................378
Lagrange, Joseph Louis................................................520
Lalande, Jérôme..........................................................520
Lalande, Thierry..........................................................65
lamella, tuned............................................................837
Lancashire, tools..........................................................24
Lancashire Watch Company ..................................220, 607
Landells, Elizabeth, engraver .....................................514
Landtvaerk, Christiania, of Oslo, observatory regulator..81
Lane, John.................................................................495

A. Lange & Söhne – Great Timepieces from Saxony:
Volumes I and II, Reinhard Meis, note of online review 666
Lange, A., of Dresden, watch, no. 1, musical .............122
Lange, of Dresden.....................................................602
Langham(m)er, Joseph, of Vienna, observatory regulator 81
Langley, Thomas, of Abingdon
lantern clock ..........................................................12, 154, 292, 444
lantern clock
hood, 17th century, oak, carved and turned ..............720
iron, West Country, 17th century .............................835
Welsh poem requesting ...........................................633-6
lantern clock, by
Ames, Richard, of London.................................12, 154, 292
Barlow, William, of King’s Lynn.........................12, 154, 292,
444, 568, 720
Beck, Richard, of London........................................12
Closon, Peter, of London.........................................568, 720
‘matchstick man’ casting marks..............................622, 623
Coxeter, Nicholas, of London.................................611
Curtis, Joseph, of Chew Magna .........................12, 154, 292,
444, 568, 720
Drury, James, of London.........................................444
Ebsworth, John, of London, 3-train chiming ..........408
Fraser, John, of Worcester ......................................12, 154, 292, 444, 568, 720
Gould, Christopher, of London ............................483
Graham, George, of London
no. 583, miniature alarm timepiece .......................282
Gregory, Jeremy, of London .....................................12, 636
Hampson, Thomas, of Chester and Wrexham .........89
Hedge, Nathaniel, of Colchester.............................611
Hodges, Edward, of Spalding 12, 154, 292, 444, 568, 720
Holloway, William, of Stroud .................................408
Hunsdon, Edward, of Chelmsford ..........................444, 568, 720
Jones, Henry, of London .........................................611
Kipling, William, of London .....................................292
Langley, Thomas, of Abingdon...............................12, 154, 292, 444
Lindsey, John, of Nayland ........................................12, 154, 292, 444, 568, 720
Loomes, Thomas, of London .................................12
(possibly).............................................................623
Lovelock, Charles, of Warminster ..........................12, 154, 292,
444, 568, 720
Lowndes, Jonathan, of London ...............................12
Manley, Cornelius, of Norwich ...............................12, 154, 292,
444, 568, 720
Marsh, Humphrey, of Highworth .............................12, 154, 292,
444, 568, 720
Moore, Thomas, of Ipswich .....................................611
Morley, Richard, of Idd ICTe (Warks): .................444
Pott, Thomas, of London...........................................292
Robinson, Robert, of London .....................................12
Rogers, John, of Leominster, miniature alarm .........611, 613
Sindry, Lawrence, of London .................................568, 720
Somersall, Mandeville, of London [doubtful] ..........484
Stanton, Edward, of London, 12, 154, 292, 444, 568, 720
Stone, John............................................................292, 444, 568, 720
Stribling, Benjamin, of Stowmarket .......................568, 720
Townson, Samuel, of London ....................................444
Warner, John, of Draycott (Works) ......................444, 568, 720
Washbourn, John, of Gloucester ............................12, 154
lantern, magic...........................................................650
lantern slide
clockmaker, in his workshop...................................561, 650-1
craftsmen at work....................................................650

Laplace, Pierre Simon................................................622, 435-46
Larkin, Jack, Disposal of Journals, letter .................416
latches, movement pillar, see pillars, latched
lathe........................................................................249, 684
Lauriston Castle, visit to, by Scottish Section ..........121-2
Lavet, Marius, patent, use of transistor in clocks .......129
Antiquarian Horology
890

lecture report (see also Dingwall-Beloe lecture;
St Roche’s Horological Lecture)

Abbing, Koen Roscam, Motryneus Regulator No. 159...387
Addomine, Dr Marisa, Turret Clock of Chioggia........839
Ayres, Chris, Clock Case Restoration..........................127
Bett, Jonathan, Clocks and Timekeeping....................386-8
Bill, Peter, H. Hart – Enamelers to the Trade........687-8
Bird, Derek, TMC and Telephone Rentals......................690
Blundell, Trevor, City of London Turret Clock project...255
Burdon, Andy, An Appreciation of European
Turret Clocks.................................................................840

Butt, Jonathan, The Hipp-toggle Electro-mechanical
clock, short talk.........................................................688
Cobb, Kenneth, Electrical Time Signals from the
Royal Observatory, short talk........................................688
Coleman, Gaisus, Perpetual Calendar Clocks................539
Collanges, Françoise, The Beginnings of Electrical
Horology in France, 1840–1860, short talk................688
Cooke, Oliver
The Life and Times of Edward East............................246-7, 543

Coote, Ian
Anatomy of a Watch.......................................................542-3
Virtual Tour of East Anglia..............................................248-9

Davidson, Steven, Valliumi’s work at Windsor Castle...408
Dobbie, John, Adhesives for Horology, short talk........688-9
Duley, Anthony J. (Tony), Improved Timekeeping
in the Pre-pendulum Era, short talk..............................688
Edmunds, Prof. Mike, The Antikythera Mechanism...123-4
Edwards, Richard, The Invention of the
Wrist-watch.................................................................410-11

Ende, Hans van den, senior, French Clockmaking
1660–1675.................................................................548-9

Ende, Hans van den, snr and jnr, The English
connection – … influence on Dutch clockmaking …677-8
Fraser, Colin, Introduction to Scottish Silver...............404-5
Gatto, Martin, Tavern Clocks.........................................540, 837
Goukens, Lode, The Ransolet family of clockmakers....837
Hart, John
Hamilton Chronometers...............................................411
Practical Lathe Work, demonstration.............................684

Hees, Michiel van, Dutch clocks in the 18th century –
a split from the English style........................................678-9

Higgins, Richard
The European Influence on Eastern Magnificence...834-5
Mechanical Music and the Organ Clocks
of Charles Clay.............................................................834

Hornsey, David, Clock manufacturing in Soho,
Handsworth, Birmingham, 1760–1934.........................540
Howell, John, and Martin Ridout, Battery
insertion movements.....................................................129

lecure report, continued,
Hubert, John, Master clock serial numbers................254
Hunkin, Tim, Early Electric Research.........................686
Hunter, John, Alexander Bain.................................833
Hurst, Michael, Our distinguished heritage –
achievements of the last 58 years..........................383-6

King, Andrew
The challenge and excitement of research.................402-4
The Great Knibb..........................................................245-6, 250, 685

Loomes, Robert, Horology and the
Industrial Revolution..................................................407-8

McKay, C. G. (Chris), The Great Clock and
Bells of Westminster.....................................................544

Meis, Jos, Experiences at an Auction House.................545
Mestrom, Ruud, Christiaan Jozef van Boom, of Venlo...413
Moorhouse, Dr John, Design and construction of
automata and singing birds........................................248

Nye, James, Electrical Timekeeping..........................392-5
Penney, David, Watches and Watchmaking,
A Short Appraisal.....................................................389-92
Pipes, Malcolm, Pendentuli – Theory and Practice......685-6

Read, David
Charles Prince.............................................................125-6
The Marine Chronometer in the Age of Electricity......679
Read, Matthew
Material Preservation.....................................................395-7
Restoration of the Bowes Museum Swan......................248

Ridout, Martin, and John Howell, Battery
insertion movements......................................................129

Rose, Ronald E., Carriage Clocks..............................124-5
Scobie-Youngs, Keith, Turret Clocks.........................397-402

Smith, Alan, A Lifetime in Horology.............................406-7
Steer, Clive, Tunbridge Wells Station Clock...........126-7
Sunderland, William, Early English Clocks,
1550–1650.................................................................835

Thompson, David
Collections.................................................................249-50
The Great Collectors: J. Pierpont Morgan.....................537-9
Treherne, A. A. (Alan), Lethering Level Watches........406

Veitch, David, Middle Temperature Error and
Chronometers.............................................................683-4

Warner, John, Thwaites and Reed,
Some Clocks and Experiences....................................248

Watson, Chris, Some Horological Excursions............411-12
Wilson, Mike, Time on my hands.............................123

Wollendal, Sir Arnold, The Discovery of
Cosmic Rays … and ‘time’.............................................676-7

Lee family, armorial bearings on watch outer case........135

Lee, William, of Leicester
longcase clock, casting marks found on.......................611
Leeson & Son, of Coleshill, turret clock, Leintwardine....254
Leeson, William, of Coleshill, turret clock, Meriden....398
Leeuwen, Pier van
contribution to van Call clock symposium...................178

Lefaucheur, Alexander, of Paris
obscuratory regulator....................................................70, 81

Lega, Michael, symposium in memory of,
The Longcase Clock and its Case
adviser.................................................................574-9

letter from Polly Legge................................................692

Lega, Polly, Clock Cases, letter...............................692-3
Legh, Thomas Peter..............................................313, 315, 329, 332
Legh, Thomas, FRS (d. 1857).....................................317, 319
Lego à Lorient
escape, constant force............................................47, 48
Leibniz, Gottfried..................................................355, 547
Leiden, see museum, Leiden, Boerhaave
Leigh, Francis, of Newton-le-Willows.........................312
signature plate.........................................................315, 316, 317, 320, 321
turret clock, Haydock Lodge, Cheshire.....................313-15
Leigh, William, of Newton-le-Willows
apprenticeship.........................................................311-12
early life.................................................................311-12
introductory facts.....................................................311
kaleidoscope.........................................................475-7
longcase clock.........................................................478
mahogany...............................................................474-5
mahogany ¼ chiming.................................................469-70
mahogany ¼ chiming musical.....................................471-3
pendulum
rhomboidal...........316, 317-18, 320, 325, 326, 328, 469
turret clocks by........................................................313-21
map showing locations of.........................................313
turret clocks probably by........................................322-34
William Leigh of Newton-le-Willows,
Clockmaker 1763-1824,
by Steve and Darlah Thomas
Part 1........................................................................311-34
Part 2........................................................................469-78
Le Je, of Paris, observatory regulator............................81
Leamon, Mark............................................................514
lenticle, trunk door, longcase clock, by
Brown, Andrew, of Edinburgh..................................719
case only, walnut marquetry.......................................446
Clement, William, of London
bird and flower marquetry case.................................437
Gretton, Charles, of London
¼ striking, bird and flower marquetry.........................284-5
Knibb, Joseph, of London.........................................712-13
month duration, Roman striking................................560
Quare, Daniel, of London, walnut and marquetry........586
Tompion, Thomas, of London, no. 118, walnut.............573
Leonardo da Vinci and the Earliest Known
Clocks with Warned Striking, John A. Robey............775-85
Leopold, John H.......................................................173, 785
Lepaute, Jean-André or Jean-Baptiste, of Paris
mantel clock.............................................................261
Lepaute, Jean Baptiste, of Paris
mantel clock, figures of Clio and Urania.....................377-8
Lepaute, of Paris
mantel clock..............................................................376
observatory regulator................................................81-2
Lépine..........................................................58
Lépine, Jean-Antoine, of Paris
clock, ‘Negress Head’...............................................408
keyless work.............................................................391
Leport.................................................................56
Leresche, watch tournette, in form of guitar..................230-1
Leroy, chromometer, marine, Chronostat III...............679
LeRoy, of London and Paris
wrist-watch, early, for ladies....................................410
Le Roy, of Paris, observatory regulator.........................82
Le Roy, Pierre (1717–1785)...........................................657
Le Sichot, Jean-Frédéric............................................454
Letters to the Editor.................................................131-6, 262-3, 415-16, 546-8, 691-2, 841-3
Breguet Certificates, David Newman.........................548
British Watch Case Marks, Philip Priestley...............691
Claude B. Reeve, J. Malcolm Wild.............................263
Clock Cases, Polly Legg.............................................692
Corrections, Philip Priestley........................................263
Disposal of Journals, Jack Larkin..............................416
The George Daniels Educational Trust, David Pooe.....692
George Lindsay Clock, Jonny Flower........................548
Good Things (Can) Come to Those Who Wait.............841
David Severs..........................................................841
The Gretton Book Project – July 2011,
Dennis Radage......................................................133-6
The Gretton Book Project – September 2012,
Warner Meinen and Dennis and Laila Radage..............841-3
Harrison Group, Peter Jordan.....................................263
Isaac Thuret Copies of Greenwich Clocks?,
Poul Darnell.............................................................547-8
Kibworth and Smeeton Turret Clockmakers, Richard White
(research request)....................................................548
A Kitchen Jack Turret Clock?, Chris McKay.................546
London’s Public Clocks and Dials,
Christopher Glanusk..............................................133
The Missing “Harrison” Table Clock, P. D. Green......415-16
More Harrison Publications, Neil Andrew..................263
No Second Rijksmuseum Clock. Goodbye Samuel
Coster, Sebastian Whitestone....................................131-3
Notes on the Escapement of an Anonymous
Chronometer attributed to Paul Garnier,
Anthony G. Randall..............................................262
Railway Watches, George May..................................415
Salomon, not Samuel, Peter de Clercq.........................416
Stanton, Birmingham, Peter Gosnell..........................691
Turret Clock Makers, Newey, York, Andrew Carter.....691-2
Leupold, Jacob, Theatrum Machinarum (1724)............765
Leyland, Lancashire
St Andrew’s church..................................................333
Worden Hall, turret clock..........................................325
Leyland, Thomas, of Prescot, regulator, Mercer’s works...590
library
AHS, see AHS: library
Allix, Charles, sale of advertised..............................169
BHI, Upton Hall......................................................261
Guildhall Library......................................................682
Oxford, Bodleian.....................................................628
Worshipful Company of Clockmakers.......................258
licensing laws..........................................................487-8, 491
Liebherr, Josef, of Munich
(see also Reichenbach & Liebherr;
Urzschneider & Fraunhofer; Urzschneider & Liebherr),
observatory regulator............................................82
Lübeck
golden age of clockmaking in.................................41-4, 45
Prince-Bishopric court..............................................41-4
Lietuijt, Johannes, of Delft, turret clocks....................29
Lieussou, Aristide, formula for chronometer rate..........203
Lindsay, George, of London

bracket timepiece, alarm..........................581
longcase clock
mahogany, year duration, double-12 dial........548
month duration, dual calendars..................168
Lindsey, John, of Nayland
lantern clock..........................12, 154, 292, 444, 568, 720
lines, gut, production of in 18th century England...848
Linnard, William, and Ann Parry Owen
horological requests in Early Welsh Poems........631-6
Linstead-Smith, Peter........................................116, 676
Lir, observatory regulator........................75
Lithander, Peter, of Liverpool
Little Admiral Lever Watches, lecture by Alan Treherne......406
Littlejohn and Son, of Wellington, New Zealand
long duration, six month (except longcase clocks)
long duration, three month, Sayller, Johann, of Ulm........348
Long, John, of London........................648, 649
Long Now, Clock of the........................................256
longcase clock (see also regulator, longcase)
Amsterdam, features of................................678-9
Black Forest, dulcimer, 30-hour.....................684
longcase clock, case
(see also lacquered case, longcase clock; marquetry case)
Amsterdam, features of................................678
The Longcase Clock and its Case,
symposium in memory of Michael Legg advertised....................574
letter from Polly Legg.................................692
trunk door lock high position..........................4-5
walnut marquetry..................................446

longcase clock, made by
Achenbach and Schmidt, of Neuwied
musical, case by Roentgen............827
Agar, John, of York, lunar, tidal dials, mahogany........737
Baker, Henry, of Malling, Kent, 30-hour........485, 486
Barber, Jonas, of Winster
mahogany, lunar, pre-numbered...............12
Barwise, of London
mahogany domestic regulator........................716-17
Bassett, William, of Swansea
calendar, lunar, tidal indications, lacquer case........151
Bramer, William, of Zwolle, c. 1685...............413
Bronson, John, of Stowmarket
30-hour posted-frame..........................611, 614
Brown, Andrew, of Edinburgh
month-going, ebony and rosewood...............719
Brumhead, of Stamford, 30-hour...................611
Clement, William, of London
bird and flower marquetry case......................437
Clinch, Thomas, of London, lacquer case maker........484
Cole, Richard, of Ipswich, 30-hour posted-frame........614
Cowan, James, of Edinburgh.........................122
Dalgleish, John, of Edinburgh.........................684
Deacon, Samuel, of Barton-in-the-Beans, 30-hour........409
Dingley, Robert, of London, marquetry...............686
Etherington, George, of London, marquetry..........737
Finney, Joseph, of Liverpool, musical................407
Foulsham, James, of Norwich, movement............738
Fromanteel, Ahasuerus, of London..................560
ebony architectural case............................428
‘Oxford’...........................................................309
Graham, George, of London, no. 707, walnut........430
Gretton, Charles, of London
30-hour, formerly verge (movement).................134-5
¼ striking, bird and flower marquetry.................284-5
Harris, William, of Chippenham, Camb.......
30-hour posted-frame..........................611, 614
Harrison, James, of Barrow..........................736
Hindley, of York.................................................412
Janvier, Antide, decimal dial, armillary sphere........309-10
Jourdain, Aaron, of London, mahogany...........232
longcase clock, made by, continued,
Jourdain, William, of London..........................233
ebonised..........................................................232, 233
mahogany..........................................................232, 233
walnut marquetry.............................................232, 233
Kenyon, William, of Liverpool, 30-hour, ebonised...447
Kipling, William, of London.............................412
Knibb, Joseph, of London
month duration, Roman striking.......................803-5
ebon case.........................................................560
walnut.............................................................4-5, 166, 712-13
Lee, William, of Leicester, 30-hour......................611
Leigh, William, of Newton-le-Willows
8-day, square painted dial.................................478
mahogany.........................................................474-5
mahogany ¼ chiming.........................................469-70
mahogany ¼ chiming musical.............................471-3
Lindsay, George, of London
year duration, double XII dial, mahogany.............548
Lovelace, Jacob, of Bridport
¼ striking, lacquered case..................................500
Lovelace, Jacob, of Exeter
black japanned case..........................................494
walnut 8-day.....................................................494
Macpherson, Normand, of Edinburgh.....................684
Mathison, Robert, of Edinburgh
domestic regulator, friction rollers........................157
Mitchelson, Alex, of London, 8-day......................611
Monkland, Richard, of Worcester, 8-day, lunar......611, 612
Norris, Joseph, of Amsterdam............................677
Ogden, Thomas, near Halifax
lunar and date indication.....................................292
Ollive, Thomas, of Cranbrook, 30-hr post-frame......611
Pasteur, François, of Amsterdam........................369
Peckover, Richard, 8-day....................................611
Quare, Daniel, and Stephen Horsemann, of London
no. 221, walnut................................................727
Quare, Daniel, of London
marquetry........................................................714
month duration, walnut, brass-mounted..............11
walnut and marquetry........................................586
Raymond, Charles, of Lydeway, oak, single-handed...555
Savage, G., of Huddersfield...............................574
Smith, Henry, of London, musical 8-day...............611
Smith, Samuel, of London, musical, automata........20
Somersall, Mandeville, of London, walnut............484
Stedman, Richard, of Godalming
30-hour post-frame...........................................611, 613
Stumbels, William, of Totnes.............................500
Thorn, Simon, [jun.], of Tiverton, 8-day..............611, 612
Tompion, Thomas, of London
no. 118, walnut................................................573
no. 385, walnut, month duration.........................564-5
no. 504, walnut................................................289
walnut, month duration, ‘J.P. Morgan’.................856
Veitch, William, of Haddington..........................684
Vernon, Thomas, of Ludlow, 30-hour....................409
Wilmshurst, Stephen, of Odiham, 8-day..............611, 613
Windmills, Joseph, of London
month duration, mulberry veneer........................568
Wylandt, Nicolaas, of Amsterdam.........................369

Longitude, Board of.............................................815
Loomes, Brian.....................................................89, 623
Loomes, Robert
Horology and the Industrial Revolution, lecture.......407-8
Loomes, Thomas, of London
lantern clock....................................................12
lantern clock possibly by, casting mark...............623
lornette, with watch in handle, see watch lorgnette
Lorimers, Worshipful Company of.......................617, 619
Losada, J.R., of London.........................................600
Loseby, E.T., of London........................................683
lottery, James Cox.............................................807-8
Lovelace, Charles, of Bridport
longcase clock, rocking ship automaton................500
Lovelace, Jacob, of Bridport
longcase clock, ¼ striking, lacquered case............500
Lovelace, Jacob, of Exeter.................................406-7
apprentice of......................................................494
biography, brief, 1849........................................493
domestic clocks..................................................494
engraver of portraits.........................................495
‘Exeter clock’.....................................................493, 496-8
case, perhaps by John Channon.........................498-500
destruction.........................................................493, 497
liothograph of
by Thomas Hackett...........................................497, 498
by William Spreat..............................................497
‘movements’ or functions of................................497
remaining parts of..............................................497
life of.................................................................493-4
longcase clock
black japanned case...........................................494
walnut 8-day.....................................................494
New Light on Jacob Lovelace, Clive N. Ponsford....493-500
watch movement..................................................494
Lovelace, John, of Aylesbeare, merchant..............494
Lovelace, Revd John.............................................493-4
Lovelace Trust.....................................................494
Lovelace, William, of Dulwich, schoolmaster.........494
Lovelace, William, of London, watchmaker..........494
trade card..........................................................500
Lovelock, Charles, of Warminster
lantern clock....................................................12, 154, 292, 444, 568, 720
Lowe, Chris........................................................835
Lowndes, Jonathan, of London
bracket timepiece, ¼ repeat, ebony.......................441
lantern clock.......................................................12
Lukens, of Philadelphia
observatory regulator.........................................82
lunar indication
Cox, James, of London, agate-mounted table clock....725
Eichtedt, Johan, of Gdansk, horizontal table clock....19
Lovelace, Jacob, of Exeter, ‘Exeter clock’.............496-8
Sarton, Hubert, of Liége, mantel clock...................44
stoelklok (stool clock).........................................252, 253
lunar indication, bracket clock, by
Dunster, Roger, of London....................................724
Fürstenfelder, Benedikt, of Friedberg......................575
Oostrom, Anthonie van, of Amsterdam..................369
lunar indication, longcase clock by
Agar, John, of York..........................................................737
Barber, Jonas, of Winster, mahogany, pre-numbered........12
Bassett, William, of Swansea, lacquered case..............151
Leigh, William, of Newton-le-Willows......................469-70, 471-2, 474-5
Monkland, Richard, of Worcester, 8-day..................611, 612
Ogden, Thomas, near Halifax.................................292
Pasteur, François, of Amsterdam...........................369
Savage, G., of Huddersfield, 30-hour, oak, calendar.....13
Wyland, Nicolaas, of Amsterdam............................369
Luyken, Jan
A clockmaker’s workshop, line and wash drawing......650, 651
De Orllosismaaker, engraving..................................651
Lyme Park, Cheshire.....................................................317
Lynch, James, of Dublin, barometer, satinwood, stick.....161
Lyne, William, of London, brass founder...............615

M
Macartney, 1st Earl of, embassy to China.............360, 362, 809
McCabe, James, of London
carriage clock, no. 2960, striking, hour repeat............577
McEvoy, Rory..............................................................258, 362, 680, 799, 826
The Astronomical Regulator in Observatory Life;
lecture.................................................................413-14
George Graham, Watchmaker, lecture.....................380
Percy Dawson Medal, 2011....................................373, 676
portrait of.........................................................................109
McKay, C. G. (Chris).....................................................116, 220, 261, 838-9
Big Ben – New Discoveries, note
Part 1: PUNCH and the Bell.............................514-17
Part 2........................................................................799-802
Dent picture.............................................................799
moonlight picture....................................................800-1
Tolling for the Monarch...........................................801-2
book review..........................................................106-7, 518-20
The Great Clock and Bells of Westminster, lecture......544
A Kitchen Jack Turret Clock?, letter.........................546
lacquering, demonstration........................................545
obituary of Charles Anthony Hartidge...................452
A Swedish Industrial Spy in England.
Angerstein’s Illustrated Travel Diary, 1753-1755......847-8
MacNay, Bill..............................................................675
Macpherson, Normand, of Edinburgh
longcase clock......................................................684
Maddaluno, Lavinia and Richard Dunn
A Time-Telling Telescope....................................359-62
Magellan, John Hyacinth de, of London.................119
observatory regulator..............................................82
watches, automatic winding, mentions of........660, 661
magic lantern, see lantern, magic; lantern slide
magnets, artificial....................................................500
Mahler, Franz Josef, of Munich
observatory regulator..............................................82
mail guard’s watch
’Bull and Mouth Inn, London’.............................412
Littlewort, George, of London, no. 152.....................288
Maillardet, Henri........................................................808
mainspring
dual, Barraud marine chronometer..........................404
open...........................................................................793, 795-6
maintaining power, bolt, turret clock....................314-15, 316, 319, 321, 322, 324, 325, 326, 327, 328
maintaining power, bolt and shutter, longcase clock
Fromanteel, Ahasuerus, of London, architectural.....428
Graham, George, of London, no. 707.......................430
Gretton, Charles, of London, ¾ striking....................284-5
Knibb, Joseph, of London, walnut.........................712-13
Mathison, Robert, of Edinburgh, domestic regulator...157
Tompion, Thomas, of London
no. 118, walnut..........................................................573
no. 504, walnut..........................................................289
walnut, month, ’J.P. Morgan’.................................856
Veitch, William, of Haddington-----------------684
maintaining power, Harrison’s..............................187
Arnold and Dent, of London, no. 308.....................624-5
Geist, Joseph (Josef), of Graz.................................75
Klindworth, Johann Andreas, of Göttingen.............1
Mainwaring, James, of Over Peover......................91-2
maker’s mark, see trademark; watch case maker’s mark
Malines, turret clock in 1371......................................28
Manley, Cornelius, of Norwich
lancet clock.....................................................12, 154, 292, 444, 568, 720
mantel clock, by
Charpentier...............................................................378
Ericsson, Bakelite, Supremo movement.....................195
French, mean and solar time, gridiron pendulum.......579
Geraets, Michael, of Hasselt.....................................43
Joosten, Leonard
rotating dial, musical..............................................42, 43
Lagisse
Helen of Troy and Paris............................................378
vase form.................................................................378
Lepaute, Jean-André or Jean-Baptiste, of Paris........261
Lepaute, Jean-Baptiste, of Paris
figures of Cloé and Urania........................................377-8
Riverside Manufacturing Co., Hammersmith
Bakelite electrically-rewound mantel clock.............196
Sarton, Hubert, of Liège............................................43
rotating dial, musical..............................................42, 43
trapezoidal, six dials.................................................43, 44
manufacture
American system..................................................208, 210, 220, 365-6, 488, 593-4, 597
clockmaking influence on Industrial Revolution......407-8
domestic clocks, outwork in................................386-7
dual, Barraud marine chronometer..........................404
pendule de Paris, research project.........................824
twentieth century clockmaking..............................388
manufacturer’s mark, see trademark; watch case maker’s mark
map of
Burgundian Netherlands in 1477 and Belgium........27
Moorfields, 1746......................................................480
Moorfields, 1799......................................................618
turret clocks, known, by William Leigh...................313
Maragna, Tony...........................................................220
For your further reading...........................................139-40, 271
Marconi Wireless Telegraph Company......................125
Mardin, John, of London, clock and watch spring maker, 482
Marfels, Carl..............................................................30
collection.....................................................................538

Antiquarian Horology
894
Margaret of Austria (1480–1530) ........................................34

clocks and watches mentioned in inventory of .................34
revival of Burgundian patronage ....................................34

Margate Time Ball
book on, by Mike Bundock ........................................733
restoration of, proposed ............................................733

marine timekeeper, see chronometer, marine; Harrison, John
marquetry case (see also Boule marquetry case)

part and counterpart ........................................678, 679
marquetry case, longcase clock
Clement, William, of London, bird and flower ............437
Dingley, Robert, of London .........................................686
Ethereinger, George, of London ................................737
Gretton, Charles, of London, bird and flower ............284-5
Grimes, Williams, of London, floral panel .................12
Jourdain, William, of London ....................................233
no movement, bird and flower ................................446
Quare, Daniel, of London ........................................714
floral ........................................................................586

Thomas, John, of Crewkerne, mahogany, Tree of Life ....566
Marriott, of London, observatory regulator ..................82

Marsh, Humphrey, of Highworth
lantern clock ..........................................................12, 154, 292, 444, 568, 720

Marshall, Samuel, of London, watchmaker ..................482
Marshall, Tim, lecture report .....................................126-7
Martin, John ..................................................................541
Martin, of Paris, observatory regulator .......................82
Martineau, Joseph, of London, observatory regulator ....82
Maskelyne, Nevil ..................................................118, 119, 258, 414
Massey, Edmund, of London
bracket clock, ¼ repeat, timepiece, basket top .............283
Massey, Edward, of London .........................................406
master clock, Garnier, Paul, of Paris, self-winding ....191-2
masterpiece, iron and steel tools ..................................831
Masters, Richard, of London, clockmaker ....................482
Masterworks Fund ..................................................733

Material Preservation, lecture by Matthew Read .........395-7

Mather, Daniel, of Liverpool, pinion wire and tool maker ..........................................................848

Matheson & Co, of Leith
marine chronometer, no. 3019 ....................................155

Mathison, Robert, of Edinburgh
longcase domestic regulator, friction rollers ...............157

Matthews, Martin, watch case maker ..........................178
Matthews, Ron .........................................................250, 412
lecture report ..................................................543, 688-9
visit report .........................................................689-90
marting .................................................................246

Maudsley, Henry .......................................................766
Maudsley, Sons, and Field .........................................247

Maximilian I, Holy Roman Emperor ...........................32
Maximilian III Joseph, Prince-Elector of Bavaria .......656
May, George, Railway Watches, letter .......................415
Mayer, Christian, of Mannheim, observatory regulator ....83
Mayer, Tobias, astronomer .........................................118
Mayes, Stanley ..........................................................814

Mayor, Jane, of London,
brass founder to clock trade ......................................615, 617, 619
family of ...................................................................620
will ...........................................................................620

Mayor, Jane & Son, of London, brass founders ..........617

Mayor, John, of London,
clock-brass and bell founder .................................482, 615, 622
advertisements, 1696, 1700–1703 ...........................616
family tree ..................................................................616
life of .....................................................................616-17

Mayor, Joseph, of London, brass founder ...............617, 621
Mayor, Thomas, of London,
brass founder to clock trade .............................482, 615, 619, 623
family of ..................................................................620
life of .....................................................................617
will ...........................................................................620

Maysmore, Humphrey, of Wrexham .........................95

Mazyarkin, Gennadiy, and Vladimir Yudkevich,
Graciously Bestowed ...The Gift, Presentation and Prize
Watches of the Russian Empire, Book 1, reviewed ......234-5

Mears, bell founder ..................................................516-17
Mégevand, Laurent ....................................................522
Mehmed III, Sultan ..................................................813, 814

Meinen, Warner, and Dennis and Laila Radage
The Gretton Book Project – September 2012, letter ....841-3

Meinen, Warner, and Dennis Radage
The Gretton Book Project – July 2011, letter .............133-6

Meis, Jos, Experiences at an Auction House, lecture ....545
Meis, Reinhard, A. Lange & Söhne – Great Timepieces
from Saxony: Volumes I and II, note of online review ....666
Melbourne, exhibition, 1880 .................................604-5
Melling, John, of Chester ...........................................96
Mercator, Gerardus ...................................................34
commemorative wrist-watch ......................................45

Mercer, Frank Anthony
obituary, by John Griffiths .......................................589-90
portrait .................................................................589

Mercer, Gurney ..........................................................590

Mercer, Thomas, Ltd, of St Albans .........................589-90, 597, 599
works regulator, Thomas Leyland of Prescot ............590

Mercer, Thomas, of London ......................................683
Meryon, Tom, and Simon Kerby
An Intriguing Swinging Clock, note .........................509-13

Mestrom, Ruud
Christiaan Jozef van Boom, of Venlo, lecture ..........413
metals
price and production in 18th century England ...........847
Metamec, savings clock .............................................834
Metropolitan Police Forensic Laboratory
report on screws in van Call clock .........................762-4, 774

Mezenberg, Leopold ..................................................123

collection ...............................................................123, 335-6, 346
family .................................................................335-6
portrait of ............................................................336

Mezger, Jeremias, of Augsburg, table clock ..........538
Meyborn, F., of Paris, watch .....................................539
Meyer, Steve .............................................................220

Meyrat & Perdrizet, calculator ....................................665
Midlands Section, see AHS, Midlands Section

Midleton, Viscount (Alan) ..........................................220, 261
history of BHI .......................................................457, 463, 464, 465, 467, 468

Miles, R.H.A. (Bob)
Synchronome, Masters of Electrical Timekeeping, book ...404
advertised ...............................................................108
reviewed ..............................................................102-4
military timepieces, sector clock .............................686-7
Miller, Justin J., Rare and Unusual Black Forest Clocks
note of online review.................................................665
Millet, William, of London, brass founder..................615
Mills, Ralph, of London.............................................842
Miro, Frères....................................................................594-5
misconceptions, widely held.....................................389-92
The Missing "Harrison" Table Clock,
by William Andrewes and Bob Frishman.................180-9
Mitchell, Arthur..................................................114, 673, 785
Library Notes..................................................120, 243
retirement as Librarian...........................................243
Mitchell, William, of London, watchmaker.................482
Mitchelson, Alex, of London
casting marks, on 8-day longcase clock by.................611
mock pendulum (clock), see false pendulum
Moinet, Louis..................................................364
Mole, John, The Sultan’s Organ –
The Diary of Thomas Dallam, 1599, reviewed...........813-14
Molina, of Madrid, observatory regulator...................83
Möllinger, Christian, of Berlin, observatory regulator.....83
Molotkow, Valentin..................................................376
Molyneux, of London
observatory regulator.............................................83
watch, duplex, ¼ repeat...........................................404
Molyneux, Robert, of London.................................683
observatory regulator, no. 159.................................83, 837
monastery clocks...................................................122-3
Monk, John, of London, observatory regulator..........83
Monkhouse, John, of London, observatory regulator.....83
Monkland, Richard, of Worcester
casting marks, on 8-day longcase clock by.................611, 612
monogram
‘IR’ and ‘JvC’.......................................................746-7
Montano, Benito Arias..............................................34-5
Montauban, General Charles Cousin........................360
moon dial, see lunar indication
Moore, Dennis..................................................89
Moore, John, of London, turret clock
Hereford Cathedral................................................254-5
Orleton, Herefordshire, St George’s church.............254
Moore, Thomas, of Ipswich
casting marks found on lantern clock by.................611
Moore, William, of London.....................................842
apprentices of......................................................842
Moorfields
development of..................................................479-80
Government Brass Foundry..................................480
horological and other craftsmen in area...............481
map of, 1746..........................................................480
map of, 1799..........................................................618
Moorfields and Clock-Brass Founders,
John A. Robey
Part 1: The Horological Trades in Moorfields.............479-86
Part 2: The Mayor Family and Other Founders...........609-23
Moorhouse, Dr John..............................................686
Design and Construction of
Automata and Singing Birds, lecture......................248
Moray, Sir Robert................................................353, 357
Morceock, John, of London, watchmaker.................482
Moreland, Thomas, of Chester, alarm watch..............405
Morgan, J. Pierpont
collection..................................................................538
The Great Collectors: J. Pierpont Morgan,
lecture by David Thompson..................................537-9
advertised.........................................................237
life of....................................................................537-8
obituaries of ................................................................539
Tompion, Thomas, of London, longcase clock...........856
Morgan, J. Pierpont, II (Jack)..........................237
Morley, Richard, of Idlicote (Warks), lantern clock.......444
Morris, Vernon..................................................676
Morse, Samuel..................................................833
Morton, Eric..................................................574
Morvs, from Gafenni, monk, cwyddau gofyn on behalf of..632
Moscow, tour report.............................................245
Mosigny, Pierre-Alexandre, composer......................378
Moss, Minnie, portrait of.......................................566
Mostert, Tristan..................................................651
Motel, Henri, of Paris (Jean-François Henri).............54-5, 66
features of work..................................................54-5
mottoes
The MOON is APPOINTED for SEASONS...........471, 472
Mors Ultima Linea Rerum........................................746-7
Mundum tradidit disputationi rerum..........................281, 349
That MAN is yet born who duly weighs an HOUR......471
On TIME’s uncertain DATE eternity DEPENDS........469-70
mounts, brass mouldings, on longcase clock
Quare, Daniel, of London........................................11
mounts, silver
Jones, Henry, of London, ¼ striking bracket clock.......730
movement, longcase clock, steel frame....................98-101
movement latches, see pillars, latched
Moxon, Joseph, of London, description of screw making..764
Mousy, observatory regulator..................................83
Mudge, Thomas, and William Dutton
observatory regulator...........................................83
Mudge, Thomas, of London
Roman striking, using racks...................................803
watch, Queen Charlotte’s.......................................259
Mueller-Maerki, Fortunat E.................................116, 256
book review, notification of online.........................665-6
Mühr, Prof. Richard................................................529
Müller, Simeon, of Prague, observatory regulator.......83
Munich
Glockenspiel..........................................................827
Nymphenburg Palace.............................................830
visit to...............................................................827, 830
museum
Aberdeen, Natural Philosophy Museum.................82
Amsterdam, Rijksmuseum........................................131, 132
Augsburg, Maximilian...........................................827
Basel, Haus zum Kirschgarten.................................231
Beijing, Palace Museum........................................361
Berlin, Wissenschafts-technisches Museum der Akademie der Wissenschaften..................83
Brunswick, Herzog Anton Ulrich.............................348
Budapest, Hungarian National Museum of Science and Technology 71
Cambridge
 Fitzwilliam Museum.............................................4, 256-7
Whipple Museum of the History of Science..............71, 78
museum, continued,

Chard.................................................................124
Chicago, Museum of Science and Industry...............336
Colchester........................................................541
Combe Mill, Oxfordshire........................................314-15
Copenhagen, Nationalmuseum................................465
Dresden
Mathematisch-Physikalischer Salon........................76, 78, 81, 85
Edinburgh, National Museum of Scotland..................78
Exeter, Royal Albert Memorial................................494
Florence, Museo Galilei..........................................82
Freiburg, Augustiner.............................................275
Friedberg, Wittelsbacher Schloss.............................827-8
Furtwangen, Deutsches Uhrenmuseum...............88, 527, 529
Geneva, Patek, Philippe & Co.................................231, 273, 361
Gräfenberg, Rammensee Turnet Clock......................832

Graz
Stadtmuseum........................................................75, 76
Styrian Land museum............................................75
Herrnshut, museum of local history........................79
Joure, Friesland.................................................837-8

Kassel
Astronomical-Physical Cabinet................................73
Hessisches Landesmuseum....................................73, 85
La Chaux de Fonds..............................................365-6, 456
Le Locle, Château des Monts..................................456
Leeds, City..........................................................736
Leiden
Boerhaave....................................................73, 81, 86, 128, 131-2, 650
De Lakenhal....................................................650, 651
Liège, Musée d’Ansembourg....................................43, 44
Liverpool............................................................406-7
William Brown Street............................................493

London
British Museum (see also Dingwall-Beloe lecture)....24, 37, 38, 40, 41, 48, 53, 87, 173, 250, 260-1, 574, 692
gothic table clock..................................................30, 32
British Optical Association....................................227-31
Clockmakers’ Company museum...........................815
The Clockworks....................................................381
Cox’s............................................................807-8

Foundling,
Clockwatching at the Foundling Museum.....................738
North Woolwich..................................................732
Science Museum................................................73, 85, 86, 87, 88, 256, 762
visit to...................................................................125
Victoria and Albert Museum................................237, 256
Wallace Collection...............................................261

Mannheim
Landesmuseum für Technik und Arbeit....................71, 84
Milan, Polid Pezzoli...............................................173
Mindelheim, Turmuhrenmuseum..............................829
Moscow, Polytechnic..............................................245

Munich
Bayerisches Nationalmuseum................................84, 830
Deutsches Museum................................................72, 79, 80, 82, 827
Neuchâtel, Musée d’art et d’histoire......................454-5
New York, Metropolitan Museum of Art..................237, 538
Nuremberg, Germanisches Nationalmuseum 30, 827, 831

Ottawa.............................................................76
Owermoigne, Dorset Clock Collection......................214
Oxford, History of Science................................78, 86, 309-10, 628, 819
Paris, Musée des arts et métiers...............................57-8
Prague, National Technical Museum.....................72, 81, 83, 87
Prescot..............................................................590
Rockford, Illinois, Time Museum.........................128, 251
Salthojbaden......................................................73, 79, 84
Schoonhoven, Dutch Gold, Silver and Clock............664
Seoul.................................................................86
Solihull, National Motorcycle Museum....................256

St Petersburg
Hermitage......................................................244-5, 376, 377
Pavlovsk palace....................................................376, 377-9
Sydney
Museum of Applied Arts and Sciences..................72, 73, 74, 78
Powerhouse Museum...........................................489-90

Utrecht
Speelklok........................................................38, 43
University.........................................................79, 81, 82, 83, 252, 413
Vienna
Clock Museum....................................................72
Museum of Applied Arts......................................87
Villingen-Schwenningen, Uhrenindustriemuseum........525
Washington, Smithsonian......................................84
Behring Center...................................................231
Whangerei, New Zealand.......................................545
Williamson, Williams College museum...................73
Württemburg, Landesmuseum.................................348

York
Fairfax House....................................................736
National Railway................................................415

Zaandam, Nederlandsche Uurwerk.........................128, 251, 413
musical automaton, rocking ship.............................637-42

musical clock
Almanus Manuscript..............................................29
anonymous early Flemish clocks...........................38, 39
Black Forest......................................................813
dulcimer, longcase....................................................684
Dutch or Belgian, organ........................................685
tunes from Mosigny’s ‘The Deserter’.........................378-9

musical clock, by
Achenbach and Schmidt, of Neuwied, Roentgen case..827
Borrell, Henry, of London, automaton table clock....445
Coleman, John, of London, automata.......................300
Cox, James, of London, agate-mounted...................725
Joosten, Leonard, mantel clock, rotating dial...........42, 43
Jourdain, William, of London.................................233
Leigh, William, of Newton-le-Willows
mahogany ¾ chiming longcase.............................471-3
Lovelace, Jacob, of Exeter, ‘Exeter clock’.................496-8
Pyke, George, of London, automata, organ...............296
Raingo, Zacharie, of Paris, orrery clock...................259
Sarton, Hubert, of Liège, rotating dial....................42, 43
Smith, Henry, of London, longcase.........................611
Smith, Samuel, of London
longcase clock movement, automata.....................20
Vallin, John, entrain of, chamber clock...................38, 39
Vallin, Nicholas, chamber clock, weight-driven.........37, 38

897
musical watch, by
Du Bois et fils, of Le Locle, automata, double-face........167
Lange, A., of Dresden, no. 1........................................122
Ransonet, Michel-Joseph...........................................837
Van Musschenbroek family, of Leiden..........................650-1
grotesque figure.......................................................650
Muston, George, of London and Bristol.........................363
observatory regulator (London)...................................83
Myatt, Paul, Dr Alan Shenton Award, 2011.....................373, 676
mystery clock
Houdin, Jean Eugène Robert.........................................449
mysterious circulator..................................................830

N
NAG Press..................................................................368, 460, 464, 468
Nagler, Oliver.........................................................831
nag’s head striking, see striking: nag’s head
National Association of Watch and Clock Collectors
(NAWCC), NAWCC Watches Online..........................845
National College of Horology.....................................176
National Grid, establishment of..................................489, 491
Naumann, Johann Friedrich, of Dresden
observatory regulator..................................................84
NAWCC Watches Online..........................................845
Negus, Thomas, & Co., of New York
chronometer, marine.................................................595
Nemean Lion, depiction of, sardonyx, on watch key........644
Nemes, John, of London, brass founder ......................614-16
Nemes, Robert (Neames), brass founder.....................614, 615
Nemes, Robert junior, brass founder.........................614, 615
Nenzelius, of Lund, observatory regulator......................84
Nefstüll, Johann Georg, of Würzburg, orrery...............84
New Light on Jacob Lovenlace, Clive N. Ponsford..........493-500
Newey, of York
Turret Clock Makers, letter from Andrew Carter..........691-2
Newey, Basil, of York................................................692
Newey, Geoffrey, MBE, of York.................................691
turret clock, York, St Martin’s..................................734-5
Newey, G.J.F., of York..............................................691-2
Newey, Roland (Dick), of York.................................692
Newman, David.........................................................814
Breguet Certificates, letter..........................................548
newspaper
L’Esprit de Journaux, January 1777..............................656
Exeter Flying Post, 14 June 1849................................493
Gazette de Liège, 3 July 1778.....................................42
London Chronicle or Universal Evening Post
1762, 31 August – 2 September.................................552
1762, 7 – 9 December.............................................552
London Gazette.........................................................669
Mercurius Politicus, 21–28 October, 1658...........347, 677
Newsum, Bartholomew, of London, table clock..........538
Newton, Chris............................................................519
Newton, Sir Isaac.......................................................355
Newton, John, of London, founder.............................618, 619
Newton, John (II), of London, founder.......................619
Newton, Samuel, of London, founder.........................482, 618-19
Newton, Samuel (II), of London, founder...................619
Newton-le-Willows, Cheshire, St Peter’s church........313-14
Nicholson, William, Journal......................................453
Nicole, Nielsen and Company.................................599, 602, 603
tournillon watch, unsigned........................................448, 582
visit to (by BHI, in 1889)..........................................217-18
watch, Dent no. 30666..........................................217, 218
Niggel, Pancratius (?), of Vienna, observatory regulator...84
night clock.............................................................246
case.................................................................8
Norant, John, silversmith...........................................637
Normal-Zeit, of Berlin.................................................394, 395
‘A Good Time in Berlin’ – the Remarkable
Clocks of Normal-Zeit, lecture by James Nye
advertised.................................................................532
reported.................................................................825-6
headquarters, c. 1910.................................................532
movement, with synchroniser.....................................532
Norris, Edward, snr, of London, clockmaker.................482
Norris family, motto................................................747, 761
bracelet clock, (Amsterdam).......................................677
longcase clock, (Amsterdam)......................................677
North, Bernard..........................................................408
North, John...............................................................811
North, Dr Tom..........................................................840
Northern Section, see AHS, Northern Section
Norton, Eardley, of London
astronomical clock....................................................259, 408
bracket clock
basket-top case.........................................................412
no. 1198, ¼ chiming................................................122
observatory regulator...............................................84
watch, Swiss fakes....................................................458
Note
Andrew, Neil, Further Notes on Jourdain Clocks...........232-3
Cowham, Mike, Joseph Knibb’s Roman Striking...........803-5
Cuss, Terence Camerer, Camerer Cus Datelines..........506-8
Handley, Neil, Watch Lorgnettes.................................227-31
Kerby, Simon and Tom Meryon
An Intriguing Swinging Clock....................................509-13
McKay, C. G. (Chris), Big Ben – New Discoveries
Part 1: PUNCH and the Bell......................................514-17
Part 2: Picture clocks: Tolling for the King..................799-802
Nowé (Nouwen), François, of London.........................40
Nowé (Nouwen), Michael, of London.........................40
watch.................................................................538
numbering system
Hampson, Thomas, of Chester and Wrexham...........89, 94, 96
Kessels, Heinrich Johann, of Altona..........................363
Master clock serial numbers, lecture by John Hubert....254
Quare, Daniel, of London.........................................789, 790
Nuremberg, visit to....................................................831
Nürnberg Burgunderuhr...........................................30-2
Nye, James 115, 116, 124, 381, 413, 492, 675, 682, 825, 838
The AHS: An Early History.......................................457-68
collection..............................................................258
Electrical Timekeeping, lecture.................................392-5
‘A Good Time in Berlin’ – The Remarkable Clocks of
Normal-Zeit, lecture.................................................825-6
advertised.............................................................532
lecture report........................................................129, 254, 413-14, 690
meeting report.......................................................838
portrait of.............................................................532

Antiquarian Horology 898
observatory, by location or name, continued,
Cape Town.........................................................837
Cape........................................................................72, 78, 83
Cardington, Whitbread’s.........................................73
Celle, von Ende.....................................................81, 85
Chislehurst, Wollaston’s..........................................78
Coimbra, University..............................................72, 74, 82
Copenhagen.........................................................547-8
Romé’s....................................................................85
Round Tower, Royal..............................................79, 81, 83
Cracow.................................................................72
University............................................................81
Cranbrook, W. R. Dawes’s......................................78
Darby, Penn., Sharon girls’ school.............................76
Djakarta, Mohr’s....................................................86
Dorpat (Tartu), Estonia, University............................73, 78, 82, 85, 87
Dresden
Mathematisch-Physikalischer Salon......................76, 78, 81, 85
Dublin, Dunsink.....................................................71, 73
Durham, University...............................................78
Earl of Dysart’s.......................................................78
Edinburgh, Calton Hill...........................................73, 84, 247
Eger, Hungary.........................................................71, 84
Eichstätt, Prince-Bishop’s........................................88
Florence, La Specola................................................74, 79, 82, 85
Frankfurt
Physikalischer Verein.............................................79
Royal (Paulskirche)................................................87
Freiburg, University.................................................75
Gdansk.....................................................................118
Wolf’s / Natural History Society............................82, 86
Geneva, Mallet-Favre’s...........................................71, 81, 86
Giessen, nr Marburg, Landgrave of Hesse’s...............74
Glasgow
Garnet Hill.............................................................71, 78
Macfarlane’s (University of Glasgow) .......................76, 86
Gotha, Seeberg.......................................................71, 79, 80, 83, 85, 86
Göttingen
Imperial (Gauß)........................................................70, 85, 86, 87
University.............................................................79, 82
Graz
Clock tower...........................................................75
Jesuit.......................................................................78, 83
Greenwich, Royal Observatory..............................71, 72, 74, 76, 78, 79, 83, 86, 87, 118, 212, 215, 258, 547, 680
Electrical Time Signals from the Royal Observatory,
Kenneth Cobb, short talk.....................................688
establishment and early history..........................414
The Greenwich List of Observatories (1970)...........70
trial number.....................................................205
visit to (by BHI, in 1875 and 1876).........................212-13
Hamburg
Bergedorf, University..............................................79, 85
Repsoold’s.............................................................85
Hartwell, Bucks, Lee’s.............................................88
Hayes, Kent, Hussey’s............................................78
Helsinki, University................................................78, 82, 85, 87
Hudson, Ohio, Western Reserve College..................83
Jena, University......................................................87
Kaliningrad, Königsberg.........................................79, 85, 87
Karlsruhe (Alba Iulia, Romania), Batthyany..............74, 85
observatory, by location or name, continued.

Kassel

Hesse Electoral.................................................84
Hesse Royal.....................................................73
Kew (Richmond)..............................86, 87, 88, 212-13, 215
Kiev, University.........................................76, 78, 81, 82, 86
Kingston, Jamaica, Macfarlane’s...............76
Klagenfurt.....................................................73
Klausenburg (Cluj-Napoca, Romania), University.....74
Kodaikanal.....................................................86
Korea, Kwanch’ondae...........................................86
Kremmünster, Benedictine.........................74, 78, 79, 84
Lapley, Staffordshire, Ward’s.........................74
Le Havre..........................................................69
Leiden..............................................................73, 81, 86
University.........................................................73, 81, 86
Leipzig

Royal (Pleßenburg)...........................................76, 84, 87
Royal University..............................................87
Town Hall.........................................................79
University.........................................................76, 86, 87
Lisbon

Jesuit...............................................................76, 82
Naval.................................................................75, 87
Liverpool, City....................................................83
London (see also Greenwich; Kew)

Blackheath

Groombridge’s...................................................78
Wrottesley’s......................................................78
Board of Longitude.............................................86
Count von Brühl’s.................................................83, 86
Deptford, Aubert’s..............................................74, 86
Highbury, Aubert’s..............................................71, 74, 86
Kensington, Sir James South’s.........................78
Portland Place, Henry Browne’s......................71, 73
Regent’s Park, Bishop’s.......................................72
Royal Society....................................................85, 86
Strand, W. Russell’s...........................................76
Surrey Street, Short’s..........................................76
Louisbourg, Nova Scotia, Holland’s..................76, 83
Lucknow, Royal..................................................83
Lund, University................................................79, 84
Madras

East India Company............................................71, 78, 83, 86
Petrice’s.............................................................86
Madrid, Royal....................................................82, 83, 85
Mannheim

Electoral Palatine Academy................................81
University .........................................................71, 81, 83, 84
Marischal College..............................................82
Marvejols, Labarthe’s.........................................75, 83
Milan, Brera.......................................................81
Montpellier.........................................................82
Danyz’y’s...........................................................74
Moscow, University............................................79
Munich, Bogenhausen, University......................72, 82
Naples, Capodimonte.........................................71, 72, 73, 76, 82, 84
Neuchâtel..........................................................191, 193
Neuwied, Kinzing workshop?............................79
North Carolina University, Chapel Hill, NC.........83

observatory, by location or name, continued.

Ochsenhausen, Benedictine (Royal Württemburg)......74
Oslo, Christiana...............................................79, 81, 84
Oxford, Radcliffe..............................................72, 78, 86, 628-30
Palermo, Royal..................................................73, 78, 83, 87
Paris.................................................................72, 81, 82, 118, 175, 548
Cagnolli’s, rue de Richelieu.................................85
chronometer trials..............................................66
Collège de France..............................................72
Collège Mazarine, Lalaille’s..................................82
Collège Royale...................................................81, 82
Colombes, de Courtanvaux’s...............................72
Delambre’s.........................................................75, 81, 87
Delisle’s, hotel du Clugny.....................................82
Ecole militaire....................................................81
Lalande’s, Palais Royal.........................................82
Le Monnier’s Capucin..........................................76, 82
Palais de Luxembourg, Delisle’s.........................72
Philadelphia, Central High School........................82
Pic-du-Midi.......................................................72, 82
Pisa, University..................................................76
Posen (Poznań), Jesuit..........................................72, 81
Prague, Klementinum.........................................72, 81, 83, 87
Remplin, Count von Hahn’s................................78, 79, 83
Richmond, King’s private, see observatory: Kew
Riga, Keussler’s..................................................72, 73, 79, 84
St Helena............................................................72
St Petersburg academy........................................71
Pulkovo..............................................................74, 78, 79, 83, 87
San Fernando, Naval..........................................74, 79
Schwetzingen, Elector Palatine’s.........................81, 83, 84
Shirburn Castle, Oxon, Earl of Macclesfield’s........76, 87
Shuckburgh’s......................................................71
Sligo, Cooper’s...................................................85
Slough, Herschel’s...............................................86
South African Astronomical..................................78, 83
Southampton, Drew’s..........................................72
Stockholm, Academy..........................................73, 74, 79, 84
Sydney...............................................................490
Dawes...............................................................86
Paramatta..........................................................72, 73, 76, 78
Tablee, NSW, Captain King’s.............................79
Toulouse............................................................82
Darquier’s...........................................................82
Garipuy’s...........................................................72, 82
Turin, Academy..................................................74, 82
Tuscaloosa, University of Alabama.....................74, 83
Uccle.................................................................83, 85
Uppsala, University.............................................76
Utrecht, University.............................................79, 81, 82, 83
Verona, Lyceum................................................85
Vienna

Jesuit...............................................................76, 87
Marinoni’s.........................................................70, 76, 77, 81
Polytechnic Institute..........................................75
Stephansdom.....................................................72, 85
University.........................................................72, 73, 76, 79, 85, 86, 87
Warsaw, University...........................................76
observatory, by location or name, continued,

Washington
  Georgetown College...........................................83
  United States Naval.........................................72, 75, 79, 84, 205, 364
  United States Navy Depot, Capitol Hill...................84
West Point, N.Y., U.S. Military Academy....................78
Weimar, Duke................................................................79
Williamstown, Mass., Hopkins’................................73
Wrocław (formerly Breslau)......................................85
Wrottesley, Lord Wrottesley’s....................................72
York, N. Pigott’s.......................................................81
Zurich
  Horner’s...............................................................84
  Feer’s.................................................................84

Oechslin, Ludwig, and Laurence Bodenmann
  «Philadelphia 1876», reviewed..................................365-6
  Oestmann, Dr Günther...........................................811-12
  Heinrich Johann Kessels, reviewed..........................363-4

Ogdan, Thomas, near Halifax
  longcase clock, lunar and date indication....................292
  oil bath, turret clock escape wheel...........................375

Oldenburg, Henry..................................................357
Oldenbourg, Henry..................................................357
Oliver, R. J. (Dick), of London...................................407
Oliver, Reverend George...........................................493
Olive, Thomas, of Cranbrook, casting marks found on
  30-hour posted-frame longcase clock by......................611
Omega, use of the co-axial escapement.........................305, 306
Oostrom, Anthonie van, of Amsterdam, bracket clock........224
 Orrery clock depicting and playing............................378-9
Clay, Charles, of London........................................259
Naples clock..........................................................834
Dallam, Thomas, of London......................................813
Dutch or Belgian.....................................................685

Lovelace, Jacob, of Exeter, ‘Exeter clock’....................496-8
Pyke, George, of London, automata................................296
Oriani, Cesaris, of Milan.........................................224
ormolu, manufacture of by Matthew Boulton..................540
Ornamental Turners, Society of................................176
Orelli, G. P. M., of Zurich.........................................490

Fraser, William, of London......................................360

Nelisfelf, Johann Georg, of Würzburg...........................84

orrey clock
  Raingo, Zacharie, of Paris......................................45, 260
  musical orrey clock..............................................259
Oslo, Institute for Theoretical Astrophysics...............79, 81, 84
Osterwald, Frédéric-Samuel......................................43
Orto, Heinrich......................................................453, 458
Ottoman Empire (Turkish market).................................807
Oudin, Charles, of Paris.........................................653
Ovain, Dafydd ap, monk, of Margam Abbey......................632
Owen, Ann Parry, and William Linnard
  Horological Requests in Early Welsh Poems.................631-6

Oxford
  Keble College.....................................................816
  museums, see under museum................................816
  Radcliffe observatory...........................................72, 78, 86, 628-30

P

Paille, of Paris, clock exhibited in 1853......................595
Paine, John, of Bloomsbury, turret clock.....................124
paint
  analysis of.........................................................344-5
  lead-tin yellow....................................................344, 345
painting, see portrait of
  pallets, disengagement of for setting to time...............342-3
Palmer, Dudley, FRS...............................................347-8
Pannell, Joshua, of Northallerton..............................841
papier-maché, wall clock, drop dial............................791-2
Papillon, watch, automatic winding............................659
paraloid, use in art conservation................................640-1
Paris (see also under observatory)
  exhibition, 1867..................................................597-8
  exhibitions, 1889, 1900.......................................607-8
  pendule de Paris, research project...........................824

Paxton & Frodsham, of London
  observatory regulator............................................84
Prattidge, John.......................................................616
Prattishow, church, depiction of Time..........................633, 634
Passement, Claude-Siméon, of Paris
  observatory regulator............................................84

Pasteboard
  Bonfils’ treatment................................................221-2
  clock
    Caffieri Mass.....................................................223
    [Duclos and] Rouy, Charles, of Paris.........................223-4
    Villemsens et Cie, of Paris...................................224-6
  Clocks of Pasteboard, Anthony Turner........................221-6
Pasteur, François, of Amsterdam, longcase clock..............369
Patre, Thimothée, of Rouen, locksmith..........................223
Patek, of Geneva, keyless work..................................592
Patek Philippe, of Geneva.........................................595-6

patent
  Huygens, Christian, ineligibility for English...............353
  Laver, Marius, use of transistor in clocks..................129
  Matheson, winding, no. 2416, 1880................................155
  Pauwe, electrical clock..........................................252
  Raingo, Zacharie, of Paris
    clocks with moving spheres..................................45
    Recordon, Louis, of London
      no. 1249, watch, self-winding..............................653, 660-1
      Shiers, Albert H., no. 419400................................490, 491
    Patterson, of London, bracket clock, ¾ repeat.............684-5
    Peachey, Geoff..................................................409
    Peckover, Richard
      longcase clock, 8-day, casting marks........................611
    Peeters, Cees, Hollandsche Horloges, reviewed.............663-4, 815
    Peffenhauser, Wilhelm, of Augsburg
      watch, agate case.............................................539
    Pellet, director of Cluses School..............................69
    pendule de Paris, research project...........................824

pendulum
  2-second, Greenwich and Copenhagen..........................547-8
  Anglo-American wall clock.....................................797
  books treating.....................................................368
  cursor weight.....................................................758, 758-60
  double bob..........................................................469, 470
  importance to accuracy.........................................387
pendulum, continued,

Pendulums – Theory and Practice,
lecture by Malcolm Pipes.................................685-6
three- and four-pendulum clocks..........................413
pendulum, compensating (barometric)..................542, 627, 689-6
Cambridge, Trinity College................................257
Sattler, Erwin, of Munich.....................................830
pendulum, compensating (temperature)..................118, 685
Elicott, John, of London........................................826
gridiron
false, “Harrison” table clock..............................181, 182, 184, 189
French mantel clock..........................................579
Janvier, Antide..................................................310
Silvani, of Paris, striking skeleton clock.................448
Vigné, James, of London......................................685
Kater’s.................................................................404
mercury, Arnold and Dent, of London...............628, 629
rhomboidal
Finney, Joseph, of Liverpool..............................407
Leigh, William, of Newton-le-Willows.................316, 317-18, 320, 325, 326, 328, 469, 470
zinc-steel, Thomas Buckney..............................624-5, 626, 627-8, 826
pendulum, early development of.........................387, 677
The Chimerical English Pre-Huygens
Pendulum Clock, by Sebastian Whitestone........281, 347-58
conversion to pendulum........................................350-1
exhibition, Going Dutch, Zaandam, MNU..........413
oscillation counter.............................................356
swinging clock possibly pre-1657..........................513
pendulum, false, see false pendulum
pendulum suspension (see also cheeks)
knife-edge, “Harrison” table clock.......................188
pendulum, unusually long..................................523
Sattler, Erwin, of Munich (Gräfelfing), 7.7 metre....829
Penney, David.....................................................246, 256, 257, 501, 608, 682
book review.....................................................366-8, 652-3
views on Huygens disputed................................352
Watches and Watchmaking, A Short Appraisal,
lecture...............................................................389-92
Pennock, John, of London, clockmaker...............480, 482
Penton, Charles, of London.................................482
pagoda-frame turret clocks.................................484, 541
Percy Dawson Medal, 2011, Rory McEvoy.............373, 676
Perin, of Amsterdam, watch..............................544
Perkin, David......................................................412
Perlet, watch, automatic winding, possibly inventor of......657
perpetual calendar, see calendar
Perrelet, surname of several makers mentioned
in Dubois archives.............................................659
Perrelet, Abraham-Louis
possible confusion with Perlet..............................657
watch, automatic winding,
possibly inventor of........................................42-3, 655, 661, 810
given name not mentioned...............................659
Perrelet, Louis-Frédéric, of Paris.........................66, 67, 68
brief life and features of work...........................55
pupils of..........................................................55-6
Perret, David, life of............................................193, 194
Perret, David, fils et cie, of Neuchâtel
astronomical regulator......................................191
electric remontoire used in mantel clock................193-4

Perrin, Reginald, habitual lateness to work of........395
Perron, Louis, of Besancon, escaïment..................224
Perrout, Jacques-Louis, de La Chaux-de-Fonds........43
Pettavel, escaïment, constant force.......................48
Pettin, Jean, of Bruges, goldsmith
neck-chain of the Order of the Golden Fleece........32
Nürnberg Burgunderuhr......................................31-2
Pfenninger, Johann Conrad, of Kassel
observatory regulator.........................................84
Philadelphia, Centennial exhibition, 1876........365-6, 598-600
Philip II, King of Spain.........................................38, 40
Phillips, Edouard................................................62-3, 64-5
Picard, Jean.......................................................118, 547
Pickford, Chris....................................................623
picture clock, Westminster, Great Clock............799, 800-1
Picture Gallery..................................................97-101, 501-5
Advertising card of Joseph Stanton.....................501
The clock-maker at his bench, Peter de Clercq.....561, 650-1
An interesting thirty-hour clock c. 1745 signed JP
Jeff Darken.........................................................97-101
Japanese pillar clock, Mike Cowham....................502-5
Portrait apparently of Edward Scrivener,
Sir George White.................................................648-9
Watch winding keys, Yves Droz..........................643-7
Piggott, Keith, views on Dudley Palmer’s clock.......348
Pill, A., of Vang, Norway, observatory regulator....84
pillars, latched
Graham, George, of London
longcase movement attributed to.......................168
Lindsay, George, of London, longcase clock........168
Tompion, Thomas, of London
bracket timepiece, ¼ repeating, ebony case..........170
pillars, screwed..................................................92
Hampson, Thomas, of Chester.............................95
pinion, lantern, fitted hypocloidial teeth...............835
pinion of report..................................................339, 340, 341, 778, 779
pinion wire drawing, illustration of 18th century....848
pins, calendar driven using pins instead of teeth....98-101
Pipes, Malcolm, Pendulums – Theory and Practice,
lecture.............................................................685-6
Pinney, Thomas, of London, watchmaker..............482
planetarium
Rouy, Charles, of Milan and Paris......................224
Thuriet, Isaac, of Paris..........................................547
Platt, Nigel.........................................................409, 840
lecture report....................................................125-6, 248
RAF Sector Clocks, lecture.................................686-7
visit report.........................................................125, 835-7
Platt, Paul, tour report, Somerset.........................124
Playnner, Henry R., Canada’s Master Watchmaker –
Henry R. Playnner and the Canadian Horological Institute,
Gary Fox, note of online review.........................665
Plomp, Reinier......................................................128
pocket chronometer, see chronometer, pocket
poetry, Horological Requests in Early Welsh Poems,
William Linnard and Ann Parry Owen.................631-6
Pohancenik, Rebecca.........................................388
articles by, Sebastian Whitestone’s comments on
The Intelligenzer … [A.H. XXXI 747-56]…347-8, 351
The Theorist … [A.H. XXXII 191–200]…348, 354-6
Politur, of Riga, observatory regulator.................84
Pons, Honoré, of Exeter

perpetual calendar, barometer, thermometer..............163

Pommer, A., of St Snd

longcase clock movement, Swedish..........................542

ponander watch....................................................297, 726

Pond, John, Astronomer Royal................................119

Ponsford, Clive N....................................................785

Ponsonby (Purvis), James, of Salisbury......................795

Pontifex, Russell, of London, watch-case maker...........482

pomander watch.......................................................

Pool, Jan

My first clock, talk.................................................544

three- and four-pendulum clocks..............................413

Poole, David

The George Daniels Educational Trust, letter.............692

Poole, James, of London............................................599

Porris (Purvis), James, of Salisbury...........................785

Porton, Matthew.....................................................373

portrait of

Bennett, Professor J. A. (Jim)....................................819

Bent, Colin..................................................................6

Bets, Jonathan..........................................................26

Bird, Derek..................................................................690

Brusa, Giuseppe.......................................................172

Bryden, Dr David J....................................................669

Bulkeley, Thomas, 7th Viscount...............................320

Carew, Miss Mary, of Crowcombe...........................495, 496

Cleaton, Martin..........................................................373

Connor, W. A...........................................................26

Cox, Brittany............................................................683

Crisford, Andrew......................................................307

Daniels, George.......................................................301, 304, 307

Darke, Dr Jeffrey (Jeff)............................................588

Dawson, Percy G......................................................385

Day, John E..............................................................177

Drover, Charles B.....................................................385

Foulkes, Robert K.....................................................385

Garnier, Paul, of Paris..............................................58

Gisze, Jorg (by Holbein)..........................................542

Gourieff, Mikhail.....................................................245

Grimthorpe, Edmund, 1st Baron..............................213

Higgins, Derek........................................................176

Higgon, David........................................................738

Huber, Jürgen..........................................................261

Ilbert, Courtenay Adrian...........................................385

Johnson, Ken...........................................................26

Knowles-Brown, F.H..............................................385

Kullberg, Victor.......................................................608

Lloyd, H. Alan........................................................385

McEvoy, Rory........................................................109

Mercer, Frank Anthony...........................................589

Metzenberg, Leopold.................................................336

Moss, Minnie...........................................................566

Nyc, James..............................................................532

Portier, Emmanuel, 1928–2011

New Light on Jacob Lovelace......................................552

New Light on Jacob Lovelace

perpetual calendar, barometer, thermometer...................

New Light on Jacob Lovelace

chronomètre de voyage.............................................58

escapements............................................................58-8

constant-force, models............................................57-8

Ponsford, Clive N....................................................785

Little Admiral returns after ten-month refit..................734-5

New Light on Jacob Lovelace.....................................493-500

Pontifex, Russell, of London, watch-case maker...........482

Pook, Les

synchronous clock information on website....................552

Understanding Pendulums, reviewed (short notice)........368

Pool, Jan

My first clock, talk.................................................544

three- and four-pendulum clocks..............................413

Poole, David

The George Daniels Educational Trust, letter.............692

Poole, James, of London............................................599

Porris (Purvis), James, of Salisbury...........................785

Porton, Matthew.....................................................373

portrait of

Bennett, Professor J. A. (Jim)....................................819

Bent, Colin..................................................................6

Bets, Jonathan..........................................................26

Bird, Derek..................................................................690

Brusa, Giuseppe.......................................................172

Bryden, Dr David J....................................................669

Bulkeley, Thomas, 7th Viscount...............................320

Carew, Miss Mary, of Crowcombe...........................495, 496

Cleaton, Martin..........................................................373

Connor, W. A...........................................................26

Cox, Brittany............................................................683

Crisford, Andrew......................................................307

Daniels, George.......................................................301, 304, 307

Darke, Dr Jeffrey (Jeff)............................................588

Dawson, Percy G......................................................385

Day, John E..............................................................177

Drover, Charles B.....................................................385

Foulkes, Robert K.....................................................385

Garnier, Paul, of Paris..............................................58

Gisze, Jorg (by Holbein)..........................................542

Gourieff, Mikhail.....................................................245

Grimthorpe, Edmund, 1st Baron..............................213

Higgins, Derek........................................................176

Higgon, David........................................................738

Huber, Jürgen..........................................................261

Ilbert, Courtenay Adrian...........................................385

Johnson, Ken...........................................................26

Knowles-Brown, F.H..............................................385

Kullberg, Victor.......................................................608

Lloyd, H. Alan........................................................385

McEvoy, Rory........................................................109

Mercer, Frank Anthony...........................................589

Metzenberg, Leopold.................................................336

Moss, Minnie...........................................................566

Nyc, James..............................................................532

portrait of, continued.

Potter, John, Archbishop of Canterbury...................495, 496

Read, Matthew.......................................................533, 683, 738

Rooney, David........................................................256

Scrivener, Edward (apparently).................................648-9

Thompson, David....................................................237, 260, 683

Tompion, Thomas, mezzotint.................................715

Walsh, Colin...........................................................26

Ward, Dr F.A.B........................................................385

White, Sir George....................................................259

Wynn, Sir John, of Gwydir.................................634

Pott, Thomas, of London, lantern clock.......................292

Potter, Albert, escapement, constant force...............48

Potter, John, Archbishop of Canterbury, portrait.........495

Potts, W., of Leeds....................................................461

turret clock..........................................................130, 214, 840

Poule, Emmanuel, 1928–2011

death of announced..................................................24

list of principal horological writings..........................175

obituary, by Anthony Turner.................................174-5

Powderham Castle.....................................................498, 499

bookcases by John Channon....................................498-500

Powell, Edward........................................................406, 673

book review.............................................................530

Librarian from 1 November 2011.............................243

Library News; Library Notes......................................537, 682, 823-4

Powley, John, of Asby in Westmorland

30-hour clock possibly by........................................97-101

The Practical Watch and Clockmaker.......................488-9, 490

Pratt, Derek...........................................................307

precision of timekeeping

measures and evaluation of.......................................203-5

nineteenth-century chronometers............................203-5

precision timekeeper, see chronometer; regulator;
timekeeper, marine

Prescot, visit to (by BHI, in 1877)

John Wycherley’s factory..........................................215-16

T.P. Hewitt’s factory site...........................................216

presentation watches, Imperial Romanov....................234-5

preservation, of historic material...............................395-7

Presgrave, David......................................................411

lecture report.......................................................249-50, 687-8

Prest, Thomas, keyless work......................................390-1

Preston, Corn Exchange.............................................326-7

Preston, Joseph & Sons, of Prescot.............................407

papers, acquired by NMM.........................................453

Price, Derek de Solla................................................123

Price, F.G. Hilton, collection......................................538

Priestley, Philip........................................................115, 608

British Watch Case Marks, letter..............................691

Corrections, letter....................................................263

For your further reading............................................269, 417-18, 695-9

obituary of John E. Day...........................................176-8

Prieur, Auguste..........................................................56

Prigg & Ansell, of London, clock and watch spring maker.....482

Prince, Charles (see also Princps)

Charles Prince, lecture by David Read......................125-6

Princps.................................................................690

electrical clock........................................................125-6

Prior, George, of London..........................................807
Prior, Robert, of London, bracket clock, lancet top........412
prize, see under AHS; see Percy Dawson Medal;
Shenton, F.G.A.; Student Bursary
ProClocks, of Ohio..............................................409
programme, AHS, see under AHS
Prowent, I., of Poland?
chamber clock, large iron.............................123, 335-46
Prowent, Polish manor and use of word....................345
Prytherch, William, of Ruabon.........................96
public house
clock designed for use in.....................................487-92
use of bell to indicate licensing hours.............487-92
Pugh, Humphry, of London............................807
Pulkovo, see observatory, St Petersburg, Pulkovo
pulley, chain, unusual form..............................100
Pulley, Robert..................................................25
pumice stone....................................................485
punch and die sets, used in clockmaking.................791
Punch (magazine), value as source of information....514
Pung, T., of King's Lynn, turret clock, Massingham....839
Purvis, James, of Salisbury.........................785
Pyke, George, of London.................................834
bracket clock, automata, organ.........................296

Q
Qianlong, Emperor.................................360, 362
Quare, Daniel, and Stephen Horseman, of London
longcase clock, no. 221, walnut.........................727
Quare, Daniel, of London
bracket clock
¼ repeat, ebony...............................................450
¼ repeat, ebony, calendar in arch.....................165
Daniel Quare 324, Terence Camerer Cuss........786-90
longcase clock
marquetry.....................................................714
month duration, walnut, brass-mounted..............11
walnut and floral marquetry.........................586
numbering system........................................789, 790
watch
nos. 106, 168, 237, 253, 391, 632......................790
no. 324, ¼ repeat and strike......................786-90
no. 3287....................................................786
no. 4108, 1714–5........................................786, 790
quarter chiming, see chiming, quarter
quarter striking, see striking, quarter
quartz clock
development of...............................................679
lecture by David Rooney.................................119
Quill, Colonel Humphrey...............180, 406
Quin, Robert.................................................373

R
Radage, Dennis and Laila
The Gretton Book Project – September 2012, letter....841-3
Radage, Dennis, and Warner Meinen
The Gretton Book Project – July 2011, letter........133-6
Radeloff, Nikolaus, of Gottorp........................688
Radem, of Paris.............................................603
Railway Watches, letter from George May............415
Raino, Zacharie, of Paris.........................43, 45
musical orrery clock.....................................259
orrery clocks.................................................45, 260
Ramsay, David, of London
watch, oval, gilt, Limoges panels.......................538
Randall, Anthony G.......................................46, 48, 65
Notes on the Escapement of an Anonymous
Chronometer attributed to Paul Garnier, letter......262
Ransonet, Michel-Joseph
musical watch..............................................837
The Ransonet family of clockmakers,
lecture by Lode Goukens.................................837
Rare and Unusual Black Forest Clocks, Justin J. Miller, 
note of online review...................................665
Rauschmann, Joseph, of Budapest, observatory regulator...84
Raymond, Charles, of Lydeway.........................555
longcase clock, oak, single-handed...............555
Read, David.................................................838
Charles Prince, lecture.................................125-6
The Electric Remontoire................................190-8
The Marine Chronometer in the Age of Electricity,
lecture......................................................679
The Synchronous Mains Revolution and
'Time Gentlemen, Please’..................................487-92
Read, Matthew........26, 116, 456, 637, 688, 824, 825, 838
Clocks for the Transit of Venus, lecture..............826
advertised.....................................................533
Material Preservation, lecture.................395-7
portrait......................................................533, 683, 738
Restoration of the Bowes Museum Swan, lecture....248
Read, Tim...................................................489-90
Read, William Robert and Margaret...............121
Recordon, Louis, of London
automatic winding, development of..................661
patent for automatic winding, no. 1249........653, 660-1
Redier, Antoine (Antoine-Jean-Joseph)................55, 56
brief life and features of work.........................66-7
Reed, Nicholas..............................................492
Rees, Abraham, Cyclopaedia............................46, 612
Reeve, Claude
Claude B. Reeve, letter from J. Malcolm Wild.....263
Registro Italiano Orologi da Torre..................839
regulation, rise and fall, see dial, rise and fall regulation
regulator (balance spring)
micrometer...............................................149, 197, 198
whiplash spring.............................................217
regulator, giant, Sattler, Erwin, of Munich........829
regulator, longcase, by
Arnold, John, of London, month duration...........80
Barwise, of London, domestic.........................716-17
Graham, George, of London, month duration........77
Mathison, Robert, of Edinburgh
striking, centre-seconds, friction rollers.............157
Vigné, James, of London, month duration..........685
Vulliamy, Justin, of London.........................408
regulator, mantel, Garnier, Paul, of Paris.........59
regulator, observatory
aid to hearing beat of....................................629
Astronomical Clocks in Observatories of the World
and their Makers, 1670–1850: a modified list, 
Jürgen Ermert............................................70-88
regulator, observatory, continued,
The Astronomical Regulator in Observatory Life,
lecture by Rory McEvoy..........................413-14
regulator, observatory, by,
Allam, of London............................................71
Arnold and Dent, of London, no. 308........72, 624-30
Arnold, John, and Son, of London...............71
Arnold, of London............................................71
Auch, Jacob, of Seeberg and Weimar...............72
Baird, of London.............................................72
Baker, Henry, of London.................................72
Balthazar, Henri, of Paris.................................72
Barraud, of London.........................................72
Baurnschmidt, Maximilian, of Vienna.............72
Berthoud, of Paris...........................................72
Biswanger, Bernard, of Prague.......................72
Bond, William Cranch, of Boston....................72
Boucher, Achille Jacques?, of Paris...............72
Bozek, Joseph, of Prague..................................72
Brass, Thomas, of Guildford............................73
Breguet, of Paris.............................................73
Brockbank, John, of London............................73
Bryson, of Edinburgh.....................................73
Bullock, Christopher, of London....................73
Bürgi, Jobst, of Kassel..................................73
Carstens, of Bremen.....................................73
Ceulen, Jan van, of The Hague.......................73
Charost, Jean-François, of Paris......................73
Closen, Jacobus van der, of Leiden................73
Cope & Molyneux, of London.........................73
Cottingham, Edwin T..................................414
Cromwheite, John, of Dublin.........................73
Cumming & Grant, of London.........................73
Cumming, Alexander, of London.....................73
Dent, Edward John, of London.......................74
no. 1317........................................630
no. 1906........................................630
Dermer, Johann Michael, of Ochsenhausen........74
Drabbel, Joshua, of London............................74
Ducomun, of Montpellier................................74
Earnshaw, Thomas, of London.......................74
Ellicott, John, of London.................................74
Ellicott, John, junior, of London....................74
Ens, Peter, of Stockholm.................................74
Fellwöck (Fellweck), Johann George, of Würzburg..74
Ferrbauer, Philipp, of Vienna......................74
Filling, Franziskus Salesius, of Freiburg........75
Fraunhofer, Joseph, of München.....................75
Frodsham, of London.....................................75
Gallonde, Louis-Charles (?), of Paris...............75
Geist, Joseph (?), of Graz...............................75-6
24-hour indication..................................75, 76
Golman..................................................76
Graham, George, of London.........................826
nos. 621, 675................................................76
Grimaldi & Johnson, of London.....................76
Grimaldi, Peter, of London............................76
Gropengeisser, of Philadelphia......................76
Gurkens, Johann Christian Friedrich, of Dresden..76
no. 1194...................................................78
Haley, Charles, of London.............................78
Hardy, William, of London.............................78
Haswell, Alexander, of London....................78
Hauth, F., of St Petersburg, no. 176.............78
Hawting, John, of Oxford..............................78
Hipp, Matthias..............................................191
Holmes, John, of London...............................78
Höschel, Christoph Caspar, of Augsburg........78
Howard, E., of Boston..................................826
Hubert, of London.....................................78
I.E. or I.F.............................................78
Illinger, Johann Baptist, of Kremsmünster......78
Imbser, of Tübingen..................................78
Janvier, Antidé, of Paris...............................78
Johnson, of Copenhagen................................79
Johnson, of London........................................79
Jones, Thomas, of London..............................79
Jürgensen, of Copenhagen..............................79
Kendall, Larcum, of London............................79
Kessels, Johann Heinrich, of Altona
nos. 1282, 1342........................................364
nos. 1324, 1365, 1366, 1388, 1418, 1448........79
Kinzing, Peter, of Neuwied............................79
Kittel, Adolph, of Hamburg............................79
Klingworth, Johann Andreas, of Göstingen......1, 79, 80
Knebel, B.R., of Amsterdam..........................79
Knebel, H.F., of Amsterdam...........................81
Köhler, Johann, Gottfried, of Dresden...........81
Kossek, Joseph, of Prague..............................81
Kropp, Johannes, of Mannheim......................81
Landtvaerk, Christiana, of Oslo....................81
Langham(m)er, Joseph, of Vienna....................81
Lefaucheur, Alexander, of Paris....................70, 81
Le Jay, of Paris...........................................81
Lepaute, of Paris.........................................81-2
Le Roy, of Paris...........................................82
Liebherr, Josef, of Munich.............................82
Lir..........................................................82
Lukens, of Philadelphia...................................82
Magellan, John Hyacinth de, of London..........82
Mahler, Franz Josef, of Munich......................82
Marriott, of London.....................................82
Martin, of Paris..........................................82
Martineau, Joseph, of London.......................82
Mayer, Christian, of Mannheim.....................83
Molina, of Madrid.........................................83
Möllinger, Christian, of Berlin.....................83
Molyneux, of London................................83
Monk, John, of London................................83
Monkhouse, John, of London........................83
Moyss......................................................83
Mudge, Thomas, and William Dutton, of London..83
Müller, Simeon, of Prague.............................83
Muston, George, of London............................83
Naumann, Johann Friedrich, of Dresden..........84
Nenzelius, of Lund.........................................84
Niggel, Pancratius (?), of Vienna....................84
Norton, Eardley, of London............................84
Nylander, of Stockholm.................................84
Parkinson & Frodsham, of London................84
Passement, Claude-Siméon, of Paris...............84
regulator, observatory, by, continued,
Perret, David, fils et cie, of Neuchâtel..................191
Pfinninger, Johann Conrad, of Kassel......................84
Pihl, A., of Yang, Norway........................................84
Pollut, of Riga.....................................................84
Rauschmann, Joseph, of Budapest...........................84
Reichenbach & Liebhart, of Munich.........................84
Reid & Auld, of Edinburgh......................................84
Repsold, Johann Georg, of Hamburg.......................85
Robin, Robert, of Paris..........................................85
Roemer, Olaus, of Copenhagen................................85
Rouman.............................................................85
Rutschmann, David (also Pater San Cajetano),
of Vienna...........................................................85
Sachs, Johann, of Vienna.........................................85
Schmidt [Schmied!], of Vienna................................85
Schwartz............................................................85
Seyffert, Johann Heinrich, of Dresden....................85
Sharpe...............................................................85
Shelton, John, of London.......................................70, 85-6, 628, 826
Shepherd, Charles, of London................................109
Shott, William Hamilton........................................414
Smith, C., of London...............................................86
Snellen, W., of Dordrecht.........................................86
Song I-yong, of Koryo University..............................86
Street, Richard, of London......................................86
Strigel, Georg Philip, of London...............................86
Thuret, Isaac, of Paris.............................................86
Tiede, Christian Friedrich, of Berlin........................86-7
Tompion, Thomas, of London................................87
Utzschneider & Fraunhofer, of Munich......................87
Utzschneider & Liebhart, of Munich.........................87
Vellauer, Johann, of Vienna....................................87
Voisin, Henri, of Paris..........................................87
Vötter, Johann Philipp, of Vienna...........................87
Vulliamy, Benjamin Lewis, of London
nos. 1126, 1426..................................................88
Vulliamy, of London.................................................87-8
Willard, Simon junior, of Boston, Mass....................88
Wispaintner, Georg Ignaz, of Eichstätt......................88
regulator, portable, Gallonde, Louis-Charles, of Paris...728
regulator, unspecified, Leyland, Thomas, of Prescot......590
regulator, wall, Higginson, Derek.............................176
Reichenbach & Liebhart, of Munich
(see also Liebhart, Josef; Utzschneider & Liebhart)
observatory regulator...............................................84
Reid & Auld, of Edinburgh, observatory regulator........84
remontoire
The Electric Remontoire, David Read.....................190-8
“Electrotra” patent..................................................197
François, Edouard, of Paris
giant chronometer carriage clock............................440
Harrison, John
H3........................................................................190
RAS regulator.........................................................26
Renaissance clock, Italian, 1571..............................835
Renaissance watch, “pomander”...............................297, 726
repeat, half quarter, watch......................................828
repeat, hours
McCabe, James, of London, no. 2960, carriage clock..577
rebound
Bennett, Sir John, of London
no. 2478, grande-sonnerie clock-watch....................601
repeat, quarter
Arnoux, of Paris, cartel timepiece............................431
Molyneux, of London, watch, duplex.........................404
Quare, Daniel, of London, watch, no. 324.............786-90
Windmills, Thomas, of London
watch, no. 8273, striking........................................786
repeat, quarter, bracket clock, by
Arlot, Thomas, of Sunderland, basket-top case........411
Cattell, William, of London, ebony timepiece, alarm...727
Elicott, John, junior, of London, walnut..................439
Francis, George, of London, ebonised......................291
Gerrard, John, of London, ebony, box, moulded........17
Graham, George, of London, ebony striking................721
Kipling, William, of London, turtleshell, 8 bells........436
Knibb, John, of Oxford, ebony timepiece,Alarm...8, 724
Knibb, Joseph, of London........................................152-3
Lowndes, Jonathan, of London, ebony timepiece........441
Massey, Edmund, of London, timepiece, basket top....283
Patterson, of London...............................................684-5
Quare, Daniel, of London
eyebony.................................................................450
eyebony, calendar in arch........................................165
Tompion, Thomas, of London
eyebony timepiece, alarm........................................170
no. 15, alarm timepiece............................................257
no. 121...................................................................148, 560
no. 205...................................................................560
no. 285, miniature striking.......................................280, 560
timepiece..............................................................156
unidentified maker, German....................................122
Windmills, of London, timepiece, offset date...........562
repeat, unspecified
Benson, James W., of London, carriage clock,
giant, porcelain mounted (Drocourt).........................723
Constantin, John, of London....................................710
Dent, of London, carriage clock.................................166
Drocourt, of Paris
carriage clock, giant, porcelain mounted..................723
Viet, Claude, of London, watch, Diana case..............542-3
Wood, Robert, of London
mahogany bell-top bracket clock............................571
replica (see also reproduction)
Daniels, George, watch, no. 1.................................409
de Dondi, astroarium, Paris Observatory....................175
Tompion, Thomas, of London
bracket clock, no. 222.............................................179
observatory regulator..............................................407
repoussé case, on watch by
Viet, Claude, of London, repeating..........................542-3
reproduction (see also replica)
Snowe, Nicholas, of Salisbury, wall clock..............835
Repsold, Johann Georg, of Hamburg
observatory regulator...............................................85
research
AHS Research Bursary.............................................244
The Challenge and Excitement of Research,
lecture by Andrew King............................................402-4
research request

Kibworth and Smeeton Clockmakers, Richard White
spherical musk-ball/pomander watches
restoration
Clock Case Restoration, lecture by Chris Ayres
enamelling
pinion, rusted
ship, small musical automaton
Shortt clock
Silver Swan
Synchronome master clock
Tunbridge Wells, West Station clock
Revolution, French (see also decimal dial clock)
reason to erase Royalist inscriptions
Republic
Republican calendar
Reynolds, Colin
Rhodes, Geoffrey
ribotta
Roberts, Dave
Reynolds, Sir Joshua
Rimbault, Stephen, of London
Riverside Manufacturing Co., Hammersmith
rise and fall,
Ritchie, Frederick James, of Edinburgh
dial, rise and fall regulation
Rivet, escapement, constant force

Ridout, Martin
AHS Website News
Bis from the Blog
restoration of Synchronome master clock
Riego, Miguel, of London
Rigaud, Stephen Peter
Riley, George, of London
Rimbault, Stephen, of London
mantel clock, dial by Johann Zoffany
Rimington, Isaac, of London
named in practice engraving
rise and fall, see dial, rise and fall regulation
Ritchie, Frederick James, of Edinburgh
time gun
Rivers, David, of London
clock and watchmaker
Riverside Manufacturing Co., Hammersmith
mantel clock, Bakelite, electrically-rewound
Rivet, escapement, constant force
roasting jack
Continental
A Kitchen Jack Turret Clock
Robbins & Appleton, of London
Robert, Henri
brief life and features of work
Roberts, Dave
Roberts, Derek
Roberts, Richard, turret clock
Roberton, J. Drummond
Roberval, Giles-Personne de
Robey, John A
A Large European Iron Chamber Clock
Leonardo da Vinci and the Earliest Known Clocks with Warned Striking
meeting report
Moorfields and Clock-Brass Founders
Part 1: The Horological Trades in Moorfields
Part 2: The Mayor Family and Other Founders
Robin, Robert, of Paris
Robinson, Robert, of London
Rochlitz, of Berlin, turret clock

Roemer, Olaus, see Roemer, Ole, of Copenhagen
Rogers, John, of Leominster
casting marks found on clock
laptop clock, miniature alarm
Rogers, Philip (1945–2012)
death of announced
rollers, anti-friction
Mathison, Robert, of Edinburgh
longcase domestic regulator
turret clock, c. 1721
rolling ball clock
Sayller, Johann, of Ulm
Roluhana, Toomas
Rombach, of Furtwangen
Pennsylvania “Dutch” clock
Romer, Ole, of Copenhagen
observatory regulator
visit to Greenwich
Romley, Robert, of London
clock and watch bell founder
trade card
Rompay, Paul van, and Eddy Fraiture
Clock & Watch Making in Belgium, 1300–1830
rondels, open, on watch case bezels
Rooke, Barlow, of London
Roosey, David
Rooney, David
portrait of
Rose, Ronald E., Carriage Clocks
Rosenwald, Julian
Roskopf, Georges Frederic
Rotherham & Sons, of Coventry
watches exhibited in 1851
rottenstone, mining, at Bakewell
Rouma, observatory regulator
Roumieu, Adam, of London, junior
Rousseau, J., tulip-form watch
Rouy, Charles, of Paris
pasteboard clocks
Royal Astronomical Society
Royal Society
AHS affiliation with
Harrison regulator
Royal Society
Royal Society of Arts
Rudolph II, Holy Roman Emperor
Ruel, of Rotterdam
Russen, of Manchester
trademark, “The Time O Day”
wrist-watch, no. 195195
Rutshmann, David (also Pater San Cajetano)
or Vienna observatory regulator
S

S.A. Des Horloges Électriques, of La Chaux-de-Fonds
mantel clock, Perret electric remontoire
Sabine, Robert
Shiers, Albert H., of London
- business card.................................................................491
- clock, public house bell-ringing..................................487, 488, 490-1
- life of.................................................................................491-2
- name board..................................................................492
- shopfront, 1985..............................................................492
- Short, James, of London, James Short, telescope maker, and his support for John Harrison, lecture by Prof. Jim Bennett, advertised..................................................819
- Shortt, William Hamilton.............................................102
- Short, James, of London, use of screwed pillars..............92
- Smith, John, and Sons, of London.................................611
- Smith, Henry, of London, longcase clock, musical 8-day, casting marks on......................................................611
- Smith, Howard............................................................519
- Smith, John, of Derby....................................................518
- Smith, John, and Sons, of Derby....................................518
- Smith, Gabriel, of Bethlem, use of screwed pillars....92
- Smith, Henry, of London, longcase clock, musical 8-day, casting marks on......................................................611
- Smith, Howard............................................................519
- Smith, John, of Derby....................................................518
- Smith, John, and Sons, of Derby....................................518
- Smith, John, and Sons, of Derby, reproduction.............835
- Smith, Sydney...................................................................125
- Smiths, 'Imperial' wrist-watch...........................................
- Smith, William, of Bristol..............................................484
- Smith, William, of London, pagoda-frame turret clocks.........484, 541
- Smiths, 'Imperial' wrist-watch.......................................287
- Smyth, Charles Piazzi, Astronomer Royal for Scotland......247
- Smyth, William, of London, turret-clock maker............482
- Soho (Birmingham), Clock Manufacturing in Soho, Handsworth, Birmingham, 1760–1934, lecture by David Hornsey..........................................................540
- solar time, see dial, solar time...........................................
- Somersall, Ann, of London, clock-dial engraver............482, 485
- Somersall, George senior, of London, clock-dial engraver..........................482, 484, 485, 623
- Somersall, George junior, of London, watchmaker.........482
- Somersall, George (son of Richard), of London............482
- Somersall, Mandeville, of London, clock-dial engraver........482, 484-5, 623
- Somersall, Richard, of London, watch and clock maker.....482
- Somersall, Mandeville, of London [possible error]...
- Somersall, Mandeville, of London [possible error]...
- sounding, John, of Alton, casting marks found on 30-hour hooded wall clock by............................................611
- Smeeton, Westerby, Kibworth and Smeeton Clockmakers,
  letter (research request)..................................................548
- Smelik, Mr, My first clock, talk...........................................548
- Smith & Goodrich, of Bristol, Conn..............................798
- Smith, Adrian, clockmaker at Windsor Castle..............259
- Smith, Alan, A Lifetime in Horology, lecture..................406-7
- Smith, C., of London, observatory regulator.................86
- Smith, Gabriel, of Bethlem, use of screwed pillars....92
- Smith, Henry, of London, longcase clock, musical 8-day, casting marks on......................................................611
- Smith, Howard............................................................519
- Smith, John, of Derby....................................................518
- Smith, John, and Sons, of Derby....................................518
- Smith, John, and Sons, of Derby, brief history................518-19
- Smith, Samuel, of London
- longcase clock movement, musical, automata.............20
- Smith, Sydney..............................................................125
- Smith, William, of Bristol..............................................484
- Smith, William, of London, pagoda-frame turret clocks.........484, 541
- Smiths, 'Imperial' wrist-watch.......................................287
- Smyth, Charles Piazzi, Astronomer Royal for Scotland......247
- Snellen, W., of Dordrecht, observatory regulator.............86
- Snelling, John, of Alton, casting marks found on 30-hour hooded wall clock by............................................611
- snobs.............................................................................96
- Snowe, Nicholas, of Salisbury
- wall clock, 1638, reproduction......................................835
- Soho (Birmingham), Clock Manufacturing in Soho, Handsworth, Birmingham, 1760–1934, lecture by David Hornsey..........................................................540
- solar time, see dial, solar time...........................................
- Somersall, Ann, of London, clock-dial engraver............482, 485
- Somersall, George senior, of London, clock-dial engraver..........................482, 484, 485, 623
- Somersall, George junior, of London, watchmaker.........482
- Somersall, George (son of Richard), of London............482
- Somersall, Mandeville, of London, clock-dial engraver........482, 484-5, 623
- Somersall, Richard, of London, watch and clock maker.....482
- Song I-yong, of Kyorv University, observatory regulator, (armillary clock)..................................................86
- South Eastern Section, see AHS, South Eastern Section
- Southern Section, see AHS, Southern Section

Design and Construction of Automata

and Singing Birds, lecture by Dr John Moorhouse........248
- skeleton chapter ring, see chapter ring, skeletonised
- skeleton clock
- Austrian, date and month indication............................299
- pasteboard....................................................................221-6
- Silvanii, of Paris, 3-week duration, striking..................448
- triple fusee chiming.......................................................584
- world time on 11 subsidiary dials, chiming..................563
- slave clock, Garnier, Paul, of Paris..............................191, 192
- slide rule
  Pocket-watch slide rules, Peter M. Hopp, reviewed........664-5
Antiquarian Horology

910

striking
24-hour.................................................................780, 781
double...........................................................................783
flail locking...............................................................775, 783-4
nag’s head...............................................................341, 342, 343, 409, 776, 781, 785
overlift in.................................................................340, 342-3
terms for........................................................................341
ribotta...........................................................................783
warned...........................................................................776, 780
invention of...................................................................775

Leonardo da Vinci and the Earliest Known
Clocks with Warned Striking

John A. Robey...........................................................775-85
use of by early Flemish makers..................................28, 784
warningless...............................................................341-2, 776
without fly.................................................................780

striking, double-six, Knibb, Joseph, of London........432-3
striking, grande sonnerie

Bennett, Sir John, no. 2478, clock-watch..................601
Breguet, Abraham Louis, no. 2354, carriage clock......708
Dunlop, Andrew, of London, bracket clock..............293
Knibb, Joseph, of London

bracket clock, double-6, skeleton chapters..............432-3
Tompion, Thomas, and Edward Banger, of London

no. 436, bracket clock..................................................257

striking, quarter (see also chiming, quarter)
anonymous early Flemish clocks..........................38, 39
Geraets, Michael, of Hasselt, mantel clock...............43
Gretton, Charles, of London, longcase clock...........284-5
Jones, Henry, London, bracket clock, silver mounts...730
Lovelace, Jacob, of Bridport, longcase clock............500
Quare, Daniel, of London, watch, no. 324...............786-90
Ward, Robert, of London, bracket clock, silver........22
Windmills, Thomas, of London

watch, no. 8273, ¼ repeat and strike......................786

striking, rack
double, Roman striking, Thomas Mudge..................803
lack of popularity in Dutch Republic.......................678
unusual, Anglo-American wall-clock.....................791, 793-6, 798

striking, Roman..............................................................686
Joseph Knibb’s Roman Striking, Mike Cowham........803-5
Knibb, John, of Oxford...............................................803
Knibb, Joseph, of London, longcase clock

month duration..........................................................803-5
month duration, ebony case....................................560
Mudge, Thomas, by double rack, ¼ repeat...............803
Quare, Daniel.............................................................803
Tompion, Thomas......................................................803
Stringer, James, of Coventry.....................................597
strut timepiece
Cartier, of Paris and Geneva.......................................582
Cole, Thomas, of London, no. 850............................158
Stuart, Susan E............................................................574
Stubs, Peter, of Warrington......................................614

Student Bursary, 2011, awarded to Martin Cleaton......373
study tours, overseas, see tour, overseas
Stumbels, William, of Tonnes, longcase clock...........500
Sullivan, Laurence.....................................................806
Sully, Henry.............................................................842, 843
Sunderland, William

Early English Clocks, 1550–1650, lecture....................835

spandrel, crown and sceptres, Cuff, James, of London.....164
spandrel, silver

Fromanteel, Ahasuerus II, Amsterdam, Hague clock......678
Graham, George, of London, ¼ repeat bracket clock...721
Jones, Henry, of London, ¼ striking bracket clock......730
Tompion, Thomas, of London, no. 385, longcase...564-5
Spark, George, hooded wall clock.............................412
speaking clock...........................................................256
Speakman, Thomas, of London, bracket clock..........568
Spencer and Perkins, of London

watches, automatic winding.....................................660, 662
Spencer Jones, Sir Harold...........................................464
Spier, Jan van, turret clock, Oudenaarde....................784
Spiere, Jan van, turret clock, Oudenaarde.................784
Spreat, William, of Exeter

lithograph of Lovelace’s ‘Exeter clock’......................497
Springfield Armoury, Illinois....................................488
springfree, watch.......................................................543
Stanton, Joseph, of Birmingham

Advertising card..........................................................429, 501
letter from Peter Gosnell.............................................691
Standard Time Company.............................................532
Stanislaw I Leszczynski, King of Poland....................837
Stanton, Edward, of London

lantern clock..............................................................12, 154, 292, 444, 568, 720
Stanton, Joseph, of London, brass founder.................615
Starr, Michael.............................................................642
Stedman, Richard, of Godalming, longcase clock,
30-hour posted-frame, casting marks on..................611, 613
Steer, Clive, Tunbridge Wells Station Clock, lecture...126-7
Stephenson, Judy........................................................133
Stevenson, Douglas K..................................................526
Stewart, A.D., Design and Precision of a
Small Eight-Day Chronometer by Barraud.............199-206
Still, Roger.................................................................116
stoelklok (stool clock)...................................................732
calendar, lunar and length of day indication..............252, 253
Stokes, William, of Stourbridge

hooded alarm wall clock.............................................292
Stone, John (Bristol area?), lantern clock...292, 444, 568, 720
Stone, John, of Aylesbury and Thame......................618
Stone, John, of Exeter, silversmith..........................497
Stone, Richard, of Thame............................................618
stop-watch (see also chronograph)

Graham, George, of London....................................109
Junghans.................................................................122
stop-work, Geneva.....................................................217
Strasbourg, Cathedral, second clock.......................811-12
Stratton, James..........................................................801
Street, Richard, of London, observatory regulator.....86
Stribbling, Benjamin, of Stowmarket, lantern clock....568, 720
Strigel, Georg Philip, of London, observatory regulator..86
strike/silent lever (see also dial, strike/silent)

Barwise, of London, longcase clock...........................716-17
Dunlop, Andrew, of London

bracket clock, grande sonnerie.................................293
Francis, George, of London

bracket clock, ebonised, ¼ repeat............................291
Hampson, Thomas, of Chester, longcase clock......92, 93, 94
Knibb, Joseph, of London, bracket clock...............152-3
Lindsay, George, of London, longcase clock.............168
sundial .............................................................. 831
  illustration of equinoctial, horizontal, cylinder, and old quadrant, c. 1450 .................. 34
sundial, maker
  Bonfa, Jean, at Grenoble ................................... 222
  Harrison, James, of Barrow ............................... 736
sundial, place
  Barrow-on-Humber, Holy Trinity church .............. 736
  Grenoble, Lycée de jeunes filles ........................ 222
  London
    Paternoster Square ..................................... 133
    Tower Hill ............................................. 133
sundial and sunset dial, see dial, sunrise and sunset
Supporting the AHS, David Thompson .................... 531, 667
Supremo, electric remontoire ................................ 195-6
  trademark .................................................. 195
Suso, Henry, Horologium Sapientiae ....................... 33-4
  suspension, knife-edge
    swinging clock .......................................... 511
  Vigné, James, of London, longcase regulator ............ 685
  Sutcliffe, John Hamer ..................................... 229
Swaine, Edd .................................................. 545
  swan, automaton, Silver Swan, conservation ........... 456
  swinging clock, An Intriguing Swinging Clock, Simon Kerby and Tom Meryon .................. 509-13
    arguments for early 17th century date ................... 513
    dial ...................................................... 512
    movement ............................................ 510-11
    suspension, knife-edge ................................ 511
    train count ........................................... 509
Swiss Manufacturing Association
  Melbourne exhibition 1880 .................................. 604
  Sydney, exhibition, 1879 .................................. 602-3
Sykes, Geoff .................................................. 255, 840
tour report, West Yorkshire ................................ 129-30
  Turret Clocks in New Zealand, talk ....................... 545
Synchronome Clock Company
  impulse dials ............................................. 103
  master clock, restoration of .......................... 838
  Synchronome, Masters of Electrical Timekeeping, by R.H.A. (Bob) Miles ............... 404
  advertised ............................................... 108
  reviewed ................................................ 102-4
  synchronous electricity supply
    decreasing reliability of .............................. 492
    effect on traditional mechanical clocks .............. 488, 490
    master clock for control of .......................... 489-90
    suitability for domestic timekeeping ................. 488-9
  synchronous clock information on website ............. 552
  The Synchronous Mains Revolution and
    ‘Time Gentlemen, Please’, David Read ................ 487-92

T

  tabatière ..................................................... 248
table clock
  domed top, silver filigree ................................ 827, 828
  represented in miniature, c. 1450 ....................... 33-4
  represented in tapestries, 1520 ........................ 35
  table clock, by
    Behaim, Caspar ........................................... 538
    Cox, James, of London, musical, agate-mounted .... 725
    Metzger, Jeremias, of Augsburg ......................... 538
    Newsum, Bartholomew, of London ....................... 338
    Tarot & Thuillier, of Geneva ........................... 252
  table clock, horizontal
    anonymous, hexagonal, triangular, and others ....... 2
  Creittmayr, Elias, of Friedberg ......................... 828
  Eichstedt, Johan, of Gdansk
    annual calendar, moon, sunrise and sunset .......... 19
  Troestenberch, Nicolaus (Claus) Van, of Brussels 35-6
  tapestry, showing table clocks
    Los Honores, by Pieter van Aelst ...................... 35
  Tarot & Thuillier, of Geneva, table clock ............... 252
  Tavan, escapement, constant force ..................... 48
  tavern clock ............................................... 738
  evolution of styles ....................................... 540
  possible reference to, 1726 ............................. 524
  restoration ............................................... 540, 837
  Tavern Clocks, lecture by Martin Gatto ................. 540, 837
tavern clock, by
  Ellsot, John, of Plymouth ................................ 286
  Howden, James, of Edinburgh
    ‘ear drop’ mahogany ..................................... 570
  Scafe, William, of London ................................ 6, 161, 286
  Webster, of Shrewsbury .................................... 294
  Taylor, Dr John C. (see also Chronophage) ............. 256, 675, 733
  background and inventions ................................ 24-5
  The Coster-Fromanteled Contract [XXXII 336–342], comments on by Sebastian Whitestone ............ 347-8
  Masterworks Fund ........................................ 733
  St Roche’s horological lecture 2011, The manifestation of time .................................. 24-6
  Taylor, John, of London, watchmaker .................... 482
  Taylor, Snowden ........................................... 798
  Taylor, William, of Oxford, turret clock, rack striking .... 840
  Telephone Manufacturing Company Ltd (TMC) ......... 125-6
  display at EHG meeting ................................... 690
  master clock for power station use ..................... 489-90
  Telephone Rentals Ltd .................................... 103
  lecture by Derek Bird ..................................... 690
telescope
  Hindley, Henry, of York .................................. 737
  Short, James, of London, reflecting altazimuth ....... 819
telescope, with watch
  Cox, James, of London .................................... 361
  Fraser & Son, of London
    no. 2243 and another .................................... 361
    no. 4647 .................................................. 361
    no. 4647 .................................................. 359-62
temperature compensation, see balance, compensation;
  pendulum, compensating (temperature)
tenor voice, rare taste and judgment shown in use of ........ 216
  Tensator mainspring, used by Derek Higginson ........... 176
  Terry, Eli, longcase movement ............................ 365, 366
  Terry, Samuel, turret clock, wooden movement ........... 366
  thermometer
  Cole, Thos., of London, no. 1512, desk compendium .... 9
  Polti, Charles, of Exeter, calendar, angle barometer .... 163
  thirteen, striking of by turret clock .................... 330-1
The Grange Collection at the British Museum: English Provincial Clockmaking 1695–1840: The Role of the Thirty-Hour Clock, advertised...13

An interesting thirty-hour clock c. 1745 signed J P, by Steve and Darlah Thomas........................................657

Thomson, Richard, of Godalming, posted-frame........611, 614

Lee, William, of Leicester..........................................................611

Ollive, Thomas, of Cranbrook, posted-frame........611

Savage, G., of Huddersfield, longcase, lunar calendar...13

Snelling, John, of Alton, hooded wall clock.............611

Stedman, Richard, of Godalming, posted-frame.........611, 613

Vernon, Thomas, of Ludlow.......................................................409

Thiry, André..............................................................................657

Thomas Hampson 'of Wrexham' – his Chester phase, by Steve and Darlah Thomas........................................89-96

Thom, John, of Crewkerne

longcase clock, Tree of Life inlay, day and gods...........566

Thomas, Seth............................................................................366

Thomas, Steve and Darlah

Thomas Hampson 'of Wrexham' – his Chester phase...89-96

William Leigh of Newton-le-Willows,
Clockmaker 1763–1824

Part 1:..................................................................................311-34

Part 2..................................................................................469-78

Thompson, David................................................................825

AGM 2012 and Election of Members to Council...........242

AGM 2013 and Election of Members to Council...........823

AHS Journal 2013.................................................................373

Chairman’s Report, 2011......................................................114-15

Chairman’s Report, 2012......................................................673-5

Collections; lecture...............................................................249-50

contribution to van Call clock symposium..178-9, 739-61

Introduction to January 2012 meeting.........................381-2

Jonathan Betts MBE............................................................680

A Note on the Keble Conference........................................816

obituary of Giuseppe Brusa..............................................172-4

portrait of............................................................................237, 260, 683

Supporting the AHS.............................................................531, 667

The Wall Clock Dated 1657 Signed Jan van Call....739-61

Thompson, David, and James Nye

New Affiliation for the AHS..................................................374

Thorn, Simon, [jun.], of Tiverton

longcase clock, 8-day, casting marks found on........611, 612

Thwaites, John, of London

longcase.................................................................611, 823

Thwaites, Aynsworth and John, casting mark...........609-10

Tiede, Christian Friedrich, of Berlin

observatory regulator..........................................................75

Greenwich Time Company..................................................826

Mercer, chronometer controlled.................................589

Normal-Zeit, of Berlin.........................................................394, 395

A Good Time in Berlin – the remarkable clocks of Normal-Zeit, lecture by James Nye..825-6

advertised..............................................................................532

synchronous electricity supply..............................395, 487-92

Wheatstone, Sir Charles.......................................................209

wireless...............................................................................103, 679

reception of Paris signal..................................................393, 394

time gun, Edinburgh.............................................................247

“The Time O Day”

trademark, Thomas Russell, of Liverpool..................391

Time Savings Clock Co..........................................................834

A Time-Telling Telescope,

Richard Dunn and Lavinia Maddaluno.......................359-62

Time Warped, Claudia Hammond, reviewed..............666

timekeeper, marine, see chronometer, marine; Harrison, John
timekeeping

address and lectures, 14 May 2011

21st Century Timekeeping,

Sir Arnold Wolfendale......................................................116-17

Timekeeping – 1550–1750, David Higgon.................117-18

Timekeeping – 1750–1930, Jonathan Betts................118-19

Timekeeping – 1930–1960, David Rooney...............119

of balance and foliot..............................................................388

consciousness of..............................................................520-1, 666

cultural history of..............................................................388

history of.................................................................809-10

industrial.................................................................388
to keep, continued,
precision of
increase in over last millennium.........................117
measures and evaluation of.................................203-5
nineteenth-century chronometers.......................203-5
timepiece (see also military timepieces)
Arnoux, of Paris, cartel, ¼ repeat.........................431
Cartell, William, of London
bracelet, alarm, ¼ repeat..................................727
Ferris Wheel........................................................409-10
Froodham, Charles, of London
carriage, month duration, no. 1/FMSS.................21
Graham, George, of London
no. 583, miniature lantern alarm......................282
travelling alarm................................................302
Knibb, John, of Oxford, bracket, ¼ repeat, alarm...8.724
Lindsay, George, of London, bracket, alarm...........581
Lowndes, Jonathan, of London, ¼ repeat bracket.....441
Massey, Edmund, of London, ¼ repeat, basket top...283
Tomson, Thomas, of London
bracket clock, ¼ repeat.......................................148, 560
bracket clock, ¼ repeat.......................................560
no. 504, walnut..................................................289
tourbillon............................................................764
Tomson, Thomas, of London
bracket clock
no. 121, ¼ repeat..............................................170
no. 15, ¼ repeat, alarm......................................257
no. 285, miniature striking and repeating............280, 560
‘Tulip’.................................................................649

timepiece
¼ repeat.............................................................156
ebony, ¼ repeat, alarm......................................170
no. 15, ¼ repeat, alarm......................................257
timeworks, Directions.......................................7
longcase clock
no. 118, walnut..................................................573
no. 385, walnut, month duration.........................564-5
no. 504, walnut..................................................289
walnut, month duration, ‘J.P. Morgan’..................856
observatory regulator.........................................87, 118
replica.................................................................407
portrait, mezzotint, Smith after Kneller.................715
timeworks, verge escapement, ½ second pendulum...407
watch, no. 307.....................................................789
Toolex Ltd..........................................................176
tools.................................................................24, 834
Black Forest clockmaker....................................813
ceramic houe, use as insulating surface................410
die.................................................................766
English adherence to use of old.........................602
file, German.....................................................221

fusee groove cutting.........................................827
Horological Tools, lecture by Ian Coote.................248-9
iron masterpiece...............................................831
lathe...............................................................249
Practical Lathe Work, demonstration by John Hatt..684
Mather, Daniel, of Liverpool..............................848
pinion wire drawing and dies.............................848
screw plate.......................................................764-5
screw stock, adjustable........................................765-6
Swiss excellence of in 1862...................................596, 602
tap.................................................................765
winding engine
Cooke & Sons, of York........................................596
unusual............................................................404
verge?..............................................................7
verge crown-wheel............................................827
Torin, Daniel, of London, watchmaker.................482
Torrens, Prof. David, memoir about by George Daniels..308-9
tour (see also tour, overseas; visit to)

East Anglia, virtual...........................................541-2
Hereford area, turret clocks................................254-5
London and surroundings..................................256-61
Newark area, turret clocks................................383-9
Norfolk area, turret clocks................................389-40
Somerset area....................................................124
West Yorkshire, turret clocks.........................129-30

tour, overseas
AHS Study Tour 2011, Susan Knight....................244-5
AHS Study Tour 2012, Susan Knight.................245, 374
Germany, 17–24 September 2012.........................826-32
London and surroundings, American section........256-61
St Petersburg and Moscow, 19–26 Sept. 2011.....244-5
French clocks.....................................................375-9
turret clocks.....................................................374-5
tourbillion..........................................................596
Daniels, George, pocket chronometer...................304
dent, of London, pocket chronometer...................296
double axis, Higgison, Derek..............................176
unsigned, Nicole Nielsen movement..................448, 582
wrist-watch, BHI 150.........................................410

Tovey, William & Co., of London,
watch and clock spring maker...........................482
tower clock, sev turret clock
Towneley, Richard, escapement.............................118
Townson, Samuel, of London, lantern clock..........444
trade, others combined with clock- and watch-making.....669
trade card
Barrow, W., and Lovelace, W., of London.............500
Ellis, Griffith, of London, brass founder..............618
Romley, Robert, of London, clock bell founder.....483

trademark
German factories.............................................524-5
Supremo...........................................................195
“The Time O Day”, Russell, Thomas, of Liverpool...391
train addition, musical clock............................473
train count.........................................................523, 524
Anglo-American wall clock...............................798
Call, Jan van, of Nijmegen, wall clock...............756
train count, continued,

da Vinci, Leonardo, drawing........................................778-80
East, Edward, of London, table clock...............................757
iron domestic clock, I. Proveny.........................................339, 341
musical automaton, small rocking ship...........................638
swinging clock ........................................................................509
transistor, use in domestic clocks....................................198
travelling box
Graham, George, of London, alarm timepiece.................302
travelling clock
Graham, George, of London, alarm timepiece.................302
Pott, Thomas, of London, wall alarm clock, hooded ...........292
"Wiener" Reisuhren / "Viennese" Travelling Clocks,
by Peter Fritsch, reviewed..................................................104-5
Treffeny, Timothy and Amyra (eds), BHI 150 –
a Seminar … June 2008, proceedings, reviewed.......105-6
Treherne, A. A. (Alan).................................................116, 406
Liberland Lever Watches, lecture.........................................406
Tremayne, Arthur..........................................................460-1, 463, 464, 465, 467, 468
Tribauedu, of Besancon.....................................................603
tripod timepiece, Cole, Thomas, of London..........................572
Tritschler, Mathä..............................................................528
Trostemberch, Jean Van, of Brussels and Bruges................30
Trostemberch, Nicolas (Claus) Van, of Brussels.........30, 35
horizontal table clock...........................................................35-6
Trosin, Dmitry.................................................................245
Tuck, Paul, tour report, Russia, French clocks....................375-9
Tucker, of London, turret clock............................................840
Tunbridge Wells Station Clock, lecture by Clive Steer........126-7
Tupman, James, of London, turret clock, maker...............541
Turner, Anthony...............................................................524
book review........................................................................664-5, 811-12
Clocks of Pasteboard..........................................................221-6
obituary of Emmanuel Poulle............................................174-5
Turner, Gerard L’Estrange, death of announced...............590
turret clock
BHI turret clock forum, 2012..........................................456, 839
books on............................................................................399-400
chair-frame.................................................................314, 316, 318, 319, 321, 322, 324, 326, 327, 330, 334
database.............................................................................400, 542, 545, 840
dial, carved stone..................................................................315
dial, concave.......................................................................709, 840
dial, ‘WATCH AND PRAY’...............................................709, 840
door-frame.................................................................254, 255, 783, 784
electrical................................................................................399
European, An Appreciation of European Turret Clocks,
lecture by Andrew Burdon...................................................840
fiat locking............................................................................783-4
Flemish, early, features of....................................................28
groups in other countries.....................................................400
hands, distinctive.............................................................709, 840
Leigh, William, of Newton-le-Willows...........................317, 318, 323, 327, 329
hands, ornate......................................................................323, 332
A Kitchen Jack Turret Clock?, letter, Chris McKay..........546
motion work.........................................................................332
universal joint.....................................................................327
museum
Gräfenberg, Rammsnee Turret Clock....................................832
Mindelheim, Turnuhrenmuseum.........................................829
turret clock, continued,
pagoda frame.......................................................................484, 541
preservation.........................................................................400
Registro Italiano Orologi da Torre......................................839
setting dial, two-handed....................................................315, 318
striking thirteen.................................................................330-1
Turret Clock Forum, (BHI, 12 September 2012). 456, 839
Turret Clocks, lecture by Keith Scobie-Youngs..................397-402
winding, solar-powered.....................................................840
wooden-framed.....................................................................541, 545, 545
turret clock, maker
Alker, J., of Wigan...............................................................325
Bailey, of Salford.................................................................130, 545
Baker, John, of South Petherton........................................124
Bryson, of Edinburgh...........................................................545
Butenop, I.N. and N.N., of Moscow......................................375
Clements, Anthony, of Mildenhall (2007)..........................840
Cooke, of York, Winwick, Cheshire....................................312
Cooke, Thomas, of York......................................................130, 735
Cope, of Nottingham............................................................839
Coster, Salomon, of The Hague.........................................131, 251
Cryer, Jonathan, of Bingley.................................................130
Cryer, William, of Carleton-in-Craven.............................130, 398
Cumbria Clock Company....................................................734
Dent, of London.................................................................840
Chislehurste.................................................................401
Westminster, Great Clock....................................................213-15
EV, wrought-iron frame mark.............................................124
Fanzago, Pietro.................................................................783
Frosham, Charles, of London, Sandringham....................840
Gand, Pierard de, of Tournai...............................................28
Gaydon, H. & E., of Brentford and Richmond....................107
Gaydon, of Barnstaple..........................................................107
Gents of Leicester...............................................................690
Gillett and Bland...............................................................211, 840
no. 7728, Tunbridge Wells.................................................126-7
Gillett and Johnston............................................................129-30, 400, 840
Green, Thomas, of Liverpool.............................................323-4
Harrison, James, of Hull......................................................399
Harrison, John.................................................................399
Holmes, John, of London.....................................................261
Horner, Charles, of Halifax.................................................130
Joyce, J.B., of Whitchurch.................................................838, 840
Knibb, Joseph, of London....................................................408
Lawson, of Hindley.............................................................322-3
Leeson & Son, of Coleshill, Leintwardine...........................254
Leeson, William, of Coleshill..............................................398
Leigh, William, of Newton-le-Willows.............................313, 314-15
Beaumaris, Anglesey..........................................................319-20
clocks possibly by.............................................................322-34
Llangefni, Anglesey, St Cyngar’s church............................321
Lyme Park, Cheshire............................................................317-18
map of known.....................................................................313
Prescot, St Mary’s church....................................................316-17
Preston, Corn Exchange......................................................326-7
Lietuijt, Johannes, of Delft....................................................29
Littlejohn and Son, of Wellington, New Zealand..............545
Lloyd, D., of Leominster, Bodenham, Herefordshire........254
Moore, John, of London
Hereford Cathedral............................................................254-5
Orleton, Herefordshire, St George’s church.......................254

Antiquarian Horology 914
turret clock, maker, continued.

Newey, Geoffrey, of York..........................734-5
Newey, of York.................................691-2
Nicolas, of Bruges.................................29
Paine, John, of Bloomsbury..................124
Penton, Charles, of London...............482, 484, 541
Potts, W., of Leeds..........................130, 214, 840
Pung, T., of King’s Lynn.....................839
Rochlitz, of Berlin..............................840
Russell, Benjamin, of Norwich............840
Selje, of Greenwich............................545
Smith, John, and Sons, of Derby...........331-2, 518-20, 840
*Cambridge,* Trinity College...............257
*Chard,* St Mary’s church....................124
*Orleton,* Herefordshire, St George’s church.................254
Smith, William, of London..................484, 541
Spere, Jan van................................784
Taylor, William, of Oxford..................840
Terry, Samuel.................................366
Thwaites and Reed.........................254, 545
Tompion, Thomas..............................397
Tucker, of London.........................840
Tupman, James, of London....................541
Uneman (Vrieman), Johannes and Williemus.................29
Vulliamy, B.L., of London, Windsor Castle..............408
Vulliamy, of London.........................257
Westmore, R., of Preston.....................325
Whitehurst, of Derby.........................838-9
Wignall, G. & J., of Ormskirk............327-8

turret clock, place (see also turret clock: museum)

Addingham, West Yorkshire, St Peter’s church...........130
Aston Cantlow................................541
Beaumaris, Anglesey, St Mary and St Nicholas........319-20
Beckingham, near Newark........................545
Birmingham, University.....................519
Bodenham, Herefordshire..................254
Bourges Cathedral...........................174
Bradford, City Hall............................129-30
Bretherton, Lancashire, Bank Hall.........334
Bruges, former, 1344..........................28
Bruges, former, 1362..........................28
Burnsall, North Yorkshire, St Wilfrid’s church........130
Cambridge
*King’s College*..................................541
*Trinity College*............................257-541
Carleton-in-Craven, North Yorkshire........130, 398
Castle Acre, Norfolk, St James’s church..........840
Castle Rising, Norfolk, St Lawrence’s church.........840
Caunton, Notts, St Andrew’s church..........838
Chard, Somerset
St Mary’s church................................124
Town Hall........................................124
Charlecote Park.................................541
Childwall, Liverpool, All Saints’ church........323-4
Chiogia, Venice...............................839
Chislehurst.....................................401
Chorgues, monastery of St Marie.............29
Clusone, Italy..................................783
Colyton, Devon, St Andrew’s church........124
Combe Mill, Oxfordshire.....................314-15

Combe St Nicholas, Somerset..................124
Cotehele House, Cornwall.....................783-4
Cottingham, West Yorkshire, Town Hall.................130
Courtrai (Kortrijk), removed to Dijon 1382............28
Cragg Vale, West Yorkshire..................130
Croft Castle, Heref., St Michael and All Angels......254
Dendermonde (Flanders)................................29
Deptford, St Nicholas’s church..................519
Dersingham, Norfolk, St Nicholas’s church........840
Dijon, c. 1350, plundered from Courtrai 1382............28
Dunstable Priory................................397
Exeter Cathedral..............................494
Exeter, St Stephen’s church....................494
Florence, Palazzo Vecchio........................129
Ganzhou........................................519
Ghent, former, 1377..............................28
Greenhalgh, Kirkham, Lancs, Beech Grove Farm........322-3
Greenwich, Naval Hospital....................261
Grimston, Norfolk, St Botolph’s church........840
Halsall, Lancashire, St Cuthbert’s church........327-8
Hanwell, Central London District Schools.........107
Haworth, West Yorkshire......................130
Haydock Lodge, Cheshire........................313-15
Hereford Cathedral..........................254-5
Hull (Kingston-upon-Hull), church.................692
Ipswich, St Mary at the Elms....................541
Kemble, London................................130
Leintwardine, Heref., St Mary Magdalen..................254, 255
Leyland, Lancashire
St Andrew’s church...........................333
Worden Hall....................................325
Llanelog, Royal Liver Building..................399, 690
Llangefni, Anglesey, St Cyngar’s church..........321
Llanthony Priory..............................632
London
Bracken House..................................133
City of London Turret Clock Project...............255
St Magnus’ church................................133
St Paul’s Cathedral............................519
Lyme Park, Cheshire............................317-18
Malines, former, 1371..........................28
Manchester
St Ann’s church................................130
Town Hall.......................................211
Margate, Time Ball.............................733
Massingham, Norfolk, St Mary’s church...........839
Meriden, East Midlands.......................398
Moscow, Telegraph building....................375
Musbury, Devon, St Michael’s church..............124
New Zealand.....................................545
Newton-le-Willows, Cheshire, St Peter’s.............313
North Muskham, Notts, St Wilfrid’s church.........839
Norwell, Notts, St Laurence’s church............839-9
Nottingham Hospital..........................838
Orford.............................................541
Orleton, Herefordshire, St George’s church......254
Oudenaarde....................................784
Owermoigne, Dorset Clock Collection..............214
Pembridge, Herefordshire.......................254
Prague, Jewish Old Town Hall.....................344
turret clock, place, continued.

Prescot, St Mary’s church.................................316-17
Preston
Corn Exchange..............................................326-7
Old Town Hall..............................................322-3
Queensbury, West Yorkshire............................130
Ribchester, Lancashire, St Wilfrid’s church............325
Rougham, Norfolk, St Mary’s church.....................840
Salisbury Cathedral......................................29, 398, 519, 775
Sandringham, Norfolk......................................839-40
Sefton, Merseyside, St Helen’s church....................329
Sheffield, Sharrow church..................................214
South Muskham, Notts, St Wilfrid’s church..............839
St Peters burg
Hermitage....................................................244, 374-5
Peter and Paul fortress.....................................244, 375
Stoke by Clare...............................................541
Stratford-on-Avon, Guildhall...............................541
Tunbridge Wells, West Station.............................126-7
Utrecht Cathedral..........................................131, 251
Walton-le-Dale, Lancashire, St Leonard’s church.......329
Wells Cathedral.............................................29, 398, 775
West Acre, Norfolk, All Saint’s church...............709, 840
Westminster, see Westminster, Great Clock
Westminster, Palace of, (former).........................29
Windsor Castle...............................................408
Winwick, Cheshire...........................................312
Worsley, Lancashire, St Mark’s church.................330-1
Wrexham, St Giles church...................................95
York, Coney Street, Little Admiral.................734-5
Turritano, Gianello, of Cremona and Toledo
astrium similar to de Dondi’s............................35, 38
seeks to repair de Dondi’s astrium....................35
turtleshell veneer bracket clock
Kipling, William, of London.............................436
Turtlief (Turtliffe), Thomas, of Exeter...............494
Tyler, E. J. (John)...........................................458
book publications listed..................................732
obituary, by Rodney Law..................................732
Tyte, Samuel, of Burcott, signature on Wells clock....398

U

Uffington, John, of London, clockmaker...............482
Ulhteg, Abigail...............................................641
Ulrich, John Gottfried, of London
escapement, constant force................................48
A Quest for Perfection: The Life of John Gottfried Ulrich, chronometer maker, Dee Helmore, reviewed........815
Uneman (Vrieman), Johannes and Willemus
turret clocks..................................................29
An Unmarked 8-Day Time and Striking
Spring Driven Movement, Peter Gosnell...............791-8
up-and-down indication, see dial, up-and-down
Upjohn, James, of London...............................115, 809
journal.........................................................382, 404
Upton Hall, see British Horological Institute
Utschneider & Fraunhofer, of Munich (see also Liebher)
avery regulator..............................................87
Utschneider & Liebherr, of Munich (see also Liebher)
avery regulator..............................................87
visit to, continued,
Harlington Hall..........................................................248
Lauriston Castle..........................................................121-2
London
British Museum..................................................260-1
Clockmakers’ Company Museum.........................259
The Clockworks......................................................258
Dennis Severs’ House.................................................689
private collection of electric clocks..........................690
Science Museum..................................................125, 256
Wallace Collection..................................................261
Whitechapel Bell Foundry..................................689, 835-7
Museum Joure, Friesland..................................837-8
National Motorcycle Museum................................256
Stratford-on-Avon area...........................................541
Upton Hall..............................................................261
Windsor Castle........................................................259
visit to (by BHI, in 19th century)
Bateman’s Manufactory (emery wheels).................215
British Telegraph Manufactory............................209, 210
Enfield rifle factory...............................................210, 211-12, 216
Ford & Co., diamond cutting factory....................212
Gillet and Bland, of Croydon...............................210-11
Gillet and Johnston.................................................218
Greenwich, Royal Observatory.............................212, 215
Hobbs, Hart & Co. clock manufacturers.................215
Kew Observatory....................................................212-13, 215
Nicole, Nielsen and Company...............................217-18
Prescot, John Wycherley’s factory.........................215-16
Prescot, T.P. Hewitt’s factory site...........................216
Thwaites and Reed..................................................216-17
Westminster, Great Clock........................................213-15, 220
Woolwich, Royal Arsenal........................................210, 220
Woolwich, Siemens Bros factory............................210
Vissière, Simon, of Argenteuil and Paris
brief life and features of work.................................68-9
Voisin, Henri, of Paris, observatory regulator...........87
Vonderen, Mrs Marijke van, My first clock, talk.......544
Voore, Tim..............................................................129
Vost, John, Channel Island Clockmakers 1680–1830,
reviewed...............................................................666
Vött(t)er, Johann Philipp, of Vienna
observatory regulator..............................................87
Vulliamy, Benjamin Lewis, of London..................408, 815
observatory regulator, nos. 1126, 1426.....................88
turret clock, Windsor Castle.....................................408
wall clock, no. 1297, drop dial.................................438
Vulliamy, Justin, of London
longcase regulator....................................................408
Vulliamy, of London
observatory regulator...............................................87-8
turret clock............................................................257
Vulliamy’s work at Windsor Castle,
lecture by Steven Davidson.....................................408

W

de Waart, brothers....................................................732
Waay, Cécile de........................................................38
Wael, Mr de............................................................38
Wagenaar, Willem Albert...........................................651

Walker, Charles, South Eastern Railway.....................688
Walker, Daniel, of London, watch case maker...........567
wall clock (see also tavern clock)
Alpine, iron, 1748.....................................................409
drop-dial, Anglo-American.........................................791-8
Shiers, Albert H., of London, licensing hours.........488, 490-1
Thuret, Isaac, of Paris.................................................745
wall clock, English dial, by
Allam & Caithness, of London, striking..................161
Anglo-American drop dial.........................................791-8
Bouffier, of London, verge timepiece.......................718
Cox & Savery, rosewood 8” drumcase.......................412
Gaydon, John, of Barnstaple.................................106
Russells, of Manchester............................................409
Salmon, Robert, of London......................................6
Thwaites, no. 3173, (Allam & Caithness)...............161
Vulliamy, Benjamin Lewis, of London
no. 1297, drop dial..................................................438

wall clock, hooded
Pott, Thomas, of London, travelling alarm..............292
Snelling, John, of Alton, 30-hour.........................611
Somerset, c. 1640, iron.............................................835
Spark, George, Scottish...........................................412
Stokes, William, of Stourbridge, alarm....................292
Wallis, John, mathematician.................................348, 349-50, 354-5
comment on receiving Horologium......................351, 354, 355-6
Walsh, Colin, portrait of............................................26
Waltham Watch Company..........................................366
advertisements.....................................................605, 606
display at exhibitions
1876 and 1878........................................................599, 600, 602
1885, ‘Inventions’...................................................606-7
success in Australian exhibitions, 1879, 1880........602-3, 604
watches, range of advertised, 1909.......................605
Walton-le-Dale, Lancs, St Leonard’s church, turret clock.329
Ward, Benjamin, of London, clock and watch maker...483
Ward, Dr F.A.B......................................................458, 459, 465, 466
portrait of..............................................................385
Ward, Robert, of London
bracket clock, silver, gilt mounts, ¾ striking, alarm.....22
Ware, William, of London, see Weare, William, of London
Warner, John, Thwaites and Reed,
Some Clocks and Experiences, lecture.....................248
Warner, John, of Draycott (Worcs)
lantern clock..........................................................444, 569, 720
Warner, John, of London, (‘Old John’), founder......621
Warner, John, of London, bellfounder.......................514, 515-6
Warner, Tompson, of London, founder....................621
Warren, Henry..........................................................491
Warren, Thomas, of London
watch, no. 1797, ‘trick’ painting on dial..................846-7
Washbourne, John, of Gloucester, lantern clock......12, 154
Wastell, John............................................................409

watch
alarm, see alarm watch
automatic winding, see winding, automatic
automaton, see automaton watch
belonging to, see watch, formerly property of
case, see watch case maker; watch, enamel-cased
chronometer, see chronometer, pocket
form watch, see watch, in form of
half-quarter repeating ........................................ 828
incorporating slide-rule .................................. 665
Queen Victoria’s Golden Jubilee ............................... 542
Railway Watches, letter from George May ................. 415
Renaissance, spherical musk-ball/pomander .................. 297, 726
slide-rule in form of ......................................... 664-5
Swedish, 1794 .................................................. 834

Watch & Clock Maker........................................... 460

watch, by (see also chronometer, pocket, by)
Arnold, John, of London, no. 1, keyless winding ........ 390-1
Arnold, of London, (Swiss made) .......................... 392
Beer, Jost de, of Amsterdam .................................. 544
Bennett, Sir John, of London
no. 2478, minute repeating grande sonnerie .............. 601
Berthoud, Ferdinand, of Paris
do. 4782, self-winding, pendular mass ..................... 654
Breguet, Abraham Louis ...................................... 708
Carcel, le jeune, of Paris
no. 420, self-winding, oscillating mass ...................... 654
Ceulen, Johannes van .......................................... 538
Champion, John, of London
agate case .......................................................... 539
Coventry Co-operative Watch Manufacturing Society, Queen Victoria’s Golden Jubilee ................. 542
Daniels, George, of London ................................... 585
Dent, of London
no. 30666 (Nicole, Nielsen) .................................... 217, 218
spring detent, tourbillon, full calendar ..................... 296
Du Bois et fils, of Le Locle
automata, musical, double-face .............................. 167
Fromantel and Clarke, of Amsterdam
movement, re-used ............................................ 252
Goullons, Jacques, of Paris, enamelled case ............... 539
Graham, George, of London .................................. 390, 685
centre-seconds stop-watch ..................................... 109
Gretton, Charles, of London, Royal collection .......... 133, 135
Harrison, William (son of John), no. 33 ................. 737
Henlein, Peter ................................................... 831
Lovelace, Jacob, of Exeter, movement .................... 494
Meyborn, F., of Paris ......................................... 539
Molyneux, of London, duplex, ¼ repeat ..................... 404
Mudge, Thomas, of London, Queen Charlotte’s .......... 259
Nicole, Nielsen and Co., Dent, no. 30666 ................. 217, 218
Nowen, Michael, of London ................................ 538
Peffenhauser, Wilhelm, of Augsburg, agate case ........ 539
Perin, of Amsterdam .......................................... 544
Quare, Daniel, of London
nos. 106, 168, 237, 253, 391, 632 ...................... 790
no. 324, ¼ repeat and strike ................................ 786-90
under-dial work ............................................... 788-9
no. 3287 ................................................................ 786
no. 4108 ................................................................ 786, 790
Ramsay, David, of London, oval, gilt, Limoges panels .. 538
Rousseau, J., tulip-form ........................................ 583
Ruel, of Rotterdam ............................................. 544
Rugendas, Nikolaus, of Augsburg
enamelled case with rubies ................................... 539
Samson, of London, (Swiss made) ......................... 392

watch, by, continued
Sarron, Hubert, of Liège ....................................... 42
Smith, of Bristol, gold champevé dial ....................... 581
Tompson, Thomas, of London, no. 307 .................... 789
Vallin, Nicholas, of London, Lesser George case ........ 538
Vernede, P., of Agen ........................................... 539
Warren, Thomas, of London
no. 1797, ‘trick’ painting on dial ............................ 846-7
Willoughby, John, of London, champevé dial .......... 10
Windmills, Thomas, of London
no. 8273, ¼ repeat and strike ................................ 786

watch case maker
Bell, Joseph, of London ........................................ 809
Billingshurst, Henry, of London ................................ 846
Ginn, William ..................................................... 787
Jacques, William .................................................. 787
Matthews, Martin ............................................... 178
Oliver, R. J. (Dick), of London ................................ 407
Ponney, Russell, of London .................................... 482
Walker, Daniel, of London ..................................... 567

watch case maker’s mark
British Watch Case Marks, letter from Philip Priestley .. 691
DW (Daniel Walker) ............................................... 567
HB (Henry Billingshurst) ....................................... 846
WG (William Ginn) ............................................. 787
WI (William Jacques) ........................................... 787

watch chain, iron or steel
manufacture in Woodstock .................................... 848
price of in 18th century England ............................ 848

watch, depicted in painting by
Breughel, Jan, the Elder, and Peter Paul Rubens ........ 41
watch, enamel-cased (painted enamel) ....................... 729
Bennett, Sir John, of London
no. 2478, minute repeating clock-watch .................. 601
de Court, Susanne, and Bernard of Paris .................. 237
French, mid 17th century ....................................... 237
Goullons, Jacques, of Paris .................................... 539
Ramsay, David, of London, oval, gilt, Limoges panels .. 538
Rugendas, Nikolaus, of Augsburg, with rubies .......... 539

watch, in form of
book ...................................................................... 831
guitar, handle of lorgnette ..................................... 230-1
lorgnette, see watch lorgnette ................................. 297, 726
telescope, see telescope, with watch ........................ 583

watch, formerly property of
Argyll, 2nd Duke of ............................................. 786-90
Bradley, James, Astronomer Royal .......................... 109
Handel, George Frederic ....................................... 738

watch-glass
bull’s-eye .......................................................... 367-8, 390
“unbreakable” ..................................................... 390

watch key, see key, watch

watch lorgnette
Baudin Frères, of Geneva ..................................... 227-8
Leresche, in form of guitar .................................... 230-1
unsigned, no. 2897 ............................................. 228-9

American, success in late 19th century.................................598-9
English adherence to outdated methods..........................602
complicated watches based on Swiss movements..............601
continuation of decline into twentieth century.................608
deficiencies in disguised by imports...............................601
falls behind Switzerland in 19th century.........................597-8
Swiss, ascendancy in 19th century..................................597-8
watch, presentation, Imperial Romanov..........................325
Wheel, John, of London, watch finisher..........................483
wheel-cutting engine, Cooke & Sons, of York...............596
Whichcote, Samuel, of London......................................842
Wheatstone, Sir Charles...............................................833
Wendelin, Godefroy......................................................355
Wempe, chronometer, marine........................................122
Webster, Richard, alarm clock.......................................405
Webster, Jeff...................................................................785
Webster, James..............................................................785
Webster, Malcolm R.......................................................453
Webster, of Shrewsbury, tavern clock.............................294
Webster, Richard, alarm clock.......................................405
Weld, C.R.................................................................597
Wempe, chronometer, marine........................................122
Wecare & Savill, of London, brass and regulus founders....621-2
Wecare, William, of London, brass and regulus founders....620, 621
Webbe, James, of Salisbury............................................785
Webster, Jeff...................................................................785
Webster, Malcolm R.......................................................453
Webster, of Shrewsbury, tavern clock.............................294
Webster, Richard, alarm clock.......................................405
Weld, C.R.................................................................597
Wempe, chronometer, marine........................................122
type 907......................................................................679
Wendelin, Godefroy......................................................355
Wesley, John...............................................................480
West Dean College ......................................................373, 456, 543, 683, 688, 838
(see also St Roche’s Horological Lecture)
West, Walter, of London, watchmaker............................483
Westminster, Great Clock..............................................213-15

Big Ben – New Discoveries, Chris McKay, note
Part 1: PUNCH and the Bell........................................514-17
Part 2........................................................................799-802
dent picture.................................................................799
moonlight picture.......................................................800-1
tolling for the monarch..............................................801-2
dial illumination..........................................................544

The Great Clock and Bells of Westminster,
lecture by Chris McKay..............................................544
visit to (by BHl, in 1875 and 1890).................................213-15, 220
Westmore, R., of Preston, turret clock..........................325
WG (William Ginn).......................................................787
Wheatstone, Sir Charles..............................................833
time distribution.........................................................209, 210
wheel-cutting engine, Cooke & Sons, of York...............596
Wheeler, John, of London, watch finisher......................483
Whitchcote, Samuel, of London.................................842

Whillies, Stewart.........................................................478
meeting report..........................................................545
tour report...................................................................254-5, 838-9
Whipple, George Mathews...........................................212
Whitaker, William, of Halifax, dial maker.....................474-5
White, Sir George.......................................................259
Portrait apparently of Edward Scrivener,
Picture Gallery............................................................648-9
portrait of.....................................................................259
White, Ian.....................................................................362
book review................................................................520-3, 666, 813-14

English Clocks for the Eastern Markets.
English Clockmakers Trading in China and
the Ottoman Empire 1580–1815, book.......................404
advertised...................................................................668
reviewed.....................................................................806-8

White, Richard, Kibworth and Smeeton Clockmakers,
letter (research request)..............................................548
Whitechapel Bell Foundry, visit, East Anglian Section...835-7
Whitehurst, of Derby....................................................518, 545
casting mark................................................................609
clocks made for Matthew Boulton...........................540
Whitestone, Sebastian.................................................171, 742, 745, 748

The Chimerical English Pre-Huygens
Pendulum Clock..........................................................281, 347-58
contribution to van call clock symposium.................179
For your further reading........................................136-8, 419, 549
No Second Rijksmuseum Clock.
Goodbye Samuel Coster, letter..................................131-3
coment by Dr Peter de Clercq.....................................416
Whitton, Richard, of London, brass founder..............615
Whitworth, Sir Joseph..................................................766
Whyte, Philip................................................................116
WI (William Jacques)....................................................787
Wickstead, Edward, of London, watchmaker...............483
Widrich, Johann............................................................785
Wightman, Philip, of London, founder.........................621
Wignall, G. & J., of Ormskirk, turret clock.................327-8
Wignall, George, of Ormskirk........................................328
Wijnen, Geert..............................................................128, 251, 252
Wild, J. Malcolm, Claude R. Reev, letter....................263
Widling, John..............................................................263
Willard, Simon junior, of Boston, Mass.
observatory regulator...................................................88
William & Son............................................................65
William Leight of Newton-le-Willows,
Clockmaker 1763–1824,
by Steve and Darlah Thomas
Part 1....................................................................311-34
Part 2....................................................................469-78
William, Dr Jonathan..................................................178
Williamson, George Charles.......................................538
Williamson, Joseph, PRS............................................355
Williamson, Timothy, of London.................................808
Willmoth, Dr Francis..................................................547
Willoughby, John, of London, watch, champleve dial....10
Wilmshurst, Stephen, of Odiham
longcase clock, 8-day, casting marks found on...........611, 613
Wilson, Harold..........................................................407
Wilson, James, Birmingham dial maker
false plates, ‘James Wilson’ ...........................................409
Wilson, Michael, of London, carpenter .....................813
Wilson, Mike ..............................................................124, 541, 685
Study Tour to Germany, 17–24 September 2012 ........826-32
Time on my hands, lecture ........................................123
winding, automatic
Berthoud, Ferdinand, of Paris
no. 4782, pendulum mass ...........................................654
Carcel, le jeune, of Paris
no. 420, oscillating mass ..............................................654
development of ..........................................................652-3, 656
Eterna, Eterna-Matic ...................................................410
fusee differential mechanism ......................................659-60
Gallmayer, Joseph, of Munich .....................................656
historiography ..............................................................655
invention of ................................................................42-3, 655, 661, 810
principal designs of .....................................................654
Sarton, Hubert, of Liège
sketch deposited with Académie des Sciences ..........658
watch deposited with Académie des Sciences ..........657
The Self-Winding Watch, book by Jean-Claude Sabrier
review by David Penney ..............................................652-3
review by Joseph Flores .............................................653-63
techniques for ...............................................................652-3
winding, keyless, Matheson & Co, of Leith
marine chronometer, no. 3019 ....................................155
Windmills, Joseph, of London
longcase clock, mulberry veneer, month duration ..........568
Windmills, of London
bracket timepiece ..........................................................562
Windmills, Thomas, of London
watch, no. 8273, ¼ repeat and strike .........................786
Winne, St Andrew St John ............................................532, 825
Winnerl, Joseph-Thadœus, of Paris ............................66
brief life and features of work .....................................68
Winterhalter & Hofmeier .............................................528
wire, history of ...............................................................838
Wise, John jnr, of London, clockmaker .......................483
Wisnpaindter, Georg Ignaz, of Eichstätt
observatory regulator ....................................................88
Withers, John ...............................................................394
Woerd, Charles Vander ...............................................366
Wolf .................................................................................56
Wolfendale, Sir Arnold ..................................................676
The Discovery of Cosmic Rays … and ‘time’, lecture ....676-7
President’s Address, 2011 .........................................116-17
Wolmuth, Bill ...............................................................388
Wood, Edward George, of London
barometer, banjo, double tell-tale .........................286, 288
Wood, Robert, of London
bracket clock, mahogany bell-top, repeat ..................571
Wood, Sir Henry .............................................................542
Wood, Thomas, of London, brass founder .................615
Woodburn, Anthony ......................................................286
wooden gearing .............................................................813
Woodstock
manufacture of watch-chains, keys, and buckles ..........848
Woolwich, Royal Arsenal
visit to (by BHI, in 1874 and 1890) .........................210, 220
Worshipful Company of Clockmakers
see Clockmakers, Worshipful Company of
Worsley, Lancashire
turret clock, St Mark’s church ...................................330-1
Worsley New Hall ..........................................................331
Wren, Sir Christopher ..................................................356
Wrench, John (I), of Chester ......................................90, 96
Wrench, William, of Chester .....................................96
Wright, Jan, restoration of Shortt clock ......................858
Wright, John, of London, lantern clock maker ..........483
Wright, Michael T ..........................................................552
collection to van Call clock symposium .................179
The Screws in the van Call Clock .........................762-74
wrist-watch
BHI 150 tourbillon .......................................................410
earliest known men’s ..................................................585
Russell, Thomas, of Liverpool, no. 195195 ...............391
incorporating slide-rule ..............................................665
The Invention of the Wrist-watch, lecture by Richard Edwards .................................................410-11
wrist-watch, by
Cartier, ‘Santos’ ..........................................................410-11
Daniels, George ..........................................................585
Eterna, Eterna-Matic ...................................................410
Genbrugge, Jean, of Flanders, and Vacherin Constantin, ‘Mercator’ ..............................................45
Russell, Thomas, of Liverpool, no. 195195 ...............391
Smiths of Cheltenham, ‘Imperial’, batch no. 614 ......287
Vacherin Constantin and Jean Genbrugge, of Flanders, ‘Mercator’ ..............................................45
Württemburg Clock Factory .........................................602
Wyatt, Lewis, architect ................................................317, 332
Wycherley, John, of Prescot, BHI visit to factory .......215-16
Wyke, John, of Liverpool ..............................................323, 765
Wylandt, Nicolaas, of Amsterdam, longcase clock ....369
Wynn, Sir John, of Gwydir ............................................634
portrait .................................................................634-35
Yardley, M .................................................................676
Yllmer, Andreas, of Innsbruck, astronomical clock ......1559, 353
Yonge, George, of London, carriage clock, (spurious) ..411
York, Fairfax House, exhibition, Keeping Time ..........736-7
Little Admiral returns after ten-month refit, Clive N. Ponsford ..................................................734-5
Young, William, architect ..............................684
Zeeman, Jaap .............................................................140, 413
appointed honorary member of Dutch section ..........252
meeting report .............................................................128
Zek, Yuna .................................................................808
Zenith-clock, Swiss .....................................................252
Zeus, depiction of, sardonyx, on watch key .........643
Zinatullin, Oleg ............................................................376
zodiac, see dial, zodiac signs
Zoffany, Johann, of London
dial of Rimbault mantel clock ....................................443
ANTIQUARIAN HOROLOGY

AND THE PROCEEDINGS OF THE ANTIQUARIAN HOROLOGICAL SOCIETY

INDEX

VOLUME XXXIV

March 2013 to December 2013

THE ANTIQUARIAN HOROLOGICAL SOCIETY
TICEHURST
MMXV
<table>
<thead>
<tr>
<th>Issue</th>
<th>Date</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>March 2013</td>
<td>1–148</td>
</tr>
<tr>
<td>Two</td>
<td>June 2013</td>
<td>149–292</td>
</tr>
<tr>
<td>Three</td>
<td>September 2013</td>
<td>293–440</td>
</tr>
<tr>
<td>Four</td>
<td>December 2013</td>
<td>441–588</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>589–633</td>
</tr>
</tbody>
</table>
LIST OF ARTICLES

Jan van Call and the age of the pendulum clock in the Netherlands
by Pier van Leeuwen --------------------------33

The van Call, a modern forgery
by Sebastian Whitestone --------------------- 42

Some thoughts on the van Call
by Terence Camerer Cuss ------------------ 52

The van Call clock discussion ------------- 54

The Pace family of Quaker clockmakers
by David Edmund Pace --------------------- 60

The mercurial chronometer balances of
Edward Thomas Loseby
by Phillip Arnott -------------------------- 72

Of clocks and cats
by Richard Dunn and Eóin Phillips ---- 88

Clocks and watches with enamels by
William Hopkins Craft – Part 1
by Ian White ------------------------------ 179

The time ball at Greenwich and the evolving methods of control – Part 1
by Douglas Bateman ------------------------ 198

Two clocks that changed the world. The birth of atomic timekeeping
by Ray Essen ----------------------------- 219

Big Ben as an electrical master clock
by Chris McKay ---------------------------- 235

The time ball at Greenwich and the evolving methods of control – Part 2
by Douglas Bateman ------------------------ 332

Clocks and watches with enamels by
William Hopkins Craft – Part 2
by Ian White ------------------------------- 347

Pennington of London: a brief history of the family, the firm and their chronometers
by A. D Stewart --------------------------- 367

Another unusual compact 8-day movement with rack & snail striking
by Peter Gosnell ---------------------------- 385

The time ball at Greenwich and the evolving methods of control – Part 3
by Douglas Bateman ------------------------ 471

Mechanical clocks in the medieval Castilian royal court
by Víctor Péres Álvarez ------------------ 489

The Porrvis clock of 1567 — the earliest surviving domestic clock made in England
by John Robey & Leighton Gillibrand ---- 503

Ole Rømer’s temperature correction of pendulum clock rates
by Poul Darnell ----------------------------- 519

Shaping the day in Wales: indications of awareness of clock time in Wales before 1800
by William Linnard ------------------------ 526
NOTES

Reflections on sixty years of ‘the Journal’
by John Plowman -------------------------- 100
Rare features on a clock by Jacobus Nauta
by Anton Vos ----------------------------- 102

Chronometer ‘Dent 1978’ at Aberdeen
by John S. Reid ---------------------------- 104
Time consciousness in the Aran Islands
by Alun C. Davies ------------------------- 539

PICTURE GALLERY

Three of a kind -------------------------- 94
One-day single-handed Augsburg spring
timepiece, c. 1680------------------------ 95

30-hour iron wall clock dated 1748 --- 240
INDEX TO VOLUME THIRTY-FOUR

Compiled by Andrew James

*Page numbers in bold type denote an illustration*

<table>
<thead>
<tr>
<th>Page</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>d'Abbadie, Count Antoine, observatory...424–6</td>
</tr>
<tr>
<td></td>
<td>Adams, Vic..................................................28, 29</td>
</tr>
</tbody>
</table>
|      | Adderbury  
|      | *North Oxfordshire Quaker Clocks*,  
|      | exhibition...........................................31–2 |
|      | Quaker Meeting House........................................32 |
|      | Addomine, Marisa, portrait.................................329 |
|      | AFAHA (Association Française des Amateurs d’Horlogerie Ancienne).........421 |
|      | headquarter..........................................422, 423 |
|      | Agustí, Joan, of Girona........................................327 |
|      | AHS (Antiquarian Horological Society)  
|      | for meetings see AHS, main meeting  
|      | for details of sections see AHS, name of section  
|      | AGM 2013 and conference  
|      | Keble College, Great Hall..........................172 |
|      | lecture reports......................................257–62 |
|      | minutes...........................................256–7 |
|      | AGM 2014, Greenwich.................................557 |
|      | Call for Papers.........................................264, 407 |
|      | AHS Prize for Francoise Collanges......................406 |
|      | AHS Study Tours 2013, Susan Knight....559–60 |
|      | Award, Dr Alan Shenton...............................2012, Peter Gosnell............26, 117 |
|      | *Bits from the Blog*......118, 263–4, 406–7, 557–8 |
|      | Calendar 2013.....................................116, 253, 405 |
|      | Calendar 2014........................................556 |
|      | Chairman's Report, 2013...............................254–6 |
|      | Council members........................................557 |
|      | functionaries........................................557 |
|      | funds and bursaries...................................255 |
|      | *How you can help the AHS*..........................551 |
|      | journal see Antiquarian Horology  
|      | library.................................................254 |
|      | *Library News*.............................................263, 407 |
|      | London Lecture Series 2014..........................558 |
|      | Percy Dawson Medal,  
|      | 2012, Steve and Darlah Thomas............26, 117 |
|      | presentation, changes to.....................26 |
|      | programme  
|      | Spring 2013........................................114–15 |
|      | Summer 2013...........................................251–2 |
|      | Autumn 2013............................................403–4 |
|      | Winter 2014............................................554–5 |
|      | publications...........................................255 |
|      | Member sought for Publications  
|      | Committee..............................................264 |
|      | Secretary's Notes....................................557 |
|      | Study Tour to Germany 2012.......................117 |
|      | Study Tour to the Netherlands 2013.............117 |
|      | website.................................................255 |
|      | AHS, American Section,  
|      | 18–28 April 2013, *Study tour of France*...416–26 |
|      | AHS, Dutch Section........................................27 |
|      | 22 September 2012, discussion, and  
|      | future of Schoonhoven museum clocks........126 |
|      | 17 November 2012, *Clock Construction*,  
|      | lecture by Cees Wijnberg.........................126–7 |
|      | 29 December 2012, *Development of the Silver Museum, Schoonhoven*...........269 |
|      | 26 January 2013, *Jan van Call of Nijmegen*, lectures, Bert Cremer and  
|      | Pier van Leeuwen.................................269 |
|      | 2 March 2013, *Bring and Discuss*.............269–70 |
|      | AHS, East Anglian Section  
|      | 24 November 2012, AGM, and  
|      | *Bring and Discuss*.................................122–3 |
|      | 16 March 2013, *Passing time in London*  
|      | Token, lecture by Trevor Blundell..........267 |
|      | 25 May 2013, *Thomas Bugge; and the Journal*,  
|      | lecture by Peter de Clercq..............411–12 |
|      | 16 July 2013, visit to The Clockworks........413 |
|      | 20 July 2013, *The Beccles*, lecture by  
|      | David Rooney.................................412–13 |
|      | 21 September 2013, *Huguenot Watchmakers in London from the 16th to the 18th centuries*, lecture by David Thompson......568 |
|      | AHS, Electrical Horology Group  
|      | 24 November 2012, AGM, and  
|      | tour of The Clockworks........................127–8 |
|      | 9 March 2013, *Patents*, lecture  
|      | by Steve van Dulken..............................270 |
|      | 8 June 2013, *Bring and Discuss*.............415 |
|      | 14 September 2013, *Pumping Time in Paris*,  
|      | lecture by Dr Mustafa Dikec........570–1 |
|      | AHS, main meeting lecture (see also AHS: AGM)  
|      | 15 November 2012, *Bankruptcy and insololvency in the English horological trade, 1720–1849*, Dr D. J. Bryden......118 |
|      | 10 January 2013, *James Short, telescope maker, and his support for John Harrison*, Prof. Jim Bennett.............119 |
|      | 16 May 2013, *Decimal Clocks and Ten Day Weeks: The French Republican Calendar*, Dr Matthew Shaw........407–8 |
|      | 18 July 2013, *Bahne Bonniksen and the Karrusel Watch Revisited*,  
|      | Dr Clare Woodward...........................558–9 |
|      | advertised...........................................249 |
|      | 19 September 2013, *The Time Ball at Greenwich*, Douglas Bateman........559 |
|      | advertised...........................................250 |
|      | 21 November 2013, *Justin Vullianmy and the Swiss Community *, Roger Smith advertised...402 |
AHS, Midlands Section
7 November 2012, The Evolution of the Pocket Watch, lecture by Philip Priestley 120–1
1 December 2012, AGM, and Bring and Discuss……………………………………121
4 December 2012, visit to Birmingham School of Horology……………………121–2
6 February 2013, The Atmos Clock, lecture by David Worthington…………265–6
6 March 2013, The Quest for Accurate Timekeeping, lecture by Nigel Platt……266
6 April 2013, Visit to Shrewsbury area…266–7
1 May 2013, The Life and Times of Edward East, lecture by Oliver Cooke……410
5 June 2013, Admiral Lord Nelson and the Commemorative Domestic Clock, lecture by Rory McEvoy………………………………410
21 September 2013 Restoration of a musical clock, lecture by Jim Arnfield……567–8
From Wreck to Respect, lecture by Brian (Sid) Lines………………….568
19–21 July 2013, Summer Tour, Cheshire………………………………………..410–11

AHS, Northern Section
12 July 2013, The Savage Family, Achievements and Adventures, lecture by Andy Blagg………………………………565–6
9 August 2013, Club Night: Damascened and engraved watch and clock dials……566
31 August 2013, visit to York………………….566–7
14 June 2013, Club Night – Sundials…409–10

AHS, Scottish Section
17 November 2012, Clocks I have worked on during the past year, lecture by Darren Cox……………………………………119–20
26 January 2013, Calton Hill Observatory and Thomas Henderson, lecture by Bruce Vickery………………………………264–5
27 April 2013, Ancient English Turret Clocks, lecture by Keith Scobie-Youngs……408
8 June 2013, visit to workshop of Lucas Marijnissen……………………408–9

AHS, South Eastern Section
6 October 2012, AGM, visit to Belmont, and Edward East, lecture by Oliver Cooke……123
1 December 2012, Complicated Carriage Clocks, lecture by Ron Rose………….123
2 February 2013, Bring and Discuss………….123–4
6 April 2013, The Equation of Time, lecture by Andrew James…………………413
1 June 2013, The Painted Dial, lecture by Hugh Cockwill……………………..414
3 August 2013, Mechanical Music, lecture by Ted Brown……………………..568–9
5 October 2013, AGM, and The Boezen Steam, lecture by Matthew Read……569–70

AHS, Southern Section, continued,
13 October 2012, AGM, and Complicated Carriage Clocks, lecture by Ron Rose…………………125–6
1 December 2012, quiz and Bring and Discuss……………………………………126
9 February 2013, Waltham Riverside Maximus, demonstration by Owen Gilchrist……267–8
13 April 2013, English Clock Systems Ltd, lecture by Martin Ridout…………268–9
18 May 2013, George Graham, lecture by Rory McEvoy…………………414
7 September 2013, Water and oil gilding, lecture by Judith Wetherall………570

AHS, Turret Clock Group
11 May 2013, Tour of West Sussex………….270–1
5–6 July 2013, Tour of Cornwall………….415
11–12 October 2013, AGM and Tour of York………………………………….571
Airy, Sir George Biddell……87, 206, 214, 218, 378
“Airy’s Bar” adjustment………….83, 85
portrait of…………………………….216
specification for Great Clock of Westminster………….235–6, 239
views on E.T. Loseby………………..78, 81
Aked, Charles K……………………………..86, 87
alarm clock……………………………………540
Aragon, 1376………………………………….493
monastic carriage clock, anonymous?………………17
intarsia depictions…………149, 171, 275, 428–9
unsinged, hoop and spike…………………312
alarm clock, by Fleetwood, Robert, of London, bracket clock……………..160
Harvey, Robert, of London, lantern clock…………306
Knibb, John, of Oxford bracket timepiece, ¼ repeat……20, 162, 464
Porrvis (Purvis), James, of Salisbury, Gothic clock…………………..507
Roskell, hoop and spike clock………………126
Tompson, Thomas, of London
30-hour striking longcase clock…………449
Underwood, of London, bracket clock………….160
West, Thomas, of London, bracket timepiece 10
Alfonso IV, King of Aragon……………...491
Alfonso X el Sabio, King of Castile…………492
All British Escapement Company………….325
Alxandrex, Dom Jacques, Abhandlung von den Uhren … , 1763, title page……….154
Alpine regions, iron clocks made in, characteristic features of movements……241–5
Ammepenn, Johannes, and Herbert Dietrich, Das Deutsches Einheits-Chronometer …, reviewed………….108–9
Álvarez, Victor Pérez, Mechanical clocks in the medieval Castilian royal court…………489–502
American Section, see AHS, American Section analemma…………………..413
Andrew, Ben, of St Austell, turret clock.................415
Andrewes, William J.H.................................32, 176
Anés, Pere, of Girona, turret clock.....................327–8
Anglo-Celtic Watch Company..........................325–6
Annwyll, Lewis.............................................535
Another unusual compact 8-day movement
with rack & snail striking, Peter Gosnell...............385–93
Ansell, Jonathan..............................................411
Ansonia Clock Company, “regulator”..................124
Antel, Johann, of Brunn (Brno), turret clock........127
Antikythera mechanism....................................417
Antiquarian Horological Society, see AHS
Antiquarian Horology
changes to layout and typography: 26, 172, 255
comments by Chairman.................................254–5
digitization of................................................324
editors listed, 1953–2013.................................101
first issue......................................................101
methods of production of............................100–1
tool peer review system..................................468
Reflections on sixty years of
“the Journal”, Note, by John Plowman..............100–1
talk by Peter de Clercq.................................411–12
apparent time (see also under dial indications:
equation of time and solar time).....................413
Applebee, Mike..............................................568
appointment clock, DDR presentation.................140
Aragon
archive, royal.................................................492
rules of.........................................................491
Aran Isles, Time-consciousness in the
Aran Isles, by Alun C. Davies.........................539–40
arbor, mainspring, unusual.............................358
Archer, Walter, of Stow on the Wold
wall clock, 30-hour hoop and spike clock...........13
archive
Aragon and Castile, royal..................................492
Breguet, of Paris..............................................257
Longitude, Board of, digitization.....................88, 324, 331
Armstrong, Dean.............................................416
Arnaldi, Mario, De Cursus Solis. Medieval
astimbalic sundials, reviewed.........................246–7
Arnfield, Jim, Restoration of a musical
clock, lecture................................................567–8
Arnold, John, of London
chronometer, marine
no. 14................................................................90
no. 82..............................................................90, 91, 93
no. 176............................................................90, 91, 93
Arnold and Dent, of London
chronometer, marine
no. 640............................................................382
no. 994............................................................83
Arnott, Phillip, The mercurial chronometer
balances of Edward Thomas Loseby..............72–87
artist
Boucher, François.............................................179, 353
Call, Jan van, junior, of Nijmegen.....................40
Fouquet, Louis Vincent, Brancas Quay..............457
Hamilton, Gavin.............................................364
Maxwell, Donald, View from Greenwich..........334
artist, continued,
Pyle, Robert
The Four Seasons.................................353, 354
Miss Williams................................................354
Rhodes, David................................................179
Spenceley, Charles........................................122–3
Ryland, William Wynne...............................193, 194
Watteau, Antoine.........................................353
Wyllie, W.L.
View of Greenwich, 1924.....293, 323, 333–4
Yeats, Jack Butler.........................................539
astrolabic clock (see also astronomical clock)....493
astronomer
shipboard, duties of on expedition................89–91
telescope-making skills of.............................119
Astronomer Royal
5th, Nevil Maskelyne, papers digitized.............331
6th, John Pond, FRS......................................198, 202–4
papers digitized.............................................331
7th, Sir George B. Airy.................................87, 206, 214, 216, 218
astronomical clock
Asten”, Klok & Peel Museum.........................564
York Minster................................................567
astronomical clock, by
Garnier, Paul, of Paris..................................419
Janvier, Antide, of Paris.................................416
Kara, Frank, of Radom district.........................110
Kusnezev, Jegor, of Nizhne-Tagilskii..............110
Sabadkin, Lew, of Tver..................................110
Woloskow, Trenti, of Rschew........................110
astronomical compendium, see compendium,
astronomical, sundial
astronomical instruments
d’Abbadie, Antoine........................................424–6
Romer, Ole..................................................519–24
Atkins, Francis, of London, English dial clock..304
The Atmos Clock, lecture by David Worthington..265–6
atomic clock
Atomichron...................................................227, 230, 231–2
Besançon observatory..................................423
cesium fountain (NPL-CsF2)..........................233, 234
commercial failure in UK...............................229
development of first NPL (NPL1)....................219–23, 234
growth of use of.............................................230–4
Hewlett-Packard..........................................232
history of.....................................................219–20
portable (NPL2½).........................................226–30, 234
Two clocks that changed the world.
The birth of atomic timekeeping,
by Ray Essen.............................................219–34
use of..........................................................219
vertical beam (NPL2).....................................225–8
atomic time, establishment of.........................224–5
Atomichron, atomic clock..........................227, 230, 231–2
Atwood, George.............................................375
Aubrey, Sir Thomas, of Llantrithyd..................535
Audemars & Cie, of Le Brassus, history of......395–6
Audemars, Paul, The Story of
Le Audemars & Cie ...., reviewed.................395–6
Audemars-Valette, Louis...............................395
Augusta Vindelicorum, Augsburg.................................................96
Austin, Captain Horatio...........................................................85
automaton
erotic.........................................................................................357
Jaquet-Droz.................................................................124
Merlin, John Joseph, silver swan..........................569–70
Robert-Houdin, Jean-Eugène.................................260
Thompson..............................................................................262
Vaucanson, Jacques, spinet player..............................260
automaton clock
owned by Isabel, Queen of Castile..........................497, 499
Philadelphia.................................................................395
table clocks, enamels by W.H. Craft
.................................186–7, 188–90, 347–9, 350–1, 355–9
automaton clock, by
Godfiaden, Ilja, of Warsaw........................................110
Kusnezov, Jegor (Shepinski), of Nizhne-
Tagilskii..............................................................................110
Maddox, Michael, of Moscow.................................110
Mesgén, Iwan, of Tomsk..................................................110
automaton watch
¼ repeat, Father Time and Urania...............................21
Kulibin, Iwan, of Novgorod..............................................110
Ayala, [Pedro or Diego] de, silversmith.............499, 501
azimuthal instrument, Rømer, Ole..........................521–2

B

Baak, Tom van.................................................................176
Bacon, Edward.................................................................567, 571
Badía y Leblích, Domingo (Ali Bey al-Ababši)........383
Bailey, Chris H..........................................................177, 393
Baillie, Granville Hugh.................................................255
Bain, Alexander, wall clock, electromagnetically
impulsed pendulum.........................................................314
Baker, J., of Newcastle?,
musical bracket clock, restoration of..........................567–8
Bakker, Tjeerd, discussion at symposium on
van Call.............................................................................56
balance, compensation..................................................108
auxiliary correction.............................................................73–4
Dent, of London, 'staple'..............................................7, 23, 121
Eiffé's, auxiliary correction.............................................73, 74
errors in (middle temperature), causes of...........72–3
glass.................................................................................73
Hartnup's, auxiliary correction.....................................73
Le Roy, Pierre (1717–1785), mercurial.................75
Loseby, Edward Thomas, of London 77–8, 81–2
manufacture.................................................................81
mercurial, early attempts.............................................75–6
Molyneux's, auxiliary correction.....................................74
Pennington, James and John, of London............378
Pennington, Robert, senior, of London.............377–8
double-L.................................................................299, 378
YCC.............................................................................378, 379–80, 381
Poole, John, junior, of London.................................378
Sercymgeour, James, of Glasgow,
mercurial.................................................................75, 76
Webster, R., mercurial.....................................................76

balance, glass.................................................................73
balance spring
glass, Sercymgeour, James, of Glasgow............75, 76
manufacture by Smiths 1939–45..............................325
balance wheel, lantern clock
Harvey, Robert, of London.......................................306
Bali, Josep, of Girona, work on turret clock..............328
Ball, William, of Bicester
clock, 30-hour hoop and spike...............................13
balloon clock, Leroux, John, of London,
hour repeat.................................................................446
Balta, triangulation of.....................................................382
banjo clock.................................................................124
Bankruptcy and insolvency in the English
horological trade, 1720–1849,
lecture by Dr D. J. Bryden........................................118, 324
Banks, Sir Joseph.......................................................91, 371
Barber, Jonas, senior, of Winster
longcase clock, oak, 8-day, un-numbered.............446
Barker, David.................................................................567
Barker, Daye, of London, bracket clock,
annual calendar and other dials............................562
Barlow, William, of King's Lynn
lantern clock.................................................................10, 160, 306, 460
Barnes, Nigel, and Austin Jordan, Maintaining
Longcase Clocks: An Owner's Guide ... , receipt noted........550
barometer
carriage clock.................................................................17
Jordan's Glycerine.................................................119–20
Louis XVI, carved and gilt wood..........................141, 290, 438
barometer, by
Pace, John, (junior), of Bury St Edmunds.............60
Barr, Mrs Wendy.........................................................172, 254
Secretary's Notes.........................................................406, 557
Barratt Silver Medal, awarded to David Thompson....469
Barraud, Paul Philip, of London.................................371, 372, 374, 375, 384
chronometer, pocket, no. 348.....................................378
Barraud, Paul Philip, of London, and Jamison,
of Portsea, chronometer, pocket, no. 159..................375
Barraud, of London
chronometer, pocket, no. 2/541.................................378
Barraud and Lunds, of London
carriage clock, no. 4731, five-minute repeat..............6
watch, no. 3/4152, keyless............................................155
barrel, pinned construction........................................96, 98
barrel, multiple, skeleton clock,
Pace, John, of Bury St Edmunds.........................60, 67
Barrett, Dennis..............................................................326
Barrow, John, Admiralty official.........................200, 202–3, 204
Barry, Charles.............................................................235, 239
Barwise, John, of London..............................................371
chronometer, pocket, no. 5154.............................380
Barwise, John, junior, of London..............................372
basket top case bracket clock, by
Bradley, Langley, of London
double basket top, ¼ repeat.........................................165
Markwick, James, of London....................................167
kingwood case..............................................................2
basket top case bracket clock, by, continued,
Speakman, William, of London
  double basket top, ¼ repeat............319
Wise, John, of London, ebony, timepiece......451
Basset, Alf........................................28
Bate, of London, sundial..........................409
Bateman, Douglas A.
  Further reading: 131-3, 280-1, 430-2, 575-6
  portrait of.............................................250

The time ball at Greenwich and
the evolving methods of control
  Part 1..................................................198-218
  Part 2..................................................332-46
  Part 3..................................................471-88

The Time Ball at Greenwich, lecture........559
  advertised.............................................250
  time ball controller.............................485-6

Bayard, of St-Nicolas-d’Aliermont........398
Bayley, Francis, of Uttoxeter, longcase clock.....31
Beaufort, Captain Francis....................202
Beaufoy, Col. Mark....................................383
Beckett, Paul, Millennium Clock, Nantwich...410
Beeson, Dr C.F.C....................................32, 490, 493
Belanowski, Alexander Petrowitsch..........110
Belcher, Sir Edward....................................84
Bell, Benjamin, of Uttoxeter, longcase clock.....31
Bell, Malcolm,
  Medieval clock dial numbering, letter....275
  bell museum, Asten, Klok & Peel...............564
  bellfounder
    Hemony, François, of Amsterdam.............38
    Hodzelmans, Wim.................................567

The Whitechapel Bell Foundry, 1970s film..123
Belville, John Henry, Maria, and Ruth......412-13
Benedini, Stefano.................................129
Bennett, J.A. (Jim)
  discussion at symposium on van Call......54-7
  James Short, telescope maker, and
  his support for John Harrison,
  lecture and report...............................119
Bennett, Sir John, of London, turret clock,
  Billinghurst........................................270
Benson, James W., of London, turret clocks
  Henfield, St Peter’s church...................271
  Wareham Water Tower, West Sussex.........270
Bentley, Thomas..................................180
Bernardin, of Besançon, turret clock.........422
Berry, Francis, of Hitchin, lantern clock....306
Berthoud, Ferdinand, of Paris................417
Bessel, F.W............................................265
Besses, Emilio C., of Barcelona, turret clock....328
Betts, Jonathan....................................87, 177, 213, 384,
  468, 482, 488, 546
  discussion at van Call symposium...........54-5, 56, 59
Beynton, James, of Howden,
  longcase regulator................................567
BHI, see British Horological Institute
Big Ben (see also Westminster, Great Clock),
  Big Ben as an electrical master clock,
  by Chris McKay....................................235-9

Bilbie, Thomas, of Chewstoke,
  longcase movement..................................123
Billoret-Moras, of Paris..........................261
Bits from the Blog.................................118, 263-4, 406-7, 557-8
Black, John, of Newcastle-upon-Tyne,
  timepiece............................................121
blacksmith and clockmaker,
  skill of mediaeval..................................129-30, 272
Blagg, Andy, The Savage Family.
  Achievements and Adventures, lecture.....565-6
Bligh, Captain William............................91
blog, AIS..............................................118, 263-4, 406-7, 557-8
Bloomfield, Alan....................................129, 272
Blundell, Trevor, Passing time in
  London Town, lecture.........................267
Boettcher, David, Borgel watchcases, letter...274
Boit, Charles, enameller..........................365
Bolitho, Colonel.................................415
Bond, Richard F., of Boston.....................177
Bond, William Cranch, of Boston...............177
Bond, William & Son, of Boston, no. 396, regulator........177
Bonniksen, Bahne, of Coventry
  Bahn Bonniksen and the
  Karrusel Watch Revisited,
  lecture by Dr Clare Woodward...............558-9
  advertised............................................249
  life of.................................................558
  watch, no. 57006, karrusel.....................249
book (see also book received; book review;
  book, title page)
  Evans, Jeremy, Jonathan Carter and Ben
  Wright, Thomas Tompion 300 Years,
  advertised............................................453
Gould, Lt-Cdr Rupert T.
  The Marine Chronometer, new edition
  announced.............................................32
  The Sea Serpent....................................124
Martin, Thomas, of London, The circle of the
  mechanical arts (1813).............................377
Reid, Thomas, Treatise on Clock
  and Watch Making (1843)......................376, 377
Shaw, Matthew, Time and the French
  Revolution............................................113
The Story of Louis Audemars & Cie,
  advertised............................................584
Syng, John Millington,
  The Aran Islands.................................539-40
Ullyett, Kenneth,
  English Clock Masterpieces....................124
book dealer, Shentonbooks, closure of........175
book received
  Barnes, Nigel, and Austin Jordan,
  Maintaining Longcase Clocks:
  An Owner’s Guide ... ..............................550
Evers, Liz, It’s About Time: from
  Calendars and Clocks to Moon
  Cycles and Light Years..........................550
Kazuo, Murakami, Japanese automata.
  Karakuri Zui: .......................................550
Veldhoven, Leonard van, Comtoise Morbier 550
book review .... 107–12, 246–8, 394–401, 541–50
(see also book received)
[no author], Big Ben and the Elizabeth
Tower. Official guide.................................. 401
[varioues], Going Dutch, symposium
proceedings................................................................ 400–1
Altmepen, Johannes, and Herbert Dietrich,
Das Deutsches Einheits-Chronometer ... 108–9
Audemars, Paul............................................. 395–6
Chaykin, Konstantin,
Das Uhrenmacherwesen in Russland –
Meister und Beziehungen...................... 109–11
Cloutman, Dr Ed W., and Bill Linnard,
Henry Williams, Lancashire, announced... 550
Delesque, Lola, and Mariamme Lombardi,
Arnaud Couillet, Horloger et
inventeur de genie.............................................. 397–8
Gould, Lt-Cdr Rupert T., The Marine
Chronometer, its History and
Development, new edition....................... 545–6
Kumschick, Susanne, Andrea Tiziani,
and Brigitte Vinzens, Zeit der kleinen
Uhren, Sammlung Oscar Schwank........... 547–9
McCroskens, Alexis,
Marking Modern Times; ... .................... 394–5
McKay, C. G. (Chris), The Turret Clock
Keeper's Handbook (new revised edition) 550
Marshall, Tim, The Quaker Clockmakers
of North Oxfordshire......................... 399–400
Oestmann, Günther, Auf dem Weg zum
"Deutschen Chronometer – ... " .............. 107–8
Robey, John A., The Longcase Clock
Reference Book, 2nd revised edition 541–5
brief notice............................................... 401
Sandro, Massimo di, Macchine Musicali
al tempo di Händel.............................. 549
Sauer, Albrecht, Time at Sea –
Chronometers and their Creators; ... 396–7
Scholz, Julia, and Johannes Graf,
Kuckucksuhr, mon amour.................. 546–7
Zeeman, Jaap, Sollen met Salomon ... .... 247–8
book, title page
Allexander, Dom Jacques,
Abhandlung von den Uhren ... , 1763........ 154
Danish Almanac for 1782......................... 522
Der Selbstlehrende Uhrmacher ... , 1791...... 154
Swiss Society of London, rules, c. 1737.... 402
books received for review, listed........... 248
Borgel, Francois, of Geneva.................... 274
Borgel teatchcases, letter, David Boetether... 274
Borrell, Henry, of London
clock, with enamals of peacock feathers.... 262
Boucher, Francois, artist.......................... 179, 353
Boulton, Matthew, clock case attributed to ...... 186
bracket clock (see also mantel timepiece;
table clock)
bracket clock, by
Baker, J., of Newcastle?, restoration of .... 567–8
Barker, Daye, of London, annual calendar and other dials........ 562
bracket clock, by, continued,
Bradley, Langley, of London, double basket top, ¼ repeat.................. 165
Curteen, William, of London.................. 6
Desbois, Daniel, of London, rosewood........ 451
Ellicott, Edward, of London, rear winding.... 427
Ellicott, of London, ebony case, enamel dials, tract, no........ 3
Emery, Josiah, of London, ebonised, hour repeat........ 448
Fleetwood, Robert, of London, five-minute
repeat................................................................ 160
Fromanteel, Johannes, rosewood.............. 439
Gammon, William, of Birmingham, 3-train, ¼ repeat, H&M 2672.................. 12
Gray, Benjamin, and Justin Vulliamy, ebonized.................. 443
Gwilt, John, of London, ebony case........... 15
Handley, George, & John Moore, of London
musical.................................................. 121
no. 2672, 3-train, ¼ repeat........ 12
Hindley, of York............................................ 567
Jones, William, of London, musical, rear winding.............. 427
Knibb, John, of Oxford
½ repeat, alarm, timepiece........ 20, 162, 464
Knibb, Joseph, of London
 ebony case.................................................. 168
½ repeat........................................... 170, 292
walnut case.............................................. 322
¼ repeat............................................... 440
½ repeat timepiece.................................. 24
skeleton chapter ring.............................. 168
Knibb, Samuel, of London,
ebony architectural case.................... 16
Markwick, James, of London............... 2
Pace, Charles, of London, no. 484........ 70
Pace, Henry, of London........................... 69
Pace, Thomas, of London, senior........... 62
Dutch striking.......................................... 63
Pace, Thomas, of London, junior........... 64
Quare, Daniel, of London
½ chiming........................................... 466
miniature, strike, repeat, travelling.......... 148
Rimbault, Stephen, of London, musical, French-style case................. 319
Simpson, G., of London, rear winding........ 427
Speakman, William, of London, double basket top, ¼ repeat............... 319
Sporing, Heinrich Dietrich, of London,
¼ chiming, mahogany............................. 165
Taylor, John, of London, ebonised, pull-repeat...................... 121
Taylor, Thomas, of London, ¼ repeat, turtleshell.......................... 150
Tompion, Thomas, of London................. 567
no. 121, ¼ repeat................................... 301
no. 171, ¼ repeat.......................... 313, 465
Tompion, Thomas, and Edward Banger, no. 460, “Barnard”........ 453
Tompion, Thomas, and George Graham,
no. 537, ¼ repeat.............................. 305
calendar indication, by clock type

bracket clock, by

Barker, Daye, of London..........................562
Bradley, Langley, of London,
double basket top, ¼ repeat....................165
de Charmes, Simon, of London, ¼ repeat,
green and polychrome lacquer..................294
Emery, Josiah, of London, ebonised.........448
Fleetwood, Robert, of London..................160
Fromanteel, Johannes, rosewood..............439
Gray, Benjamin, and Justin Vulliamy........443
Gwilt, John, of London, ebony case..........15
Knibb, John, of Oxford.........................20, 162, 464
ebony alarm timepiece............................20
Knibb, Joseph, of London
  ebony case......................................168
  walnut case....................................322
  walnut case, skeleton chapter ring.........168
Markwick, James, of London
  basket top......................................167
  kingwood case, basket top....................2
Pace, Thomas, of London, senior...............63
Quare, Daniel, of London, miniature,
  strike, repeat, travelling.....................148
Speakman, William, of London, double
  basket top, ¼ repeat...........................319
Taylor, Thomas, of London, ¼ repeat,
turtleshell..........................................150
Tompon, Thomas, of London,
  no. 171, ¼ repeat...............................313, 465
Underwood, of London..........................160
Weekherlin, Elias, of Augsburg................95–8
carriage clock, unattributed.....................17
desk case compendium, Cole, Thomas,
of London, no. 1512...............................300
longcase clock, by

Barber, Jonas, of Winster, senior,
oak case, 8-day............................446
Clifton, John, of Liverpool......................11
Fennel, Richard, of London, marquetry......459
Graham, George, of London
  month duration, ebonised fruitwood........588
  no. 707, walnut.................................4–5
le Roux, John, of London, centre sweep......309
Montlow, Henry, of London, walnut.........451
Mudge, Thomas, and William Dutton......296–7
dial in arch.......................................444–5
Quare, Daniel, of London
  ebonised.........................................454
  marquetry case.................................152–3, 156
  month duration, walnut case...............442
Savage, George, senior, of Huddersfield...565
Snow, John, of Frome...........................164
Stamper, Francis, of London, walnut,
  olivewood, and marquetry case.............320
Wood, John, of Stroud, month, world time.20
mantel clock, Castagnet, of Paris...........18
calendar indication, unusual forms in arch

Fleetwood, Robert, of London,
bracket clock.....................................160
Call, Jan van, of Nijmegen, continued, 
heritage and descendants..................................40
Huygens' recommendation of........................37–8
letter from Huygens........................................38
right to apply pendulums to clocks...................37
signature,
on turret clock................................................34, 35, 36, 37, 39, 40, 41
supplied pendulum to turret clock
Nijmegen, 1658–9.............................................38
Utrecht, 1659–60.............................................34
turret clock
Arnhem, St Eusebius's church.........................35
Buren, St Lambert's church..........................39–40
Grave, Brabant...............................................33
Ophemert, St Martin's church.........................35–7
Utrecht, St Jacob's church.............................34–5
Call, Jan van, junior, of Nijmegen, artist........40
Call, Peter van, turret clock, Darmstadt...........35
Caltech, Pasadena, Beckman Auditorium...........176
Calver, Bren, Rear winding, letter................277–8
Campbell, Gregor
lecture reports...............................................264–5, 408
visit reports...................................................408–9
candle clock...................................................492
car, “Empire”, English Clock & Watch Manufacturers Ltd, of Coventry......268
car, electric, Électric.........................................398
Cardinal, Catherine.........................................418
carillon (see also musical clock)
Asten, Klok & Peel Museum..........................564
Darmstadt.......................................................34–5
Delft, St Ursula’s church.................................38
Utrecht, St Jacob's church..............................34–5
carillon clock, Asten, Klok & Peel Museum........564
Carlos V, Holy Roman Emperor......................492
Caron, Jean-Loup............................................421
Carpenter, William, of London,
clock and watch, cases with enamels
perhaps by W.H. Craft.........................................364
carriage clock
Complicated Carriage Clocks,
lecture by Ron Rose.........................................123, 125–6
Jacot and Drocourt carriage clocks, letter
from Leigh Extence (research request)...........276–7
various examples..............................................17
carriage clock, by
Dent, of London
chronometer escapement,
'staple' balance..............................................121
no. 19621, chronometer escapement...............23
no. 23783, giant, fully engraved....................151
Garnier, Paul, of Paris, 2-plane escapement.126
McCabe, James, of London, no. 2960..............
Garnier, Paul, of Paris, 2-plane escapement.126
Garnier, Paul, of Paris, 2-plane escapement.126
Carroll, Sean..................................................177
case, longcase, see longcase clock, case
case maker, watch see watch case maker
case, travelling, see travelling case
Casson, Henry, report on tour of France........416–26
Castile
archive, royal..................................................492
rulers of........................................................491
chronometer escapement, see escapement: chronometer; escapement: pivoted-detent chronometer, marine (see also deck watch; timekeeper, marine)
  German, books on, reviewed............107–9
  German production of before 1914........107–8
  German standard..........................108–9
  guard box, Dent, of London, no. 1901, 8-day......7
  The Marine Chronometer, its History and Development, by Lt-Cdr Rupert T.
  Gould, new edition, reviewed............545–6
  Mudge, Thomas, junior, of London,
  manufacture....................................374–5
  Time at Sea – Chronometers and their
  Creators: … , by Albrecht Sauer,
  reviewed........................................396–7
  trials, Greenwich Observatory…78–9, 80, 86–7
  weight within case to balance.............105–6
chronometer, marine, by
  Arnold, John, of London
    no. 14............................................90
    no. 82...........................................90, 91, 93
    no. 176...........................................90, 91, 93
  Arnold and Dent, of London
    no. 640..........................................382
    no. 994...........................................83
  Barraud, Paul Philip, of London, no. 348.....378
  Barraud, of London, no. 2/541................378
  Dent, Edward John, of London
    no. 1967........................................79, 81
    no. 1978........................................104–6, 274
  Dent, of London
    nos. 1797, 1828, 1964, 1966, 2035,
    2066, 2100, 2173, 2240, 2255, 2375......79
    no. 1901, 8-day...............................7
  Earnshaw, Thomas, of London
    no. 520..........................................91
    no. 543..........................................91
  Eiffe, John [or James] Sweetman, of London
    nos. 250, 364, 442, 482, 507, 525,
    528, 562.........................................79
  positions in trials, 1845–53................79
  Frodsham, Charles, of London,
  no. 2519, two-day............................22, 458
  Gardner, Robert, of London
    no. 5/3931.....................................86
    no. 5/4162......................................86
  Hornby, Richard, of Liverpool..............124
  Howells, William, and Robert Pennington,
  of London, no. 4...............................373
  Kendall, Larcum, of London, K3............90, 92
  Lange & Söhne, A., of Glashütte and Dresden
    no. 5499..........................................108
    production of................................108–9
  Lomonosow, Michail, of St Petersburg......110
  Loseby, Edward Thomas, of London
    nos. 101, 103..................................78, 79, 85
    no. 102..........................................79, 84, 85
    nos. 104, 105.....................................78, 79
    no. 106..........................................78
    nos. 107–9, 118...............................79
chronometer, marine, by, continued,
Loseby, Edward Thomas, continued,
  no. 111........................................79, 81, 83–5
  no. 113........................................79, 84–5
  nos. 115, 123..................................79, 85
  no. 119........................................79, 82, 84, 85
  no. 122........................................82
  no. 124........................................79, 82, 85, 86
  nos. 125, 127..................................79, 85, 86
  no. 126........................................79, 86, 87
  no. 128........................................82, 87
McMaster & Son, of Dublin, no. 3670........382
Massey, Edward J., of London, no. 125.....78–9
Pennington, John, of London, no. 1512......383
Pennington, Pendleton, and others, of London,
  no. 12.........................................373
Pennington, Robert, of London (1752–1813)
  no. 1/430......................................378, 380, 381, 572
Pennington, Robert, of London (1780–1854)
  nos. 241, 426..................................383
  nos. 263 and 283, 2-day......................382
Poljot, of Moscow, production of............109
Poole, John, of London, no. 1155.............78–9
Shepherd, no. 441................................78–9
Wempe, of Hamburg
  no. 2975........................................108
  production of..................................108–9
chronometer, pocket, early popularity of.....381
chronometer, pocket, by
Barraud, of London, and Jamison,
  of Portsea, no. 159.............................375
Barwise, John, of London, no. 5154..........380
Dent, of London, no. 32276, tourbillon,
  minute repeat, perpetual calendar...........463
Evans [Evans?], Thomas F., of London,
  pivoted-detent..............................123
Pennington, Robert, of London (1752–1813)
  no. 4/433.......................................378, 380
  no. 111/510.................................380, 572
  no. 117/511.................................378, 380, 572
  nos. 130/596, 152, 182......................380
  no. 148/673.................................299, 380, 572
  no. 203........................................380
  no. 426........................................378, 379, 383, 572
Pennington, Robert, of London (1780–1854)
  no. 106/483....................................572
Pickman, William, of London, no. 3165......380
chronometer, survey, by
Mercer, Thomas, Ltd, of St Albans
  sidereal time, electrical contacts............121
Chronophage, clock by Dr John C. Taylor....120
church clock, see turret clock
Cipra, Jim........................................416
Clarke, Julia.....................................366
Clay, Charles, of London
Clay and Handel, note of exhibition.........470
musical clock.....................................266
organ clock......................................470, 549
Clement family, of Tring........................503
clepsydra.........................................492
al-Rashid, Harum................................493
click-work, English pattern....................385, 388
Clifton, John, of Liverpool, longcase clock...11
  clock (see also alarm clock; astronomical
  clock; automaton clock; bracket clock; carriage clock;
  electric clock; lantern clock; longcase clock;
  mantel clock; musical clock; regulator; table
  clock; turret clock; wall clock)
clock and watch fairs, see fairs, clock and watch
  clock, astronomical, see astronomical clock
clock, digital, Greenwich, Royal Observatory...486
clock, educational, made from MDF by CNC....121
clock, English pre-pendulum,
  ubiquity of weight drive......................574
clock, formerly property of
  Derwentwater, 3rd Earl of.....................30
  Fortescue, Thomas, 1st Baron Clermont,
    marine chronometer..........................7
  Isabel, Queen of Castile...............497–500, 501–2
  Wales, Prince of (George IV)...............181
clock, in form of Nijmegen bell tower,
  monumental, by J. Gront......................33–4
clock, insurance..................................122–3
clock, musical, see musical clock
clock ownership, in Wales, pre 1800........535–6
clock time
  American impact of.............................394–5
  phrases relating to............................535, 538
  in Wales, pre 1800............................526, 532–5
Clockmakers, Worshipful Company of.........27
clockmaking
Clock Construction, lecture by
  Cees Wijnberg................................126–7
development of English........................517–18
  regional
    Alpine, iron clocks........................241–5
    Lancashire..................................30
    Llanwrst....................................30–1
    North-East England........................30
    North Oxfordshire.........................31–2
    Uttoxeter..................................31
Of clocks and cats, Richard Dunn and
  Eóin Phillips..................................88–93
Closon, Peter, of London, lantern clock,
  quarter chiming..............................306
Cloutman, Dr Ed W., and Bill Linnard,
  Henry Williams, Lancarvan,
  book announced................................550
Cobb, Kenneth....................................414
Charles MacDowell’s helical lever clocks,
  letter...........................................279
Cockwill, Hugh, The Painted Dial, lecture....414
Cohen, M.M., of Sydney, watch................566
Cole, Thomas, of London
  case of carriage clock Dent no. 23783
    attributed to................................151
    desk compendium, no. 1512...............300
    strut timepiece, no. 1117................298
    tripod table regulator, barometer and
      thermometer.................................165
Coleby, Mary....................................62
Coleham Pumping Station, visit reported.....267
Collanges, Françoise  

_AHS Prize for Françoise Collanges_...........406

Jean-Eugène Robert-Houdin, lecture.........259–61

portrait........................................260, 406

collection

Aberdeen University, Natural Philosophy....106

Degenaar, Bert....................................562

Ende, Hans van den.............................27, 117, 561

Ferranti...........................................111

Foster, George....................................503

Géli, Edouard.......................................424

Grange, Michael...................................31

Harris, Lord.......................................123

Legh, Francis.....................................411

Loup, Gustave.....................................188

Morgan, J. Pierpont....................352

Potts family.....................................469–70

Rothschild, Alfred de.........................352

Royal..............................................307

Sabrier, Jean-Claude............................416

Salomons, Sir David............................262

Sandoz, Maurice and Edward.................262

Schwank, Oscar.................................547–9

watch keys........................................423

Wilsdorf, Hans..................................262

Collinson, Captain Richard...................85

Colson, Richard, of London, longcase clock, bird and flower panel marquetry..............94

c ompendium, astronomical

man with, drawing by Urs Graf..............177

c ompendium, desk

Cole, Thomas, of London, no. 1512........300

compensation, temperature, see balance, compensation; pendulum, compensating

Condill, James, of Liverpool, regulator, longcase........................................382

Connor, W. A.

meeting report .................................409–10, 566

visit report......................................566–7

conservation, Richard Higgins workshops...266

Conyngham, Gustavus, privateer............347

Cook, Arthur......................................101

Cook, Captain James............................88

Cook, John.......................................122

 Cooke, of York, turret clock.................571

Cooke, Oliver.....................................255

_The Life and Times of Edward East_, lecture.......123, 410

Cooke, T. & B., of York, turret clock.......567

Cooper, Anthony Ashley, Earl of Shaftesbury..516

Coote, Megan.....................................122

Copenhagen

temperature record, March 1709..............524

Corbett, Charles, engraver, _Four Seasons_..354

corner piece, see spandrel

Cornish, C.H., of Plymouth, turret clock....415

Coster, Salomon, of The Hague

disputed pendulum wall clock dated 1657......247–8, 562

signed lambrequins, crude dating of........37

Coster, Salomon, of The Hague, continued, wall clock

MNU..................................................561

Rijksmuseum.....................................561

watch, large silver Puritan....................560

Cota, Sancho de..................................495

Cothi, Lewis Glyn..................................531

Couailet, Armand,
of St-Nicolas-d’Aliermont............397–8

count-wheel internally notched.................505, 508–10

Nauta, Jacobus, of Leeuwarden..............102

Cowiss, Anne....................................127

Cox, Darren, _Clocks I have worked on during the past year_, lecture................119–20

Cox, James, of London

museum..............................................180

catalogue..........................................366

watch and jewel casket,

enamels attributed to W.H. Craft.............351–4

Craft, Thomas, porcelain painter.............179

Craft, William Hopkins, enameller

artistry of.........................................365–6

clockmakers and customers....................364–5

clocks “1, 2, 3, 4”..............................181–97

clocks “5, 6, 7, 8”..............................347–60

clocks and watches, enamels perhaps by......364

_Clocks and watches with enamels by_  
William Hopkins Craft, by Ian White

_Part 1_.............................................179–97

_Part 2_............................................347–66

enamel plaques by..................................366

life of.............................................179–81

masterpiece........................................188–97

watches.............................................361–4

Cremers, Bert, _Jan van Call of Nijmegen_, lecture..........................269

Cripps, Sir Stafford..............................325, 326

Crisford, Andrew

_The horological inventions of_  
Abraham Louis Breguet, lecture.............257

portrait.............................................257

Crisp, William Baker, of London............72, 377

work on Loseby no. 111.........................83, 85

Crosley, John, astronomer.....................91–2

Cross, John, of London.........................380

crossings, wheel, Liège style...................261–2

crucifix clock.....................................19

cuckoo clock, Kuckucksuhr, _mon amour_, book, reviewed...........................546–7

Cungeo, Domenico, engraver....................364

Curteen, William, of London, bracket clock.....6

Curtis, Joseph, of Chew Magna

lantern clock.............................10, 160, 306, 460

Cuss, Terence Camerer

discussion at symposium on van Call........54, 57

_Some thoughts on the van Call_..............52–3
cylinder, ruby, see under escapement

Cynwal, Richard.................................531

cywydd gofyn.....................................531
D

d’Abbadie, Count Antoine, observatory........424–6
Daedalus, see ship: Daedalus
Dancer, John Benjamin, of Manchester, sundial........................................409
Darken, Dr Jeffrey (Jeff).............................400
Darnell, Poul, Ole Romer’s temperature correction of pendulum clock rates.......519–25
date indication, see calendar indication
Daullé, Jean, engraver...............................353
Davies, Alun C..........................................538
book review........................................31, 394–5
Davies, Jonathan C....................................400
Davies, John Benjamin, of Manchester, Daedalus 604
d’Abbadie, Count Antoine, observatory.........424–6
DANTIQUARIAN HOROLOGY
date indication, see
Davies, Alun C....................................................538
Daullé, Jean, engraver........................................353
Davies, Alun C....................................................538
book review........................................31, 394–5
Davies, Jonathan C....................................400
Davies, John Benjamin, of Manchester, Daedalus 604
d’Abbadie, Count Antoine, observatory.........424–6
date indication, see calendar indication
day of month indication, see calendar indication
de Charmes, Simon, of London
bracelet clock, ¼ repeat, green lacquer........294
de Clercq, Dr Peter
book review........................................247–8, 400–1, 549
From the Editor........................................26, 172, 324, 468
experience..................................................412
Further reading .....................................138–40, 281–2, 433–4, 575, 581
note on AHIS and its Journal....................101
Thomas Bugge; and the Journal, lecture........411–12
de Save, S.B. (Brian).....................................256
lecture reports
........30–1, 118, 257–62, 325–6, 407–8, 558–9
correction..................................................278
decimal clock
Collin/Wagner, sidereal regulator.............426
Decimal Clocks and Ten-Day Weeks – the French Republican Calendar,
lecture by Matthew Shaw.........................407–8
advertised..................................................113
Dent, of London, sidereal regulator...........424, 426
Folkestone, by Ruth Ewan, 2011..............562
Bonniksen, Bahne, of Coventry..............249
december 2011..............................................249
Degenaar, Bert..........................................560
collection..................................................562
planetarium...............................................562
Delander, Daniel, of London, watch...........537
Delaney, Michael........................................270
Delesque, Lolita, and Marianne Lombardi,
Armand Couaillet, Horloger et
inventeur de genie, reviewed....................397–8
demonstration, by Owen Gilchrist,
Reassembling a Pocket Watch....................267–8
Denison, Edmund Beckett
(Lord Grimthorpe)....................................73, 238
criticism of and conflict with Loseby...........80–1
mistrust of electrical clocks......................239
dennison, Tracy...........................................177
Dent, E. & Co., of London
time ball
Greenwich...............................................339–40
Portsmouth.............................................201
Dent, Edward John, of London.................235
balance, ‘staple’..........................................73
chronometer, marine
nos. 1797, 1828, 1964, 1966, 2035,
2066, 2100, 2173, 2240, 2255, 2375.....79
no. 1967....................................................79, 81
no. 1978....................................................104–6, 274
loan to Admiralty..................................108–6
positions in trials, 1845–53.......................79
criticism of Loseby.................................80
experiments on temperature compensation............72, 73
Dent, of London
chronometer escapement,
‘staple’ balance........................................121
no. 19621, chronometer escapement........23
chronometer, 8-day, no. 1901....................7
chronometer, pocket, no. 32276, tourbillon,
minute repeat, perpetual calendar............463
watch, no. 30542, double chronograph........447
Derwentwater, 3rd Earl of, clock formerly belonging to..................30
Desbois, Daniel, of London, bracket clock,
rosewood..................................................451
Detouche, Constantin, of Paris................260
Deutsche Zeitschrift.................................107, 108
dial
10-minute divisions, single hand
Savin, Urbaine, of Troyes.......................270
24-hour
Barker, Daye, of London, bracket clock. 562
Loseby, Edward Thomas, of London, nos. 126 and 128...............87
centre-seconds, clock
Longcase, Clifton, John, of Liverpool........11
decimal (see also decimal clock).............408
numbering
Medieval clock dial numbering
letter from Malcolm Bell.........................275
reply from Michael Hurst.......................427–9
mixed Roman and Arabic depicted...........275
single-hand
Savin, Urbaine, of Troyes,
ten-minute divisions.........................270
Tompion, Thomas, of London, longcase
clock, 30-hour, strike and alarm.............449
Weckler, Elias, of Augsburg,
calendar timepiece..........................95–8
dial clock, see wall clock, English dial
dial construction
centre, ‘quilted’, Clifton, John, of Liverpool...11
champlevé, on watch by
Samson.................................................566
Willoughby, John, of London...............18
dial construction, continued,
enamel, bracket clock
  Ellicott, of London, ebony case....................3
  Pace, Thomas, of London, senior.................63
  Sporing, Heinrich Diedrich, of London, ¼ chiming, mahogany..............165
dial, longcase clock
  Mudé, Thomas, and William Dutton...444–5
  painted, The Painted Dial, 510–14
    lecture by Hugh Cockwill.......................414
  punched...........................................5
  skeleton chapter ring, bracket clock
  Knibb, Joseph, of London, walnut case...........168
  touch pins, Vallin, Nicholas, watch, oval......123
  velvet covered, Nauta, Jacobus, of Leeuwarden, Hague clock.............102
dial indications
  annual calendar
  Barker, Daye, of London, bracket clock........562
  astrolabic.........................................493
  day of month see calendar indication
  day of week, carriage clock......................17
  equation of time, Wood, John, of Stroud, month, world time.............20
  lunar see lunar indication
  Multiple time zones, Jurin, Iwan................110
  quarter hours and minutes
  Harvey, Robert, of London......................306
  solar time (see also dial indications: equation)
  Oudin, Charles, of Paris, watch................413
  sunrise and sunset
  Janvier, Antide....................................416
  Véréti, Auguste Lucien, of Beauvais............422
  Wood, John, of Stroud............................20
  tidal
  Véréti, Auguste Lucien, of Beauvais............422
  Wood, John, of Stroud............................20
up-and-down
  Dent, of London, no. 32276, pocket chronometer, minute repeat...........463
  Frodsham, Charles, of London
  no. 2519, two-day chronometer..................22, 458
  no. 09780 / 2178, tourbillon watch..............303
  Loseby, Edward Thomas, of London, no. 111.................................83
world time
  Chawski, Piotr, and Dimitri Gawrilow....110
  Janvier, Antide....................................416
  skeleton clock, chronometer escapement 562
  Wood, John, of Stroud............................20
zodiac, Barker, Daye, of London, bracket clock...................562
dial shape
arch, shallow broken, Quare, Daniel, of London, miniature travelling clock..148
arch, shaped break arch
  Reid, Thomas, and Auld, William, of Edinburgh, longcase regulator........9
rectangular
  Tompion, Thomas, of London, no. 171, ¼ repeat bracket clock...........313, 465
  Tompion, Thomas, and George Graham, no. 537, ¼ repeat..................305
dial, subsidiary control
pendulum fastening, bracket clock by
  Quare, Daniel, of London..........................466
rise and fall regulation, bracket clock by
  Curteens, William, of London....................6
  de Charmes, Simon, of London, ¼ repeat, green and polychrome lacquer..294
  Ellicott, of London, ebony case, enamel dials...............................3
  Emery, Josiah, of London, ebonised.............448
  Gray, Benjamin, and Justin Vulliamy, ebonised............................443
  Gwilt, John, of London, ebony case.............15
  Tompion, Thomas, of London, no. 171, ¼ repeat...........................313, 465
  Tompion, Thomas, and George Graham, no. 537, ¼ repeat..................305
rise and fall regulation, longcase clock by
  Graham, George, of London
  month duration, ebonised fruitwood...........588
strike/silent, bracket clock by
  Barker, Daye, of London..........................562
  Curteens, William, of London....................6
  de Charmes, Simon, of London, ¼ repeat........294
  Desbois, Daniel, of London, rosewood.........451
  Ellicott, of London, ebony case, enamel dials...............................3
  Emery, Josiah, of London, ebonised.............448
  Gray, Benjamin, and Justin Vulliamy, ebonised............................443
  Gwilt, John, of London, ebony case.............15
  Pace, Henry, of London............................69
  Pace, Thomas, of London, senior...............63
  Quare, Daniel, of London........................466
  miniature, strike, repeat, travelling........148
  Sporing, Heinrich Diedrich, of London, ¼ chiming, mahogany.............165
  Tompion, Thomas, of London, no. 171, ¼ repeat...........................313, 465
  Tompion, Thomas, and George Graham, no. 537, ¼ repeat..................305
  Underwood, of London............................160
strike/silent, longcase clock by
  le Roux, John, of London, mahogany case, centre date..................309
  Mudge, Thomas, and William Dutton...296–7
Dickens, Charles, description of Greenwich time ball..........................213
die sinking...........................................512–13
Dietrich, Herbert, see Altmeppen and Dietrich
Dikec, Dr Mustafa, Pumping Time in Paris, lecture..........................570–1
Dingwall-Beloe lecture, 2013, The German Clock Museum, Furtwangen – 160 years of collecting, by Prof. Eduard C. Saluz, advertised........................................314
Dobbie, John................................................269
lecture report........................................125–6, 267–8
Dolan, Graham..........................................336, 488
Dollond, of London, sundial.........................409
Dondi, Giovanni de..................................329
Dondi, Jacopo.............................................329
Donisthorpe, Joseph, of Normanton
longcase movement, 30-hour.........................121
Douw, Simon, of Rotterdam........................34, 37, 38
Downes, John, of London, sector...............375–6
Driscoill, Clive..........................................123
Drocourt, carriage clocks, dating of..............276–7
drop dial clock, see wall clock, English dial
Droz, Yves..................................................423
Drury, James, of London
lantern clock........................................10, 160, 306, 460
Duffy, W.N.................................................111
Duley, Anthony J. (Tony),
lecture report..........................................124–5, 268–9, 570
Dulken, Steve van, Patents, lecture.............270
Dunn, Richard, and Eoin Phillips,

Of clocks and cats.........................................88–93
duration, see long duration; short duration
Duro, Caesareo Fernández...........................489
Dutch Section, see AHS, Dutch Section
Dutch striking, bracket clock,

Pace, Thomas, of London, senior...............63
Dutton, William, of London.........................374

E
Eagleman, David.....................................177
Early English clocks,
letter from John A. Robey................................574
Earnshaw, Thomas, of London
chronometer, marine
no. 520..................................................91
no. 543..................................................91
regulator, observatory..................................89, 91
watch
damaged by cat........................................90
no. 1514..................................................90
East Anglian Section, see AHS, East Anglian
East, Edward, of London
The Life and Times of Edward East,
lecture by Oliver Cooke......................123, 410
longcase clock...........................................567
editors, Antiquarian Horology, 1953–2013........101
Eichens, F.W., transit instrument, decimal.....426
Eiffé, John [or James] Sweetman, of London
chronometer, marine
nos. 280, 364, 442, 482, 507, 525,
528, 562..............................................79
positions in trials, 1845–53........................79
compensation balance..............................73, 74, 75
dispute with Loseby.................................78
Eisinga, Eise, planetarium............................562, 563
Electa, Swiss movement maker....................274
electric clock
(see also AHS, Electrical Horology Group)
Bain, Alexander,
electromagnetically impulsed pendulum....314
Big Ben as an electrical master clock,
by Chris McKay..................................235–9
The Clockworks, collection of.................127–8
English Clock & Watch Manufacturers
Ltd, of Coventry, car clock.......................268
English Clock Systems Ltd..........................268–9
Ferranti Synchronous Electric Clocks,
by Mark Andrew Lines, reviewed............111
“Memory Master”.....................................269
Robert-Houdin, Jean-Eugène....................260–1
Shepherd, Charles, of London, system
at Greenwich Observatory.................216–18, 239, 346
Smiths................................................325
Bi-Synchronous.....................................269
Synchronome Clock Company...................482–4
electro-mechanical clock, Patentes Elordi.....328
Eliot, Captain George..............................202
Ellicott, Edward, of London
bracket clock, rear winding.......................427
Ellicott, of London
bracket clock, ebony case, enamel dials.....3
Ellis, William...........................................81
Emery, Josiah, of London
bracket clock, ebonised, hour repeat........448
Emett, Rowland, Pussieywillow clock...........29
enamel-cased watch, see watch, enamel
dial, see under dial construction, enamel
enameller
Boit, Charles..........................................365
Howes, John, of London...........................365
enamels
Clocks and watches with enamels by
William Hopkins Craft, by Ian White

Part 1........................................179–97
Part 2........................................347–66
by or attributed to W.H. Craft
Abundance...........................................194–6
Athena................................................347–9
Autumn.................................................352, 353, 354
Bird catchers...........................................357
Cherubs and English national debt...........182
A duck.................................................357
Erminia.................................................362–3
Fishing................................................357
The Garland of Love...............................194
Girl and floral arrangements...................359–60
Girl with dog.........................................388
Girl with mandolin.................................388
Hebe and the eagle of Jupiter....................363–4
Hercules and Mercury............................361–2
The History of America............................196, 197
Hygeia and Asklepios..............................361
The Italian Serenade...............................353
Judgement of Paris.................................193, 194
enamels, continued,
by or attributed to W.H. Craft, continued,
King George III and Queen
Charlotte...........................................361–2, 366
Learning...........................................188
Les Charmes de la Vie Champêtre, 353, 354
Love..................................................188, 194–6
The Love Garland..................................185
The Love Letter......................................194, 195
Music..............................................185, 194–6
Offering to Athena.................................194
Painting..............................................194–6
Peace..............................................183, 184, 351
Plenty..............................................354
Spring..............................................121–2, 173
Summer.............................................136
Winter..............................................352, 353, 354, 356
Zeus, Amaltheia, and dog.........................350–1
Ende, Hans van den.................................127
collection...........................................27, 117
obituary, by Paul H.M. Kersten.................27
portrait of............................................27
Ende, Hans van den, junior....................117, 560, 561
Enfield Clock Co....................................325, 326
gear train...........................................121–2, 173
English Clock & Watch Manufacturers Ltd,
of Coventry, car clock, “Empire”..............268
English Clock Systems Ltd
Smiths Bi-Synchronous clock....................269
turret clock movement, synchronous..........269

English Clock Systems Ltd,
lecture by Martin Ridout.........................268–9
English dial, see wall clock, English dial
Enrique III, King of Castile,
use of smoke and fire signals....................494
Enrique IV of Castile, 1462, sundial owned by...495
equation of time (see also under dial indications)
The Equation of Time, lecture by
Andrew James....................................413

escapement anchor, Tompion, Thomas, of London,
turret clock........................................166
chronometer
Dent, of London, carriage clock..................121
no. 19621............................................23
skeleton clock, year-going........................562
constant force, Ulrich, John Gottlieb............331
cylinder, ruby, Leroux, John, of
London, watch, ¼ dumb repeat..................361–2
grasshopper, Twin Pendulum
Grasshopper Clocks,
lecture by David Higgon..........................124–5
gravity, Bond’s single-arm.........................177
lever, Savage two-pin................................565
pivoted-detent,
Evans, Thomas F., of London [Evans?]..........123
silent verge, Quare, Daniel, of London........148
two-plane (chaffcutter),
Garnier, Paul, of Paris............................126
Walker, W., of Liverpool, patent................566

Essen, Louis
portrait of...........................................220, 223
work on quartz and atomic clocks..............220–3
Essen, Ray,
Two clocks that changed the world.
The birth of atomic timekeeping..............219–34
Essex clock fair, new management for............29
Etherington, George, of London,
longcase clock.....................................567
Evalo, Juan de, table clock, 1583...................489
Evans, Jeremy, discussion at
symposium on van Call........................54, 55–6, 58, 59
Evans [Evans?], Thomas F., of London
pocket chronometer, pivoted-detent...........123
Everest, Smiths watch worn on....................326
Evers, Liz, It’s About Time: from
Calendars and Clocks to Moon Cycles
and Light Years, brief review....................550
Ewan, Ruth, decimal clock........................1, 26, 113
exhibition
Armand Couaillet, Horloger et
inventeur de genie..................................397–8
Going Dutch, Zaandam, 2011....................400–1
Horological Masterworks........................27
Huygens’ Legacy....................................27
Kuckucksuhr, mon amour, ‘catalogue’,
reviewed................................................546–7
London, 1851, Great Exhibition...60, 64, 77, 80
Millennium, Derek Roberts......................66
North Oxfordshire Quaker Clocks...............31–2
Potts of Leeds – Clocks of Character...469–70
Time at Sea...........................................396–7
Yorkshire longcase clocks..........................567

expansion, thermal coefficient of
calculations by Ole Romer.......................525
Extenne, Leigh, Jacot and Drocourt
carriage clocks, letter.............................276–7

F
fairs, clock and watch
2013..................................................116, 253, 405
Essex, new management for.....................29
false pendulum, on wall clock, by
Keene, Joseph, of London, English dial........315
false pendulum, on bracket clock, by
Bradley, Langley, of London
double basket top, ¼ repeat.......................165
Curteen, William, of London....................6
de Charmes, Simon, of London
¼ repeat, green and polychrome.................294
Emery, Josiah, of London, ebonised.............448
Gray, Benjamin, and Justin Vulliamy,
ebonised.............................................443
Gwilt, John, of London, ebony case.............15
Markwick, James, of London
basket top...........................................167
kingwood case, basket top.........................2
Quare, Daniel, of London........................466
false pendulum, on bracket clock, by, continued,
Rimbault, Stephen, of London
musical, French-style case.................319
Speakman, William, of London
double basket top, ¼ repeat.................319
Tompion, Thomas, of London
no. 171, ¼ repeat..........................313, 465
Tompion, Thomas, and George Graham
no. 537, ¼ repeat..........................305
West, Thomas, of London, timepiece, alarm..10
family tree
Pace........................................71
Pennington..................................368
Fardon, John, senior, of Deddington.....400
Farmer, J.J................................77, 87
Fedehenko, Fedosi Michailowitch,
precision timekeeper.........................111
Federatie van Klokkenvrienden............27
Felipe ‘El Hermoso’, Duke of Burgundy...499
Fennel, Richard, of London, longcase clock,
walnut oyster and floral marquetry........459
Ferguson, James..........................124
Fermin (Bernardo)...........................491
Fernand, Duque de Strada..................501
Fernando, King of Aragon, portrait.......496
Ferranti Synchronous Electric Clocks,
by Mark Andrew Lines, reviewed..........111
Festeau le Jeune, of Paris..................184
field, dial (caec dial, caec detail)........529
Field, Thomas, of Aylesbury,
watch, free-sprung.........................126
film
Greenwich time ball (Pathé, 1953).......342–3
High Noon..................................395
The Open Road, 1925–6..................333, 334
The Whitechapel Bell Foundry, (BBC)....123
Firth, David,
Yorkshire longcase clock exhibition....567
Flagett, William, of Newbury, longcase clock.544–5
Fleetwood, Robert, of London
bracket clock, five-minute repeat........160
Fleming, Andrew.........................121
Flinders, Captain Matthew.................91–3
statue of ........................................91
Flinders, Lieutenant Samuel Ward........92–3
fly, riveted construction....................386, 387–8
Foasso, Cyrille...............................419
foliot, curved...............................275
Folkestone Triennial 2011, decimal clock.1, 26, 113
Fontena, Luis Montañés...................489
Fontloag, Daniel.........................423
Fortescue, Thomas, 1st Baron Clermont...7
For your further reading, see Further reading
Foster, Dee..................................254
Foster, George, collection...............503
Foster, Thomas, of Carlisle, longcase clock....566
Fouquet, Louis Vincent, artist
Branca Quay, Nantes, picture clock.....457
Frances, Lobo,
clock for Isabel of Castile, 1503...........497
Francillon, Ward, symposium 2013.......176–8
Frank, Mark....................................176
Frank, Prof Werner........................117
Franklin, Sir John............................84
Frascati, Antonio, portrait..................329
Fraser, John, of Worcester
lantern clock...............................10, 160, 306, 460
Freemasonry, symbols......................261
French, of London..........................380
fret, absence on most Gothic clocks........507
fret, lantern clock, heraldic
Veale, Thomas, of Chew Magna..........165
Frieze-Greene, Claude, film-maker......333, 334
Frosham, Charles, of London
chronometer, marine, no. 2519, 2-day..22, 458
watch, no. 09780 / 2178, tourbillon.......303
Frosham, of London
travelling clock, mahogany, gilt mounts....298
From the Chairman, programme of changes...26
From the Editor, by Peter de Clercq
..................26, 172, 324, 468
2013 convention at Keble.....................172
to Antiquarian Horology....................26
contents of issue............................26
Fromanteel, Abraham, of Newcastle,
longcase clock............................124
Fromanteel, Ahasuerus, of Newcastle
longcase clock, Duke of Norfolk’s........120
wall clock, striking, ebony, silver-mounted..163
Fromanteel, John, bracket clock, rosewood..439
frontispiece, see book, title page
Further reading. 131–40, 280–4, 429–34, 575–81
AFAHA Revue...............................429
ANCAHA Bulletin..........................280, 430
Bulletin of the British Sundial Society
........................................131–2, 280–1, 430–1, 575–6
DGCI Jahresschrift 2012.....................139–40
Horlogerie Ancienne.........................136–7
Horological Journal..........................137–8, 432–4
Horological Science Newsletter............133, 431–2
Klassik Uhren..................................138–9, 281–2, 434
La Voce di Hora............................139, 434
Science........................................575
TIJDschrift..................................132–3, 282, 581
Watch & Clock Bulletin....................134–6, 283–4, 576–80
fusee, geared winding......................277
fusee, reversed, Le Roy, Jean Baptiste...308
G
Gale, Philip................................256
Gammon, William, of Birmingham
bracket clock, 3-train, H&M 2672........12
Gardner, Robert, of London
chronometer, marine
Loseby no. 128.........................82
no. 5/3931.................................86
no. 5/4162.................................86
work on Loseby’s chronometers.........86–7
Garnier, Paul, of Paris
astronomical clock.........................419
carriage clock, two-plane escapement....126
Gordon-Smith, Sir Allan...........................................325, 326
Gosnell, Peter
Dr Alan Shenton Award, 2012........................................26, 117
Another unusual compact 8-day movement with rack & snail striking.385–93
Gothic clock
Mahiev, of Coigny..................................................507
Porrvis (Purvis), James,
of Salisbury..............................................441, 467, 503–18
Goukens, Lode,
discussion at symposium on van Call.........................59
Gould, Lt-Cdr Rupert T................................................32
character and annotations to work................................................545–6
The Marine Chronometer, its History and Development, new edition
announced.................................................................32
reviewed...............................................................546–6
The Sea Serpent (book)...............................................124
Graf, Johannes, Julia Scholz and
Kuckucksuhr, mon amour,
book, reviewed...........................................................546–7
Graf, Urs, drawing showing astronomical
compendium..............................................................177
Graham, George, of London (see also Tompion,
Thomas, and George Graham)
George Graham, lecture by Rory McEvoy......414
longcase clock
month duration, ebonised fruitwood.............588
no. 707, walnut..............................................................4–5
regulator, longcase, “Graham no. 3”..............89, 211
accuracy of.................................................................89
grande sonnerie, see striking, grande sonnerie
Grant, of London, regulator, longcase, striking.306
Gray, Benjamin, and Justin Vuillamy
bracelet clock, ebonized.........................................443
Green, William, of Milton-under-Wychwood........400
hoop and spike clock..................................................162
Greenwich, Royal Observatory, see observatory,
Greenwich
Gregory, Jeremy, of London, lantern clock........532
Gregory, Dr Olinthus.....................................................382
Greig, Duncan............................................................123, 569
Gretton, Charles, of London,
The Gretton book project............................................29
Griffiths, John..............................................................468
Chronometer ‘Dent 1978’, letter......................274
Grignon & Son, of London, watch,
no. 1898, ease enamels by W.H. Craft.............363–4
Grimaldi, of London, wall clock, English dial.......295
Grimbergen, Kees........................................................126, 400
Grohé H.W. Tyype successor, of London........373
Grohé, James, of London............................................373
Grohé Pennington & Typke.................................373
Gront, J., of Nijmegen, monumental clock,
in shape of Nijmegen bell tower......................33–4
Guerin, Christophe.........................................................419–20
Guillaume, Dr C.E...........................................................72
Gulbert, A., of Orleans, lyre clock.........................68
Gulbert, A., of Orleans, lyre clock.........................68
Gwilym, Dafydd ap..................................................529, 531
Gwilt, John, of London,
bracket clock, ebony case.............................................15

Germany
chronometer production,
books on, reviewed..................................................107–9
Deutsche Seezart…………………………………….107, 108
Study Tour to Germany 2012,
Susan Knight.............................................................117
subsidy of exports in 1930..........................................325
Gibbons, Michael..........................................................256–7
book review.............................................................395–6
lecture report.............................................................568–70
Gilechrist, Owen, demonstration,
Waltham Riverside Maximus.................................267–8
gilding, Water and oil gilding,
lecture by Judith Wetherall.................................570
Giles, James, bottles, decorated glass..............359
Gilkes family.................................................................400
Gilkes, John, of Shipston,
hoop and spike clock..................................................399–400
Gilkes, Richard, of Adderbury
longcase dial, 30-hour, ring and zig-zag...............31
wall clock, 30-hour hoop and spike
C. 1740.................................................................13
C. 1750.................................................................13
Gillet and Johnston, Ltd, of Croydon, turret
clock, Trengwainton House.................................415
Gillibrand, Leighton and John A. Robey
The Porrvis clock of 1567 –
the earliest surviving domestic
clock made in England........................................441, 503–18
Gillows and Waring......................................................30
Gillows, of Lancaster......................................................30
Girona, Spain, A turret clock in Girona.................327–8
Glasby, John, lecture report.................................267, 411–13, 568
Glasby, John, and Nigel Platt
meeting report............................................................122–3
visit report...............................................................412–13
Glasgow, David, of London.................................74–5
Glennie, Paul, and Nigel Thrift,
Shaping the Day … (book)...........................................526, 539
Globe, mechanical celestial, Bürgi, Jobst................417
The Gloversstone Clockmakers of Chester,
by Steve and Darlah Thomas, reviewed................111–12
Gocht, Dafydd, of Stapleton Castle......................531
Gocht, Iolo.................................................................531
Godfaden, Ilja, of Warsaw,
complicated railway automaton clock..................110
Goldingham, John, astronomer.............................105
Gompens, Michael van
Hubert Sarton of Liège, lecture.............................261–2
portrait of...............................................................261
Gooch, William, astronomer.................................88–91
Gordon-Hall, Gabriel..................................................384
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haagse klok, see Hague clock</td>
<td></td>
</tr>
<tr>
<td>Haddock, William, of Bath</td>
<td>380</td>
</tr>
<tr>
<td>Hague clock</td>
<td></td>
</tr>
<tr>
<td>Nauta, Jacobus, of Leeuwarden</td>
<td>102-3</td>
</tr>
<tr>
<td>hairspring, see balance spring</td>
<td></td>
</tr>
<tr>
<td>Haley, Charles, of London</td>
<td>373</td>
</tr>
<tr>
<td>Hamilton, Gavin, artist</td>
<td>364</td>
</tr>
<tr>
<td>Hancock, C.F., of London, desk compendium, Thos. Cole no. 1512</td>
<td>300</td>
</tr>
<tr>
<td>Hancock, Frances Rebecca</td>
<td>64</td>
</tr>
<tr>
<td>hand, minute (quarter) shorter than hour</td>
<td>240-1</td>
</tr>
<tr>
<td>hand, manually adjustable recording</td>
<td></td>
</tr>
<tr>
<td>Tompion, Thomas, of London, no. 483, mean and sidereal regulator</td>
<td>178</td>
</tr>
<tr>
<td>Handel, George Frideric</td>
<td></td>
</tr>
<tr>
<td>Clay and Handel, note of exhibition</td>
<td>470</td>
</tr>
<tr>
<td>music for organ clocks</td>
<td>549</td>
</tr>
<tr>
<td>Handley, George, &amp; John Moore, of London bracket clock</td>
<td></td>
</tr>
<tr>
<td>musical</td>
<td>121</td>
</tr>
<tr>
<td>no. 2672, 3-train, ¼ repeat</td>
<td>12</td>
</tr>
<tr>
<td>Hardy, Rear Admiral Thomas</td>
<td>202</td>
</tr>
<tr>
<td>Hardy, Samuel, of London, English dial timepiece</td>
<td>450</td>
</tr>
<tr>
<td>Harlow, of Ashbourne</td>
<td>31</td>
</tr>
<tr>
<td>Harris, 5th Baron, collection</td>
<td>123</td>
</tr>
<tr>
<td>Harris, Joseph, astronomer</td>
<td>537</td>
</tr>
<tr>
<td>Harris, Thomas, of Deddington</td>
<td>400</td>
</tr>
<tr>
<td>Harrison, John</td>
<td></td>
</tr>
<tr>
<td>James Short, telescope maker, and his lecture for John Harrison, lecture by Prof. Jim Bennett</td>
<td>119</td>
</tr>
<tr>
<td>longcase clock, 1727</td>
<td></td>
</tr>
<tr>
<td>(made by James Harrison)</td>
<td>120</td>
</tr>
<tr>
<td>Hart, L.J., drawings in The Almanus Manuscript</td>
<td>427</td>
</tr>
<tr>
<td>Hartnup, John, of Birkenhead, compensation balance</td>
<td>73</td>
</tr>
<tr>
<td>Hartwell, Thomas, of Uttoxeter, longcase clock</td>
<td>31</td>
</tr>
<tr>
<td>Harvey, R., of Liverpool, turret clock, Mousehole</td>
<td>415</td>
</tr>
<tr>
<td>Harvey, Robert, of London, lantern clock</td>
<td>306</td>
</tr>
<tr>
<td>Harvey’s Foundry Trust, Hayle, Cornwall</td>
<td>415</td>
</tr>
<tr>
<td>Haswell, Alexander, of London, regulator, longcase</td>
<td>105</td>
</tr>
<tr>
<td>Hatton, James, of London</td>
<td>372</td>
</tr>
<tr>
<td>Haverfordwest, mentions of time in, 1554</td>
<td>533</td>
</tr>
<tr>
<td>Haward, Peter</td>
<td>28</td>
</tr>
<tr>
<td>Hay, of London, turret clock</td>
<td>271</td>
</tr>
<tr>
<td>Hayard, Michael</td>
<td>424</td>
</tr>
<tr>
<td>Antide Janvier, lecture</td>
<td>288-9</td>
</tr>
<tr>
<td>portrait</td>
<td>289</td>
</tr>
<tr>
<td>Hecht, Susannah</td>
<td>546</td>
</tr>
<tr>
<td>Hees, Michiel van</td>
<td>400, 559, 560</td>
</tr>
<tr>
<td>discussion at symposium on van Call</td>
<td>58, 59</td>
</tr>
<tr>
<td>Hemony, François, of Amsterdam, bellfounder, carillon drum, Delf</td>
<td>38</td>
</tr>
<tr>
<td>Henderson, Thomas, astronomer</td>
<td>265</td>
</tr>
<tr>
<td>Hergest, Lieutenant Richard</td>
<td>90</td>
</tr>
</tbody>
</table>

Herschel, John..................199
Hewlett-Packard, atomic clock, HP-5061A........232
Higgins, Richard, visit to workshops of............266
Higgit, Rebekah..................488
Higgon, David, Twin Pendulum
Grasshopper Clocks, lecture..................124-5
Hills, Jonathan..................366
Hindley, Henry, of York
longcase clock..........................30
quarter chiming from two trains...............30
signature..................................30, 278
telescope, equatorial mount................326, 414
turret clock..................................567, 571
Hindley, of York
bracket clock.............................567
longcase clock.............................567
Hingley, Peter..........................488
HMS, etc, see ship                  |      |
Hobbs, Jeremy..........................121
Hobson, Charles, lantern clock, miniature..........126
Hodges, Edward, of Spalding
lantern clock.............................10, 160, 306, 460
Hodgson, Brynn, Further reading............137-8, 432-3
Hodzelmans, Wim, bells made by.................567
Hoeve, Johan ten......................127
portrait of..............................128
Hofland, Carel..........................560
Holloway, Joseph H., (Joe), physicist..........231, 233
Holmes, John
electronics for Greenwich time ball............484-5
Holmes, John, of London....................30
hook and spike, see hoop and spike clock
hoop and spike clock......................31-2, 399-400
Alpine regions, iron.....................240-5
Archer, Walter, of Stow on the Wold..........13
Ball, William, of Bicester..................13
Gilkes, Richard, of Adderbury
   c. 1740........................................13
   c. 1750........................................13
Green, William, of Milton-under-Wychwood 163
Roskell, strike and alarm....................126
unsigned
   alarm.......................................312
Quaker, c. 1725..........................13
Hooper, Andrew..........................256
Hope, Ray....................................226, 228
Hornby, Richard, of Liverpool,
chronometer, marine........................124
Horological Journal, see Further reading
Horological News. 27-32, 173-8, 325-31, 469-70
Horrebou, Peder, astronomer..................520-1
Houdin, Eugene Robert, see Robert-Houdin
Houdin, Jacques-François, of Paris............259
Houdini, Harry............................260
hour-glass..................................496, 531
Houston, Robert, engraver, Four Seasons........354
How you can help the AHS...................551
Howells, William, and Robert Pennington,
of London
chronometer, marine, no. 4..................373
work for Thomas Mudge junior...............374, 375

610
Howells, William, of London.................................................369
inventory of workshop.................................................377
Hewlett and Horne, musical clock..................................262
Hewse, Lt Cdr Derek.......................................................334–5, 336
Huber, Dr Bernhard........................................................417
Huet, Amelia Aranda..........................................................490
Hughes, Tim.................................................................414
portrait.............................................................................326
Huguenot watchmakers in London...................................568
Hungary, subsidy of exported clocks, 1960s........................326
Hunsdon, Edward, of Chelmsford..................................428–9
Hurst, Jacqueline..............................................................428–9
Hurst, Michael..................................................................386, 393, 468
Medieval clock dial numbering, letter’d..........................427–9
Hutchinson, Robin
lecture report.................................................................120–1, 265–6, 410, 567–8
visit report........................................................................121–2, 266–7, 410–11
Huygens, Christiaan
Huygens’ Legacy, exhibition................................................27
letter to Jan van Call............................................................27
work with Ole Romer..........................................................521
Hyderabad, Nizams and Maharajahs of............................356

I

ID, clockmaker’s mark..........................................................184
inclined-plane clock, anonymous, French?......................321
Inishman, Teach Synge......................................................321
Inman, James, astronomer.................................................92
Insoll, Thaddeus.................................................................488
instrument
Eichens, F.W., transit, decimal...........................................426
quadrant, c. 1300, found at Zutphen.................................174–5
Romer, Ole
azimuthal...........................................................................521–2
equatorial..........................................................................521
meridian.............................................................................523–4
thermometer......................................................................524
transit................................................................................522
instrument maker
Short, James........................................................................119
Steward, J.H., of London....................................................119–20
insurance clock....................................................................122–3
intarsia, depictions of monastic
alarms.................................................................149, 171, 275, 428–9
Intarsio, England, maker’s or trade mark
longcase clock, miniature, ceramic
 glazed case........................................................................124
inventory
analysis of early Glamorgan inventories..........................537
Chirk Castle.........................................................................532
Howells, William, of London, workshop.........................377
Isabel, Queen of Castile......................................................497–500, 501–2
portrait (carving)..................................................................496
Israel, Nigel..........................................................................468

J

Jackman, Steve, lecture report............................................414
Jackson, Steve and Jean.....................................................126
Jackson, William, of Loughborough....................................126
Jacot, carriage clock, five-minute repeat, possibly by...............6
Jacot and Drocourt carriage clocks, letter
from Leigh Exten (research request)..................................276–7
Jacot, Henri, carriage clocks, dating of..............................276–7
Jaeger Le Coultre, Atmos clock......................................265–6
Jagger, Cedric.......................................................................101
James, Andrew, The Equation of Time, lecture..................413
Janison, George, of Portsea..................................................374
Janssen, R. and Son, of Utrecht, turret clock repair..............40
Janvier, Antide.....................................................................417
Antide Janvier, lecture by Michel Hayard.........................259
astronomical clock.............................................................416
double pendulum, use of...................................................125
longcase regulator............................................................424, 425
life and work summarised...............................................259
orrery................................................................................424
Japanese clock, ‘Dai Toko’................................................120
japanned case, see lacquered case
Jefferson Golden Hour, mystery clock............................124
jewel casket,
James Cox and W.H. Craft [attrib]...................................351–4
Jeynes, Sarah.......................................................................60
Johannes Clocemaker, of Caernarfon................................529
Johnston, Ken, and Philip Priestley,
Further reading................................................................135–6, 283–4, 576–80
Jones, Evan, of Ty’n-y-pant, Llanwrtyd...............................527–9, 537
Jones, William, of London
bracket clock, musical, rear winding.................................427
Joyce, J.B., of Whitchurch
 turret clock, Nantwich, St Mary’s church.........................410
Juan II of Castile, 1453–4, sundial owned by.......................495
Jurin, Iwan, clock with 67 time zones...............................110

K

Kara, Frank, of Radom district, astronomical clock ..................110
karrusel
Bahne Bonniksen and the Karrusel Watch Revisited,
lecture by Dr Clare Woodward.............................................558–9
advertised.................................................................249

611
karrusel, continued,
Bonniksen, Bahne, of Coventry,
o. no. 57006, deck watch, 34-minute.........249
invention of..............................................558–9
Kater, Captain Henry, pendulum, reversible. 104–5
Kaufmann, Angelica................................193, 363
Kays, of Worcester, watches...................121
Kazuo, Murakami, Japanese automata.
Karaku Zui: ... , book, receipt noted........550
Keeley, Robert, actor............................371
Keeley, Thomas, of London, watch gilder....371
Keene, Joseph, of London,
wall clock, English dial.................................315
Keith Scobie-Youngs
Keene, Joseph, of London,
wall clock, English dial.................................315
Kersten, Paul H.M.
Kenfig, Glamorgan, ordinance of 1330
mentioning times........................................532–3
Kersten, Paul H.M.
lecture report...........................................126–7, 269–70
obituary of Hans van den Ende...................27
Kessels, Heinrich Johann, of Altona.............107
key, winding, watch
collection................................................423
pillbox, enamelled........................................423
Vulliamy, Justin, of London,
crank, enamelled.........................................361
King, Andrew.............................................256
book review................................................545–6
discussion at symposium on van Call...........54, 57
Kinns, Roger.............................................479, 480, 488
Kinread, William.........................................256
Kirk, Charles
patent, U.S. no. 3233, 1843...........................385, 386–7, 391
Knibb, John, of Oxford.................................399
bracket timepiece, ¼ repeat, alarm. 20, 162, 464
Knibb, Joseph, of London
bracket clock
ebony case.................................................168
¼ repeat.................................................170, 292
walnut case..............................................322
¼ repeat.................................................440
¼ repeat timepiece.....................................24
skeleton chapter ring.................................168
Knibb, Samuel, of London
bracket clock, ebony architectural case........16
Knight, Susan...........................................286
AHS Study Tours 2013–14.............................559–60
Study Tour to Germany 2012........................117
Study Tour to the Netherlands 2013...............117
Krupp, E.C..................................................177
Krusestern, Captain A.J. von........................383
Kugel, Galleries..........................................417
Kulibin, Iwan, of Novgorod, watch, musical
automaton.................................................110
Kumscheeck, Susanne, Andrea Tiziani, and
Brigitte Vinzenz, Zeit der kleinen Uhren,
Sammlung Oscar Schwank, reviewed........547–9
Kusch, Polykarp.........................................222
Kusnezov, Jegor (Shepinski), musical,
automaton and astronomical clock.............110
L
Lack, Dr Alastair............................................275
lacquered case, bracket clock, by
de Charmes, Simon, of London,
¼ repeat, green and polychrome...............294
lacquered case, longcase clock, by
Tompion, Thomas, of London,
30-hour, strike and alarm.........................449
Lalande, Thierry............................................419
Lancashire Watch Company, watch,
damascened plates.....................................566
Lange & Söhne, A., of Glashütte
chronometer, marine
no. 5499...................................................108
production of...........................................108–9
lantern clock
from Sutton Court, Somerset, 1672............311
lantern clock, by
Barlow, William, of King's Lynn.............10, 160, 306, 460
Berry, Francis, of Hitchin............................306
Clossen, Peter, of London, ¼ chiming........306
Drury, James, of London............................10, 160, 306, 460
Fraser, John, of Worcester.....................10, 160, 306, 460
Gregory, Jeremy, of London.....................532
Harvey, Robert, of London..........................306
Hobson, Charles, miniature.........................126
Hodges, Edward, of Spalding.........10, 160, 306, 460
Huntsdon, Edward, of Chelmsford..............10, 160, 306, 460
Jackson, William, of Loughborough...........306, 460
Lindsey, John, of Nayland.........................10, 160, 306, 460
Loomes, Thomas, of London......................460
Lovelock, Charles, of Warminster.............10, 160, 306, 460
Manley, Cornelius, of Norwich.............160, 306, 460
Moore, Thomas, of Ipswich......................160
Rooker, Richard, of London.......................318
Stanton, Edward, of London.....................10, 160
Stone, John, of Bristol area......................160, 306, 460
Stone, John, of London..............................10
Stribling, Benjamin, of Stowmarket.........10, 160, 306, 460
original anchor escapement....................121
Tracey, Richard..........................................306, 460
Trippett, Robert, of London.......................306, 460
Tue, Thomas, of King's Lynn....................160
Veale, Thomas, of Chew Magna, 1692........165
Warner, John, of Draycott (Worcs)............10, 160, 306, 460
Wheeler, Thomas, of London...................306, 460
<table>
<thead>
<tr>
<th>Lecture Report</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arnfield, Jim, Restoration of a Musical Clock</td>
<td>567-8</td>
</tr>
<tr>
<td>Bennett, Prof. J. A. (Jim), James Short, Telescope Maker, and his Support for John Harrison</td>
<td>119</td>
</tr>
<tr>
<td>Blagg, Andy, The Sacheve Family, Achievements and Adventures</td>
<td>565-6</td>
</tr>
<tr>
<td>Blundell, Trevor, Passing Time in London Town</td>
<td>267</td>
</tr>
<tr>
<td>Brown, Colin, The Lanxester Case Revisited</td>
<td>30-1</td>
</tr>
<tr>
<td>Brown, Ted, Mechanical Music</td>
<td>568-9</td>
</tr>
<tr>
<td>Bryden, Dr D. J., Bankruptcy and Insolvency in the English Horological Trade, 1720-1849</td>
<td>118</td>
</tr>
<tr>
<td>Cheetham, John, Hindley of York’s Cases</td>
<td>30</td>
</tr>
<tr>
<td>Cockwill, Hugh, The Painted Dial</td>
<td>414</td>
</tr>
<tr>
<td>Collanges, Françoise, Jean-Eugène Robert-Houdin</td>
<td>259-61</td>
</tr>
<tr>
<td>Cooke, Oliver, The Life and Times of Edward East</td>
<td>123, 410</td>
</tr>
<tr>
<td>Cox, Darren, Clocks I have worked on during the past year</td>
<td>119-20</td>
</tr>
<tr>
<td>Crisford, Andrew, The horological Inventions of Abraham Louis Breguet</td>
<td>257</td>
</tr>
<tr>
<td>Dikec, Mustafa, Pumping Time in Paris</td>
<td>570-1</td>
</tr>
<tr>
<td>Dulkien, Steve van, Patents</td>
<td>270</td>
</tr>
<tr>
<td>Gompen, Michael van, Hubert Sarton of Liège</td>
<td>261-2</td>
</tr>
<tr>
<td>Hayard, Michel, Antide Janvier</td>
<td>258-9</td>
</tr>
<tr>
<td>Higgon, David, Twin Pendulum Grasshopper Clocks</td>
<td>124-5</td>
</tr>
<tr>
<td>James, Andrew, The Equation of Time</td>
<td>413</td>
</tr>
<tr>
<td>Lines, Brian (Sid), From Wreck to Respect</td>
<td>568</td>
</tr>
<tr>
<td>McEvoy, Rory, Admiral Lord Nelson and the Commemorative Domestic Clock</td>
<td>410</td>
</tr>
<tr>
<td>George Graham</td>
<td>414</td>
</tr>
<tr>
<td>Morton, Eric, From Bigamy to the Headless Earl</td>
<td>30</td>
</tr>
<tr>
<td>Platt, Nigel, The Quest for Accurate Timekeeping</td>
<td>266</td>
</tr>
<tr>
<td>Priestley, Philip, The Evolution of the Pocket Watch</td>
<td>120-1</td>
</tr>
<tr>
<td>Read, Matthew, The Boxed Swiss</td>
<td>569-70</td>
</tr>
<tr>
<td>Ridout, Martin, English Clock Systems Ltd</td>
<td>268-9</td>
</tr>
<tr>
<td>Robey, John A., Uttoxeter Clock Cases</td>
<td>31</td>
</tr>
<tr>
<td>Rooney, David, The Bevels</td>
<td>412-13</td>
</tr>
<tr>
<td>Rose, Ronald E., Complicated Carriage Clocks</td>
<td>123, 125-6</td>
</tr>
<tr>
<td>Soebie-Youngs, Keith, Ancient English Turret Clocks</td>
<td>408</td>
</tr>
</tbody>
</table>

**Lecture Report, Continued**

Stuart, Susan, Clock Case Making in Lancashire | 30 |

Thompson, David

_Huguenot Watchmakers in London_ | 568 |

_William Edwards Miller_ | 568 |

Vickery, Bruce, Calton Hill Observatory by Thomas Henderson | 264-5 |

Wetherall, Judith, Water and Oil Gilding | 570 |

White, Ian, Gustave Loup | 262 |

Wijnberg, Cees, Clock Construction | 126-7 |

Wolfendale, Sir Arnold, President's Address | 258 |

Worthington, David, The Atmos Clock | 265-6 |

Leeuwen, Pier van | 400 |

Jan van Call and the Age of the Pendulum Clock in the Netherlands | 33-41 |

Jan van Call of Nijmegen, Lecture | 269 |

Legg, Michael, Symposium in Memory of Hubert Sarton | 30-1, 278 |

Leiden, see Museum, Leiden, Boerhaave | 361-2 |

Leigh, William, Turret Clock | 411 |

Leland, John, Antiquary | 273 |

Lenoir, Robert | 326 |

Lentile, Longcase Trunk Door

Colson, Richard, of London, Marquetry | 94 |

Montlow, Henry, of London, Walnut | 451 |

Quare, Daniel, of London, Marquetry | 152-3 |

_month duration_ | 94 |

Stamper, Francis, of London, Marquetry | 320 |

Tippling, William, of London, Marquetry | 94 |

Leopold, John H., _The Almanus Manuscript_ | 427 |

Leroux, John, of London Balloon Clock, Hour Repeat | 446 |

Longcase Clock, Mahogany, Centre Date | 309 |

Watch, Case and Chatelaine with Enamels by W.H. Craft | 361-2 |

Le Roy, Jean Baptiste, Fusee, Reversed | 308 |

Leroy, Louis, of Paris, Watch, No. 1, 24 Complications | 421-2 |

Le Roy, Pierre, of Paris (1717-1785)

_montre marine_ , Temperature Compensation | 75 |

Turret Clock, Versailles, Great Palace | 420 |

Letters to the Editor 129-31, 272-9, 427-9, 572-4

Borgel Watchcases, David Boettcher | 274 |

Charles MacDowall’s Helical Lever Clocks, Kenneth Cobb | 279 |

Chronometer “Dent 1978”, John Griffiths | 274 |

Correction and Addenda, John Robey | 129 |

Dent Picture of Big Ben, Peter Richardson | 130-1 |

Early English Clocks, John A. Robey | 574 |

Jacot and Drocourt Carriage Clocks, Leigh Exten | 276-7 |

Longcase Clocks Should be Firmly Fixed to the Wall, John Cheetham | 129 |

Medieval Clock Dial Numbering

Malcolm Bell | 275 |

Michael Hurst | 427-9 |

Moonlight Picture, Neil Sanders | 131 |
Letters to the Editor, continued,
Pennington number system, M.E. Cattermole.................................................572–3
Rear winding
Bren Calver..................................................277–8
Ted Parker..................................................427
The Richard of Wallingford clock replica at St Albans
Chris McKay...........................................272–3
Martin Rowling...........................................129–30
Turret clock forum at the BHI – call for speakers, C.G. (Chris) McKay.................574
Lewis, Thomas, injured at Greenwich Observatory........................................338
library, AHS, see AHS: library
Liège, history of...........................................261
Lindsey, John, of Nayland
lantern clock................................................10, 160, 306, 460
Lines, Brian (Sid), From Wreck to Respect, lecture.........................................568
lines, gut........................................................124
Lines, Mark Andrew, Ferranti Synchronous Electric Clocks, reviewed......................111
Linnard, William, Shaping the Day in Wales: Indications of awareness of clock time in Wales before 1800.................................................................526–38
Linstead-Smith, Peter.........................87, 256
wartime loss of ships, and chronometers......106
Liu, Yuanbo..................................................366
Livingstone, Dr David..................................85–6
Llanthony Priory...........................................537
remains of foliot...........................................530
Llanwrtyd, clock ownership in..........................537
Lloyd, Captain John, of Dinas.......................537
Lloyd Jones, Kennett, portrait..................469
Liwyd, Morgan...............................................531
Lloeffler, Manfred...........................................117
Lombardi, Mariann...398, 417
Lolita Delesque and, Armand Couaillet, Horloger et inventeur de genie, reviewed................397–8
Lomonosow, Michail, marine chronometer.........110
London, City of, public clocks in..................267
long duration, month, longcase clock
Graham, George, of London, ebonised fruitwood.............................................588
Quare, Daniel, of London, walnut..................442
Tompion, Thomas, of London
no. 483, mean and sidereal regulator.............178
Wood, John, of Stroud..................................20
long duration, three month
Pace, John, (jun.) of Bury St Edmunds, skeleton clock..........................................60
long duration, year
Hindley, Henry, of York, longcase clocks....30
longcase clock, perpetual calendar, lunar....125
Pace, John, of Bury St Edmunds, skeleton clock.................................................67
skeleton clock, chronometer escapement.......562
long duration, two year
Sarton, Hubert, of Liège...............................261–2
long duration, three year
Pace, John, (jun.) of Bury St Edmunds, skeleton clock.........................................60, 64
long duration, five year
Sarton, Hubert, of Liège...............................261–2
longcase clock (see also regulator, longcase)
The Longcase Clock Reference Book, 2nd revised ed., by John A. Robey, reviewed........541–5
Longcase clocks should be firmly fixed to the wall, letter, John Cheetham........129
miniature, ceramic glazed case.......................124
longcase clock, case (see also lacquered case; marquetry case)
development of.............................................543
fret, ‘verre eglomise’........................................11, 30
imitation mahogany paintwork.......................30
The longcase clock and its case, Symposium in memory of Michael Legg, 30–1
longcase clock, made by
Barber, Jonas, of Winster, senior, oak case, 8-day, un-numbered........446
Bayley, Francis, of Uttoxeter........................31
Bell, Benjamin, of Uttoxeter.........................31
Bilbie, Thomas, of Chewstoke, movement....123
Clifton, John, of Liverpool..............................11
Colson, Richard, of London, bird and flower panel marquetry..................94
Donisthorpe, Joseph, of Normanton
movement, 30-hour.....................................121
East, Edward, of London..............................567
Etherington, George, of London...................567
Fennel, Richard, of London, walnut oyster and floral marquetry........459
Flagett, William, of Newbury.........................544–5
Foster, Thomas, of Carlisle............................566
Fromanteel, Abraham, of Newcastle.............124
Fromanteel, Ahasuerus, of London
Duke of Norfolk’s...............................120
Graham, George, of London
month duration, ebonised fruitwood.............588
no. 707, walnut.............................................4–5
Harrison, James, of Barrow on Humber, 1727..................................................120
Harrison, John and James..............................120
Hartwell, Thomas, of Uttoxeter....................31
Hindley, Henry, of York...............................30
Hindley, of York.........................................567
le Roux, John, of London, mahogany...........309
Marshal, Richard, of Wolsingham...............30
Montlow, Henry, of London, walnut..........451
Moss, William, of Manchester.....................31
Mudgé, Thomas, and William Dutton.............296–7
mahogany.....................................................444–5
Ogden, John, of Darlington...........................30

longcase clock, made by, continued,
Quare, Daniel, of London.........................454
Lowne, Michael......................................335
lunar indication
Barker, Daye, of London, bracket clock.....562
Castagnet, of Paris, mantel clock...............18
Clifton, John, of Liverpool,
longcase clock.........................................11
Dent, of London, no. 32276, pocket
chronometer, tourbillon, minute repeat.....463
January, Antide......................................416
Savage, George, senior, of Huddersfield,
longcase clock.........................................565
Wood, John, of Stroud, longcase clock,
month, world time....................................20
Lunts, of Birmingham, founders.................567
Lynn, of London, misreading, see Hay
Lynes, Hannah........................................61
Lyons, Harold.........................................221, 222, 223, 229
lyre clock
Gulbert, A., of Orleans............................464
Sarton, Hubert, of Liège..........................261

M
McAndro, of London, digital clock.............486
McCabe, James, of London,
carriage clock, no. 2960............................14
Macleansfield, Christ Church, turret clock..411
McCrossen, Alexis
Marking Modern Times: ... , reviewed........394–5
MacDowall, Charles, of Wakefield and London
Charles MacDowall’s helical lever clocks,
letter from Kenneth Cobb.........................279
skeleton clock, helical lever.......................279
MacDowall, Joseph Eden, of London............380
McEvoy, Rory..........................................468, 488
Admiral Lord Nelson and the
Commemorative Domestic Clock, lecture.....410
George Graham, lecture.........................414
McKay, C. G. (Chris).................................177
Big Ben as an electrical master clock.........235–9
portrait...............................................329
The Richard of Wallingford clock
replica at St Albans, letter.........................272–3
Turret clock forum at the BHI –
call for speakers, letter............................574
A Turret Clock in Chioggia.........................329–30
The Turret Clock Keeper’s Handbook
(new revised edition), reviewed.................550
Mclean, John...........................................267
McLennan, Andrew..................................410
McMaster & Son, of Dublin
chronometer, marine, no. 3670..................382
McNay, Bill..............................................256
Maddox, Michael, of Moscow, automaton clock.110
Mahiev, of Coigny, Gothic clock..............507
Main, Revd Robert.................................214
maintaining power, bolt and shutter........277–8
Fennel, Richard, of London, longcase clock, marquetry........459
Graham, George, of London, longcase clock, month, ebonised........588
Quare, Daniel, of London bracket clock, miniature........148
longcase clock, marquetry........152–3
Tompion, Thomas, of London, no. 483, mean and sidereal regulator........178
maintaining power, Harrison’s
Reid, Thomas, and Auld, William, of Edinburgh, longcase regulator........9
maker’s mark, see manufacturer’s mark; trademark; watch case maker’s mark
Malleson, Frederick Thomas..................181
Manley, Cornelius, of Norwich lantern clock........160, 306, 460
Mannhard, of Munich, turret clock..............271
Mansell, Sir Rhys, will, 1558.................534
mantel regulator, see regulator, table
mantel timepiece
Vulliamy, Benjamin Lewis, of London, no. 1133, rosewood........455
manufacturer’s mark (see also trademark; watch case maker’s mark)
ID or JD..............................................184
map of
Camberwell, 1830 (redrawn)..................370
Iberian peninsula..................................490
Marin, Marie-Beatrice.............366
marine timekeeper, see chronometer, marine; timekeeper, marine
Marijnissen, Lucas, visit to workshop of......408–9
Markwick, James, of London, bracket clock
ebeny or ebonised case, basket top...........167
kingwood case, basket top........................2
Marland, Lady Penelope.....................518
marquetry, similar examples, longcase clocks........94
marquetry case, longcase clock
Colson, Richard, of London, bird and flower panel........94
Fennel, Richard, of London, walnut oyster and floral........459
Quare, Daniel, of London bird and flower panels........152–3
floral panels...........................................156
month duration, bird and flower panel........94
Stamper, Francis, of London, bird and flower......................320
Tipling, William, of London, bird and flower panel........94
marriage clock, longcase clock..............30
Marsden, Alexander (Alec)...................173
Marshall, Richard, of Wolsingham, longcase clock..............30
Marshall, Tim
North Oxfordshire Quaker Clocks, notice of exhibition........31–2
The Quaker Clockmakers of North Oxfordshire, reviewed........399–400
Marsh, Walter, of Worcester..................517
Marti I, King of Aragon..........................493
Martin, Thomas, of London, The circle of the mechanical arts (book, 1813)........377
Maskelyne, Nevil.................................88
papers, digitized..................................331
Massey, Edward J., of London chronometer, marine, no. 125......78–9
Matthews, Martin, watch case maker...........123
obituary.............................................173–4
portrait..............................................173
Matthews, Ron, lecture report..................126
Maudslay, Henry....................................204
Maudslay, Sons, & Field, of Lambeth, time balls..................201, 204
Maunxell, Sir Rice, will, 1558.............534
Maxwell, Donald, artist,
View from Greenechiz, c. 1924..................334
Mechanical clocks in the medieval Castilian royal court,
Victor Pérez Álvarez..................................489–502
meeting report (see also lecture; tour)
Morris, Vernon....................................123
Nye, James...........................................415
Meis, Jos.............................................126
Mercer, Thomas, Ltd, of St Albans,
chronometer, survey, sidereal time, electrical contacts......................121
Mercer, Dr Vaudrey.........................367, 377
Mere, John, of Salisbury,
msreading for Webbe............................503
meridian instrument, Rømer, Ole........519, 523–4
Mesgin, Iwan, of Tomsk, complicated clock........110
Midlands Section, see AHS, Midlands Section
Miller, William Edwards Miller: …, lecture by David Thompson........568
Mitchell, Arthur.................................254
mock pendulum (clock), see false pendulum
Molynieux, Robert, of London,
compensation balance..........................74–5
Montlow, Henry, of London,
longcase clock, walnut.........................451
monumental clock, Nijmegen,
Schepenhal, in shape of bell tower...........33–4
moon dial, see lunar indication
Moore, John and Sons, of Clerkenwell

turret clock........................................271, 567, 571
Truro.................................................415
Moore, Thomas, of Ipswich, lantern clock........160
Moorhouse, John,
explaining engine turning......................122
Morbier clock.......................................424
More, William, Prior of Worcester.............517
Mornas, Daniel.................................421
Morris brothers, of Anglesey, correspondence........538
Morris, Ken.............................226
museum, continued,
Macclesfield, silk ........................................ 411
Manchester, Science and Industry .......... 111
Mortenau, château Pertusier ..................... 423
Nantwich ................................................... 410
Naples, Royal Palace .................................. 549
New York, Metropolitan Museum of Art.... 351–4
Paris
Breguet .................................................. 416
CNAM .................................................. 416–17
reserve depot .......................................... 418–19
Louve ..................................................... 418
St-Nicolas-d’Aliermont .............................. 397–8, 417
Schoonhoven, Dutch Gold, Silver and Clock 269
auction of items ........................................ 270
disposal of clocks and watches .................. 126
Toulouse, Musée Paul Dupuy .................... 424, 425
Utrecht, National Speelklok.................... 35, 563–4
Versailles ................................................. 420–1
Villers Le Lac, Musée de la Montre ........... 423
Winterthur, Uhrensammlung .................... 547–9
York, Fairfax House ................................... 567
Zaanstad, Nederlandse Uurwerk ................ 561–2
symposium .............................................. 400–1
musical box
disc ................................................................ 569
Mechanical Music, lecture by Ted Brown .... 568–9
musical casket, enameled by W.H. Craft, with watch .......... 359–60
musical clock
barrels, box of twelve ............................... 123–4
Moonlight Picture, letter from Neil Sanders .... 131
picture clock ............................................. 457
musical clock, by
anonymous, table clocks, with enameled by or attributed to W. H. Craft. ...... 186–8, 347–9, 350–1, 355–9
Baker, J., of Newcastle?, restoration of ...... 567–8
Clay, Charles, of London ......................... 266, 470
Handler, George, & John Moore, of London, bracket clock ................. 121
Howlett and Horne .................................... 262
Jones, William, of London, rear winding, bracket clock .................. 427
Kusnezov, Jegor (Shepinski) ...................... 110
Rimbault, Stephen, of London, French-style case.......................... 319
Walker, J., of Newcastle, restoration of ...... 567–8
musical watch, Kulibin, Iwan, of Novgorod .... 110
Mutual Security Agency ............................ 221
mystery clock
anonymous French, garniture .................... 462
Jefferson Golden Hour ................................ 124
Robert-Houdin, Jean-Eugène ..................... 260

Morris, Vernon ......................................... 123
meeting report ........................................... 123
Morton, Eric, _From Bigamy to the Headless Earl_, lecture on North-Eastern clockmaking..... 30
Moss, William, of Manchester, longcase clock .... 31
Mostyn, Sir Thomas ................................. 531
motion work
daisy-wheel .............................................. 126
driven by intermediate wheel ......................... 389, 390–1
mottoes ..................................................... 20
Soo are time pastie auseaie ......................... 511–12
[Time shows the] way of life’s decay .............. 11
Mudge, Thomas, of London, reward for chronometers .................................. 374
Mudge, Thomas, and William Dutton
longcase clock ........................................... 296–7
mahogany .................................................. 444–5
quarter chiming from two trains ................... 30
Mudge, Thomas, junior, of London ............. 369
chronometer manufacture .......................... 374–5
Mueller-Maerki, Fortunat E ......................... 416
book review .......................................... 107–11, 396–8, 546–7
Murdoch, Tessa, discussion at
symposium on van Call ............................... 57
museum
Amsterdam, Rijksmuseum ............................ 560–1
Anston Engine Museum ................................ 411
Arras, Beaux Arts ....................................... 417
Asten, Klok & Peel (National Carillon) ........... 564
Beijing, Royal Palace Museum ...................... 347, 350–1, 549
Belmont, Kent .......................................... 569–70
Besançon, Musée du Temps ......................... 421
Birmingham .............................................. 549
Bremerhaven, German Maritime ................ 396–7
Charroux, Musée d’Horlogerie ...................... 423, 424
Écouen, musée national de la Renaissance .... 418
Edinburgh, National Museum of Scotland ......... 119–20
Franeker, Museum Martena .......................... 563
Furtwangen, Deutsches Uhrenmuseum ......... 314
Geneva, Patek, Philippe & Co ....................... 161
Girona, City History ..................................... 327, 328
Greenwich, National Maritime Museum ......... 85
Haarlem, Teylers museum ......................... 400–1
Indianapolis Museum of Art ....................... 361
Isle-Jourdain, Musée européen d’art
Campanaire ............................................. 423–4
Joure ......................................................... 563
Le Loele, Château des Monts ....................... 347–9
Leiden, Boerhaave ..................................... 564
London
British Museum ......................................... 469
symposium in memory of
Michael Legg, _The longcase clock and its case_ 30–1, 278
Clockmakers’ Company museum ............ 376, 377
_The Clockwork_ ........................................ 127–8, 413
Cox’s ...................................................... 180
catalogue .................................................. 366
Notes, continued,
"the Journal", John Plowman..............100–1
Nye, James..........................127, 177, 256, 413, 468
lecture report..........................270, 570–1
meeting report..........................127–8, 415
portrait..................................127, 325
Smiths: A long time in making,
St Roche's Lecture 2013..................325–6

O

obituary, of
Ende, Hans van den (1936–2012),
by Paul H.M. Kersten......................27
Martin Matthews (1935–2013),
by Anthony Turner.........................27–8
Rogers, Phil (1945–2012),
by Anthony Turner.........................27–8
Vernon, John, by Keith Scobie-Youngs..28–9
O'Brien, Thomas..........................177
observatory
d'Abbadie, Antoine.........................424–6
Besançon..................................422–3
Cape Town, Cape..........................85, 265
Copenhagen University..................521–2
Edinburgh, Calton Hill....................200, 265
Greenwich, Royal Observatory...........89, 221, 264
chronometer trials......................78–9, 80, 86–7
Flamsteed House, repairs to.............336
Octagon Room............................205
painting of, 1924..........................293, 323
time ball..................................198–218, 250, 332–46, 471–88, 559
view of, c. 1851............................215
Kensington, Sir James South's..........382
Madas..................................105
Romé, Ole, private.........................519–21, 522–3
Vrålsømagle..............................521, 523–4
Washington, United States Naval......221
observatory, decimal, d'Abbadie, Antoine..424–6
observatory five-second marks
Graham, George, of London..............89
Oestmann, Günther, Auf dem Weg zum
"Deutschen Chronometer – …
", reviewed..107–8
Ogden, John, of Darlington, longcase clock..30
Ole Romé's temperature correction of
pendulum clock rates, by Poul Darnell..519–25
organ clock
Clay, Charles, of London..................470, 549
Sarton, H.C., of Liège......................261
Ormrod, Charles..........................127
orrery, by, Janvier, Antide...............424
Osborne, Clive............................29
De Oude Tijdwijzer.........................27
Oudin, Charles, of Paris..................416
watch, souscription, with solar time.....413
overlift, in nag's head striking.........242, 244–5
Owen family, of Llanrwst.................31
Owen, Gorony, correspondence...........538
Pace, Charles, of London........................................70
  bracket clock, no. 484......................................70
Pace, David Edmund, *The Pace family* ................................60–71
Pace, Edmund, of London....................................68–9
Phoenix Match Company...............................................68–9
portrait........................................................................69

*The Pace family of Quaker clockmakers*,
  by David Edmund Pace..................................60–71
  corrections (letter from Robert Parrott)..............278
Pace family tree..........................................................71

Pace, Frederick ................................................................70

Pace, Henry, of London.............................................60–71
Pace, Henry, of London.............................................69
  bracket clock..........................................................69
Pace, Henry John, of Bury St Edmunds.................68

Pace, John, of Bury St Edmunds................................61–2, 64–8
barometer.................................................................60
booklet, memorial to...............................................60
night timepiece, patented...........................................66
obituary (1867)..........................................................64
portrait........................................................................65
premises, Bury St Edmunds......................................64–5
skeleton clock..............................................................68
  8-day.....................................................................68
  pyramidal form.......................................................68
  three-month duration.............................................60
  year duration..........................................................67
  three-year duration..................................................60, 64
  wall clock, drop dial striking...............................65, 278
watch, silver................................................................66
  no. 7429 (?).............................................................66

Pace, John, of London...............................................60–1
  English dial clock [misattributed to]......................61, 278
Pace, John, of London, shoemaker..........................60
Pace, Thomas, of London, c. 1646..............................60
Pace, Thomas, of London, senior................................61–2
  bracket clock..........................................................62
  Dutch striking, ¼ chiming........................................63
  premises, 128 Whitechapel High Street..................62
will...............................................................................62

Pace, Thomas, of London, junior.................................62
  bracket clock..........................................................64
will...............................................................................62

Padbury, Matthias, of Burford..................................400
Pafroy, Anton, of Girona, work on turret clock..........328
Page, Michael............................................................266
painting (see also artist; picture clock; portrait)

  An Old Watchmaker at the Bench,
  Charles Spencelayh..............................................122–3
Palin, John, of Nantwich, turret clock.....................410
Pantin, Lewis, of London, clock, enamel
  decoration by John Howes.......................................365
Parker, Benjamin, of Bury St Edmunds......................66, 67
Parker, Charles, of Bury St Edmunds.......................67
Parker, Ted, *Rear winding*, letter...........................427
Parr, William, of London
  musical clock, engravings by Craft......................181–2, 184
  *Treatise on Pocket Watches* ... (1804)..................184

Parro, Sixto Ramón....................................................492
Parry, J.V.L. (Jack).....................................................222–3
  portrait of.............................................................223

patent

Elordi (electro mechanical)..................................328
Kirk, Charles,
  U.S. no. 3233, 1843.............................................385, 386–7, 391
Loseby, Edward Thomas, of London,
  no. 1011...............................................................77–8
Molyneux, Robert, of London...............................75
Pace, John, of Bury St Edmunds,
  night clock...........................................................66

Patents, lecture by Steve van Dulken.....................270
Robert-Houdin, Jean-Eugène.................................260–1
Savage, George, senior, of Huddersfield,
  remontoire..........................................................565
Peachey, Geoff........................................................122
Pearson, Page and Jewsbury, of Birmingham
  water clock, spurious...........................................112
Pearson, William.....................................................381–2
Pedersen, Kurt Møller..............................................412
Pedro IV, King of Aragon.........................................491, 493
pendule religieuse,
  Savin, Urbaine, of Troyes.......................................270

pendulum
  bob graduated for regulation................................102–3
  cow-tail...................................................................95–7
  Kater’s reversible...................................................104–5
  magnetic correction of..........................................484–5

pendulum clock, early development of
  Call, Jan van, of Nijmegen......................................34, 37–8

English and Continental constructions.....................574

Going Dutch, Haarlem, 3 Dec. 2011,
  symposium proceedings, reviewed........................400–1

pendulum, compensating (temperature)
  gridiron
    Castagnet, of Paris, mantel clock.......................18
    Janvier, Antide..................................................416

Pennington, Robert, of London
  (1752–1813)..........................................................382
invar, Riefler, Clemens, of Munich,
  no. 406, wall regulator.........................................461
Loseby, Edward Thomas, of London.........................77, 87

mercury
  Reid, Thomas, and Auld, William,
  of Edinburgh, longcase regulator.........................9

pendulum, cow-tail.....................................................240

pendulum, double
  history of..................................................................125
Janvier, Antide, longcase regulator..........................424, 425

  Twin Pendulum Grasshopper Clocks,
  lecture by David Higgon........................................124–5

pendulum, false, see false pendulum

pendulum, Foucault....................................................416

pendulum, isochronous control of
  Loseby, Edward Thomas, of London.....................77, 87
pendulum, length of seconds...................................382

Penney, David..........................................................384, 468
discussion at symposium on van Call.......................54, 56
Pennington, Alexander, of London...........................373
Pennington, James, economic theorist.....................369

619
Pennington, James, of London, Prescot and Liverpool
  balance, compensation..........................378
  life of..........................................372
Pennington, John, of London................372–3, 381
  balance, compensation........................378
  chronometer, marine, no. 1512............383
  hack watch, no. 1299............................383
Pennington, Lewis William..........................373
  Pennington number system, letter from
    M.E. Cattermole..................................572–3
table of numbers known..........................573
Pennington of London: a brief history of the
  family, the firm and their chronometers,
  by A.D. Stewart....................................367–84
Pennington, Pendleton, and others, of London,
  chronometer, marine, no. 12..................373
Pennington, Robert, of London (1752–1813)
  balance, compensation........................299, 377–8
  chronometer, marine,
    no. 1/430..................................378, 380, 381, 572
  chronometer, pocket
    no. 4/433..................................378, 380
    no. 111/510..................................378, 380, 572
    no. 117/511..................................378, 380, 572
    nos. 130/596, 152, 182......................380
    no. 148/673..................................299, 380, 572
    no. 203......................................380
    no. 426......................................378, 379, 572
  dovetail detent, no. 148/673...................299
family tree.........................................368
inventions..........................................375–8
life of and premises.............................369–71
numbering system..................................572–3
regulator, longcase................................381, 382
sector..............................................375–6
vernier gauge......................................377
watch
  no. 2, verge....................................378–9
  no. 409, verge..................................379
watches, chronometers and regulators.........378–82
Pennington, Robert, of London (1780–1854) 383–4
  birth..............................................369, 381
chronometer, marine
  no. 241........................................383
  nos. 263 and 283, 2-day.......................382
chronometer, pocket, no. 106/483.............572
description of Mudge’s timekeeper...........374–5
life of............................................371, 372
numbering system..................................572–3
regulator, longcase................................382
Pennington, Robert James, and Henry,
  of London........................................372
Pennington, Thomas, of London, life of........372
Pennington, William, of Kendal, stationer.....369
Perissas, Michel...................................424
Perkins, Adam......................................488
Perkins, John, of Llantrithyd, diary entries...538
Perkins, Moore, of Sully, Glamorgan, will....536
Perpignan, tower clock..........................490, 492
Perry, Kevin........................................123, 569

Phillips, Eóin......................................331
Phillips, Eóin, and Richard Dunn,
  Of clocks and cats................................88–93
Phillips, William D.................................177
Phoenix Match Company................................68–9
Pickman, William, of London....................380
  chronometer, pocket, no. 3165................380
picture clock
  Dent Picture of Big Ben........................130–1
  musical, ¼ strike and repeat, Brancas
    Quay, Nantes, L.V. Fouquet, artist............457
Picture Gallery
  30-hour iron wall clock dated 1748,
    by John A. Robey..............................240–5
  One-day single-handed Augsburg
    spring timepiece c. 1680,
    by John A. Robey..................................95–9
Three of a Kind.....................................94
Piggott, Keith.......................................401
discussion at van Call symposium..............56, 57–8
Pil, Bernhard, of St Petersburg................110
Pilkington and Gibbs, heliochronometer.........409
pinion, lantern, riveted shroud..................387, 389
pips, “six pips” time signal........................483–5, 486–7
Pitt, Thyar, of London, watch, no. 1025,
  case with enamels perhaps by W.H. Craft.....364
Pitts, William, servant.............................90
Pixiu, Hippolyte.....................................235
Pjaterikow, Aleksei..................................110
planetarium
  Degenaar, Bert...................................562
Eisinga, Eise.......................................562, 563
Plant, G. of Harborne,
  engine turning machines......................121–2
  plates, movement, strap construction.....385, 386–8
  platinum, consumption by NPL atomic clock..228
Platt, Nigel, The Quest for Accurate
  Timekeeping, lecture............................266
Plomp, Reinier.......................................103, 400
Plowman, John, Reflections on sixty years
  of “the Journal”, Note..........................100–1
  pocket chronometer, see chronometer, pocket
    poetry, Welsh, mentions of clocks
    and watches....................................531–2
Pohancenik, Rebecca................................400
Poljot, of Moscow,
  production of marine chronometers..........109
Pollock, Professor Isobel..........................219
Polyphon..............................................569
Pond, John, Astronomer Royal...............198, 202, 203–4
  papers digitized...............................331
Ponsford, Clive N., book review...............399–400
Pook, Les, book review............................111
Poole, John, of London
  chronometer, marine, no. 1155................78–9
Poole, John, of London, junior,
  compensation balance.............................378
The Porviss clock of 1567 – the earliest surviving
domestic clock made in England,
  John Robey and Leighton Gillbrand.441, 503–18
Read, David...................................................468

*Observatory Time by Radio*, lecture, advertised........................................552
portrait...........................................................................................................552
Read, Matthew.............................................................414
*
The Bowes Swan*, lecture....................................................569–70
portrait...........................................................................................................325, 406
recusancy.....................................................514–16
reed, vibrating, use during power failure...........269
Reflections on sixty years of “the Journal”, Note, by John Plowman............100–1
regulation, rise and fall by key
(see also under dial, subsidiary control)
Vulliamy, Benjamin Lewis, of London,
o. 1133, rosewood mantel timepiece..455
regulator
control of turret clock, by E.T. Losby.......87
trade suppliers of movements.............266
regulator, longcase, by
Beyton, James, of Howden...........567
Collin/Wagner, decimal sidereal............426
Condllff, James, of Liverpool..............382
Dent, of London, decimal sidereal....424, 426
Graham, George, of London
“Graham no. 3”........................................89, 211
accuracy of........................................89
Grant, of London, striking..................306
Haswell, Alexander, of London..........105
Janvier, Antide, double pendulum.......424, 425
Pennington, Robert, of London, sen...381, 382
Pennington, Robert, of London, jun.....382
Reid, Thomas, and Auld, William,
of Edinburgh.........................................................9
Tompion, Thomas, of London
no. 483, mean and sidereal..............178
regulator, observatory
Earnshaw, Thomas, of London........89, 91
regulator, table
Cole, Thomas, of London, tripod,
barometer and thermometer...............165
regulator, tank
Leroy, Louis, of Paris, decimal........424, 426
regulator, wall
Riefler, Clemens, of Munich
no. 406, electric remontoire.............461
Reid, John S., *Chronometer 'Dent 1978'
at Aberdeen*, Note.........................104–6
Reid, Thomas.....................................................376, 383
*Treatise on Clock and Watch
Making* (book, 1843).........................376, 377
Reid, Thomas, and Auld, William,
of Edinburgh, longcase regulator........9
Reilly, Robin......................................................179
remontoire
Savage, George, senior, of Huddersfield..565
tower clock, unusual.........................423
remontoire, electric
Riefler, Clemens, of Munich,
o. 406, wall regulator.........................461
repeat, five-minute
Barraud and Lunds, of London
carriage clock, no. 4731..................6
carriage clock........................................121
Fleetwood, Robert, of London,
bracket clock........................................160
repeat, hours
Emery, Josiah, of London, bracket clock,
ebonised...........................................448
Leroux, John, of London, balloon clock.....446
Pace, Thomas, of London, junior,
bracket clock..........................................64
Whitelaw, James, of Edinburgh
table clock, rosewood, four-glass........157
repeat, minute
Dent, of London, no. 32276,
pocket chronometer, tourbillon,
perpetual calendar.........................463
repeat, quarter
automaton watch...............................21
Leroux, John, of London, watch, dumb...361–2
picture clock........................................457
Rochat Frères / Reymond, Georges, Genf,
musical bird box and watch.............317
repeat, quarter, bracket clock, by
Bradley, Langley, of London,
double basket top..............................165
de Charmes, Simon, of London,
green and polychrome lacquer...........294
Gammon, William, of Birmingham,
3-train, H&M 2672.................................12
Gwilt, John, of London, ebony case....15
Handley, George, & John Moore, of London,
o. 2672, 3 train.................................12
Knibb, John, of Oxford
 ebony case, alarm timepiece........20, 162, 464
Knibb, Joseph, of London
 ebony case........................................170, 292
 walnut case........................................440
 walnut case, timepiece.......................24
Speakman, William, of London,
double basket top..............................319
Taylor, Thomas, of London, turtleshell..150
Tompion, Thomas, of London
no. 121...........................................301
no. 171...........................................313
Tompion, Thomas, and George Graham,
no. 537...........................................305
Underwood, of London.....................160
repeat, unspecified
Desbois, Daniel, of London, bracket clock..451
Markwick, James, of London,
bracket clock, kingwood case.................2
Quare, Daniel, of London,
miniature bracket clock.....................148
Taylor, John, of London, bracket clock....121
repoussé, punches for forming.............563
research request
Hart, L.J., drawings in *The Almanus*
Manuscript........................................427
Jacot and Drocourt carriage clocks........276–7
research request, continued,
MacDowall, Charles, of Wakefield and London..........................279
restoration
Clocks I have worked on during the past year, lecture by Darren Cox........119–20
dial, painted.................................................126
practical tips..................................................124
Restoration of a musical clock,
lecture by Jim Arnfield..........................567–8
techniques..................................................408–9
From Wreck to Respect,
lecture by Brian (Sid) Lines...............568
Reutter, Jean-Louis, Atmos clock..............265
Reymond, Georges, of Geneva, musical bird box and watch, ¼ repeat, Rochat Frères........317
Rhodes, David, artist.................................179
Rhydderch, Ieuan ap.................................531
The Richard of Wallingford clock replica at St Albans
letter from Martin Rowling.........................129–30
letter (reply) from Chris McKay..............272–3
Richards, Captain George.............................86
Richardson, Peter,
Dent Picture of Big Ben, letter.................130–1
Rickett, George William.............................274
Ridout, Martin...........................................127, 255
Bits from the Blog......118, 263–4, 406–7, 557–8
English Clock Systems Ltd, lecture........268–9
Riefler, Clemens, of Munich, regulator,
wall, no. 406, electric remontoire............461
Rigby, Josiaf, of London..............................182
Rimbault, Stephen, of London, bracket clock,
musical, French-style case......................319
ring timekeeper (relax), 1453–4...............495
Rio de Janeiro, absence of clocks and watches except English and French in........91
rise and fall, see under dial, subsidiary control
Ritchie, James & Son, of Edinburgh
turret clock, half-scale model................119
Robert-Houdin, Emile, mystery clocks........260
Robert-Houdin, Jean-Eugène
electrical interest and clocks.....................260–1
Jean-Eugène Robert-Houdin,
lecture by Francoise Collanges..............259–61
life and work summarised.....................259–61
mystery clocks.................................260, 414
Roberts, Huw...........................................531
Roberts, Ruth..............................................366
Roberts, Samuel, of Llanfair Caereinion.......536, 539
Robey, John A............................................277, 468
30-hour iron wall clock dated 1748,
Correction and Addenda, letter..............129
Early English clocks, letter......................574
The Longcase Clock Reference Book,
2nd revised ed.
notice........................................................401
reviewed..................................................541–5
meeting report.................................121

Robey, John A, continued,
One-day single-handed Augsburg spring
timepiece c. 1680, Picture Gallery..........95–9
Uttercek Clock Cases, lecture.....................31
Robey, John A. and Leighton Gillibrand
The Porrvis clock of 1567 – the earliest surviving domestic
Clock made in England.........................441, 503–18
Robinson, George......................................488
Robinson, Tom.............................................30
Rochat Frères, and Georges Reymond of Geneva, musical bird box and watch........317
Roe, Joshua, of London............................544–5
Roger of Stoke, horologiarius....................273
Rogers, Phil
obituary, by Anthony Turner.................27–8
portrait......................................................28
Rolex, use of Borgel watch cases...............274
Roll, Hans, of Augsburg?, table clock........566
rollers, anti-friction, Quare, Daniel, of London,
miniature bracket clock.......................148
Romer, Ole
clocks..................................................519–23, 524
observatory, home................................519–21
Ole Romer’s temperature correction
of pendulum clock rates,
by Poul Darnell..........................................519–25
thermometer.................................................524
Romme, Charles Gilbert.........................113
Rondot, Bertrand.........................................421
Rooker, Richard, of London, lantern clock........318
Rooney, David...........................................177, 468
The Belvilles, lecture...............................412–13
Rosas, Frederic, of Pamplona, turret clock........328
Rose, Ronald E., Complicated Carriage
Clocks, lecture........................................123, 125–6
Roskell, hoop and spike clock, strike, alarm......126
Ross, Sir James.................................................84
Rothschild, Lynn.........................................177
Rothwell, Emma...........................................568
Rowland, Mrs.............................................326
Rowling, Martin, The Richard of
Wallingford clock replica at St Albans
letter..........................................................129–30
reply by Chris McKay.........................272–3
Royal Geographical Society, watch, no. 28.....143
Rugby Radio Station..................482–3
Russia
Das Uhrmacherzeesen in Russland –
Meister und Bezugner,
by Konstantin Chaykin, reviewed...........109–11
Poljot chronometer manufacture............109
Roydall, William Wynne, artist................193, 194

S
Sabakin, Lew, of Tver, astronomical clock........110
Sabrier, Jean-Claude, collection...............416
Saff, Donald.............................................177
St Alban’s, Abbey,
Richard of Wallingford’s clock...........................................273
replica model.............................................................................272
St Roche’s horological lecture, 2013
Smiths: A long time in making,
by James Nye.........................................................................325–6
Salomon Coster medal, awarded to
Hans van den Ende.....................................................................27
Saluz, Prof. Eduard C.
The German Clock Museum,
Furtwangen – 160 years of collecting,
Dingwall-Beloe lecture, 2013, advertised.................................314
portrait of.......................................................................................314
Sanders, Neil, Moonlight Picture, letter.................................131
Sandoz, Maurice..........................................................................347
Sandro, Massimo di, Macchine Musicali
al tempo di Händel, reviewed..................................................549
Sarton, Hubert, of Liège
clocks and watches by...............................................................261–2
Hubert Sarton,
lecture by Michael van Gompen..............................................261–2
Satterthwaite, Gilbert.................................................................335
Sauer, Albrecht, Time at Sea – Chronometers
and their Creators: …, reviewed.............................................396–7
Savage, David, of London..........................................................565–6
The Savage Family, Achievements and Adventures,
lecture by Andy Blagg...............................................................565–6
Savage, George, of Howden.......................................................565
Savage, George senior
when of Huddersfield...............................................................565–6
longcase clock, 30-hour.............................................................565
when of Montreal, watch, no. 2800.............................................565
Savage, George junior, of London..............................................565–6
Savin, Urbaine, of Troyes, pendule religieuse............................270
Sawadski, N.B. ...........................................................................110
Scafe, William, of London, double pendulum.........................125
Schloethem, Hans, nef or ship clock..........................................418
Schnipper, Daryn..........................................................................366
Scholz, Julia, and Johannes Graf
Kuckucksuhr, mon amour,
book, reviewed.........................................................................546–7
Schrevel, Aart, Further reading.................................................132–3, 282
Scobie-Youngs, Keith.................................................................415
obituary of John Vernon FBHI..................................................28–9
portrait.........................................................................................553
The Turret Clocks of Salisbury, Wells, and Rye, lecture............408
advertised.....................................................................................553
Scottish Section, see AHS, Scottish Section
scratch dial, Welsh.....................................................................527–8
Screymgeour, James, of Glasgow
compensation balance..................................................................75, 76
sea clock, see timekeeper, marine
seal, wool, made of lead.............................................................513
second, definition of.................................................................225
Seitz, Bob and Gay......................................................................416
Seneca, Bernard..........................................................................417
Sewell, Jeremiah, of London.......................................................61
Shaping the Day in Wales: Indications of
awareness of clock time in Wales
before 1800, by William Linnard..............................................526–38
Shaw, Matthew
Decimal Clocks and Ten-Day Weeks –
the French Republican Calendar,
lecture.........................................................................................407–8
advertised.....................................................................................113
portrait.........................................................................................113
Time and the French Revolution, book.................................113
Shenton, F.G.A., Dr Alan Shenton Award.................................175
Shenton, Rita..............................................................................175
Shentonbooks, closure of.........................................................175
Shepherd, Charles, of London
chronometer, marine, no. 441..................................................78–9
clock system at Greenwich
Observatory..............................................................................216–18, 239, 346, 483, 485
Sherwin, John Keyse, engraver..............................................363, 366
ship
Daedalus.......................................................................................89
HMS Acheron.............................................................................84
HMS Advance............................................................................85
HMS Alert....................................................................................85
HMS Assistance.........................................................................84, 85
HMS Beagle...............................................................................383
HMS Challenger.........................................................................383
HMS Chatham............................................................................89
HMS Columbia..........................................................................85
HMS Discovery..........................................................................85
HMS Discovery..........................................................................89
HMS Doterel...............................................................................86
HMS Enterprise..........................................................................84, 85
HMS Firebrand..........................................................................85
HMS Gannet..............................................................................86
HMS Hecate...............................................................................86
HMS Hydra...............................................................................84
HMS Intrepid.............................................................................84, 85
HMS Investigator.......................................................................84, 85, 91–2
HMS Pioneer.............................................................................84, 85
HMS Polyphemus.......................................................................84
HMS Procidence........................................................................91
HMS Rattlesnake.......................................................................86
HMS Rescue...............................................................................85
HMS Resolute..........................................................................84, 85
HMS Rifleman...........................................................................85
HMS Saracen.............................................................................85
HMS Serpent..........................................................................86, 86
HMS Syfylea...............................................................................85
HMS Tynec.................................................................................105–6
short duration
Porrvis (Purvis), James, of Salisbury,
Gothic clock.............................................................................508
Short, James, James Short, telescope maker,
and his support for John Harrison,
lecture by Prof. Jim Bennett.....................................................119
Shortland, Captain Peter............................................................84
Sidwell, Edward, of London
hooded wall clock, 30-hour, 1665.............................................126
signature
Call, Jan van, of Nijmegen
on disputed pendulum wall clock
dated 1657..............................................................................43–4
on turret clock........................................................................43, 35, 36, 37, 39, 40, 41
Hindley, Henry, of York............................................................30, 278
signature, continued,

Nauta, Jacobus, of Leeuwarden,
Hague clock………………………………………102
Weekherln, Elias, of Augsburg, timepiece……98
silk mill, Macclesfield………………………………411
silver, see spandrel, silver
Simpson, G., of London, bracket clock, rear
winding……………………………………………427
singing bird, musical bird box and watch,
Rochat Frères / Georges Reymond, Geneva…………317
skeleton chapter ring, see under dial construction
skeleton clock, long duration
Pace, John, of Bury St Edmunds………………...60, 67
year duration, chronometer escapement…………562
skeleton clock, made by
Pace, John, of Bury St Edmunds
8-day……………………………………68
pyramidal form………………………………68
year duration………………………………67
unattributed, year duration…………………562
Sleightholme, Joseph, of Spalding,
longcase clock…………………………………566
Smith, Barnaby…………………………………569
Smith, Gabriel, of Chester………………………112
Smith, John, and Sons, of Derby, turret clock
Kewyn…………………………………………415
Macclesfield, Christ Church……………………411
Smith, Joseph, of Chester………………………112
Smith, Kenneth F., physicist…………………...222
Smith, Roger, Justin Voltianny and the
Swiss Community …, lecture, advertised…………402
Smith, Samuel………………………………….268
Smiths English Clocks Ltd
English Clock Systems Ltd, lecture by Martin Ridout…………268–9
Smiths Industries Group
Smiths: A long time in making,
St Roche's Lecture 2013, James Nye……………….325–6
Smout, Corporal Ted, killed aged 106………….129
Smyth, Piazzi……………………………………204, 205
Smyth, Walter, of Worcester……………………517
Snow, John, of Frome, longcase clock…………164
snuff box, musical……………………………569
Sobel, Dava………………………………………177
Society of Arts, Loseby’s paper to………………80, 81, 82
Sol Horometer……………………………………409
South East Time Services…………………………29
South Eastern Section, see AHS, South Eastern
Section
Southern Section, see AHS, Southern Section
spandrel, silver
Fromanteel, Ahasuerus, of London,
wall clock………………………………………163
Speakman, Edward, of London,
longcase clock……………………………………568
Speakman, William, of London,
bracket clock, double basket top, ¼ repeat…………319
speedometer
Bonniksen, Bahne………………………………559
North, Robert Benson……………………………325
Smiths…………………………………………..325
Spenceayh, Charles, painting by,
An Old Watchmaker at the Bench……………..122–3
Sporig, Heinrich Diederich, of London
bracket clock, ¼ chiming, mahogany………………165
sporran, pink enamelled…………………………502
Stadt, Josef……………………………………….117
Stamper, Francis, of London, longcase clock,
walnut, olivewood, and marquetry…………………320
Stanton, Edward, of London, lantern clock, 10, 160
Staples, George, of London, English dial,
small verge timepiece, saltbox…………………159
statue of
Flinders, Captain Matthew…………………91
Trim (Flinders's cat)……………………………..92
Stern, Michael……………………………………111
Steward, J.H., of London
Jordan’s Glycerine Barometer…………………119–20
Stewart, A.D., Pennington of London:
a brief history of the family, the firm
and their chronometers………………………367–84
Stokes, Captain John……………………………84
Stone, John, of Bristol area
lantern clock………………………………….160, 306, 460
Stone, John, of London, lantern clock…………10
Stoner, David C., meeting report…………………123–4
stool clock (stoelklok), provincial…………………269
stop watch, see chronograph
Storer, William, optician and inventor………..324
Street, James, of London,
watch, enamel-cased……………………………359–60
Strehlow, Kurt……………………………………117
Stribling, Benjamin, of Stowmarket
lantern clock…………………………………10, 160, 306, 460
original anchor escapement………………….121
strike/silent lever
(see also under dial, subsidiary control)
Bradley, Langley, of London,
bracket clock, ¼ repeat, double basket top…………165
Fleetwood, Robert, of London,
bracket clock……………………………………160
Knibb, Joseph, of London, bracket clock
ebony, ¼ repeat………………………………170, 292
walnut, ¼ repeat…………………………………440
Markwick, James, of London
bracket clock, basket top…………………………167
Mudge, Thomas, and William Dutton
longcase clock…………………………………..444–5
Nauta, Jacobus, of Leeuwarden…………………103
Pace, Charles, of London,
bracket clock, no. 484……………………………70
Tompion, Thomas, of London, no. 121…………301
striking (see also chiming, quarter)
as illustrated by Leonardo da Vinci………………129
unusual rack………………………………………388–92
striking, count-wheel, see count-wheel
striking, Dutch, bracket clock,
Pace, Thomas, of London, senior……….63
striking, grande sonnerie
table clock, enamels by W.H. Craft………………347–9
striking, inside rack……………………………388, 390, 391–2
striking, nag’s head……………………………242–5, 509–10
striking, quarter (see also chiming, quarter)
Ellicott, of London, bracket clock, ebony case, enamel dials........3
striking, rack, unusual warningless..................388–92
striking, unusual, Another unusual compact 8-day movement with rack & snail striking, Peter Gosnell..........385–93
Stringer, Joseph, turret clock, Nether Alderley. 411 strut timepiece
Cole, Thomas, of London, no. 1117........298
Stuart, Susan, Clock case making in Lancashire, lecture........................30
study tours, overseas, see under tour
Summer Time, British,
effect on Greenwich time ball..................345
sun, approximate time from......526, 528, 529, 539
sundial...................................................492
Club Night featuring..........................409–10
De Cursu Solis, Medieval azimuthal sundials, by Mario Arnaldi, reviewed.........246–7
development in early Middle Ages........246–7
Enrique IV of Castile, 1462...............495
Juan II of Castile, 1453–4........495
polarising..............................................409
Sol Horometer........................................409
sundial, maker
Bate, of London..................................409
Call, Jan van, of Nijmegen...............38
Dancer, John Benjamin, of Manchester......409
Dollond, of London,............................409
Nisdeal, Daniel..................................409
Pilkington and Gibbs..........................409
Tompion, Thomas, of London...............409
sundial, place
Alderney...........................................409
Besaçon..............................................422
Clynnog-fawr, St Beuno’s church........527
Delft, town hall..................................38
Ewenny Priory, St Michael’s, church......528
Girona, Spain.......................................328
Greenwich, Royal Observatory..............487
Hampton Court Palace..........................409
Llanafan Fawr church, Breconshire.......529
Llangors, St Paulinus’s church..............527
Maes-yr-omen church, Radnorshire.......529
Maesmynys church, Builth....................529
Pencerrig, Radnorshire.........................529
St Ishmael’s, Carmarthenshire, church....528
sundial, sunrise/sunset dial, see under dial indications
Sutcliffe, Dennis.................................226–9, 234
Sutherland, Sir Gordon.......................229
Swinhurne, John, of Hexham, longcase clock, rotating ring with saints’ days........30
Swinden & Sons, of Birmingham, turret clock, Newlyn....................415
Swiss Society of London, rules, c. 1737....402
Sykes, Geoff
Potts of Leeds, note of exhibition...........469–70
tour report..........................415, 571
Symonds, R.W..................................100
Symphonion........................................569
symposium
Going Dutch, Haarlem, 3 December 2011, proceedings, reviewed.........400–1
The longcase clock and its case.
A symposium in memory of Michael Legg, reported..................30–1
correction..........................278
NAWCC
1993, Longitude...............................32
November 2013, Time for Everyone, announced...................32
Synchronome Clock Company, clock at Greenwich Observatory,........482–4
Synge, John Millington, playwright...............539–40

T

table clock........................................169
Madonna and Child, Augsburg, c. 1635........319
owned by Isabel, Queen of Castile..................497, 499, 501–2
table clock, by
Cole, Thomas, of London,
tripod table regulator, barometer and thermometer..................165
Evalo, Juan de, 1583.................................489
Leroux, John, of London,
balloon clock, hour repeat..........................446
Roll, Hans, of Augsburg?.........................566
Whitelaw, James, of Edinburgh,
rosewood, four-glass, hour repeat................157
table regulator, see regulator, table
Taft, Maurice, watch...............................566
Taylor, Dr John G................................176, 178
Chronophage No. 2..............................120
Taylor, John G., book review....................541–5
Taylor, John, of London
bracket clock, ebonised, pull-repeat........121
Taylor, Snowden..................................393
Taylor, Thomas, of London
bracket clock, ¾ repeat, turtleshell........150
tea, Mazawattee.................................131
telecope
Hindley, Henry, of York, equatorial mount..326
Planck, maps cosmic radiation..................258
temperature compensation, see balance,
compensation; pendulum, compensating
“Tempus”, time signal receiver................552
Terminuhr mit Wunderblock,
DDR presentation appointment clock..........140
thermometer
carriage clock..................................17
desk compendium, Thos. Cole no. 1512.........300
Romer, Ole........................................524
Thiele, Johann George, of Bremen, marine timekeepers.................107
thirty-hour clock
30-hour iron wall clock dated 1748,

by John A. Robey.................................240–5
unsigned, hoop and spike clock, c. 1725........13
time ball, continued,
Greenwich, Royal Observatory, continued,
operation interrupted 1944–51…………345–6
pneumatics……………………………480–2
present construction of…………………339–44
present control system…………………486–7
raising………………………………213
rebuild, 1914–19……………………338–9
reinstatement, 1952…………………346
release mechanism…………………211–14, 475–8
shown in painting, 1924…………………293, 323
The Time Ball at Greenwich,
lecture by Douglas Bateman,
advertised……………………………250
weight of……………………………479–80
winch and trigger…………………343–5
origins of……………………………198–203
Portsmouth……………………………199, 200–1
various locations, by Maudslay………204, 479
The time ball at Greenwich and the evolving
methods of control,
by Douglas A. Bateman
Part 1……………………………198–218
Part 2……………………………332–46
Part 3……………………………471–88
time, clock, see clock time
Time-consciousness in the Aran Isles,
by Alun C. Davies…………………………539–40
time distribution
electrical, proposed, Great Clock of
Westminster……………………………235–9
mains disturbance, electricity or gas………559
optical signalling, Ole Romer……………524
pneumatic, Pumping Time in Paris,
lecture by Dr Mustafa Dikec………………570–1
wireless……………………………552
MSF Rugby……………………………482–3
time, equation of, see equation of time;
see also under dial indications
Time for Everyone, 2013 NAWCC
symposium, information and publicity……176–8
time, local mean…………………………394
time zone (see also under dial indications)……395
timekeeper, marine (see also chronometer,
marine; Gould, Rupert T.)
Thiele, Johann George, of Bremen………107
Time at Sea – Chronometers and
their Creators: … ,
by Albrecht Sauer, reviewed………………396–7
timekeeping, The Quest for Accurate
Timekeeping, lecture by Nigel Platt…………266
timepiece
Atkins, Francis, of London, English dial……304
Black, John, of Newcastle-upon-Tyne………121
Grimaldi, of London, English dial………295
Hardy, Samuel, of London, English dial……450
Keene, Joseph, of London, English dial……315
Knibb, John, of Oxford,
bracelet, ¼ repeat and alarm………20, 162, 464
Pace, John, of Bury St Edmunds, night clock.66
Staples, George, of London, English dial……159
tourbillon, by, continued,

Frodsham, Charles, of London, no. 09780 / 2178..........................303
Tolstoi, Iwan, watch..................................................110
Tournier, Abbé..................................................259
tower clock, see turret clock
Towerson, John..................................................514
Tracy, Richard, lantern clock..........................306, 460
trade mark, Empire, trade name of Smiths.............268

train count
30-hour Alpine iron wall clock................................245
Porris, James, of Salisbury, Gothic clock 508–9
unusual 8-day striking movement..........................393
Weekherlin, Elias, of Augsburg, timepiece..............96

transit instrument
Eichens, F.W., decimal...........................................426
Romer, Ole. ..................................................519–20, 522

travelling case
Dent, of London, mahogany, for
giant carriage clock, no. 23783..........................151
Tompion, Thomas, and Edward Banger,
no. 460, “Barnard”..................................................453

Tompion, Thomas, and George Graham
bracket clock, no. 460, “Barnard”..........................453
Tompion, Thomas, and Edward Banger,
bracket clock, no. 537, ¼ repeat..........................305
Tompion, Thomas, and George Graham
bracket clock, no. 537, ¼ repeat..........................305
tools....................................................................542
depthing tool, clock..............................................563
number punches...................................................121
pivot straightening..............................................126
repoussé punches..................................................563
Rotheram & Sons, of Coventry, unknown.............121
sector, Pennington’s.............................................375–6
vernier gauge..........................................................377
wheel-cutting engine............................................563
tortoiseshell, source and use of.........................266
tortoiseshell veneered bracket clock
Rimbault, Stephen, of London, musical,
French-style case..................................................319
Taylor, Thomas, of London, ¼ repeat....................150
tour (see also visit to)
Cheshire, Midlands Section.................................410–11
Cornwall, Turret Clock Group.............................415
France, USA Section, 18–28 April 2013: 416–26

group photograph..................................................422
Germany, 2012......................................................117
The Netherlands, 9–16 September 2013: 560–4

group photograph..................................................564
West Sussex, Turret Clock Group.........................270–1
York
Northern Section.................................................566–7
Turret Clock Group................................................571
tour, reported by
Casson, Henry....................................................416–26
Connor, W. A.......................................................566–7
Hutchinson, Robin..............................................266–7, 410–11

tourbillon, by
Dent, of London, no. 32276,
minute repeat, perpetual calendar..........................463

Tombion, Thomas, of London

Tolstoi, Iwan, tourbillon watch..........................110

Tipling, William, of London, longcase clock,
bird and flower panel marquetry..............94

Title page, see book, title page

Tompion, Thomas, and George Graham

travelling case
Dent, of London, mahogany,
gilt mounts............................................................298
Quare, Daniel, of London, bracket clock,
miniature, strike, repeat.......................................148
Tompion, Thomas, and Edward Banger,
no. 460, “Barnard”..................................................453

Trevor, John, of Trefalun.........................................531
Trim, cat of Matthew Flinders.................................93

true bell top, bracket clock

Trippett, Robert, of London,
lantern clock..........................................................415
turret clock

Trower, of Penzance, turret clock,
Trewidden House..................................................415

turntable base, bracket clock..............................277
turret clock

Ancestral English Turret Clocks,
lecture by Keith Seobie-Youngs.....................408, 553
controlled by regulator.........................................77, 87
Spanish, earliest recorded.................................492

Turret clock forum at the BHI –
call for speakers,
letter from Chris McKay......................................574

The Turret Clock Keeper’s Handbook
(new revised edition), by Chris McKay,
reviewed.................................................................550

Wales, known locations before 1700.............530
<table>
<thead>
<tr>
<th>turret clock, maker</th>
<th>continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vérité, Auguste Lucien, of Beauvais</td>
<td>Besançon Cathedral</td>
</tr>
<tr>
<td>Vernon, John</td>
<td>29</td>
</tr>
<tr>
<td>Wagner, neveu, of Paris</td>
<td>424</td>
</tr>
<tr>
<td>Whitehurst, John, of Congleton, Minsull</td>
<td>410</td>
</tr>
<tr>
<td>Wills, Richard, of Truro, Veryan</td>
<td>415</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>turret clock, place</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acton, St Mary’s church</td>
<td>410</td>
</tr>
<tr>
<td>Amsterdam-Sloterdijk, St Peter’s church</td>
<td>39–40</td>
</tr>
<tr>
<td>Appleton Roebuck, Yorkshire, All Saints Church</td>
<td>571</td>
</tr>
<tr>
<td>Cardiff</td>
<td>530</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>turret clock, maker</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Anés, Pere, of Girona</td>
<td>Besençon Cathedral</td>
</tr>
<tr>
<td>Smith, Ben, of St Austell, Trewithen</td>
<td>Besençon Cathedral</td>
</tr>
<tr>
<td>Antel, Johann, of Bruenn (Brno)</td>
<td>Vernon, John</td>
</tr>
<tr>
<td>Balf, Josep, of Girona</td>
<td>Wagner, neveu, of Paris</td>
</tr>
<tr>
<td>Bennett, Sir John, of London, Billinghurst</td>
<td>Whitehurst, John, of Congleton, Minsull</td>
</tr>
<tr>
<td>Benson, James W., of London</td>
<td>Wills, Richard, of Truro, Veryan</td>
</tr>
<tr>
<td>Henfield, St Peter’s church</td>
<td>271</td>
</tr>
<tr>
<td>Wareham Water Tower, West Sussex</td>
<td>270</td>
</tr>
<tr>
<td>Bernardin, of Besançon</td>
<td>422</td>
</tr>
<tr>
<td>Besses, Emilio C., of Barcelona</td>
<td>328</td>
</tr>
<tr>
<td>Brouckman, Coenraet Harmenz, Delft</td>
<td>38</td>
</tr>
<tr>
<td>Butentrop, Iwan and Nikolai, of Moscow</td>
<td>110</td>
</tr>
<tr>
<td>Call, Jan van, of Nijmegen</td>
<td>33</td>
</tr>
<tr>
<td>Arnhem, St Eusebius’s church</td>
<td>35</td>
</tr>
<tr>
<td>Buren, St Lambert’s church</td>
<td>39–40</td>
</tr>
<tr>
<td>Grave, Brabant</td>
<td>33</td>
</tr>
<tr>
<td>Ophemert, St Martin’s church</td>
<td>35–7</td>
</tr>
<tr>
<td>Utrecht, St Jacob’s church</td>
<td>34–5</td>
</tr>
<tr>
<td>Call, Peter van</td>
<td>35</td>
</tr>
<tr>
<td>Clare, Peter, of Manchester, Acton</td>
<td>410</td>
</tr>
<tr>
<td>Cooke, of York</td>
<td>571</td>
</tr>
<tr>
<td>Cooke, T. &amp; B., of York</td>
<td>567</td>
</tr>
<tr>
<td>Cornish, C.H., of Plymouth, St Just in Roseland</td>
<td>415</td>
</tr>
<tr>
<td>Douw, Simon, of Rotterdam</td>
<td>38</td>
</tr>
<tr>
<td>English Clock Systems Ltd, synchronous</td>
<td>269</td>
</tr>
<tr>
<td>Gillett and Johnston, Ltd, of Croydon, Trengwishantown House</td>
<td>415</td>
</tr>
<tr>
<td>Harvey, R., of Liverpool</td>
<td>415</td>
</tr>
<tr>
<td>Hay, of London</td>
<td>271</td>
</tr>
<tr>
<td>Hindley, Henry, of York</td>
<td>567, 571</td>
</tr>
<tr>
<td>Janssen, R. and Son, of Utrecht</td>
<td>40</td>
</tr>
<tr>
<td>Joyce, J.B., of Whitchurch</td>
<td>410</td>
</tr>
<tr>
<td>Le Roy, Pierre, of Paris, Versailles</td>
<td>420</td>
</tr>
<tr>
<td>Leigh, William</td>
<td>411</td>
</tr>
<tr>
<td>Loseby, Edward Thomas, of London</td>
<td>87</td>
</tr>
<tr>
<td>Mannhard, of Munich</td>
<td>271</td>
</tr>
<tr>
<td>Moore, John and Sons, of Clerkenwell</td>
<td>271, 567, 571</td>
</tr>
<tr>
<td>Truro</td>
<td>415</td>
</tr>
<tr>
<td>Newey, Geoffrey R., of York</td>
<td>571</td>
</tr>
<tr>
<td>Newey, G.J.F., of York</td>
<td>567, 571</td>
</tr>
<tr>
<td>Newey, of York</td>
<td>571</td>
</tr>
<tr>
<td>Pafy, Anton, of Girona</td>
<td>328</td>
</tr>
<tr>
<td>Potts, W., of Leeds</td>
<td>571</td>
</tr>
<tr>
<td>exhibition</td>
<td>469–70</td>
</tr>
<tr>
<td>Prestbury</td>
<td>410–11</td>
</tr>
<tr>
<td>Ritchie, James &amp; Son, of Edinburgh</td>
<td>119</td>
</tr>
<tr>
<td>Rosas, Frederic, of Pamplona</td>
<td>328</td>
</tr>
<tr>
<td>Smith, John, and Sons, of Derby</td>
<td>415</td>
</tr>
<tr>
<td>Kenwyn</td>
<td>415</td>
</tr>
<tr>
<td>Macclesfield, Christ Church</td>
<td>411</td>
</tr>
<tr>
<td>Smith, Joseph, of Chester</td>
<td>112</td>
</tr>
<tr>
<td>South East Time Services</td>
<td>29</td>
</tr>
<tr>
<td>Stringer, Joseph</td>
<td>411</td>
</tr>
<tr>
<td>Swinden &amp; Sons, of Birmingham, Newlyn</td>
<td>415</td>
</tr>
<tr>
<td>Thornburg, of Sweden</td>
<td>271</td>
</tr>
<tr>
<td>Tompion, Thomas, of London, Brome Hall</td>
<td>166</td>
</tr>
<tr>
<td>Trounson, of Penzance, Trewidden House</td>
<td>415</td>
</tr>
</tbody>
</table>

VOLUME THIRTY-FOUR
Two clocks that changed the world.

Vulliamy, Benjamin Lewis, of London.............235
Vrard & Co., of Tientsin...............................262
Vaucanson, Jacques, automaton spinet player....260
Veale, Thomas, of Chew Magna, lantern clock, 1692......................165
Veitch, David, lecture report.....................119–20
Veldhoven, Leonard van, Comtoise Morbier, brief review.............550
Vérité, Auguste Lucien, of Beauvais turret clock, Besançon Cathedral.............422
Vernier, Pierre.............................................377
Vernon, John obituary, by Keith Scobie-Youngs.............28–9 portrait..................................................29
Vertumnum and Pomona, Georges Reymond, of Geneva, musical bird box and watch, Rochat Frères.................................................317
Vickery, Bruce, Calton Hill Observatory and Thomas Henderson, lecture.............264–5
Vieilliard, Jeanne.............................................493
Vincent, Clare.................................................366
da Vinci, Leonardo, striking system, Correction and Addenda, letter.............129
Viner, Charles Edward, of London...............266 visit, reported by
Campbell, Gregor.............................................408–9
Hutchinson, Robin.............................................121–2
Morris, Vernon.................................................123
Nye, James.....................................................127–8
visit to (see also tour) Anston Engine Museum......................411
Belmont, Kent.................................................123
Birmingham School of Horology......................121–2
The Clockworksm.........................127–9, 431
Coleham Pumping Station.............................267
Lucas Marijnissen’s workshop.....................408–9
Lyme Park, Cheshire.............................................411
Macelesfield, silk museum and Paradise Mill 411
Richard Higgins Conservation......................266
Vos, Anton, Rare features on a clock by Jacobus Nauta, Note.............102–3
Vrard & Co., of Tientsin.................................262
Vulliamy, Benjamin Lewis, of London.............235
mantel timepiece, no. 1133, rosewood.............455
Vulliamy, Justin, of London Justin Vulliamy and the Swiss Community, lecture by Roger Smith, advertised....402
watch, case with enamels by W.H. Craft.............361

U

Ullyett, Kenneth, English Clock Masterpieces, book.........................124
Ulrich, John Gottlieb compensation balance..................75 escapement, constant force.........................331 drawing of..................................................331 unidentified man, discussion at symposium on van Call........56, 57, 58 universe, evidence for Big Bang and expansion.258 university, Loughborough, educational clock....121

turret clock, place, continued,
Nether Alderley, St Mary’s church..............411 Newlyn, Cornwall.................................415

A

Antiquesthorology

universe, evidence for Big Bang and expansion.258

W

Antony

Utrecht, St Jacob’s church.........................34–5
Versailles
Great Palace..............................................420
Petit Trianon.................................................421

V

Vallin, Nicholas, of London.....................517–18
watch, oval form.............................................123
van Baak, Tom.............................................176
Vancouver, George......................................88
Vaucanson, Jacques, automaton spinet player....260
Veale, Thomas, of Chew Magna, lantern clock, 1692......................165
Veitch, David, lecture report.....................119–20
Veldhoven, Leonard van, Comtoise Morbier, brief review.............550
Vérité, Auguste Lucien, of Beauvais turret clock, Besançon Cathedral.............422
Vernier, Pierre.............................................377
Vernon, John obituary, by Keith Scobie-Youngs.............28–9 portrait..................................................29
Vertumnum and Pomona, Georges Reymond, of Geneva, musical bird box and watch, Rochat Frères.................................................317
Vickery, Bruce, Calton Hill Observatory and Thomas Henderson, lecture.............264–5
Vieilliard, Jeanne.............................................493
Vincent, Clare.................................................366
da Vinci, Leonardo, striking system, Correction and Addenda, letter.............129
Viner, Charles Edward, of London...............266 visit, reported by
Campbell, Gregor.............................................408–9
Hutchinson, Robin.............................................121–2
Morris, Vernon.................................................123
Nye, James.....................................................127–8
visit to (see also tour) Anston Engine Museum......................411
Belmont, Kent.................................................123
Birmingham School of Horology......................121–2
The Clockworksm.........................127–9, 431
Coleham Pumping Station.............................267
Lucas Marijnissen’s workshop.....................408–9
Lyme Park, Cheshire.............................................411
Macelesfield, silk museum and Paradise Mill 411
Richard Higgins Conservation......................266
Vos, Anton, Rare features on a clock by Jacobus Nauta, Note.............102–3
Vrard & Co., of Tientsin.................................262
Vulliamy, Benjamin Lewis, of London.............235
mantel timepiece, no. 1133, rosewood.............455
Vulliamy, Justin, of London Justin Vulliamy and the Swiss Community, lecture by Roger Smith, advertised....402
watch, case with enamels by W.H. Craft.............361
Warner, John, of Draycott (Worses)
lantern clock..................................................10, 160, 306, 460
Wastell, John....................................................122
watch (see also chronometer, pocket; deck watch;
watch, enamel-cased)
The Evolution of the Pocket Watch,
lecture by Philip Priestley..................................120–1
watch, belonging to, see watch, formerly property
of
watch, by (see also chronometer, pocket, by)
Barraud and Lunds, of London,
no. 3/4152, keyless........................................155
Bonniksen, Bahne, of Coventry,
no. 57006, karrusel.........................................249
Carpenter, William, of London, ease with
e enamels perhaps by W.H. Craft....................364
Cohen, M.M., of Sydney..................................566
Coster, Salomon, of The Hague,
large silver Puritan style.................................560
Delander, Daniel, of London.............................537
Dent, of London, no. 30542, double
chronograph...................................................447
Earnshaw, Thomas, of London
damaged by cat..............................................90
no. 1514.......................................................90
Field, Thomas, of Aylesbury, free-sprung....126
Frodsham, Charles, of London,
o. 09780 / 2178, tourbillon..............................303
Grignon & Son, of London, no. 1898,
case with enamels by W.H. Craft....................363–4
Kulibin, Iwan, of Novgorod,
musical automaton.........................................110
Lancashire Watch Company,
damascened plates........................................566
Leroux, John, of London, ease and
chatelaine with enamels by W.H. Craft........361–2
Leroy, Louis, of Paris, no.1,
24 complications............................................421–2
Pace, John, of Bury St Edmunds
no. 2, verge..................................................378–9
no. 409, verge................................................379
Pitt, Thyrar, of London, no. 1025, ease
with enamels perhaps by W.H. Craft............364
Samson..........................................................566
Savage, George, senior, of Montreal,
o. 2800.......................................................565
Street, James, of London,
paste-set painted enamel case......................359–60
Taft, Maurice..................................................566
Vallin, Nicholas, oval form.................................123
Vulliamy, Justin, of London,
case with enamels by W.H. Craft......................361
Williamson, Timothy, of London, no. 963....356
Willoughby, John, of London,
champlévé dial..............................................18
Windmills, Joseph, of London, no. 9327,
later enamel case by W.H. Craft..................362–3

Wagner, neveu, of Paris, turret clock.........424
Wales
early domestic clockmakers in...............535–6
poetry mentioning clocks and watches........531–2
public record and personal documents........532–3
Shaping the Day in Wales: Indications
of awareness of clock time in Wales
before 1800, by William Linnard..........526–38
transport and mail, reliance on time..........533–4
turret clocks, early........................................529–31
value of clock and other goods in c. 1700......536
wills, inventories and domestic accounts
mentioning clocks and watches pre 1700....536
Wales, Prince of (George IV)........535
Walford, Ray, portrait........................................
Wales
Wagner, neveu, of Paris, turret clock
Wales
watch case maker
  Gooch, Thomas, of London...........................................299
  Matthews, Martin.....................................................123, 173–4
  Nielsen, (Sophus) Emil...............................................447
  Walton, Joseph..........................................................155
  Wynn, William, of London, watch ................................566
watch case maker's mark
  EN (Emile Nielsen)....................................................447
  JW (Joseph Walton)....................................................155
  MRM (Martin Matthews).............................................174
  TG (Thomas Gooch, of Clerkenwell).............................299
  WW (William Wynn)....................................................566

watch, complicated
  Leroy, Louis, of Paris
    no.1, 24 complications...........................................421–2
watch, enamel-cased (painted enamel)........262, 560
  Carpenter, William, of London, 
    enamels perhaps by W.H. Craft.................................364
  Grignion & Son, of London, no. 1898, 
    case with enamels by W.H. Craft..............................363–4
  Pitt, Thyar, of London, no. 1025, 
    enamels perhaps by W.H. Craft.................................364
  Street, James, of London........................................539–60
  Vulliamy, Justin, of London, 
    enamel case by W.H. Craft......................................361
  Windmills, Joseph, of London
    no. 9327, later enamel case by Craft..........................362–3
watch, formerly property of 
  Napier, Sir James, FRS................................................361–2
  Royal Geographical Society, no. 28..............................143
watch key, see key, winding, watch
  watch, wooden,
    Bronnikow, of Wjatkas province................................110
  water clock, spurious..............................................112
  Waters, Lt Cdr D.W....................................................471
  Watkinson, Peter.....................................................475, 478–9, 481, 488
  Watson, James, engraver 
    The Four Seasons..................................................353, 354, 356
    Miss Williams......................................................354
  Watteau, Antoine, artist............................................353
  Wauchope, Captain Robert
    career.................................................................198–9
    portrait of..........................................................199
    proposals for time ball...........................................198–203
  Webbe, John, of Odstock, politician............................514–16
  memorial brass to....................................................515
  Webbe, John II, of Odstock.........................................516
  Webbe, Sir John, 1st baronet......................................516
  Webbe, William, mayor of Salisbury..............................514
  Webster, R., mercurial compensation balance................76
  Weckerlin, Elias, of Augsburg
    spring timepiece, c. 1680......................................95–9
    case.................................................................95–6
    dial and pendulum................................................95–7
  Wedgwood, Josiah.....................................................179, 180
  Wells, John, of Shipston-under-Stour.............................400
  Wempe, of Hamburg
    chronometer, marine
      no. 2975................................................................108
      production of.....................................................108–9
  Were, John, of Salisbury, 
    misreading for Webbe................................................503
  West Dean College...................................................325, 406, 414, 569
  new two-year diploma announced.................................32
  West, Thomas, of London, 
    bracket timepiece, alarm.........................................10
  Westminster, Great Clock 
    Big Ben and the Elizabeth Tower
      Official guide, reviewed.........................................401
    Big Ben as an electrical master clock, 
      by Chris McKay..................................................235–9
    Dent Picture of Big Ben, 
      letter from Peter Richardson..................130–1
      restoration in 1976–7..............................................29
  Wetherall, Judith, Water and oil gilding, 
    lecture.................................................................570
  Wheatstone, Sir Charles 
    electro-magnetic master clock.................................238–9
    proposed apparatus for electrical 
      signal from Great Clock........................................235, 236
    wheel-cutting engine...............................................563
  Wheeler, Thomas, of London
    lantern clock................................................................306, 460
  Whillis, Stewart, tour report, West Sussex...................270–1
  White, Ian.................................................................468
  Clocks and watches with enamels by 
    William Hopkins Craft
      Part 1......................................................................179–97
      Part 2......................................................................347–66
  Gustave Loup 1876–1961, lecture.................................262
  portrait.................................................................262–3
  Whitechapel Bell Foundry, 1970s BBC film of...........123
  Whitehurst, John III, of Derby, apparatus for 
    electrical signal, Great Clock, proposed.................236–8
  Whitehurst, John, of Congleton, 
    turret clock, Minsull...............................................410
  Whitelaw, James, of Edinburgh, table clock, 
    rosewood, four-glass, hour repeat...............................157
  Whitestone, Sebastian................................................400
  discussion at symposium on van Call. 55, 58, 59
  Further reading.....................................................136–7, 280, 429–30
  The van Call, a modern forgery................................42–51
  Wicks, Lambert, privateer............................................347
  Wieren, Iwan, of St Petersburg.................................110
  Wijnberg, Cees, Clock Construction, lecture 126–7
  will, of 
    Beavan, Francis, of Sully, Glamorgan........................537
    Maunxell, Sir Rice (Sir Rhys Mansell)......................534
    Perkins, Moore, of Sully, Glamorgan.......................536
    wills, Welsh
      absence of mention of clocks in early..............................532
      mentioning clocks and watches, pre 1700......................536
    Williams, Chris H.K............................................468, 538
    Williams, Henry, of Lancarvan, book on, 
      by Ed Cloutman and Bill Linnard, 
      announced..........................................................550
    Williamson, Timothy, of London 
      clock, with enamels perhaps by W.H. Craft...........364
      watch, no. 963.......................................................356
    Willoughby, John, of London, watch, 
      champévé dial......................................................18
Wills, Richard, of Truro, turret clock, Veryan........................415
Wilson, Mike..................................117, 266, 411, 559, 568
AHS Study Tour to the Netherlands, 9–16 September 2013, report...........560–4
wind, effect of on timekeeping by sun....................539
winding key, watch, see key, winding, watch
winding, rear, bracket clock
Ellicott, Edward, of London..........................427
Jones, William, of London, musical.............427
letter from Bren Calver............................277–8, 427
letter from Ted Parker.............................427
Simpson, G., of London.............................427
Windmills, Joseph, of London, watch,
no. 9327, later enamel case by W.H. Craft........362–3
Winter, John C., of Blackheath.......................335
Wise, John, of London
bracket timepiece, ebony, basket top............451
Wolfendale, Sir Arnold
portrait.................................................258
President’s Address....................................258
Wollaston, William Hyde................................75
Woloskow, Trenti, of Rschew, astronomical clock.................................110
Wood-Heath, David,
obituary of Martin Matthews..........................173–4
Wood, John, of Stroud,
longcase movement and dial,
month, world time, lunar, sunrise/set...........20
Wood, Robert, of London..............................61
Wood, Sarah................................................61
Woodward, Dr Clare
Bahne Bonnikesen and the Karrusel
Watch Revisited, lecture.....................558–9
advertised.................................................249
portrait of.................................................249
Woodward, Philip........................................72–3, 87
wool seal......................................................513
world time clock, see dial indications, world time
Worshipful Company of Clockmakers.................27
Worthington, David,
The Atmos Clock, lecture...............................265–6
Wrench family, of Chester.........................112
Wright, Ben,
discussion at symposium on van Call................57
Wright, Michael,
discussion at symposium on van Call................56
wrist-watch
Borgel cases for........................................274
Eleta..........................................................274
Rolex..........................................................274
Wyllie, W.L., artist
View of Greenwich, 1924..................293, 323, 333–4
Wynn, Sir John, of Gwydir.......................531, 532
Wynn, William, of London, watch case maker,
watch...........................................................566
Y
Yardley, M..................................................256
Yeats, Jack Butler, artist.................................539
York Clock Group.........................................571
Z
Zacharias, Professor Jerrold R. ........222, 224, 231
Zappler-Uhr,
Weckherlin, Elias, of Augsburg......................95–7
Zeeman, Jaap, Sollen met Salomon .... , reviewed.............................247–8
Zutphen, mediaeval quadrant found at........174–5
A note about the pagination

In the March issue, the editor had explained that the journal would no longer be published in volumes of six, but of four issues. After the journal was printed, he realised that instead of starting pagination at 1, as he should have done since it was the first issue in a new volume, he had numbered on from the previous issue, as if it was still going to be the fifth issue in the volume. To avoid even more confusion, it was decided to continue this inflated pagination in the remaining issues of this volume.
De Amissione Temporis: Loss of Time
by William Linnard ------------------------ 618

Barwise & Sons: watchmakers to the King.
A brief history of family and firm
by A.D. Stewart ----------------------------- 621

The House of Kullberg
by Alun C. Davies -------------------------- 635

From sun and water to weights: public
time devices from late Antiquity to the
mid-seventeenth century
by Anthony Turner -------------------------- 649

Friedberg – a centre of watch- and
clockmaking in seventeenth and
eighteenth century Bavaria – Part 1
by Alice Arnold-Becker --------------------- 663

The German Clock Museum in Furtwangen –
160 years of collecting
by Eduard C. Saluz--------------------------- 769

Friedberg – a centre of watch- and
clockmaking in seventeenth and
eighteenth century Bavaria – Part 2
by Alice Arnold-Becker--------------------- 783

From mechanical to electrical horology
by Françoise Collanges --------------------- 796

The horological world of François Arsène Margaine
by Thomas R. Wotruba ---------------------- 807

A Scottish clock dial for determining Easter
by John A. Robey ---------------------------- 827

Two automatic watch movements with
verge escapement but without fusee
by Joseph Flores ---------------------------- 913

Charles Clay: fashioning timely music
by Anthony Turner -------------------------- 929

Towards the ‘German chronometer’. The
introduction of precision timekeeping in the
German mercantile marine and
Imperial Navy in the nineteenth century
by Günther Oestmann------------------------ 949

Time balls at Greenwich and Adelaide –
a direct personal connection
by Douglas Bateman, Lesley Abell and
Roger Kinns ------------------------------- 964

A Flemish clock at the Shogun’s Shrine
by Johan ten Hoeve and David Thompson
------------------------------------------ 1063

Antoine Redier’s ingenious Comparateur Chronométrique for precise time
comparisons
by Phillip Arnott--------------------------- 1077

A study of English watch jewellery
by Ian Greaves ----------------------------- 1085

Box chronometers for India 1800–1936
by Simon C. Davidson ---------------------- 1107
## NOTES

<table>
<thead>
<tr>
<th>Twenty-five years Dingwall-Belope lectures by Peter de Clercq</th>
<th>The journal archive on-line by Martin Ridout</th>
</tr>
</thead>
<tbody>
<tr>
<td>767</td>
<td>906</td>
</tr>
<tr>
<td>Anatomy of a Cox musical clock by Ian White</td>
<td>The notebooks of John Tuck of Romsey by Peter de Clercq</td>
</tr>
<tr>
<td>834</td>
<td>973</td>
</tr>
</tbody>
</table>

## MUSEUM PROFILE

<table>
<thead>
<tr>
<th>Claphams National Clock Museum, New Zealand</th>
<th>Auckland War Memorial Museum, New Zealand</th>
</tr>
</thead>
<tbody>
<tr>
<td>838</td>
<td>1131</td>
</tr>
<tr>
<td>Willard House and Clock Museum, Grafton, MA, USA</td>
<td></td>
</tr>
<tr>
<td>984</td>
<td></td>
</tr>
</tbody>
</table>

## PICTURE GALLERY

<table>
<thead>
<tr>
<th>A Miniature Italian Lantern Clock</th>
<th>Folding fan with integrated watch</th>
</tr>
</thead>
<tbody>
<tr>
<td>1125</td>
<td>1130</td>
</tr>
</tbody>
</table>
INDEX TO VOLUME THIRTY-FIVE

Compiled by Andrew James

Page numbers in **bold** type denote an illustration

---

**A**

Abbott, of Wood Green, detent maker ..........642
Abdication of Helen of Troy ......................670–1
Abell, Lesley, Douglas Bateman, and Roger Kinns,
*Time balls at Greenwich and Adelaide*
– a direct personal connection .................964–72
Adams, George, of London, journeyman clock .705
Adams, Shaul .....................................................662
Adams, William, shipbuilder ........................1063–4
Addison, Ray, and Debbie Thomas,
*Langford Museum of Poxee*, lecture ..........1155
Adelaide
telegraphic links ...........................................965–6
*time ball, Semaphore* .........................967–71
Adelsberger, Udo, and Adolf Scheibe,
quartz clock .....................................................782
advertisement (historical)
Margéane, François Arsène, of Paris ...........820
AHS (Antiquarian Horology Society)
for meetings see AHS, main meeting
for details of sections see AHS, name of section
affiliation with Worshipful Company of
Clockmakers .............................................1060, 1151–2
AGM 2014, Greenwich
lectures reported ...........................................996–1000
minutes .............................................................995–6
Programme .....................................................692–3
AGM 2015, Greenwich, notice of .................1151
AHS News .........................................................697–709, 854–6, 994–1010, 1151–8
AHS prizes .........................................................697–8
AHS Study Tour 2014, Susan Knight .............697
Dr Alan Shenton Award
2013, Ray Essen .............................................697, 854
*Bits from the Blog* ...........................................698, 855–6, 1000–1
Calendar 2014 .................................................696, 853, 993
Calendar 2015 ...............................................1150
Chairman’s Report, 2014 ...............................994–5
Council members ...........................................996, 1151
Fellowship
awarded to Sir Arnold Wolfendale ..............854
Functionaries .....................................................1151
*Gift Memberships* ...........................................907
journal see Antiquarian Horology
Library News .....................................................1000
London Lecture Series 2015 .........................1152
Marcoyn and Cowsill Funds .........................995
Masterworks Fund .............................................995
Membership Committee ..................................995
Percy Dawson Medal,
2013, Víctor Pérez Álvarez ..........................697, 854
---

**AHS, continued,**
President
*The new President* ...........................................854–5
*From the President* ...........................................1060
*The retiring President* .................................854
programme
Spring 2014 .....................................................694–5
Summer 2014 .................................................851–2
Autumn 2014 ...................................................991–2
Winter 2015 ......................................................1148–9
publications ...................................................994
recruitment secretary, David Brown ..697, 856
*From the Secretary* ........................................1001
Secretary’s Notes ............................................1151
Shenton (Dr Alan) Award
2013, Ray Essen .............................................697, 854
website .............................................................994
*Website News* .................................................855

**AHS, Dutch Section**
21 September 2013, AGM and
*Bring and Discuss* .........................................708–9
13 October 2013, visit to MNU, and
*Leuvis Mumford revisited*,
lecture by Teun Koetsier ...............................709
27 December 2013, refreshments, and
*My first clock* ..................................................709
12 January 2014, lecture by Kees
Grimbergen ......................................................1007
9 February 2014, *Hubert Sarton of Liège*,
lecture by Michael van Gompen ........................1007, 1008
15 March 2014, *Belfries in Flanders*,
lecture by Eddy Fraiture .................................1007
13 April 2014, *Bring and Discuss* ...............1007, 1009
10 May 2014, *Salomon Coster*, lecture by
Rob Memel and Victor Kersing .................1009

**AHS, East Anglian Section**
16 November 2013, AGM, and
*Bring and Discuss* .........................................704
lecture by Ian Coote ........................................705–6
lecture by Mike Cowham ...............................704–5
15 March 2014, *Trinity College Clock and
much more*, lecture by Dr Hugh Hunt ..........860–1
24 May 2014, *Orerries*, lecture by Peter
Grimwood ......................................................1004
Clockmaking 1650 to 1750*,
lecture by Mike Cowham ...............................1004–5
20 September 2014, *Langford Museum
of Poxer*, Debbie Thomas and
Ray Addison ....................................................1155

---

1181
AHS, Electrical Horology Group
23 November 2013, Alexander Bain,
lecture by Ian Shinnie..........................709
8 March 2014, Stanley J. Wise,
lecture by Geoff Horner.........................863–4
7 June 2014, Bring and Discuss.............1009–10
27 September 2014, The Race to Develop a
Quartz Watch, lecture by David Read......1157–8
AHS, main meeting lecture (see also AHS: AGM)
21 November 2013, Justin Valliamy and the
Swiss Community ..., Roger Smith.....699–700
16 January 2014, Observatory Time
by Radio, David Read.........................856–8
20 March 2014, The Turret Clocks of
Salisbury, Wells and Rye,
Keith Scobie-Youngs.........................858–9
17 July 2014, The faking of English
watches, David Penney.......................1153–4
advised...............................................849
18 September 2014, The Speaking Clock
in the History of Public Relations,
David Rooney.................................1154–5
advised...............................................850
20 November 2014, Learning from the
Artefact: The Marine Chronometers at
Greenwich, Jonathan Betts, advertised......990
22 January 2015, ‘Almost at a Single Glance’ –
Visualisation of Historic Time in the
Eighteenth Century, Stephen Boyd Davis,
advised...............................................1147
AHS, Midlands Section
6 November 2013, Restoration of a Marquetry
Longcase Clock, lecture by Chris Ayres....701
7 December 2013, AGM, and
Bring and Discuss..............................702
5 February 2014, A Clock by Daniel
Delander, lecture by Elliott Nixon.........703–4
5 March 2014, Editing ‘Antiquarian
Horology’, lecture by Peter de Clercq......859
5 April 2014, visit to Fellows Auctioneers
and Avery Historical Museum...........859–60
7 May 2014, Selling Time,
lecture by David Rooney....................860
4 June 2014, Captain Cook, Venus,
and a Great Discovery,
lecture by Philip Priestley.................1002
20–22 June 2014, Tour of turret clocks,
Notts and Leics.................................1002–4
AHS, Scottish Section
28 September 2013, The Ancient Sundials
of Scotland, lecture by Dennis Cowan....700–1
30 November 2013, Enamelling,
lecture by Dorothy Cockrell...............701
21 June 2014, Visit to Trinity House,
Leith..................................................1001–2
AHS, South Eastern Section
7 December 2013, Researching Lecce
Clockmakers, Marion Smith...............706–7
5 April 2014, The Invention and Early History
of the Wristwatch, Richard Edwards.....861
AHS, South Eastern Section, continued,
12 April 2014, Turret clock tour – Kent....861–2
7 June 2014, Hand Engraving,
lecture by Chris Rowley.....................1005–6
5 October 2014, AGM, and
The Tower Clocks of Herne Bay and
Margate, lecture by Mike Bundock......1155–6
AHS, Southern Section
25 October 2013, AGM, and Early Lantern
Clocks, lecture by Alfred Thomas........707–8
7 December 2013, Lunch, quiz, and
Bring and Discuss..............................708
12 February 2014, The Life and Collection
of Gustave Loup, lecture by Ian White.......862
3 May 2014, West Dean Students: and
Buying clocks at auction,
lecture by Leighton Gillibrand............1006–7
20 September 2014, The George Pyke
Organ Clock: Club event – skills:
Bring and Buy....................................1156–7
25 October 2014, The Verge Escapement
in English Clocks,
lecture by Roger Still.........................1157
AHS, Turret Clock Group
29 March 2014, visit to ‘Big Brum’;
and lectures: Joyce of Whitchurch,
by Steve and Darlah Thomas;
Recent Projects, by Keith Scobie-Youngs...864
27–28 June 2014, Tour of Leeds area....1010
10–11 October 2014, Tour of
Bury St Edmunds area, and AGM...1158
Aineas the Tactician, Poliorcetica.........652
Airy, Sir George Biddell........................964–5
alarm clock
A miniature Italian Lantern Clock,
John A. Robey...................................1125–9
table clock, Brussels, c. 1580.............1076
three and six minute setting...............1009
wall clock, hooded, single hand, unsigned.1048
water clock, Ripoll monastery...........656, 657
alarm clock, by
Ames, Richard, of London, lantern clock...1135
Breguet et fils, of Paris, no. 4222,
carriage clock, ¼ repeat.......................1049
Cuff, James, of London, bracket timepiece..754
Delander, Daniel, of London
grande sonnerie, silver mounted.........1052
large sonnerie, walnut.......................1038
Etherington, George, of London,
bracket clock, ¼ repeat.......................760
Fürstenfelder, Benedikt, of Friedberg,
table clock........................................784
Jacot, Henri, no. 10272, carriage clock....747
Janvier, of Verdun, no. 117, ‘Capucine’....749
Margaine, François Arsène, of Paris,
carriage clock, no. 4415.....................813
Richard & Cie, carriage clock, gerge,
petite sonnerie, ¼ repeat....................740
Robert & Courvoisier, travelling clock,
strike, ¼ repeat...............................749
alarm watch, by
Fürstenfelder, Benedikt, of Aichach, coach watch, ¼ striking..................783–4
Hubert, Pascal, of Rouen, enamelled case, 1134
Spiegel, Joseph, of Friedberg, coach watch.........................789, 790
Albrecht V, Duke of Bavaria..................................................665
portrait of..........................................................664
Allix, Charles..........................................................636, 1106
Catalogue XVI (Torrens collection)..............................647
van Allyn or Allejin, of Connecticut and New Amsterdam (New York)......846, 1145
Altimeter, wrist, Becker...................................................998
Álvarez, Victor Pérez

Percy Dawson Medal, 2013........................................697, 854
portrait..........................................................854
A Spanish clock dial, letter........................................1015
America, Clockmakers and Watchmakers of America by Name and Place, reviewed...1145–6
Ames, Richard, of London

Lantern clock, alarm..............................1135
Amigoni, Jacopo, artist........................................929, 948
Amman, Jost, Book of Trades, 1568..............................1092
Amory, Edward, of London, silversmith.................................929
Anaphoric clock..........................................................653

Anatomy of a Cox musical clock, Note,
Ian White..........................................................834–7

The Ancient Sundials of Scotland, lecture by Dennis Cowan..........................700–1
Andrewes, William J.H...................................................615
portrait..........................................................616
Andrews, Neil..........................................................1157
Angelsey Abbey, pagoda clock.................................862–3
Antiquarian Horological Society, see AHS
Antiquarian Horology..........................................................994
change of volume size...................................................614
digitisation..........................................................855, 906–7
Editing ‘Antiquarian Horology’, lecture by Peter de Clercq........................859
The journal archive on-line, Martin Ridout........................................906–7
pagination of Volume Thirty-Five........................................762
Referees, Peter de Clercq................................................1152
Roman or Arabic2, letter, Peter de Clercq ................................1160

Antnam, Joseph

Bracket clock, complex calendar................................703
apparent time (see also dial, equation of time; dial, solar time; equation of time)
Berthoud, Ferdinand, regulator, year going........................775
conflict with mean time..................................................776
Scafe, William, of London

longcase clock keeping..................................................775
Arago, François, astronomer........................................1077
Archer, John Wykeham, artist

Skelton’s shop..........................................................589, 630
Archer, Malcolm..........................................................617, 1156
Archimedes, water clock................................................653, 654
archive
Antiquarian Horology, archive on-line................................906–7
International Watch Company (IWC)......................................844
Kullberg..........................................................635, 637–48

archive, continued,
Mereer, Thomas, Ltd, of St Albans..........................1116
Armitage, Geoffrey...................................................1004
Arnfield, Jim, book review..................................................845–6
Arnold and Dent, of London

carriage timepiece, large........................................1052
chronometer, box, India list, no. 1298..............................1121
Arnold and Lewis, of Manchester........................................866
Arnold-Becker, Alice

Friedberg – a centre of search and clock-making in seventeenth
and eighteenth century Bavaria
Part 1..................................................................663–82
Part 2..................................................................783–95
Arnold, John, of London

Bracket clock, dead-beat escapement,
jewelled pallets..........................................................1039
chronometer, nos. 7, 274, 293 8-day, 316..........................1117
chronometer, marine, no. 16...........................................779
Arnott, Phillip............................................................1111, 1116
Antoine Redier’s ingenious Comparateur
Chronométrique for precise time comparisons..........................1077–84
Art Loss Register..........................................................720
Arthur, James.............................................................615
artist
Archer, John Wykeham,

Skelton’s premises......................................................589
Happacher, Leonhard,

Friedberg from the South................................................682
Ross, Joshua.............................................................938
Asplin, Fred, of Coventry..............................................1106
portrait..............................................................1106
Asprey, of London, chronometer, no. 1978..........................1123
Association for Chronometry...............................................
see Vereinigung für Chronometrie
astrolabic clock (see also astronomical clock)
book on astrolabes on clock dials,
by Oestmann, reviewed.............................................989
Bürgi, Jost, with armillary sphere.....................................842
Astronomer Royal
5th, Nevil Maskelyne, observing suit....................................764
stop watch..............................................................762
7th, Sir George Biddell Airy.............................................964–5
astronomical clock, book on astrolabes on clock dials, by Oestmann, reviewed........989
astronomical clock, by
Hahn, Philipp Matthäus, of Echterdingen, double globe..........................774
Mayr, Johann Georg, of Munich, table night projection clock..........................605
Pinchbeck, Christopher, sen., of London, 937–8
Rinderle, Thaddäus, of St Peter.........................................771, 774
Atfield, James, of Brentford

Bracket clock, ebony, ¼ repeating.......................................741
Atkins, of London, see Brockbank & Atkins
Atkinson, David..........................................................1076
Atmos clock, Reuters....................................................1054
Atwood machine..........................................................705
Auch, Jacob, of Seeberg and Weimar...........................951
auction, Buying clocks at auction, lecture by Leighton Gillibrand....................1006–7
auctioneers, Fellows, of Birmingham..........................859
Audemars, Paul, The Story of Louis Audemars & Cie ..., advertised...............894
Augsburg
comparison with Friedberg in 18th century......................677–8
influence on Friedberg........................................665
automaton
Breguet, no. 4887, movement by Bontems, cigarette box, singing bird........609
Japanese, Karákuri Zui, book, reviewed...............683
karákuri-ningyo........................................1062
[Kintzing, Pierre?], The spinet player....................799
Robert-Houdin, Jean-Eugene
The Singing Lesson........................................799
The Writer........................................797
Vaucanson, Jacques, duck................................799
automaton clock
Archimedes, water clock........................................653–4
Chinese market, musical tower clock......................755
pagoda clock..............................................862–3
automaton clock, by Bontems, of Paris....................840
Deacon [attrib], longcase, musical.........................875
Kreitzer, Conrad, or Hans Christoph, of Augsburg, table clock.............1053
Noll, August, of Villingen................................778
Pyke, George, of London..................................863
automaton watch
Happacher, Philipp, of Friedberg, St Hubertus......................791–3
Whitbread, John, of Ampthill, no. 175................898
Avery, W & T, of Birmingham, museum..................859–60
Ayres, Chris, Restoration of a Marquetry Longcase Clock, lecture..........701
Azzopardi, Spiridon........................................620

B
Bagley, Thomas, of London, lantern clock.....................758
Bailey, Chris, portrait........................................616
Baillie, Granville Hugh.......................................995
Baillon, Estienne, of Paris....................................1160
table clock................................................867
Bain, Alexander........................................801, 995
Alexander Bain, lecture by Ian Shinnie..................709
partnership with Barwise..................................627
patent, with Barwise, no. 8783.........................627–8
pendulum clock.............................................780
Baird, see Kelvin, Bottomley, & Baird
Baker, chronometer, box, no. 1047.........................1117
balance, compensation
errors (middle temperature), causes of................958–9
Guillaume, nickel steel.....................................960
set of for teaching..........................................960
balance, compensation, by Dent, of London, ‘staple’,
chronometer, marine, no. 29735..........................591
balance, compensation, by, continued
Ehrlich, Johann L......................................960
Garrard, F.J., of Louth.....................................960
Kittel, Adolph August, of Altona.........................960
auxiliary correction........................................957–8
Kullberg, Victor, of London
first auxiliary.........................................960
second auxiliary........................................960
Poole, John, of London.................................960
Uhrg, Johann Ernst Adolph, of London..............960
Vissière, Simon, of Le Havre..............................960
auxiliary correction........................................958
balance, foliot............................................1069, 1070, 1071
balance spring, palladium..................................959
Banger, Edward, see Tompion, Thomas, and Edward Bang
banjo clock, Willard, Simon, of Roxbury..................985
bankruptcy
Barwise, John, of London, junior.........................628
Cavé, Douglas Guillaume................................631
Lattey & Co., of London................................634
London & Eastern Banking Corporation...............629
Rochat, Jules, of London.................................628, 631
Banks, Joseph, of Nottingham
watch, differential dial.......................................672–3
Barber, Jonas, of Winster
longcase clock, no. 521, 30-hour, oak................738
Barber, Tony...............................................1106
Barentsz expedition, 1595.................................706
Barlow, William, of King’s Lynn
lantern clock.................................................600, 758, 892, 1048
Barnes, Nigel, and Austin Jordan,
Maintaining Longcase Clocks:
An Owner’s Guide ..., book, reviewed..................690–1
Barnum, Phineas T...........................................797
barograph.....................................................705
barometer
drum travelling clock, concentric hands..................702
observation balloon
watch/barometer/altimeter................................693
barometer, by Ortelli, J..................................976, 980–1
Potts, of London, mahogany bow front.................1050
Barr, Mrs Wendy............................................994
From the Secretary........................................1001
Secretary’s Notes..........................................1151
Barraud and Lund, of London
watch, no. 3/2253, stolen................................720
Barraud, of London
bracket clock, no. 1195, rosewood....................596
chronometer, box, India list, nos. 78, 579 8-day, 814, 978, 987........1117
barrel
benefits of over pulley.....................................716
double, in series..........................................915–17, 919–20
fixed to plate...............................................704
Barrow, Henry, of Maidstone
lantern clock, arch dial..................................1135
Barrow, Mr., instrument maker............................1113
Barrow-on-Humber, John Harrison Appeal...........617
Barwise, family tree..........................................622
Barwise & Sons, of London..............589, 621–34, 627
Barwise & Sons: watchmakers to the King.
A brief history of family and firm, 
by A.D. Stewart.........................589, 621–34
Barwise pocket watches,
letter from Allan C. Purcell........714, 715
graph of serial numbers..............632
turret clock, Sebastopol.............631
watch
nos. 739, 4181, 4486, 5518, 5617,
7746, 7848, 8003, 8697, 9472.........714
no. 10/241.................................714, 715
no. 12/676 (1865).........................634
Barwise, Eliza.........................624, 625
Barwise, Frances (Fanny)...........624
Barwise, Jackson......................624, 625–6
Barwise, John Adolphus, of London, stationer. 625
Barwise, John, of London, senior.....613
chronometer, marine, nos. 4307, 4137.....634
chronometer, pocket
nos. 4249, 5154, 8280..................632–3
no. 5445.....................................632, 633
supplied by other makers.............632
death and will..........................624, 627
life and family..........................621–4
premises.................................626
robbed by highwaymen..................623
watch
no. 37........................................631, 632
no. 739, vergé, enamel..................632, 633
watch-paper............................627
Barwise, John, of London, junior.....624–5, 627–9
bankruptcy.............................628
chronometer, pocket, no. 9763........633
house of................................625
partnership
with Alexander Bain...................627–8
with Pierre Frédéric Ingold...........627, 628
patent, with Bain, no. 8783...........627–8
Barwise, John Weston.................624
Barwise, Lot, of Cockermouth.........621, 623
Barwise, Weston (junior), soldier...624
Barwise, Weston, of London.........624, 627, 632
Barwise, William Whitehurst, stationer. 625
basket top case bracket clock, by
Clowes, John, of London...............753
Cuff, James, of London, timepiece, alarm...754
Merriman, Benjamin, of London, 
ebony, ¼ repeating......................590
Bateman, Douglas A.
Further reading
...............721–2, 724, 867–8, 1016–17, 1160–2
Greenwich time ball, letter...........1014
Bateman, Douglas A., Lesley Abell, and Roger
Kinns, Time balls at Greenwich and
Adelaide – a direct personal connection. 964–72
Bateson, Henry.........................645
Bath, Bertrand’s Toyshop in Bath, Luxury
retailing 1685–1765, book, reviewed........1146
bathroom, early types used for time ball.....965
battle of, Quebec, 1759................1035
Baudin, Pendule au Cercle Tournant........777
Baumann, Barbara, of Friedberg..........679
portrait......................................679, 681
Baumann, Sebastian, of Friedberg.......679
coach watch..............................679, 682
portrait......................................679, 680
Baumer, Charles..........................624, 625
Baumer, Eliza, wife of John Barwise jun...624, 625
Baumer, Frances (Fanny), wife of W. Barwise..624
Baumgartner, Melchior, of Augsburg........947
Bayliss, Trevor............................1132
Becker, wrist altimeter....................998
Becker, Prof. Dr Rainald..................795
Bell, Hans....................................795
belfries, history of in Flanders...........1007
Bell, Alice Gillam..........................965
Bell, of London, travelling clock, rosewood...1041
Belton House, Lines, Delander longcase....703–4
Belville, Ruth...............................860
Bennett, John, of London................934
Benson, James W., of London, turret clock
East Peckham, Kent, Holy Trinity.........862
Bentley, Richard............................860–1
Beringer, Anna, of Friedberg.............679
Berthou, Edward Lyon, Vicar of Romsey.....975
Berthoud, Ferdinand, of Paris...........959
Essai sur l’Horlogerie......................775
regulator, year duration..................775
Bertolli, Mrs, of Coventry, portrait......1105
Bertrand, Paul, of Bath, toyman,
Bertrand’s Toyshop in Bath, Luxury
retailing 1685–1765, book, reviewed........1146
Bets, Jonathan.........................718, 859, 996, 1116, 1155
Learning from the Artefact: The Marine
Chronometers at Greenwich, lecture, 
advertised..............................990
portrait......................................616, 765, 990, 1060
Billiard, Lewis, of Rye....................858, 859
Billoret-Moras, of Paris..................804
Birchall, chronometer, box, India list
no. 1090.....................................1120
no. 1243.....................................1119
Bird, Derek.................................1009
Birmingham, City University............697–8
Bits from the Blog, Martin Ridout........698, 855–6
Black & Murray, of Calcutta............1114
chronometer, box, India list
no. 601.......................................1121
no. 612.......................................1123
nos. 613, 616...............................1119
Black Forest clocks
Abbey of St Peter, wooden, calendar...733, 774
collected at Furtwangen..................769
cuckoo clock, ‘Hunting piece’................777
factory production.......................778, 779
French market, P.H. 1842..................777
market-specific differences.............777
quartz clock production..................779–80
vending and distribution..............776, 777
Blackmore, R.D.
Barwise of London featured in story by......621
Blake, John, of Fulham, bracket clock.................897
Blatchford, Ian........................................1061
Bloemendal and Zoon, of Zwolle, longcase clock.............................1007
blue plaque unveiled, to
Daniels, George
on the Isle of Man.....................................765
in South London.......................................766
Kendall, Larcum, of London..........................765
Boisch, Jan van, of New Amsterdam................1145
Bolt, George, of New Zealand........................1133
Bolton, T..................................................1113
Bolt, George, of New Zealand........................1133
Bonniksen, Bahne, of Coventry.........................995
Bonnert, Peter............................................862
Bonniksen, Bahne, of Coventry.........................995
Bonnin, Jérôme..........................................662
Bontems, of Paris
automaton bird clock................................840
singing bird box, Breguet, no. 4887..................609
book
(see also book, title page)
Amman, Jost, Book of Trades, 1568..................1092
Carte, John, John Carte on Horology and Cosmology, advertised.............................1174
Dunn, Richard, and Rebekah Higgitt,
Finding Longitude: How clocks and stars helped solve the longitude problem........764
Evans, Jeremy, Jonathan Carter and Ben
Wright, Thomas Tompion 300 Years,
advertised..................................................601
Landes, David, Revolution in Time:.............908–9
book review........................................841–8, 987–9, 1137–46
(see also books received)
Brett, Vanessa, Bertrand’s Toyshop in Bath,
Luxury retailing 1685–1765.............................1146
Darnell, Poul, and Frank Nielsen, Ole Roemer’s ecliptic and planetarium.....................988–9
Dunn, Richard, and Rebekah Higgitt,
Finding Longitude: How clocks and stars helped solve the longitude problem........1143–4
Ermert, Jürgen, Präzisionspendeluhrn in Deutschland von 1730–1940 – Band 3.687–9
Evans, Jeremy, Jonathan Carter and Ben
Wright, Thomas Tompion 300 Years.............1137–41
Fennimore, Donald L., and Frank L.
Hohmann III, Stretch – America’s First Family of Clockmakers.........................846–8
Georgeon, François, and Frédéric Hitzel
(eds), Les Ottomans et le temps.....................684–5
Kazuo, Murakami, Japanese Automata – Karakuri Zat:........................................683
Lindsay, Robert L., Clackmannanshire’s Clockmakers and Public Clocks............................689–90
Nye, James, A Long Time in Making.............1141–3
Oestmann, Günther, Geschichte, Konstruktion und Anwendung des Astrolabiums bei Zifferblättern astronomischer Uhren........................................989
Seyffer, David, Die Unternehmensgeschichte von IWC Schaffhausen -.........................843–4
book review, continued,
Spittler, Sonya L., Thomas J. Spittler, and Chris H. Bailey, Clockmakers and Watchmakers of America by Name and Place..................................1145–6
Staudacher, Fritz, Jost Bürgi, Kepler und der Kaiser ........................................841–3
Thomas, Steve, and Darlah, Joyce of Whitchurch, Clockmakers, 1690–1965.....................685–7
Turner, Anthony, John Carte on Horology and Cosmology................................1144–5
Veldhoven, Leonard van,
Mayet Morbier Comtoise............................987–8
book, title page
The Book of Common Prayer, 1727..................830
books received for review, listed......................989
Boomsma, Jan, collection.............................709
Booth, Edward (alias Barlow).........................943
Bottomley, see Kelvin, Bottomley, & Baird
Boule marquetry case,
Clavier, Daniel, of Paris, pendule religieuse........740
Bowell, G.B., continuous motion clock.............686
box chronometer (list of, see chronometer, box)
Box chronrometers for India 1800–1936,
Simon Davidson........................................1107–24
Box, Edward, of Chichester............................708
Braaamcamp, Gerrit.................................939–40
bracket clock (see also mantel clock; pendulum clock, early development of; table clock)
bracket clock, by
Arnold, John, of London, dead-beat
escapement, jewelled pallets...............1039
Atfield, James, of Brentford,
ebony, ¼ repeating.................................741
Barraud, of London, no. 1195, rosewood......596
Blake, John, of Fulham, mahogany............897
Clowes, John, of London.........................753
Coultin, William, of York.........................704
Crockford, Matthew, of London (attrib.),
St Basilisa and St Anastasia.......................1030
Cuff, James, of London, timepiece, alarm......754
Delander, Daniel, of London,
grande sonnerie, silver mounted.............1052
Desbous & Wheeler, of London,
ebonised, ¼ chiming.................................752
Du Chesne, Claudius, of London,
walnut, ¼ striking, grande sonnerie.............740
Dutton, Matthew, of London,
no. 305, ¼ striking.......................................1058
Ebsworth, John, of London,
ebony, turntable base.............................597
Etherington, George, of London,
¼ repeat, alarm........................................760
Fromanteel, John, of London,
ebony, Dutch striking.............................1057
Fuller, [William?], of London,
¼ repeat, ebony........................................747, 897
Gregg, Francis, of London,
ebony, timepiece, ¼ repeat..........................599
bracket clock, by, continued,
Gretton, Charles, of London..............................1052
Jones, Henry, of London, architectural case............1048
Knibb, John, of Oxford, ebony, ¼ repeat........1031
Knibb, Joseph, of London
   ebony, ¼ repeating..................................848–5, 1037
   Olivewood, skeleton chapter ring........612
   Roman striking, silver mounts, velvet dial........736–7
Merriman, Benjamin, of London,
   ebony, ¼ repeating, basket top..................590
Pace, John, of Bury St Edmunds, silent verge........1133
Pace, Thomas, of London, senior, mahogany........1040
Perham, Gavin, replica of Tompion no. 222........879
Quare, Daniel, and Stephen Horseman, no. 176, ¼ repeat.1176
Quare, Daniel, of London, no. 93, miniature, ¼ repeat......1176
Street, Richard, of London, ebony, ¼ repeat........882
Tompion, Thomas, of London
   ebony, striking..................................744
   No. 155................................................1005
   No. 171, ¼ repeat..................................869
   No. 222, miniature................................879
Tyler, John, of London, ebony........................886
Windmills, Joseph, of London, ebonised, ¼ repeating...743
Wontner, John, of London, no. 192......................886
Worthington, Daniel, of London,
   mahogany, true bell top...........................596
   Bracket, wall........................................752
Bragg, W.H. and W.L., physicists......................972
Bram, Willem, of Zwolle................................1007
Brochbanks, of London, cigarette box, no. 4887, movement by Bontems...609
Buckett, Atkin, and Atkins, of London
   Bureau with musical clock......................1031
Buckinghamshire makers
   Letter (research request) from Tim Marshall......714–15
Buckwell, Edward, of Brighton
   Wall clock, English dial..........................602
   Bureau with musical clock
   Gail, Matthias, of Friedberg....................673–4
Burgess, Martin
   ‘Clock B’.............................................763
   Gurney clock........................................763
   Portrait................................................763
Bürigi, Jost
   Astrolabe clock with armillary sphere..............842
   Books on, surveyed................................841
   Globes, mechanical celestial........................842
   Instruments, astronomical and mathematical work....842–3
   Jost Bürgi, Kepler und der Kaiser ..., by Fritz Staudacher, reviewed........841–3
   Table clock
   Rock crystal.........................................842, 843
   ‘Solar and Lunar Anomalies’........................842
   Timekeepers, surviving.............................841–2
Burgess, Martin
   Portrait................................................763
Burt, Paul..................................................673
Buxton, David, Painted Dial Restoration, demonstration...1156

C

Cain, Ethel................................................1154–5
   Portrait..............................................850
Calcutta (see also observatory), Mathematical Office......1109–10, 1113, 1114
   Calendar, Gregorian reform.........................829–30
   Calendar dial, see calendar indication;
   Dial, day of month, dial, day of week
   Calendar indication
   Fürstenfelder, Benedikt, of Friedberg
   Complex table clock................................784–6
   Vologne, of Paris, mantel clock................1034
   Wooden clock from Abbey of St Peter............733, 774
   Calendar indication, bracket clock, by
   Atfield, James, of Brentford, ebony, ¼ repeating........741
   Blake, John, of Fulham, mahogany...............897
   Cloews, John, of London.........................753
   Crocker, Matthew, of London (attrib.)........1030
   Delander, Daniel, of London,
   Grande sonnerie, silver mounted.................1052
calendar indication, bracket clock, by, continued, Du Chesne, Claudius, of London, walnut, ¼ striking, grande sonnerie. 740
Ebsworth, John, of London, ebony, turntable base. 597
Etherington, George, of London, ¼ repeat, alarm. 760
Fromanteel, John, of London, ebony, Dutch striking. 1057
Fuller, [William?], of London, ¼ repeat, ebony. 747, 897
Gregg, Francis, of London, ebony, timepiece, ¼ repeat. 599
Gretton, Charles, of London. 1052
Knibb, Joseph, of London, olivewood, skeleton chapter ring. 612
Roman striking, silver mounts, velvet dial. 736–7
Mayr, Johann Georg, of Munich. 605
Merriman, Benjamin, of London, ebony, ¼ repeating, basket top. 590
Pace, Thomas, of London, senior. 1040
Quare, Daniel, and Stephen Horsemans, no. 176, ¼ repeat. 1176
Quare, Daniel, of London, no. 93, miniature, ¼ repeat. 1176
Street, Richard, of London, ebony, ¼ repeat. 882
Tompion, Thomas, of London, ebony, striking. 744
Tyler, John, of London, ebony. 886
Windmills, Joseph, of London, ebonised, ¼ repeating. 743
Wontner, John, of London, no. 192. 886
Worthington, Daniel, of London, verge, mahogany, true bell top. 596
calendar indication, centre date, Gail, Matthias, of Friedberg, plate clock. 673–4, 676–7
calendar indication, day, date and month
Margaine, of Paris, carriage clock, no. 4415. 813
Sarton, Hubert, of Liège, table clock. 1008
Thouverez, of Paris?, skeleton timepiece. 901
calendar indication, day, date, month and year
Noll, August, of Villingen. 778
calendar indication, fly-back
Delander, Daniel, of London, longcase. 703–4
calendar indication, in arch
Delander, Daniel, of London, longcase. 703–4
Dutton, Matthew & Thomas, of London, no. 285, longcase, enamel dials. 902
Dutton, William, of London, longcase, grande sonnerie. 1039
Quare, Daniel, of London, no. 93, miniature bracket clock. 1176
Quare, Daniel, and Stephen Horsemans, no. 176, bracket clock, ¼ repeat. 1176
calendar indication, longcase clock, continued
Delander, Daniel, of London, semi-perpetual, month duration. 703–4
Du Chesne, Claude, of London, walnut, alarm. 1038
Dutton, Matthew & Thomas, of London, no. 285, enamel dials. 902
Dutton, William, of London, ¼ chiming grande sonnerie. 1039
Ebsworth, John, of London, month duration, lacquer case, ¼ strike. 1136
Graham, George, of London, no. 767, regulator. 759, 903
Herbert, Cornelius, of London, month, marquetry case. 735
Knibb, Joseph, of London, walnut. 1032–3
Seddon, Daniel, of Frodsham, oak, ball moon. 596
Stanton, Edward, of London, marquetry case. 1043
Vulliamy, of London, no. 354, mahogany. 592–3
Watson, Andrew, of St Andrews. 827–9
calendar, perpetual
Cole, Thomas, of London, strut timepiece, pre-numbered. 888
calendar, French Republican
Segaud, pendule portique, decimal dial. 777
calendar, semi-perpetual
Delander, Daniel, of London, longcase. 703–4
Call, Jan van, of Nijmegen, disputed pendulum wall clock dated 1657
letter from Sebastian Whitestone. 716–18
response from Jonathan Betts. 718–20
Callard, see Ganival and Callard, of London
Calver, Bren, Early English clocks, letter. 716
Camerer Kuss, of London, flute clock. 750
Campbell, chronometer, marine, no. 466. 643
Campbell, Gregor, book review. 689–90
lecture reports. 700–1
Caprivi, Leo von, 957
car clock, Kullberg, Victor, of London. 645
carillon (see also musical clock; tune barrel)
early mediaeval. 929
history of in Flanders. 1007
water clock. 656, 657
Carley & Clemence, of London, chronometer, no. 51402, sidereal. 1122
Carnegie Institution, Washington. 960
Carr, Frank. 972
carriage clock, by
Arnold and Dent, of London, large. 1052
Breguet et fils, of Paris, no. 4222, ¼ repeat, alarm. 1049
Dent, Frederick, of London, no. 1413?, chronometer. 732
Jacot, Henri, no. 10272, LeRoy’s bottom wind, alarm, repeat. 747
Le Roy, base winding. 704
carriage clock, by, continued,
McCabe, James, of London
  no. 2927, giant striking.........................611
  no. 3506, fusee, hour repeat...................1036
Margaine, François Arsène, of Paris........809–13
  listed by number..................................822–6
  no. 3488, strike and repeat...................811
  no. 4415, centre seconds, moon and
    calendar, alarm................................813
  no. 6235, strike and repeat...................811
  no. 6308, mignonette...........................812
  no. 7535, grande sonnerie......................813
  no. 8320, half hour repeat........................810
  no. 9699, mignonette............................812
Richard,
  gorge, petite sonnerie, ¾ repeat, alarm........740
Carrington, Roger F. (1948–2005)........638, 648
    advertised........................................1174
    reviewed...........................................1144–5
  cartel clock, by
    Meredith, John, of London, drum........1044
    Thivot, l’aîné,
      Chevalier de Bethune escapement..........777
  Carter, chronometer, box, India list, no. 524.1119
  Carter-Wright Ltd..................................995
  Cartier, Louis.......................................861
case, longcase, see lacquered case; marquetry case
  case maker, clock, see clock case maker
  case maker, watch, see watch case maker
  Cassiodorus........................................655
catalogue, Smith & Sons, of Clerkenwell,
    pages reproduced................................980–3
  Cavé, Douglas Guillaume.........................631, 634
    Cavé late Barwise, watch, no. 12/912....634
  Centre for Electronic Horology.................1158
centre-seconds hand, see dial, centre-seconds
  Cevicos, Juan.......................................1064
  chain maker, (fusee chain),
    Weicholdt, William, of Glashütte...........960
  Chambre Syndicale de l’Horlogerie de Paris
    ........................................815–20
champlevé dial, on watch by
  Spiegel, Joseph, of Friedberg, coach watch.790
  Chappaz, Luce, enamel painter
    "The Hermance mouth".............................1045
  chapter ring, Dutch arced, longcase clock
    Seddon, Daniel, of Frodsham....................596
  chapter ring, every minute numbered
    Knibb, Joseph, of London, bracket clock.....612
  Charles Clay: fashioning timely music,
    Anthony Turner......................................929–48
Cheetham, Joseph and Richard,
  turret clock, Spofforth, N. Yorks.............1010
Cheney, Robert.....................................905, 984–6
Cheshire, Sir John, Serjeant-at-Law........942
Chester, Geoff, portrait..........................616
chiming, quarter (see also striking, quarter)
  Desbois & Wheeler, of London...............752
  chiming, quarter, continued,
    Dutton, William, of London,
      longcase, grande sonnerie..................1039
    Fürstenfelder, Benedikt, of Friedberg,
      complex table clock.........................784–6
Chinese market
  musical automaton tower clock,
    complex table clock..........................755
    pagoda clock....................................862–3
chronograph
  Clerke, Frederick William, of London........693, 705
  Coombe, William, of London, 1/10 second....762
  Dent, Edward John, of London...............1078
chronometer, box, listed in India, by
  Arnold and Dent, no. 1298.......................1121
  Baker, no. 1047....................................1117
  Barraud
    nos. 78, 579 8-day, 814, 978, 987...............1117
  Black & Murray, of Calcutta
    no. 601...........................................1119
    no. 612...........................................1123
    nos. 613, 616.....................................1119
  Brockbank & Atkins, no. 925, 8-day............1117
  Brockbanks, no. 701................................1117
  Brotherton, no. 5157............................1120, 1121
  Carley & Clemence, no. 51402, sidereal......1122
  Carter, no. 524....................................1119
  Clarke, no. 1719....................................1119
  Cogden, no. 1520, 8-day..........................1123
Cummins
  nos. 1490, 1501, 1513.............................1117
  nos. 1534, 1570, 1582, 1599, 1601...............1118
  Dent, E.
    no. 2920...........................................1119
    nos. 3096, 39136, 49236........................1121
    nos. 2565, 3056...................................1120
  Dent, M.F., nos. 1601, 25729....................1119
  Dent (numerous).................................1117, 1118, 1122, 1124
  Dimmer, no. 8218....................................1124
  Edward & Sons, no. 4756........................1123
  Edwards, no. 4756................................1124
  Eiffe, no. 203......................................1119
  Fletcher
    nos. 950, 1215, 3355.............................1119
    no. 2683..........................................1113, 1119, 1121
    no. 2684..........................................1118
    nos. 3356...........................................1120, 1124
Frodsham
  nos. 0044 8-day, 3387, 5024........................1121
  nos. 3392, 3908, 5025............................1119
  no. 5157...........................................1124
  Frodsham, C., no. 3038..........................1118
  Gardner, no. 5/1486, 8-day......................1123
  Glover, no. 385....................................1119
  Harris, no. 678....................................1117
  Hatton, nos. 270 8-day, 633........................1117
  Henessey, no. 1553...............................1119
  Hewitt & Son, of London,
    no. 4789, 8-day.................................1114, 1118
  Hornby, Richard, no. 1014......................1119
<table>
<thead>
<tr>
<th>Name</th>
<th>No.</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>chronometer, box, listed in India, by, continued, Hughes</td>
<td>no. 1463</td>
<td>1113, 1123</td>
</tr>
<tr>
<td></td>
<td>no. 1470</td>
<td>1123</td>
</tr>
<tr>
<td>Hughes &amp; Son, no. 1428/2082</td>
<td></td>
<td>1123</td>
</tr>
<tr>
<td>Isaac, no. 1770 8-day</td>
<td></td>
<td>1118</td>
</tr>
<tr>
<td>Johannsen</td>
<td>no. 3837</td>
<td>1118</td>
</tr>
<tr>
<td></td>
<td>no. 4619</td>
<td>1121</td>
</tr>
<tr>
<td></td>
<td>no. 6670</td>
<td>1122</td>
</tr>
<tr>
<td>(numerous)</td>
<td></td>
<td>1119, 1120</td>
</tr>
<tr>
<td>Kelvin, Bottomley, &amp; Baird</td>
<td>nos. 9548, 9549, 9802</td>
<td>1123</td>
</tr>
<tr>
<td></td>
<td>no. 10858</td>
<td>1124</td>
</tr>
<tr>
<td>Keys</td>
<td>no. 886</td>
<td>1121</td>
</tr>
<tr>
<td></td>
<td>no. 973</td>
<td>1124</td>
</tr>
<tr>
<td>Kullberg</td>
<td>nos. 6119, 6134, 6211</td>
<td>1120</td>
</tr>
<tr>
<td></td>
<td>nos. 7155 8-day, 7533, 7596 8-day</td>
<td>1124</td>
</tr>
<tr>
<td></td>
<td>(numerous)</td>
<td>1118, 1119, 1121, 1122, 1123</td>
</tr>
<tr>
<td></td>
<td>Lilley, nos. 1589, 4344</td>
<td>1124</td>
</tr>
<tr>
<td>Lynch, no. 5000</td>
<td></td>
<td>1124</td>
</tr>
<tr>
<td>McCabe</td>
<td>nos. 354 8-day, 518</td>
<td>1120</td>
</tr>
<tr>
<td></td>
<td>no. 427</td>
<td>1119</td>
</tr>
<tr>
<td></td>
<td>nos. 430, 445, 460, 473</td>
<td>1117</td>
</tr>
<tr>
<td></td>
<td>nos. 466, 467, 472, 481, 521, 522</td>
<td>1118</td>
</tr>
<tr>
<td>McGregor, no. 4603</td>
<td></td>
<td>1120</td>
</tr>
<tr>
<td>McLachlan, no. 240</td>
<td></td>
<td>1121</td>
</tr>
<tr>
<td>Mercer</td>
<td>nos. 4727 8-day, 6284 8-day</td>
<td>1121</td>
</tr>
<tr>
<td></td>
<td>nos. 5454, 13522, 14080</td>
<td>1124</td>
</tr>
<tr>
<td></td>
<td>and others</td>
<td>1124</td>
</tr>
<tr>
<td>Molyneux, no. 2033</td>
<td></td>
<td>1121</td>
</tr>
<tr>
<td>Moore, no. 1818</td>
<td></td>
<td>1119</td>
</tr>
<tr>
<td>Northern Goldsmiths Co., no. 1017</td>
<td></td>
<td>1124</td>
</tr>
<tr>
<td>Parkinson &amp; Frodsham</td>
<td>no. 2303</td>
<td>1121</td>
</tr>
<tr>
<td></td>
<td>nos. 3353, 3356, 3358, 3500, 3549, 3551</td>
<td>1117</td>
</tr>
<tr>
<td></td>
<td>nos. 3552, 3569, 3579, 3604</td>
<td>1118</td>
</tr>
<tr>
<td>Penlington, no. 1796</td>
<td></td>
<td>1121</td>
</tr>
<tr>
<td>Pike, no. 7448</td>
<td></td>
<td>1124</td>
</tr>
<tr>
<td>Poole, nos. 1596, 6607</td>
<td></td>
<td>1120</td>
</tr>
<tr>
<td>Porthouse, no. 6524</td>
<td></td>
<td>1121</td>
</tr>
<tr>
<td>Pyott</td>
<td>no. 392</td>
<td>1121</td>
</tr>
<tr>
<td></td>
<td>no. 860, 914</td>
<td>1120</td>
</tr>
<tr>
<td></td>
<td>no. 3717</td>
<td>1124</td>
</tr>
<tr>
<td>Robinson &amp; Wells, no. 2847</td>
<td></td>
<td>1124</td>
</tr>
<tr>
<td>Shepherd</td>
<td>no. 1492</td>
<td>1120</td>
</tr>
<tr>
<td></td>
<td>no. 1732</td>
<td>1121</td>
</tr>
<tr>
<td>Smith, no. 8007</td>
<td></td>
<td>1124</td>
</tr>
<tr>
<td>Stanley, no. 8043</td>
<td></td>
<td>1124</td>
</tr>
<tr>
<td>Tobias, no. 134</td>
<td></td>
<td>1117</td>
</tr>
<tr>
<td>Usher and Cole</td>
<td>no. 1927</td>
<td>1124</td>
</tr>
<tr>
<td></td>
<td>nos. 2198, 26536</td>
<td>1124</td>
</tr>
<tr>
<td>chronometer, box, listed in India, by, continued, Webb</td>
<td>nos. 2916, 5673, 5674</td>
<td>1121</td>
</tr>
<tr>
<td></td>
<td>nos. 5648, 5667, 5670</td>
<td>1120</td>
</tr>
<tr>
<td></td>
<td>no. 5697, 8-day</td>
<td>1124</td>
</tr>
<tr>
<td>Whyte, no. 3361</td>
<td></td>
<td>1124</td>
</tr>
<tr>
<td>Woods</td>
<td>no. 120, sidereal</td>
<td>1122</td>
</tr>
<tr>
<td></td>
<td>no. 151</td>
<td>1123</td>
</tr>
<tr>
<td></td>
<td>no. 152</td>
<td>1124</td>
</tr>
<tr>
<td>chronometer escapement, see under escapement chronometer, mantel</td>
<td></td>
<td>891</td>
</tr>
<tr>
<td>Kelvin, White, &amp; Hutton, of London, no. 604, 8-day</td>
<td></td>
<td>1124</td>
</tr>
<tr>
<td>chronometer, marine (see also chronometer, box ...)</td>
<td></td>
<td>962</td>
</tr>
<tr>
<td>Box chronometers for India 1800–1936, Simon Davidson</td>
<td></td>
<td>1107–24</td>
</tr>
<tr>
<td>conference, Hamburg</td>
<td></td>
<td>954, 956</td>
</tr>
<tr>
<td>1878 and 1887</td>
<td></td>
<td>958</td>
</tr>
<tr>
<td>demand for British</td>
<td></td>
<td>962</td>
</tr>
<tr>
<td>German</td>
<td></td>
<td>961–3</td>
</tr>
<tr>
<td>Learning from the Artefact: The Marine Chronometers at Greenwich, lecture by Jonathan Betts, advertised</td>
<td></td>
<td>990</td>
</tr>
<tr>
<td>numbers on German ships</td>
<td></td>
<td>962</td>
</tr>
<tr>
<td>prices, Kullberg, Victor, of London</td>
<td>643–4</td>
<td></td>
</tr>
<tr>
<td>production methods, Kullberg's</td>
<td>638–9</td>
<td></td>
</tr>
<tr>
<td>testing facilities Deutsche Seezarte</td>
<td>952, 953</td>
<td></td>
</tr>
<tr>
<td>Kiel Observatory</td>
<td></td>
<td>952, 954</td>
</tr>
<tr>
<td>Towards the ‘German chronometer’ ..., by Günther Oestmann</td>
<td>949–63</td>
<td></td>
</tr>
<tr>
<td>trials, Hamburg</td>
<td>952–3, 957, 959, 961</td>
<td></td>
</tr>
<tr>
<td>‘Unified Chronometer’</td>
<td></td>
<td>961</td>
</tr>
<tr>
<td>chronometer, marine, by (see also chronometer, box ...)</td>
<td></td>
<td>779</td>
</tr>
<tr>
<td>Arnold, John, of London, no. 16</td>
<td></td>
<td>634</td>
</tr>
<tr>
<td>Barwise, John, of London, senior, nos. 4307, 4137</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Campbell, no. 466</td>
<td></td>
<td>643</td>
</tr>
<tr>
<td>del Riego, M., of Liverpool, no. 2386 (Kullberg no. 1378)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dent, M.F., of London, no. 29735, eight-day</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dupont en Zoon, of Rotterdam, nos. 119 and 120 (Kullberg nos. 4205 and 4341)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eppner, of Berlin, Kullberg no. 3715</td>
<td>643</td>
<td></td>
</tr>
<tr>
<td>Fletcher, no. 2683</td>
<td></td>
<td>1113</td>
</tr>
<tr>
<td>Frodsham, Charles, of London, no. 2519, 2-day</td>
<td>748, 1046</td>
<td></td>
</tr>
<tr>
<td>Frodsham, William Edward, of London, no. 2</td>
<td>757</td>
<td></td>
</tr>
<tr>
<td>Hewitt &amp; Son, of London, no. 4789, 8-day</td>
<td>1114</td>
<td></td>
</tr>
<tr>
<td>Hughes, no. 1463</td>
<td></td>
<td>1113</td>
</tr>
<tr>
<td>Hughes, H., of London, no. 1022</td>
<td></td>
<td>643</td>
</tr>
</tbody>
</table>
chronometer, marine, by, continued, Johannsen, Asmus, & Co., of London
India lists .................................................. 1118–22
no. 3837 ..................................................... 1115
Jürgensen, Urban, of Copenhagen,
no. 111 (Kullberg no. 1571) ................. 643
Kittel, Adolph August, of Altona
experimental ............................................. 957
no. 269 ..................................................... 957
Knoblich, Theodore, of Altona .............. 963
Kullberg, Victor, of London ................. 963
oxos. 1363, 1378, 1571, 4205,
4341, signed for other makers .......... 643
no. 1429 ..................................................... 643
no. 3715 ..................................................... 644
no. 4070, production of ....................... 642
no. 4146 ..................................................... 1113
no. 5127 (G. Mager no. 87) .................... 640
no. 7956 ..................................................... 1113
Mager, G., no. 87 (Kullberg no. 5127) ..... 640
Mudge, Thomas, junior, of London, no. 3 ... 880
Sewill, Joseph, of Liverpool,
no. 5729, Kullberg no. 3715 ................. 643, 644
Thiele, Johann George, of Bremen ......... 950
Webster, of London, no. 14,688
(Kullberg no. 1363) ......................... 963, 1113
chronometer, pocket, by
Barwise, John, of London, senior
nos. 4249, 5154, 8280 ......................... 632–3
no. 5445 ..................................................... 632, 633
Barwise, John, of London, junior, no. 9763 ... 633
Frodsham, Charles, of London, no. 06888 ... 897
chronometer, survey, Box chronometers
for India 1800–1936, Simon Davidson ....... 1107–24
chronometer testing station,
Lambeth observatory ................................ 1110
chrysoberyl and chrysolite ................. 1090
church clock, see turret clock
cigarette box, singing bird, Breguet, no. 4887,
movement by Bontems ......................... 609
Cipra, Jim, portrait ..................................... 616
Clackmannanshire’s Clockmakers and
Public Clocks, book, reviewed ........... 689–90
Clapham, Archibald, of Whangarei ...... 838
portrait ..................................................... 838
Clarke, chronometer, box, no. 1719 ......... 1119
Clavier, Daniel, of Paris, pendule religieuse,
Boule marquetry case ....................... 740
Clay, Charles, of London
Charles Clay: fashioning timely music,
by Anthony Turner ......................... 929–48
family ..................................................... 934
lantern clock ....................................... 948
life of ..................................................... 933–4
list of known clocks and watches ........... 946–8
longcase clocks, ¼ striking ............... 948
musical clock ....................................... 937, 939, 941, 947–8
organ clock .......................................... 939–40, 946–7
patent ..................................................... 934–7
hearing arguments .............................. 942–6
Clay, Charles, of London, continued,
repeating machine ......................... 934–7
no. 57 ..................................................... 935
no. 58 ..................................................... 936
table clock, striking, year duration ......... 948
turret clock ........................................... 941
watch
nos. 946, 988, and others ................. 948
no. 1197 ................................................... 941
Clayton, Martin ....................................... 995
Clemence, see Carley and Clemence, of London
Clerke, Frederick William, of London
chronograph ......................................... 705
no. 2860, gunnery timekeeper ............ 693
Clifford, Derry ......................................... 701
lecture report ......................................... 703–4
clock (see also alarm clock; astronomical clock;
automaton clock; bracket clock; carriage clock;
electric clock; lantern clock; longcase clock;
mantel clock; musical clock; regulator; speaking
clock; table clock; turret clock; wall clock)
anaphoric .................................................. 653
flying, Robert-Houdin, Jean-Eugène,
conjuring prop .......................................... 799–800
geographical, Thaddäus Rinderle .......... 771, 774
mercury, Isaac b. Sid ............................... 658
clock and watch fairs, see fairs, clock and watch
clock, astronomical, see astronomical clock .... 660
clock case maker
Duhamel, François .................................. 766
Head, John, of Philadelphia ............... 847
Lowther, T.N. ............................................ 904
clock, formerly property of
Braamcamp, Gerrit ............................... 939–40
Dover, 1st Lord (?) ................................. 1049
Milman, Sir Francis, physician .......... 592–3
Peatie, David, of Kingsbarns, Fife ...... 827–33
clock, illustration
‘Loss of Time’, wood-cut print, 1532 ........ 620
clock, musical, see musical clock
clock-watch
Quare, Daniel, of London,
hour and half-hour strike ....................... 900
Clockmakers, Worshipful Company of
.......................................................... 635–6, 764, 934, 1006
affiliation with AHS .................. 1060, 1151–2
collection ........................................... 1061
Harrison Lecture, 2014 ....................... 1060
museum ..................................................... 628
opposition to patents ......................... 934
records, evidence of deceitful practices .... 1153
The Clockworks ...................................... 995
Clowes, James, of London
longcase clock, walnut architectural case ... 604
Clowes, John, of London, bracket clock .... 753
cub, Army & Navy, mantel timepiece .... 1159
coach watch, by
Baumann, Sebastian, of Friedberg ...... 679, 682
Fürstenfelder, Benedict, of Aichach
¼ striking and alarm ......................... 783–4
coach watch, by, continued, 
Spiegel, Joseph, of Friedberg 
signed Jo. Legepsins London.................789, 790 
signed J. S. Miroir London.....................789, 790 
Cobham, John, of London......................934 
Cockrell, Dorothy, Enamelling, 
lecture and demonstration......................701 
Cogden, chronometer, box, no. 1520, 8-day...1123 
Cole, Thomas, of London 
strut timepiece, pre-numbered.................888 
table regulator, no. 1056, coromandel case...895 
Collanges, François...............................995, 1006 
From mechanical to electrical 
horology..............................................796–806 
collection 
Boom-Time (Boomsma, Jan).......................709 
Clapham, Archibald, of Whangarei.............838–40 
Clockmakers, Worshipful Company of 
.........................................................1060, 1061 
Ilbert, Courtenay Adrian..........................904 
Kienzle, 
acquired by state of Baden-Württemberg....773 
Science Museum..................................1061 
Spitzer, Frédéric....................................1074 
Collingbourne, Alfred Fern, of Coventry..1089 
Collingbourne, Herbert, of Coventry ...........
...1089, 1093, 1094, 1096–7, 1098–9, 1102, 1105 
Colliot, François, of Lyon, pendule religieuse.1099 
Colombo, Jon.......................................1001 
Comber, Richard, of Lewes......................706, 707 
Combe’s apparatus, anemometer testing...954, 955 
comparateur chronométrique.................1077–84 
Redier, Antoine, of Paris 
at CNAM, dated 1860............................1084 
no. 4, 1879............................................1081–4 
compensation, barometric pressure............861 
compensation curb, temperature 
Recordon, of London, watch, 
no. 7277, ruby cylinder, ½ repeat.............739 
compensation, temperature, see balance, 
compensation; pendulum, compensating 
compteur à coincidence, see comparateur 
chronométrique 
Comtoise clock, Mayet Morbier Comtoise, ... 
book, reviewed.....................................987–8
conference (see also symposium) 
Decoding Harrison. A second in 
100 days ..., Greenwich, 12 July 2014......763 
Cooke, Oliver........................................912, 994, 1001 
Cooke, Thomas, of York........................1113 
Coome, William, of London 
stop watch, 1/10 second.........................762 
Coote, Ian..........................................1158 
Hague clocks, lecture............................705–6 
Coote, Megan, lecture report..................860–1 
Cope, G. & F., of Nottingham, turret clock 
East Leake, Nottinghamshire....................1003 
West Bridgford, Notts............................1003 
corner piece, silver, see dial, silver mounted 
Coster, Salomon, of The Hague................1157 
Hague clock........................................705–6 
Salomon Coster, lecture by Rob Memel 
and Victor Kersing.........................1009 
Coteau, Joseph, enamellier......................777 
Cotey, Abel, of Philadelphia....................846 
Coulton, William, of York, bracket clock...704 
Courvoisier, see Robert & Courvoisier 
Coventry, watch trade 
earnings in............................................1087–8 
jewellers, in 1881 census.........................1086 
organisation and life in..........................1085–8 
women in.............................................1087 
Cowan, Dennis, The Ancient Sundials of 
Scotland, lecture..................................700–1 
Cowham, Mike 
The Golden Age of British Clockmaking 
1650 to 1750, lecture.............................1004–5 
Unusual Mechanisms, lecture..................704–5 
Cox, Brittany.......................................1152 
Cox, James, of London 
Anatomy of a Cox musical clock, 
Note, Ian White...................................834–7 
table clock, musical...............................834–7 
musical movement..................................837 
replacement movements.........................836 
tune change knob..................................837 
winding key, dated 1766...........................834 
Coxeter, Nicholas, of London, lantern clock....600 
crested, longcase clock 
 Ebsworth, John, of London, lacquer case, 
month duration, ¼ striking.............1132–3, 1136 
Knibb, Joseph, of London, walnut.........1032–3 
Windmills, Joseph, of London, 
olivewood and parquetry.......................1038 
Crisford, Andrew..................................1152 
Crookford, Matthew, of London (attrib.), 
bracket clock, St Basilisa and St Anastasia..1030 
Croft, Lara.........................................1004 
Cronier, lyre clock.................................777 
Crouch, Edward, of London......................934 
Ctesibios of Alexandria..........................653 
cuckoo clock.......................................777–8 
‘Hunting piece’......................................777 
Cuff, James, of London 
bracket timepiece, alarm.........................754 
Cumbria Clock Company.........................858, 864 
Cummins, Alexander [Cummins?], watch....702 
Cummins, chronometer, box, India list 
nos. 1490, 1501, 1513.............................1117 
nos. 1534, 1570, 1582, 1599, 1601...............1118 
Curtis, Richard, lecture report...............1004–5 
Cushing, Thomas.................................1110 
cylinder, ruby 
Recordon, of London 
no. 7277, watch, ¼ repeat.....................739
Dallam, Thomas, of London, organ clock...........932
Dangerfield, Edwin, architect.........................1155–6
Daniels, George
    blue plaque unveiled to
    on the Isle of Man........................................765
    in South London...........................................766
Educational Trust............................................912
Darnell, Poul, and Frank Nielsen, Ole Roemer’s
eclipsareon and planetarium, reviewed...........988–9
date indication, see calendar indication
Davidson, Simon.............................................996
    Box chronometers for India
    1800–1936....................................................1107–24
Davies, Alun C..................................................1152
    book review................................................1141–3
    The House of Kullberg....................................635–48
    Kullberg chronometer, response to
    letter from Chris Schouten..............................865–6
    obituary of David Landes................................908–9
Davis, Stephen Boyd
‘Almost at a Single Glance’ – Visualisation of
Historic Time in the Eighteenth Century,
lecture, advertised.............................................1147
portrait.............................................................1147
Dawson, Percy G., see AHS: Percy Dawson Medal
day of month indication, see calendar indication
de Clercq, Dr Peter.............................................994, 1000, 1001
    Editing ‘Antiquarian Horology’, lecture.............859
From the Editor................................................614, 762
Further reading .............................................724–6, 873, 1020–1, 1164
    lecture report..............................................996–7
Museum profile................................................1131
    The notebooks of John Tuck of Romsey.............973–83
Referees..........................................................1152
Roman or Arabic?, letter.....................................1160
Rotate/recollage, letter.......................................866–7
Twenty-five years Dingwall-Beloe
    lectures.......................................................767–8
de Henry, Louis, agent.........................................794
de Save, S.B. (Brian)...........................................996
    lecture reports. 699–700, 886–9, 997–8, 1153–5
Deacon [attributed]
    longcase clock, musical automata......................875
Deacon, John, of Barton-in-the-Beans and
    Leicester......................................................702
Deacon, Samuel (I), of Barton-in-the-Beans........702
decimal clock, Segaud, pendule portique.............777
deck watch, Earnshaw, Thomas, of London........1061
del Rio, M., of Liverpool, chronometer,
    marine, no. 2386 (Kullberg no. 1378)................643
Delander, Daniel, of London
    bracket clock,
    grande sonnerie, silver mounted....................1052
A Clock by Daniel Delander,
    lecture by Elliott Nixon.................................703–4
    longcase clock, month, semi-perpetual
    calendar, equation of time...........................703–4
demonstration, by
    Archer, Malcolm, Use of Spring Winder..............1156
    Buxton, Malcolm, David, Painted Dial Restoration....1156
    Cockrell, Dorothy, Enamelling..........................701
    Dobbie, John, Adhesives..................................1156
    Fox, Peter, Hand Engraving...............................1006
    Higgins, Keith, The Topping Tool......................1156
    Matthews, Ron, Division Master.......................1156
    Myatt, Paul, Watchmaker’s Lathe........................1156
    Dencker, Ferdinand, of Hamburg.....................958, 961
Dent, E.
    chronometer, box, India list
    nos. 2565, 3056...........................................1120
    no. 2920....................................................1119
    nos. 3906, 39136, 49236..............................1121
Dent, Edward John, of London.........................959
    see also Arnold and Dent, of London
    chronograph..............................................1078
Dent, Frederick, of London,
carriage clock, no. 1413?, chronometer............732
Dent, M.F., of London
    chronometer, box, nos. 1601, 25729..................1119
    chronometer, marine, no. 29735, eight-day........591
Dent, of London
    chronometer, box........1117, 1118, 1122, 1124
    regulator, wall, no. 61257, month..................746
Desbois & Wheeler, of London
    bracket clock, ebonised, ¼ chiming......................752
    detent maker, Abbott, of Wood Green...............642
Detouche, Constantin, of Paris
electric clock................................................805–6
electric clock developments.............................801–2
    master clock and slave dial.............................803
Deutsche Seezarte
    (German Hydrographical Institute).....................951
    anemometer testing apparatus.........................955
    chronometer testing station............................952
Dewin, Joseph, of London,
    watch case maker.........................................714, 715
dial, 24-hour
    0–23..............................................................1047, 1115
    1–12 twice.................................................771, 774, 842, 843, 930, 1015
    1–24.............................................................1047
    12 hours, doubly marked 1–12 and 13–24
    ..............................................................692, 910, 911, 999, 1053, 1075
    I.H. (Isaac Habrecht)......................................930–1
    Leon cathedral.............................................1015
    sidereal, box chronometer...............................1114, 1118, 1120, 1122, 1124
dial, apparent time
    Berthoud, Ferdinand, regulator, year going..775
    Scafe, William, of London
    longcase clock keeping....................................775
dial arch, shallow break-arch, by
    Windmills, Joseph, of London
    bracket clock, ebonised, ¼ repeating..................743
dial, centre-seconds
    Margaine, of Paris, carriage clock, no. 4415.813
    Sarton, Hubert, of Liège, table clock.............1008
dial, champlévé
  Spiegel, Joseph, of Friedberg, coach watch.. 790
dial, chime/silent
  Delander, Daniel, of London
    bracket clock, grande sonnerie........... 1052
dial clock, see wall clock, English dial
dial, concave, Meanwood, W. Yorks, church... 1010
dial, day of month, see calendar indication
dial, day of week
  Etherington, George, of London,
    bracket clock, ¼ repeat, alarm........... 760
  Fürstenfelder, Benedikt, of Friedberg,
    complex table clock...................... 784–6
  Mayr, Johann Georg, of Munich,
    night clock................................ 605
  Valogne, of Paris, mantel clock............ 1034
  wooden clock from Abbey of St Peter... 733, 774
dial, decimal
  Segaud, pendule portique...................... 777
dial, differential
  Banks, Joseph, of Nottingham............... 672–3
  Engelschalk, Johann Christian, of
    Friedberg, watch........................... 671–2
dial, dominical letter........................... 827–9
dial, enamel, bracket clock
  Desbois & Wheeler, of London,
    ¼ chiming, ebonised......................... 752
  Dutton, Matthew, of London,
    no. 305, ¼ striking........................ 1058
  Dutton, Matthew & Thomas, of London,
    no. 285, longcase, enamel dials.......... 902
dial, enamelled, Weston, William, of Smithfield. 623
dial, engraved, Bristol style.................. 702
dial, épaulet.................................... 827–9
dial, equation of time
  Delander, Daniel, of London,
    longcase clock.............................. 703–4
  dial, flattened arch, see dial arch, shallow
dial, length of day
  Fürstenfelder, Benedikt, of Friedberg,
    complex table clock...................... 784–6
  dial, lunar, see lunar indication
dial maker, Willis, of London................ 642
  dial, metronomic, on longcase clock,
    by Stretch family of Philadelphia...... 848
  dial, multiple time zones
  Noll, August, of Villingen.................. 778
  watch, railway and local time.............. 780
dial, name as chapters, see name-dial watch
dial, pendulum fastening
  Etherington, George, of London,
    bracket clock, ¼ repeat, alarm........... 760
dial, planetary signs
  wooden clock from Abbey of St Peter..... 733, 774
dial, quarter hours and minutes
  wooden clock from Abbey of St Peter..... 733, 774
dial, rectangular
  Etherington, George, of London,
    bracket clock, ¼ repeat, alarm........... 760
dial, rectangular, continued,
  Street, Richard, of London, bracket clock... 882
  Tompion, Thomas, of London, no. 222,
    miniature bracket clock................... 879
dial, regulation subsidiary
  Cox, James, of London, musical clock..... 835
dial, rise and fall regulation, bracket clock
  Arnold, John, of London, dead-beat
    escapement, jewelled pallets.............. 1039
  Blake, John, of Fulham, mahogany........ 897
  Desbois & Wheeler, of London,
    ebonised, ¼ chiming........................ 752
  Dutton, Matthew, of London,
    no. 305, ¼ striking........................ 1058
  Etherington, George, of London,
    ¼ repeat, alarm............................. 760
  Fürstenfelder, Benedikt, of Friedberg,
    complex table clock...................... 784–6
  Gregg, Francis, of London,
    ebony, timepiece, ¼ repeat................ 599
  Quare, Daniel, of London,
    no. 93, miniature, ¼ repeat............ 1176
  Quare, Daniel, and Stephen Horseman,
    no. 176, ¼ repeat........................... 1176
  Street, Richard, of London,
    ebony, ¼ repeat............................. 882
  Tompion, Thomas, of London,
    no. 222, miniature........................... 879
dial, seconds, on early clocks.............. 717–18, 719
  dial, silver mounted
  Delander, Daniel, of London,
    bracket clock, grande sonnerie......... 1052
  Dutton, Matthew & Thomas, of London,
    no. 285, longcase, enamel dials........ 902
  Fürstenfelder, Benedikt, of Friedberg,
    complex table clock...................... 784–6
  Knibb, Joseph, of London, bracket clock,
    Roman striking, velvet dial............... 736–7
  dial, skeletonised chapter ring, bracket clock
  Jones, Henry, of London,
    architectural case.......................... 1048
  Knibb, Joseph, of London, olivewood....... 612
  dial, solar time, see dial, apparent time; dial,
    equation of time
  dial, strike/silent, bracket clock
  Blake, John, of Fulham, mahogany........ 897
  Etherington, George, of London,
    ¼ repeat, alarm............................. 760
  Fürstenfelder, Benedikt, of Friedberg,
    complex table clock...................... 784–6
  Pace, Thomas, of London, sen., mahogany.. 1040
  Quare, Daniel, of London,
    no. 93, miniature, ¼ repeat............ 1176
  Quare, Daniel, and Stephen Horseman,
    no. 176, ¼ repeat........................... 1176
  Street, Richard, of London,
    ebony, ¼ repeat............................. 882
  Tompion, Thomas, of London, no. 222,
    miniature................................. 879
  Wontner, John, of London, no. 192........ 886
dial, strike/silent, longcase clock  
Harris, Christopher, of London, miniature, walnut.............................889

dial, sun and moon  
Zolling, of London, watch..................................................898

dial, sunrise and sunset  
Delander, Daniel, of London, longcase..........................703–4
Fürstenfelder, Benedikt, of Friedberg, complex table clock..................................................784–6
Sarton, Hubert, of Liège, table clock.............................1008

dial, time zones, see dial, multiple time zones

dial, up-and-down  
Delander, Daniel, of London, longcase clock.............................703–4
Fürstenfelder, Benedikt, of Friedberg, complex table clock..784–6
wooden clock from Abbey of St Peter..........................733, 774
Diez and Keill, of Augsburg........................................794
Dimmer, chronometer, box, no. 8218.............................1124
Dingwall-Beloe lecture..................................................762, 767–8
1989–2013, listed..................................................767–8
1989, advertisement for............................................767
2014, *Winners and losers*, by Andrew King, advertised.............................1023

directions, handwritten, for fixing up regulator, Vulliamy, Justin, of London..........................1028

Disney, Charles Edgar...........................................1132

Dix, Albert, of Coventry, jewel drill maker..................1097

Dobbie, John  
*Demonstration*..................................................1156
lecture report........................................707–8, 862, 1006–7

Doffe, Henri, of Paris..................................................821

Dole, cathedral time-keeper.........................................660, 661
domical letter..........................................................827, 828–9, 831
dial.................................................................827–8

Dorius, of Paris..........................................................811

Doux, Simon, of Rotterdam........................................1009
dragon’s blood..........................................................1014

Drake-Brockman, Jennifer........................................662

Driscoll, Clive, lecture report........................................1005–6
drop dial clock, see wall clock

Droz, Jules Huguenin, of Loele, watch..........................1056

Dubois, Émile, of Paris...............................................817

Duchesne (Du Chesne), Claude, of London..................933
(Claudius) bracket clock, walnut, ¼ striking, grande sonnerie.................................740
longcase clock, walnut, alarm......................................1038

Duhamel, François, casemaker, bracket clock..........................766

Dumont, Alberto Santos...........................................861

Dunn, Richard, and Rebekah Higgitt,  
*Finding Longitude: How clocks and stars helped solve the longitude problem*, exhibition publication..........................764

Dupont en Zoon, of Rotterdam
chronometer, marine, nos. 119 and 120
(Kullberg nos. 4205 and 4341)..........................643
duration, long, see long duration
‘Dutch fakes’..........................................................849

Dutch Section, see AHS, Dutch Section
Dutch striking, see striking, Dutch
Dutton, Matthew & Thomas, of London
longcase clock, no. 285, enamel dials..........................902
Dutton, Matthew, of London
bracket clock, no. 305, ¼ striking..........................1058
Dutton, William, of London, longcase clock, ¼ chiming grande sonnerie..........................1039

Dylan, Bob, singer and songwriter..........................1154

Dylan, Bob, singer and songwriter
Easter  
date of........................................................................830
A *Scottish clock dial for determining Easter*, John A. Robey........................................827–33
table ‘To find Easter for ever’, 1727..........................832

Ebsworth, John, of London
bracket clock, ebony, turntable base..........................597
longcase clock, month duration, lacquer case, ¼ striking........................................1132–3, 1136
eclipsareon, Romer, Ole........................................988–9

From the Editor, by Peter de Clercq..................614, 762
Edward & Sons, chronometer, box, no. 4756..........................1123
Edward, chronometer, box, no. 4756..........................1124

Edwards, Richard, *The Invention and Early History of the Wristwatch*........................................861

Eiffe, chronometer, box, no. 203..................................1119

Ehrlich, Johann L., balance, compensation..........................960

Eichner, Dr Barbara......................................................795

Eiffel Tower..............................................................857

Einheitschronometer.....................................................961

Eisenlohr, Friedrich, of Karslruhe, architect ..............777
electric clock
(see also AHS, Electrical Horology Group)
Bain, Alexander, electromagnetically
impulsed pendulum..................................................627–8
Bowell, G.B., continuous motion clock..........................686
German, electromagnetically rewound..........................702

Robert-Houdin, Jean-Eugène.........................796, 800–5
catalogue of known examples.............................805–6

Wise, Stanley J......................................................863–4
ANTIQUARIAN HOROLOGY

Electronic (see also quartz clock; quartz watch)
Centre for Electronic Horology..........................1158
Ellicott and Taylor, of London
watch, Westfield’s escapement........................................ 702
Elliott, F.W. Ltd., of Croydon
RAF sector clock..................................................998–9
enamel-cased watch, see watch, enamel-cased enamel dial, see dial, enamel
enamel painter
Chappaz, Luce, “The Hermance mouth”...1045
Enamelling, lecture by Dorothy Cockrell........701
Engelschalk family, of Friedberg....................670–2
Engelschalk, Johann Christian, of Friedberg,
watch, differential dial........................................ 671–2
Engelschalk, Johann Georg, of Friedberg........671
musical clock..................................................671
Table clock, musical........................................ 673–4
Engelschalk, Leonhard, of Friedberg
watch, enamel case........................................ 670–1
English dial, see wall clock, English dial
engraver, Harris..................................................642
engraving
Bristol style dial..................................................702
Flemish perspective style..................1066, 1074–5
Hand Engraving Association......................1006
Hand Engraving, lecture by
Chris Rowley..............................................1005–6
epact.........................................................829–30, 831
dial..........................................................828–9
Ephemera
business register,
Happacher, Philipp, of Friedberg......793–4
catalogue
Potts, W., of Leeds, pre-1934..................614
various.....................................................980–3
letterhead, receipt, Tuck, John, of Romsey...974
notebooks, Tuck, John, of Romsey........973–83
trade card
Kullberg, Victor, of London........637
Tuck, John, of Romsey.........................973
Eppner, of Berlin, chronometer, marine,
Kullberg no. 3715........................................ 643
Equation of time (see also dial, equation of time)
printed table..................................................1028
regulators, Glashütte..................................688
sundials showing............................................700
Erbrich, Klaus, Präzisionspendeluhrnen, book......687
Erghum, Bishop..............................................858
Erment, Jürgen, Präzisionspendeluhrnen in
Deutschland von 1730–1940 – Band 3,
book, reviewed........................................ 687–9
Escapement
Bond, William, of Boston..........................616
Chevalier de Bethune, Thiout, l’ainé,
cartel clock..................................................777
constant force,
Kittel, Adolph August, of Altona............957
Crane, Aaron Dodd........................................ 616
cylinder, ruby, Recordon, of London....739
development of...........................................658–9
Fasoldt, Charles, of New York.................616
Escapement, continued........................................
half dead-beat
Dutton, Matthew, of London................1058
Willard, Simon, of Roxbury...............881, 905
pin-wheel,
skeleton timepiece, French, c. 1800...........603
pivoted-detent
Kittel, Adolph August, of Altona........957, 958
Motel, Jean François Henri.........................958
Pouzait..........................................................702
rack lever
Lancaster & Son, of Plymouth Dock,
no. 384, stolen...............................................720
Litherland, Whiteside, no. 6699, stolen......720
Tobias, M, no. 2965, stolen.....................720
tinfoire, Marguine, of Paris..................812
strob..........................................................659
Strob escapement,
letter from John Wilding......................1012–14
Tuck, John, of Romsey, puzzling........977, 982, 983
The Verge Escapement in English Clocks,
lecture by Roger Still.........................1157
Westfield’s patent........................................ 702
Eser, Dr Thomas...........................................911
Essen, Ray
Dr Alan Shenton Award, 2013...............697
portrait.....................................................854
Etherington, George, of London
bracket clock, ¼ repeat, alarm...................760
Evalo, Hans de, of Madrid..................1073–4
table clock..............................................1064–73
table monochord clock..............................1074
Evalo, Lorenzo de..................................1073–4
Evans, Jeremy...........................................703, 717
Evans, Jeremy, Jonathan Carter and Ben Wright,
Thomas Tompion 300 Years, reviewed..1137–41
Evans, Paul, book review.........................683
Everest, Col. Sir George........................1112, 1113
Exhibition
Compiègne, 1876............................................814
Exploring the Man-nen Dokei:..................1062
John Harrison, the Clockmaker who
changed the world........................................ 617
London, 1851, Great Exhibition..............801
London, Japan-British, 1910.....................1065
Longitude Punk’d, Greenwich..................764
Lyon, 1894, Universal Exhibition...............815
Majestic Time, Caltech, 2013................515
Met De Tijd In Contact, MNU.....................799
Northallerton Clockmakers.........................766
Paris, 1855, Universal Exhibition.............802
Paris, 1875, Industries Maritimes et
Fluviales.......................................................813–14
Paris, 1878, Universal Exhibition..............814
Paris, 1889, Universal Exhibition.............808, 814
Paris, 1900, Universal Exhibition.............815
Potts of Leeds – Clocks of Character. 614, 1010
Ships, Clocks, and Stars:
The Quest for Longitude..............762, 764, 1143–4
Tokyo, Importe Foreign Culture, 1906.........1065
Eyre, J., turret clock, Kings Norton, Leics......1003
F

Facio, Nicholas...................................................944
fairs, clock and watch
2014 ..............................................................696, 853, 993
2015 ..................................................................1150
fake watches
‘Dutch’ ..................................................................1153–4
The faking of English watches
lecture by David Penney.................................1153–4
advertised.........................................................849
Swiss origin.........................................................1153–4
false pendulum
Fürstenfelder, Benedikt, of Friedberg,
complex table clock.........................................784–6
Meredith, John, of London,
drum cartel wall clock......................................1044
Stretch family of Philadelphia,
longcase clocks..................................................848
false pendulum (on bracket clock, by)
Delander, Daniel, of London,
grande sonnerie, silver mounted...............1052
Du Chesne, Claudius, of London,
walnut, ¼ striking, grande sonnerie.............740
Etherington, George, of London,
¼ repeat, alarm.................................................760
Fuller, [William?], of London, ebony...747, 897
Gregg, Francis, of London,
ebony, timepiece, ¼ repeat.........................599
Gretton, Charles, of London.........................1052
Merriman, Benjamin, of London,
ebony, ¼ repeating, basket top....................590
Quare, Daniel, of London,
no. 93, miniature, ¼ repeat.........................1176
Quare, Daniel, and Stephen Horseman,
no. 176, ¼ repeat.............................................1176
Street, Richard, of London,
ebony, ¼ repeat..............................................882
Tompion, Thomas, of London, no. 222,
miniature..........................................................879
Tyler, John, of London, ebony......................886
Windmills, Joseph, of London,
ebonised, ¼ repeat......................................743
family tree, Barwise.......................................622
fan with integrated watch, Picture Gallery.....1130
Fanelli, Francesco, sculptor...........................947
Faulkner, Edward, of London, tavern clock,
striking............................................................1055
Favareille, Michèle.............................................1079–80
Fawkes, Isaac, of London, showman............937–8
feasts, movable
The Book of Common Prayer, 1727..............831
Fennimore, Donald L., and Frank L. Hohmann III,
Stretch – America’s First Family of
Clockmakers, reviewed.................................846–8
Fenton, James Cobbett.....................................1136
Ferguson, James
orrery............................................................704
paradox, model of..........................704
Ffield, George..................................................934
film
GPO documentary..............................................1155
Time of Change (1967).................................1099
Finnemore, Michael........................................714
Fischer, Antje Marthe..................................1130
Fitzer, Benjamin, of Worcester,
longcase clock................................................702
A Flemish clock at the Shogun’s Shrine,
Johan ten Hoeve and David Thompson....1063–76
Flemish clockmaking practice,
sixteenth century........................................1067, 1075
Fletcher, chronometer, box
nos. 950, 1215, 3355....................................1119
no. 2683.........................................................1113, 1119, 1121
no. 2684..........................................................1118
no. 3356........................................................1120, 1124
Flores, Joseph, Two automatic watch
movements with verge escapements
but without fusee...........................................913–28
flying clock, Robert-Houdin, Jean-Eugène,
conjuror prop.................................................799–800
flying pendulum clock, Maori......................840
Foerster, Wilhelm, astronomer....................960–1
Foley, Paul J......................................................985
foliot..............................................................1069, 1070, 1071
Forbes, William, surgeon..............................623
Formby, Jeffrey.................................................1116
Förster, Wilhelm, of Berlin, astronomer........780
Foster, Dee.........................................................994
Foster, John, of Liverpool, watch,
Barwise, John, of London, no. 37.........631, 632
Foucault, Leon.................................................798, 800
400-day clock, Schatz.................................708
Fox, Peter, engraver, demonstration............1006
Fraiture, Eddy, Belfries in Flanders, lecture...1007
Francillon, Ward, symposium 2013.............615
Frank, Mark.......................................................615
portrait............................................................616
Fraser, John, of Worcester
lantern clock.....................................................600, 758, 892, 1048
Fraser, Paul, of Joyce of Whitchurch.........687
Frederick, Prince of Wales..........................1146
Freedon, Wilhelm von.................................949, 951
Freemasonry, Swiss lodge in London........700
French clocks
Beauty, Precision, and Craftsmanship
in French Clocks, symposium...............766
Friedberg
aerial view..........................................................664
Altstadtfest Friedberger Zeit.........................795
early history of..............................................663–5
female makers in...........................................678–9
Friedberg – a centre of watch and clock-
making in seventeenth and eighteenth
century Bavaria, Alice Arnold-Becker
Part 1 .................................................................663–82
Part 2 .................................................................783–95
influence of Augsburg on.........................665
View from the South, 19th century...............682
view of, 1701.....................................................678
ANTIQUARIAN HOROLOGY

Fiedberg, continued,
watchmaking in
early……………………………………….665–6
seventeenth-century……………………666–7
eighteenth-century…………..677–82, 783–94
decline of…………………………………794–5

Frodsham
chronometer, box, India list
nos. 0044 8-day, 3387, 5024………………1121
nos. 3392, 3908, 5025…………………..1119
no. 5157……………………........……...1124

Frodsham and Keen, of Liverpool, marine
chronometer, order from Kullberg………643–4

Frodsham, Charles, & Co…………………………763
Frodsham, Charles, of London
chronometer, box, India list, no. 3038……1118
chronometer, marine, no. 2519……………748, 1046
pocket chronometer, no. 06888…………..897

Frodsham, William Edward, of London,
chronometer, marine, no. 2…………………757

Frodsham, William James, see Parkinson and
Frodsham

Fromanteel, Ahasuerus, of London
dial made into skinner……………………702
longcase clock, “Messer”…………………..745
musical clock……………………………..932

Fromanteel, John, of London
bracket clock, ebony, Dutch striking……1057
dial plate, 10¾" stolen…………………...1021
frontispiece, see book, title page

Fuller, [William?], of London
bracket clock, ¼ repeat, ebony…………..747, 897
Fürstenfelder, Benedikt, of Aichach and Friedberg
clock watch (at Aichach),
¼ striking and alarm…………………...783–4
dial watch………………………………783
table clock (at Friedberg)
¼ chiming…………………………………784–6
musical, ¼ striking, alarm………………784
watch (at Friedberg), minute repeat……787

Further reading 721–6, 867–73, 1015–21, 1160–8
AFAHA Revue……………………………..721, 1015
ANCAHA Bulletin………………………721, 1016
Bulletin of the British Sundial Society………………721–2, 867–8, 1016–17, 1160–2
Bulletin of the Scientific Instrument
Society……………………………………1164
Horological Journal
……………………………………723, 868–9, 1017–18, 1163–4
Horological Science Newsletter……………724, 1162
Klassik Uhren……………………………..725–6, 873, 1021, 1164
La Voce di Hora…………………………873, 1020
QP Magazine……………………………..868, 1163
Self-winding watches…………………...726
TIDdschrift……………………………724–5, 873, 1020–1, 1164
Watch & Clock Bulletin………………….869–72, 1018–20, 1165–8

Furtwangen
Deutsches Uhrenmuseum…………………..769–82
history of………………………………769–74
Landesgewerbehalle……………………772

G

Gail, Matthias, of Friedberg…………………673–7
bureau clock, musical……………………673–4
night clock…………………………………674–6
plate clock…………………………………676–7
Gale, Mostyn, portrait……………………616
gallery clock, Willard, Simon, of Roxbury…986
Ganival and Callard, of London, springers…642
Gardner, Robert, of London,
chronometer, box, no. 5/4186, 8-day……1123
Garnier, Paul, of Paris……………………857
watch fusee engine (atelier of)……………887
Garnier, Paul, junior, of Paris…………….1077
Garnier, Richard, book review……………1137–41
Garrard, F.J., of Louth,
balance, compensation……………………960
gearing, right-angle…………………….1075
Trostembergh, Nicolaus de, of Brussels,
table clock……………………………..1067

Geminianni, Francesco, composer………938
Gent, Rob van……………………………1152
geodesy (see also survey)…………………..1081
geographical clock, Rinderle, Thaddäus…771, 774
George Daniels Educational Trust………..912
George IV, King……………………………627
Georgéon, François, and Frédéric Hitzel
(eds), Les Ottomans et le temps,
book, reviewed…………………………..684–5
‘German chronometer’, evolution of,
article by Günther Oestmann………..949–63
The German Clock Museum, Furtwangen –
160 years of collecting,
Prof. Eduard C. Saluz……………………769–82
German Hydrographical Institute,
see Deutsche Seezarte
Germany, chronometer numbers in use……962
Gerwig, Robert……………………………..769
Gibbons, Michael………………………….996
lecture report……………………………...861
tour report………………………………..861–2
Gibbs, James, of Coventry, watch jeweller
life of………………………………………1089–90
working methods, 1093–1095, 1098–1100, 1106
Gill, William, of Maidstone,
turret clock, Yalding, Kent………………862
Gillett & Co., of Croydon, turret clock
Birmingham, Council House (‘Big Brum’)…864
Marston Trussel, Northants………………1002–3
Gillett and Bland, turret clock,
Brenchley, Kent, All Saints………………862
Gillett and Johnston, turret clock,
Bury St Edmunds, St Mary’s church……..1158

fuze
igniferous………………………………….999
time delay…………………………………999
Gillibrand, Leighton
  Buying clocks at auction, lecture.............1006–7
  The Porrvis clock revisited, response.......711–14
  The Porrvis clock: Again, response.........1012
gimballer, Ottway, of Clerkenwell............642
Glasby, John,
  lecture reports..........................704–6, 860–1, 1004, 1155
Glashütte, precision clocks and makers in..687–9
Gledhill-Brook, time recorder, no. 70527....704
globe, mechanical terrestrial
  Noll, August, of Villingen..................778
  Timby’s Solar Time Piece, no. 36.........607
Glover, chronometer, box, no. 385............1119
Goertz, Hermann, of Glashütte,
  precision pendulum clock....................688
golden number...............................829–31
Gomp, Michael van
  Hubert Sarton of Liège, lecture........1007, 1008
Gorey, Sir George................................1142
Gorey, Charles, religieuse....................777
Gould, Lt-Cdr Rupert T., The Marine
  Chronometer, its History and Development..990
Gout, Ralph, of London, pedometer..........705
Government property mark, see broad arrow
Graham, George, of London....................763
  regulator, longcase, no. 767..............759, 903
tavern clock, no. 575...........................1158
watch, (probably a forgery), ¼ repeat.....1134
grande sonnerie, see striking, grande sonnerie
Grant, George Gregor, of London,
  patent, no. 2198...............................1083–4
graph of serial numbers, Barwise, of London.632
Gray, Anthony....................................615, 616
Gray, Benjamin, and Justin Vulliamy.......699, 700
tavern clock, shield, black lacquer.........756
Greaves, Dr Ian, A study of English
  watch jewelling...............................1029, 1059, 1085–1106
Green, Andy......................................1141
Greenwich Meridian................................857
Greenwich, Royal Observatory, see observatory: Greenwich
Gregg, Francis, of London
  bracket clock, ebony, timpiece, ¼ repeat..599
Gregory, Jeremy, of London
  lantern clock..............................600, 758, 892, 1048
Gretton, Charles, of London
  bracket clock...............................1052
clock, unspecified type, c. 1690............840
  The Grettion Project, letter..............1160
Grey, Sir George................................1132
Grice, William, lecture report..............706–7
Gruebghach, Richard, of Glashütte..........957, 959
  balance, compensation.....................960
Griffin, of Islington, springer..............642
Griffiths, John..................................1106, 1152
  book review..................................845–6
Grimbergen, Kees...........................1152
  lecture........................................1007
Grimthorpe, Edmund, 1st Baron..............860–1, 1010
Grimthorpe, Ernest William, 2nd Baron.....860
Grimwood, Peter, Orreries, lecture........1004
  Groot-Magens, Silke, Claphams National
    Clock Museum, New Zealand..............838–40
  Grossman, Karl Moritz, of Glashütte,
    precision pendulum clock................688
  Groufsky, Jane, Skinner, and Smith, Auckland
    War Memorial Museum, New Zealand......1131–6
  Gruner, of Glashütte,
    precision pendulum clock.................688
Gudin, Pendule au Taureau....................777
  Guillaume, Charles Edouard................959
  balance, compensation, nickel steel......960
Gurk, Joseph....................................863
Gutkaes, Johann Friedrich, of Dresden.....951
  watch.........................................779

H

Habrecht, Isaac, of Strasbourg..............931
  musical clock, sixteenth century.........930–1
Hahn, Philipp Matthäus, of Echterdingen
  astronomical clock, double globe........774
  planetarium, Copernican..................770
  watch........................................779
handspring, see balance spring
Halifax moon, Seddon, Daniel, of Frodsham,
  longcase clock................................596
Hamburg Chronometer Works..................961
Hamilton, Emma, Lady.......................861
Hand maker, Pendleton, of Prescot.........642
Handel, George Frideric.....................929, 938, 939, 947
Hanneke, Johann Christian..................950
Hanover, chronometer use in.................950
Hanzo, Hosokawa, Karakuri Zui, book (1796),
  translated and edited, reviewed...........683
Happler, Franz Xavier, of Friedberg, Friedberg
  from the South, 19th century watercolour..682
Happler, Leonhard, of Friedberg............795
Happler, Philipp, of Friedberg
  business register............................793–4
  portrait......................................790, 791
  watch, automaton, St Hubertus...........791–3
Harben, Thomas, of Lewes..................706
Harden, James, of Philadelphia,
  longcase clock................................871
Hargreaves, Sarah............................973
Harris, chronometer, box, India list, no. 678..1117
Harris, Christopher, of London
  longcase clock, miniature, walnut.......889
Harris, engraver (Kullberg outworker)......642
Harrison, James, of Barrow,
  longcase clock, 1727.......................617
Harrison, John
  Decoding Harrison. A second in 100 days...
    conference, 12 July 2014..................763
A Description Concerning such
  Mechanism ..................................763
  exhibition, Leeds...........................617
  H1, replica by Len Salzer...................763
  H3...........................................990
  H5..........................................1061
Harrison, John, continued,
_The John Harrison Appeal_ ........................................ 617
longcase clock, 1727
(made by James Harrison) ......................................... 617
timekeepers ................................................................ 764
Harrison Research Group ..................................763
Hartek, Josef, of Vienna, wall clock, _Dachluhr_ .......... 886
Hartlib, Samuel .................................................... 932
Hartloop, Jannetje Harmens ...............................1009
Harvie, Captain .................................................... 626
Häsim, Ahmet, poet, valediction for ‘Muslim Time’ .... 685
Hasius, Isaac, of Haarlem, longcase clock ............... 709
Hatton, chronometer, box, India list, nos. 270 8-day, 633.. 1117
Hayard, Michel .................................................... 1152
Head, John, of Philadelphia, clock case maker ..........847
Hearsey, Theophilus ............................................... 623
Heckel, Johann, of Friedberg ................................. 787
‘Lecekh J. London’ ............................................... 788–9
watch
half-quarter repeat .................................................... 788, 789
minute repeat .......................................................... 787–8
Hendry, J., of Leicester, turret clock, Stoughton.... 1003
Hessey, chronometer, box, no. 1553 ......................1119
Henlein, Peter, of Nuremberg, watch (attrib.) ....... 910–11
Herbert, Cornelius, of London, longcase clock, month, marquetry case ......................... 735
Henne Bay, tower clock ........................................... 1155–6
Heron, Alexander, of Newtownards, longcase clock .................................................. 871
Herrliberger, David, of Zurich, engraver ............... 776
Herz, Rear Admiral Alfred .................................... 958
Hesse, Landgraf of .................................................. 1145
Hewitt & Son, of London
chronometer, box, no. 4789, 8-day .................. 1114, 1118
Hidedata, Tokugawa, Shogun ............................... 1063
Higgins, Keith, demonstration ................................ 1156
Higgins, Richard .................................................... 942
Higgitt, Rebekah, see Dunn, Richard, and Rebekah Higgitt
Hilger, Werner ....................................................... 782
Hisashige, Tanaka, _Man-nen dokei_ ......................... 1062
Hitzel, Frédéric, and François Georgeon (eds), _Les Ottomans et le temps_, book, reviewed. 684–5
HMS, etc, see ship
Hobbins, Jeremy ................................................... 698
Hobbs, Linn, portrait ............................................... 616
Hodges, Edward, of Spalding
lantern clock ......................................................... 600, 758, 892, 1048
ten Hoeve, Johan, and David Thompson, _A Flemish clock at the Shogun’s Shrine_ 1063–76
Hohmann, Frank L. III, see Fennimore, Donald L., and Frank L. Hohmann III
Höhn, Karl W., of Glashütte, precision pendulum clock .................................................. 688
Hollis, Geoffrey ...................................................... 1158
Holman, John, of Lewes .................................... 706, 707
Honey, George, coachman ................................ 645
hoop and spike clock
Simecek, Henry, of Daintree ............................... 896
_Hope_, depiction of with Gen. Wolfe on watch 1035
Horn, Wilhelm, of Glashütte, precision pendulum clock .................................................. 688
Hornby, Richard, chronometer, box, India list, no. 1014........ 1119
Horner, Geoff, _Stanley J. Wise, lecture_ ............... 863–4
_Horological Journal_, see Further reading _Horological News_ .............................................. 615–17, 762–6, 908–12, 1061–2
_The horological world of François Arsène Margaine, Thomas R. Wotrub_ 807–26
_horologium_, early references to .......................... 655
Horseman, Stephen, see Quare and Horseman
Houdin, Eglantine ............................................... 797
Houdin, Jacques-François, de Paris ................. 797–9
hour-angle watch, Longines ................................. 998
Hour, Charles, of Paris ........................................ 819
hour-glass, illustration,
‘Loss of Time’, wood-cut print, 1532 .................... 620
hour systems, variations in across Europe .......... 660
_The House of Kullberg_, Alun C. Davies .............. 635–48
How, Douglas, _John Jullion – Brentford clockmaker_, letter (research request) ........ 1014
Howgrave-Graham, R.P ....................................... 858
Hubert, Pascal, of Rouen, watch, enamelled case, alarm ........................................... 1134
Hughes & Son, chronometer, box, India list, no. 1428/2082 ........................................ 1123
Hughes, chronometer, box, India list no. 1463 .......................................................... 1113, 1123
no. 1470 .............................................................. 1123
Hughes, Henry, & Son, of London ................. 865
Hughes, Henry, of London, chronometer, marine, no. 1022 ........................................ 643
Huguenot community in London .................. 699, 700
Hume, chronometer, box, no. 2050 ..................... 1119
Hunsdon, Edward, of Chelmsford
lantern clock ........................................................ 600, 758, 892, 1048
Hunt, Dr Hugh, _The Trinity College Clock and much more_, lecture .................................. 860–1
Hurrien, Christopher ........................................... 996, 1061
Hurst, Jacqueline .................................................. 614
Hurst, Michael ...................................................... 614, 1152
Hutchinson, Beresford ...................................... 719
Hutchinson, Robin
lecture reports ..................................................... 701, 859, 860, 1002
visit and tour reports ................................. 859–60, 1002–4
Hutton, see Kelvin, White, & Hutton, of London
Huygens, Christiaan
_Horologium_ ....................................................... 717, 718
_Horologium Oscillatorium_ (1673) .................. 717, 718
leyasu, Tokugawa, Shogun.........................1063, 1075
I.H. (Isaac Habrecht), musical clock..............930–1
Ilbery, William, of London, table clock, petite
sonnerie, singing bird, “The Enchanted”........1045
Ilton, Hamish, Isaac Simmonds of Manchester,
letter (research request)..........................866
India
Government Property Mark (broad arrow).1112
Great Trigonometrical Survey 1108, 1109, 1110
observatories established in.......................1109–10
table of box chronometers supplied to........1116–24
Ingold, Pierre Frédéric,
partnership with Barwise.........................627, 628
instrument maker, Bürgi, Jost....................842–3
International Watch Company (IWC)
calibres 57 and 65........................................997
Die Unternehmensgeschichte von IWC
Schaffhausen - ...., by David Seyffer,
reviewed...................................................843–4
invar................................................................959
Isaac, chronometer, box, no. 1770 8-day........1118
Isaac b. Sid, mercury clock........................658
ITT, of Freiburg, IC manufacturer................780
IWC, see International Watch Company

J
Jack, striking, Orvieto.................................660
Jackson, Barwise & Co., of Sydney.................626
Jackson, William, of Loughborough,
lantern clock............................600, 758, 892, 1048
Jacot, Henri, carriage clock, no. 10272,
LeRoy’s bottom wind, alarm, repeat..........747
Jaeger-LeCoultré, Atmos clock, Reuters........1054
James, Edward........................................1006
Janvier, of Verdun, ‘Capucine’ alarm, no. 117..749
Japan, trade and isolation..........................1063
Japanese clock.........................................1132
Edo period, Karakuri Zui, book, reviewed.....683
maka-oki doki........................................899
Man-nen doki, Hisashige, Tanaka, 1851, 
and replica................................................1062
sea-oki doki, Touzo, Toda...........................1062
japanned case, see lacquered case
Japy, Émile...............................................816
Japy Frères, of Beaumont................................820
mantel clock, no. 7678, porcelain panels,
stolen..................................................720
Jardine, Professor Lisa................................762
brief biography.......................................854–5
portrait....................................................855, 1060
From the President..................................1060
JD, watch case maker’s mark.......................714, 715
JDB, watch case maker’s mark.....................849
Jean-Eugène Robert-Houdin (1805–1871),
From mechanical to electrical horology,
Françoise Collanges...............................796–806
Jenner, Joachimo, agent............................794
jewellery, Scandinavian,
illustrations in scrapbook.......................979, 983
jewelling
A study of English watch jewelling,
Ian Greaves.................................1029, 1059, 1085–106
abrasive powders....................................1093–4
Coventry trade, development of....1102–4
drills and openers....................................1096–7
grinders, truers-up and smoothers............1095
lathes....................................................1092–3, 1099
materials................................................1090–1
mills and skives.....................................1095
pestle and mortar.................................1094
polishers..............................................1098–6
prices....................................................1088
process of making a jewel hole...........1097–100
rubbed-in...........................................1105–6
ruby fragments and pebbles...............1029, 1059
settings...............................................1091
Swiss developments in..........................1104–5
turners, diamond................................1093
watches..............................................1100–2
workshops and tools..............................1091–2
Johannsen, Assmus, & Co., of London
chronometer, box, numerous listed........1118–22
chronometer, marine, no. 3837.................1115
Johnson, Kenneth..................................948
Johnston, Ken, and Philip Priestley,
Further reading...................................869–72
Jones, Florentine Aristo.............................844
Jones, Henry, of London, bracket clock, 
arhitectural case.................................1048
Jonson, Ben, Bartholomew Fair...............661–2
Jordan, Austin, see Barnes, Nigel, and A. Jordan
Jordan, Timothy, of London,
watch, no. 1579, repoussé case...................898
Joslin, Gilman, of Boston,
globe for Timby’s Solar Time Piece, no. 36...607
Journal de l’Horlogerie Française.................818–19
journeyman clock,
Adams, George, of London.....................705
Joyce, George, of London and Bristol, patent...935
Joyce, James, of Whitchurch......................686
Joyce, J.B., of Whitchurch, regulator, wall.....1047
Joyce, Norman, of Whitchurch....................686
Joyce of Whitchurch, Clockmakers, 1690–1965
Steve and Darlah Thomas
book, reviewed....................................685–7
lecture..................................................864
Joyce, Thomas, of Whitchurch, turret clock....686
Joyce, William, of Coekshut.......................868
The Judgement of Paris..........................670–1
Jullion, John, of Brentford,
John Jullion – Brentford clockmaker,
letter from Douglas How......................1014
Junghans, of Schramberg.........................779
Mega 1, radio controlled wrist-watch...........782
Jürgensen, Urban, of Copenhagen, chronometer,
marine, no. 111 (Kullberg no. 1571)..............643
K

Kachel, Ted.................................................1006
Kanis, of Glashütte, precision pendulum clock.............688
Karagöz, The confusion of the hours, drawing..............684
Karakiri-ningyo, automaton......................................1062
Kazu Muraaki, Japanese automata.
Karakuri Zui: ......................................................683
Keeling, of London, turret clock................................704
Keen, R. J., of Liverpool, see Frodsham & Keen
Kelley, C. Stuart..............................................866–7
Kelly, Jonathan, portrait........................................617
Kelvin and Wilfrid O. White Co, of Boston and
New York, chronometer, marine, no. 9978..................865
Kelvin, Bottomley, & Baird
chronometer, box, India list
nos. 9548, 9549, 9802.............................................1123
no. 10858..............................................................1124
Kelvin, White, & Hutton, of London
chronometer, mantel, no. 604, 8-day.............................................891
Kemp, William, of Lewes....................................706
Kendall, Larcum, of London, blue plaque to..............765
Kershaw, J., of Oldham, longcase regulator.............1047
Kersing, Victor, and Rob Memel, Salomon Coster, lecture...............................................1009
Kersten, Paul H.M., lecture report..........................1007–9
Kessels, Heinrich Johann, of Altona..........................951
key drawer, on bracket clock by, Fromanteel, John, of London..............................................1057
key, winding, original
Cox, James, of London, musical clock............................834
Dent, Frederick, of London, no. 1413?......................732
Keys, of London
chronometer, box, India list
no. 886..............................................................1121
no. 9738..............................................................1124
chronometer watch........................................................................898
Kienzle
calibre 627, electromechanical........................................780
collection, acquisition by the state of Baden-Württemberg..................................................773
King, Andrew.......................................................996
book review.........................................................................1143–4
Dingwall-Beloe lecture, 2014, Winners and losers, advertised..................................................1023
Kingston, Duke of, Tompion repeating watch. 1146
Kinnis, Marion........................................................971
Kinnis, Roger, Douglas Bateman, and Lesley Abell, Time balls at Greenwich and
Adelaide – a direct personal connection. 964–72
Kirkpatrick, Ron
Baillon, Paris, letter (research request).............................867
follow-up............................................................................1160
Kistner, Adolf.........................................................772
Kittel, Adolph August, of Altona.................................956–8
balance, compensation..............................................957–8, 960
chronometer, marine
experimental........................................................................957
going barrel...........................................................................957, 960
no. 269...............................................................................957
Kittel, Adolph August, of Altona, continued,
escalation, constant force.................................................957
escalation, pivoted-detent.................................................957, 958
Kloottrup, N., GI Asmild på Viborg,
watch-paper......................................................................849
Knibb, John, of Oxford,
bracket timepiece, ebony, ¼ repeat..............................1031
Knibb, Joseph, of London
bracelet clock
 ebony, ¼ repeating........................................884–5, 1037
olivewood, skeleton chapter ring........................................612
Roman striking, silver mounts,
velvet-covered dial..............................................................736–7
longcase clock, walnut.....................................................1032–3
Knibb, Joseph, of Oxford
longcase clock
1670........................................................................1005
ebonised, architectural case.............................................751
Knifton, Thomas, of London.......................................710, 713
Knight, Henrietta............................................................798
Knight, Susan..............................................................614, 994
AHS Study Tour 2014......................................................697
Knirr, Konrad,
Military Time on the Ground, lecture........................996–7
Knoblich, Theodore, of Altona
chronometer, marine.......................................................963
Kullberg, Victor, of London, dealings with..................640
Koç, Gülşin Tunali..........................................................685
Kocotzi, Johann Goetz, of Berlin,
entrepreneur.........................................................................793
Koetsier, Teun,
Leavis Mumford revisited, lecture.................................709
Kohl, Carl Bernhard, of Glashütte.................................957
Kreiser, Klaus.................................................................684
Kreitmayr, Elias, of Friedberg.................................667–70
table clock...........................................................................667–8
quarter striking......................................................668–70
watch................................................................................669–70
Kreitzer, Conrad, or Hans Christoph,
of Augsburg, automaton table clock..........................1053
Kullberg, Victor, of London,
annual value of work and stock.................................646
archives...............................................................................635, 637–48, 1111
balance, compensation
first auxiliary.................................................................960
second auxiliary.................................................................960
chronometer, box, numerous listed.............................1118–24
chronometer, marine.........................................................963
Dent, M.F., of London, no. 29735, 8-day..........................591
nos. 1363, 1378, 1571, 4205, 4341, signed for other makers........643
no. 3715...........................................................................643, 644
no. 4070, production of......................................................642
no. 4146.............................................................................1113
no. 5127 (G. Mager no. 87)...............................................640
no. 7956.............................................................................1113
no. 9978, Kelvin & Wilfrid O. White Co.865
no. 1429.............................................................................643
chronometers, mean rate of.............................................636–7
contacts and agents.............................................................644
dealings with Knoblich, of Altona.................................640
lantern clock, by, continued,
Jackson, William, of Loughborough;
Lindsey, John, of Nayland;
Loomes, Thomas, of London;
Lovelock, Charles, of Warminster;
Marsh, Humphrey, of Highworth
.............................................600, 758, 892, 1048
Mell, Davis, of London, miniature striking...
.............................................883
Newton, William, of East Smithfield
.............................................758, 892, 1048
Ogden, James, of Soyland.................600, 758, 892
Selwood, William, of London...............1126
Snashall, John, of East Grinstead..........1048
Stevens, Henry....................................708
Stone, John;
Stribling, Benjamin,
of Stowmarket.................600, 758, 892, 1048
Tomlinson, William, of London........758, 892
Tracy, Richard.................................600, 758
Trippett, Robert, of London;
Warner, John,
of Draycott (Worcs)...........600, 758, 892, 1048
Webster, Henry, of Aughton (Lanes).....600, 758
Wheeler, Thomas, of London.............600
Wright, John, of Mansfield.............600, 758, 892, 1048
Lattey & Co., of London....................629, 631
bankruptcy.....................................634
Lattey, Robert John..............................629
Law, Rodney.......................................1106, 1157
Le Moyne, Pierre, De l’Art des Devises (1666). 776
‘Leckeh J. London’, see Heckel, Johann
lecture report (see also symposium)
Ayres, Chris, Restoration of a Marquetry
Longcase Clock.......................................701
Bundock, Mike, The Tower Clocks of
Herne Bay and Margate.........................1155–6
Cockrell, Dorothy, Enamelling.................701
Coote, Ian, Hague clocks......................705–6
Cowan, Dennis, The Ancient Sundials
of Scotland........................................700–1
Cowham, Mike
The Golden Age of British
Clockmaking 1650 to 1750.....................1004–5
Unusual Mechanisms..........................704–5
de Clercq, Dr Peter,
Editing ‘Antiquarian Horology’.............859
Edwards, Richard, The Invention and
Early History of the Wristwatch.............861
Fraiture, Eddy, Belfries in Flanders........1007
Gillibrand, Leighton,
Buying clocks at auction.....................1006–7
Gompen, Michael van,
Hubert Sarton de Liège.........................1007, 1008
Grimwood, Peter, Orreries......................1004
Horner, Geoff, Stanley J. Wise.............863–4
Hunt, Dr Hugh, The Trinity College
Clock and much more..........................860–1
Knirin, Konrad,
Military Time on the Ground................996–7
Koetsier, Teun, Lewis Mumford revisited....709

L
lacquered case, longcase clock, by
Ebsworth, John, of London,
month duration, ¼ striking......1132–3, 1136
lacquering, What is Ornament?,
letter from Chris Schouten...............1014
LaCroix, Philippe Léonard...............808
Lads, Alfred........................................686
Lambton, Col. William....................1112
Lancashire Watch Company,
large collection of watches by, stolen....720
Lancaster & Son, of Plymouth Dock,
watch, no. 384, rack lever, stolen.....720
Landes, David.................................657–8
obituary........................................908–9
portrait.........................................908
Revolution in Time: , book...........908–9
Lane, Julie........................................1076
Lange & Söhne, A., of Glashütte........959
chronometer, marine, production of.....961
Lange, Adolphe, of Glashütte,
precision pendulum clock...............688
lantern clock
Early Lantern Clocks,
lecture by Alfred Thomas...............707–8
A miniature Italian Lantern Clock,
John A. Robey.........................1125–9
lantern clock, by
Ames, Richard, of London, alarm.....1135
anonymous.......................................708
Bagley, Thomas, of London..............758
Barlow, William, of King’s Lynn
.............................................600, 758, 892, 1048
Barrow, Henry, of Maidstone, arch dial..1135
Clay, Charles, of London................948
Coxeter, Nicholas, of London..........600
Fraser, John, of Worcester........600, 758, 892, 1048
Gregory, Jeremy, of London
.............................................600, 758, 892, 1048
Hodges, Edward, of Spalding;
Hunsdon, Edward, of Chelmsford
.............................................600, 758, 892, 1048
Kullberg, Victor, of London, continued,
The House of Kullberg, Alun C. Davies, 635–48
life of................................................635–6
organisation and production methods.....638–9
output and numbering.......................637–8
outworkers.......................................642
portrait........................................636
prices charged by.............................643–4
repair work........................................645–6
service to individual clients............644–5
trade card........................................637
workbook, chronometer, marine,
no. 5127 (G. Mager no. 87).............640
Kundo..............................................782
Kunzler, watch..................................998
Kurth Frères, of Grenchen, wrist-watch......997
Letters to the Editor, continued,
Buckinghamshire makers,
Tim Marshall.................................714–15
Early English clocks, Bren Calver.............716
Greenwich time ball, Douglas Bateman........1014
The Greton Project, Dennis Radage,
Warner Meinen, and Lalita Radage...........1160
The Invention of the Pendulum Clock
Sebastian Whitestone........................716–18
response from Jonathan Betts...........718–20
Isaac Simons of Manchester,
Hamish Iton........................................866
John Jullion – Brentford clockmaker,
Douglas How......................................1014
John Smeaton of Leeds, Chris Watson........1014
Kullberg chronometer, Chris Schouten........865
response from Alun C. Davies.................865–6
Phillips, London, Douglas Robinson........1159
The Porrvis clock revisited,
Chris Schouten.................................710–11
response from Leighton Gillibrand...........711–14
The Porrvis clock: Again,
Chris Schouten....................................1011–12
response from John Robey and
Leighton Gillibrand..............................1012
Roman or Arabic?, Peter de Clercq........1160
Rotate/recofle, Peter de Clercq...............866–7
A Spanish clock dial,
Victor Pérez Álvarez............................1015
Strob escapement, John Wilding..............1012–14
What is Ornator?, Chris Schouten..........1014
Lewes, Researching Lewes Clockmakers,
lecture by Marion Smith.........................706–7
library, AHS, see AHS: Library News
Lieberstein, Frank von, of Hamburg...........954
Light, G.T., Adelaide architect................969
Lilley, chronometer, box, India list,
os. 1589, 4344....................................1124
Lindberg, Charles..................................998
Lindig, Otto, of Glashütte,
precision pendulum clock.........................688
Lindner, Ferdinand...............................954
Lindsay, Robert L., Clockmannsire's
Clockmakers and Public Clocks,
book, reviewed.....................................689–90
Lindsey, John, of Nayland
lantern clock.....................................600, 758, 892, 1048
Limard, William....................................1152
book review.......................................987–8
De Amissione Temporis: Loss of Time...618–20
Linstead-Smith, Peter.........................996, 1116
Litherland, Whiteside, of Liverpool,
watch, no. 6699, rack lever, stolen...........720
Little, J.A.G., portrait, 1872....................966
London & Eastern Banking Corporation.....629
long duration, month,
Dent, of London, no. 61257, wall regulator..746
long duration, month, longcase clock, by
Delander, Daniel, of London, equation
of time, semi-perpetual calendar..............703–4

lecture report, continued,
Memel, Rob, and Victor Kersing,
Salomon Coster.....................................1009
Nye, James, Bang on Time.................999–1000
Penney, David,
The faking of English watches...............1153–4
Platt, Nigel,
The Clock that saved Great Britain...........998–9
Priestley, Philip, Captain Cook, Venus,
and a Great Discovery.........................1002
Read, David
Observatory Time by Radio...............856–8
The Race to Develop a
Quartz Watch.................................1157–8
Time Management in the
Frontlines of War...............................997–8
Read, Matthew, Projects at West Dean.....862–3
Rooney, David, Selling Time...............860
Rowley, Chris, Hand Engraving..............1005–6
Scobie-Youngs, Keith
Recent Projects...............................864
The Turret Clocks of Salisbury,
Wells, and Rye......................................858–9
Shinnie, Ian, Alexander Bain..................709
Smith, Marion,
Researching Lezes Clockmakers...............706–7
Smith, Roger, Justin Vulliamy and
the Swiss Community.........................699–700
Still, Roger, The Verge Escapement in
English Clocks.................................1157
Thomas, Alfred, Early Lantern Clocks.......707–8
Thomas, Debbie, and Ray Addison,
Langford Museum of Pozer....................1155
Thomas, Steve and Darlah, Joyce of
Whitchurch – Clockmakers 1690–1965........864
White, Ian, The Life and Collection of
Gustave Loup......................................862
Lee, Fred, of Coventry..........................1106
portrait.............................................1105
Lee, Ronald A.......................................1137–8
Lefaucheur, of Paris, bracket clock............766
‘Legeips, of London’, see Spiegel, Joseph, of
Friedberg
Leicester, Abbey Pumping Station.........1003–4
lenticle, longcase trunk door
Ebsworth, John, of London,
month duration, ½ striking....................1132–3, 1136
Herbert, Cornelius, of London,
month duration, marquetry case.............735
Knibb, Joseph, of London, walnut............1032–3
Windmills, Joseph, of London,
olivewood and parquetry......................1038
Leopold, John II.....................................718
Lepaute, of Paris, mantel clock, ormolu....610
Le Roy, carriage clock, base winding........704
letter, domincial.....................................827, 828–9
Letters to the Editor
........................................710–20, 865–7, 1011–15, 1159–60
Bailion, Paris, Ron Kirkpatrick..............867, 1160
Bauweise pocket watches,
Allan C. Purcell.................................714, 715
long duration, month, longcase clock, continued,
Ebworth, John, of London,
lacquer case, ¼ striking..............1132–3, 1136
Herbert, Cornelius, of London,
marquetry case.................................735
Windmills, Joseph, of London,
olivewood and parquetry.................1038
long duration, year
Berthoud, Ferdinand, regulator.............775
long duration, year striking table clock
Clay, Charles, of London.....................948
Meigh, Moses, of London.....................948
longcase clock (see also regulator, longcase)
Maintaining Longcase Clocks:
An Owner's Guide ..., book, reviewed...690–1
miniature, walnut..............................889
sub-miniature, 24.5° high.....................747
longcase clock, case, see lacquered case;
marquetry case
longcase clock, made by
Barber, Jonas, of Winster,
no. 521, 30-hour, oak.........................738
Bloemmendal and Zoon, of Zwolle........1007
Clay, Charles, of London.....................937
quarter striking...............................948
Clowes, James, of London,
walnut architectural case....................604
Deacon [attributed], musical automata......875
Du Chesne, Claude, of London, alarm.....1038
Dutton, Matthew & Thomas, of London,
no. 285, enamel dials.........................902
Dutton, William, of London,
¾ chiming grande sonnerie..................1039
Ebworth, John, of London,
month, lacquer case, ¼ striking1132–3, 1136
Fitzer, Benjamin, of Worcester.............702
Fromanteel, Ahasuerus, of London,
“Messer”...........................................745
Harden, James, of Philadelphia.............871
Harris, Christopher, of London,
miniature, walnut.........................889
Hasius, Isaac, of Haarlem....................709
Herbert, Cornelius, of London,
month duration, marquetry case.........735
Heron, Alexander, of Newtonwards......871
Joyce, William, of Cockshutt................686
Knibb, Joseph, of London, walnut........1032–3
Knibb, Joseph, of Oxford
1670.................................................1005
ebonised, architectural case..............751
Maartens, of Gent.............................1009
Mainman, William, of Beverley,
unusual moon.................................702
Pinchbeck, Christopher, sen., of London.937–8
Scafe, William, of London, apparent time..775
Seddon, Daniel, of Frodsham,
oak, ball moon..................................596
Stanton, Edward, of London, marquetry...1043
Stretch, Peter, of Philadelphia.............846
Toulin, of London, sub-miniature...........747
Vulliamy, of London, no. 354, mahogany.592–3
longcase clock, made by, continued,
Walsh, Robert, of Dalkeith..................1002
Willard, Simon, of Roxbury..................985
Wilmshurst, Ninyon, of Brighton...........912
Windmills, Joseph, of London, month
duration, olivewood and parquetry......1038
Yates, II., of Liverpool.....................1132
Longines
hour-angle watch....................................998
watch, 1873............................................779
Longitude, Board of, adjudication over
Arnold/Earnshaw dispute.....................626–7
longitude, ‘Discovery’ of.........................1143–4
Loomes, Thomas, of London
lantern clock.................................600, 758, 892, 1048
Lottich, Jacob.......................................661
Lound, Andrew.....................................859
Lovelock, Charles, of Warminster
lantern clock.................................600, 758, 892, 1048
Lowndes, Jonathan, of London,
musical clock.................................932–3
Lowther, T.N., clock case maker.............904
lubrication..........................................912
lunar indication
Cox, James, of London, musical clock.....835
Fürstenfelder, Benedikt, of Aichach
and Friedberg
coach watch, ¼ striking and alarm.........783–4
complex table clock.........................784–6
Margaine, of Paris, carriage clock,4415.....813
Pfaf, C., table clock............................1135
Sarton, Hubert, of Liége, table clock......1008
wooden clock from Abbey of St Peter..733, 774
lunar indication, bracket clock, by
Mayr, Johann Georg, of Munich..........605
lunar indication, longcase clock, by
Mainman, William, of Beverley.............702
Seddon, Daniel, of Frodsham.................596
Stretch, Peter, of Philadelphia.............848
lunar indication, unusual drive
Mainman, William, of Beverley.............702
Lundqvist, Raymond.........................647
Lundqvist, Sanfrid.............................636, 647
Lynch, chronometer, box, no. 5000........1124
lyre clock
Cronier...............................................777
French, porcelain, striking, c. 1880........604

M
Maartens, of Gent, longcase clock...........1009
McCabe, James, of London
carriage clock
no. 2927, giant striking......................611
no. 3506, fusee, hour repeat.................1036
chronometer, box, India list
nos. 354 8-day, 518............................1120
no. 427.............................................1119
nos. 430, 445, 460, 473.........................1117
nos. 466, 467, 472, 481, 521, 522...........1118
MANUFACTURER’S MARK,

MANTLE REGULATOR,
see MANTLE CLOCK

MANNING, WILLIAM...............................................798

MANUEN DOKEI
MAKURA DOKEI
MAKER’S MARK

MAINMAN, WILLIAM, OF BEVERLEY,
MAGER, G., CHRONOMETER, MARINE,
MACKINNON, KATIE, SERVANT.................................645
MACKELVIE, SIR JAMES TANNOCK.........................1132
MCGREGOR, CHRONOMETER, BOX, NO. 4603...........1120
MCKAY, C. G. (CHRIS)...........................................973–83, 1152

BOOK REVIEW..........................................................685–7

PORTRAIT....................................................................616

MACKELVIE, SIR JAMES TANNOCK.........................1132
MACKINNON, KATIE, SERVANT.................................645
MCLAUCHLAN, CHRONOMETER, BOX, NO. 240.........1121
MCNAY, BILL.............................................................996
MADRIGAL SOCIETY (LONDON)...........................624
MÄGER, G., CHRONOMETER, MARINE,
NO. 87 (KULLBERG NO. 5127)..............................640
MAINMAN, WILLIAM, OF BEVERLEY,
LONGCASE CLOCK, UNUSUAL MOON.................702
MAINTAINING POWER, BOLT AND SHUTTER, LONGCASE

DELANDER, DANIEL, OF LONDON..........................703–4
FROMANTEEL, AHASUERUS, OF LONDON,
“MESSER”..................................................................745
GRAHAM, GEORGE, OF LONDON,
NO. 767, REGULATOR...............................................759
KNIBB, JOSEPH, OF OXFORD
1670, FLORAL PANELS............................................1005
EBONISED, ARCHITECTURAL CASE..........................751
STANTON, EDWARD, OF LONDON, MARQUETRY......1043
WINDMILLS, JOSEPH, OF LONDON, MONTH...........1038

MAINTAINING POWER, HARRISON’S

BELL, OF LONDON, ROSEWOOD TRAVELLING CLOCK

DUTTON, WILLIAM, OF LONDON,
LONGCASE, GRADE SONNERIE................................1039

MAKER’S MARK
(SEE ALSO TRADEMARK; WATCH CASE MAKER’S MARK)

“C” WITHIN CROWNED SHIELD CARTOUCHE...........1076

MAKURA DOKEI, JAPANESE CLOCK..........................899

MAN-NEH DOKEI, TANAKA HISASHIGE, 1851,
AND REPLICA..........................................................1062

MANNING, WILLIAM..................................................798

MANTLE CLOCK

BELL, OF LONDON, ROSEWOOD TRAVELLING CLOCK

JAPY FRÈRES, DE BEAUCOURT,
NO. 7678, PORCELAIN PANELS, STOLEN...............720

LEPAUTE, OF PARIS, ORMOLU.................................610

VALOÎGE, OF PARIS, INLAID EBONY CASE,
DAY OF MONTH AND WEEK........................................1034

MANTLE REGULATOR, SEE REGULATOR, TABLE
MANTLE TIMEPiece

PHILLIPS, OF LONDON, NO. 10 394..........................1159

VUILJAMY, BENJAMIN, OF LONDON,
BISCUIT PORCELAIN AND MARBLE........................734

MANUFACTURER’S MARK, SEE MAKER’S MARK;
TRADEMARK; WATCH CASE MAKER’S MARK

MAP OF INDIA

GREAT TRIGONOMETRICAL SURVEY, 1876......1108

OBSERVATORIES ESTABLISHED IN.........................1109

LONDON, 1747..........................................................662

WEST YORKSHIRE, CLAYTON WEST AREA.............933

WESTMINSTER, 1747..................................................662

MAPPEMONDE HISTORIQUE OU CARTE

CHRONOLOGIQUE ..., PARIS, 1750.........................1147

MARGAINE, ARMANDINE, COUTURIÈRE..................807, 808

MARGAINE, FRANÇOIS ARSÈNE, OF PARIS

ADVERTISEMENT..........................................................820

AWARDS AND MEDALS...........................................813–14, 819

BREVETS.................................................................811–12

CARRIAGE CLOCK

LISTED BY NUMBER..................................................822–6
NO. 3488, STRIKE AND REPEAT............................811
NO. 4415, CENTRE SECONDS, MOON AND
CALENDAR, ALARM.....................................................813
NO. 6235, STRIKE AND REPEAT............................811
NO. 6308, MIGNONETTE...........................................812
NO. 7535, GRANDE SONNERIE.............................813
NO. 8320, HALF HOUR REPEAT.............................810
NO. 8989, MIGNONETTE...........................................812

CLOCK PRODUCTION..................................................809

EFFORTS FOR SCHOOL OF HOROLOGY................818–19, 820

THE HOROLOGICAL WORLD OF FRANÇOIS ARSÈNE

MARGAINE, THOMAS R. WOTRUBA..........................807–26

INVOLVEMENT WITH CHAMBRE SYNDICALE........815–21

LATER YEARS..........................................................819–20

LIFE OF.................................................................807–8

TRADE MARK...........................................................809

WORKSHOP.............................................................807–8

MARGAINE, GEORGE.................................................808

MARGAINE, JEANNE VICTORINE...........................808

MARGATE, TOWER CLOCK.........................................1156

MARGETTS, GEORGE, OF LONDON, CHRONOMETER,
BOX, INDIA LIST, NOs. 177 8-DAY, 210 8-DAY....1117

MARINE TIMEKEEPER, SEE ALSO CHRONOMETER, BOX;
CHRONOMETER, MARINE; TIMEKEEPER, MARINE

SULLY, HENRY
1724 (‘C’)..............................................................764
1724 (WCC)............................................................1061

MARQUETRY CASE, LONGCASE CLOCK

HERBERT, CORNELIUS, OF LONDON,
MONTH, BIRD AND FLOWER PANELS....................735

KNIBB, JOSEPH, OF OXFORD,
1670, FLORAL PANELS............................................1005

STANTON, EDWARD, OF LONDON,
BIRD AND FLOWER PANEL.................................1043

WINDMILLS, JOSEPH, OF LONDON,
OLIVEWOOD AND MARQUETRY.........................1038

MARSH, HUMPHREY, OF HIGHWORTH

LANTERN CLOCK.........................................................600, 758, 892, 1048

MARSHALL, STEAM ENGINE........................................1155

MARSHALL, TIM

BUCKINGHAMSHIRE MAKERS, LETTER................714–15

MARTIN, MISS E.G....................................................1134

MARTINOT, BALTHAZAR, OF PARIS, TÊTE DE POUPÉE......777

MARTINOT, ZACHARIE, OF PARIS, WATCH................1134

MASEFIELD, JOHN, POET LAUREATE..........................850

MASKELYNE, NEVIL..................................................1109

OBSERVING SUIT......................................................764

STOP WATCH...........................................................762

MASTER CLOCK

ROBERT-HOUDIN, JEAN-EUGÈNE..........................796, 803

A MASTERPIECE OF JAPANESE CLOCKMAKING........1062

ANTIQUARIAN HOROLOGY
Matthes, Dietrich, *Neue light on old watches* ........................................... 910–11
Matthews, Ron, demonstration ................................................................. 1156
Maximilian II (Max Emanuel), Elector .................................................. 784
May, of Glashütte, precision pendulum clock ..................................... 688
Mayet family, of Morbier ....................................................................... 987, 988
Mayr, Johann Georg, of Munich, table night projection clock, astronomical indications .................................................. 605
meeting report ....................................................................................... 1156–7
(see also under AHS, see also demonstration; lecture; tour; visit)
Meier, William, of Hamburg ................................................................. 961
Meigh, Moses, of London, table clock, striking, year duration .......... 948
Meinen, Warner, see Radage, Dennis, Warner Meinen, and Laila Radage
Melancthon, Philip, watch formerly owned by ...................................... 911
Mell, Davis, of London lantern clock, miniature striking ................... 883
Memor, Rob, and Victor Kensing, *Salomon Coster*, lecture .................. 1009
Mercer chronometer, box, India list nos. 4727 8-day, 6284 8-day ........ 1121
nos. 5454, 13522, 14080, and others ..................................................... 1124
Mercer, Thomas, Ltd, of St Albans archives ........................................ 1111
day book ................................................................................................. 963
Mercer, Thomas, of London ................................................................. 635
Mercer, Tony .......................................................................................... 1105
Meredith, John, of London, wall clock, drum cartel ............................ 1044
Merriman, Benjamin, of London, bracket clock, ebony, ¼ repeating, basket top ................................................................. 590
Methven, David, of St Andrews ............................................................. 833
metronome ............................................................................................ 705
Midlands Section, see AHS, Midlands Section
Milan, Saint Gottardo in Corte .............................................................. 659–60
’military time’, lectures reported .......................................................... 996–1000
*Military Time on the Ground*, lecture by Konrad Knirim ................... 996–7
military timepieces gunnery timer, Royal Navy, pre 1914 ..................... 693
observation balloon watch/barometer/altimeter ..................................... 693
sector clock .......................................................................................... 692
Signal Centre Clock ............................................................................. 692
wristwatches as used in WWI trenches ................................................ 693
WWII GSTP pocket watch .................................................................... 693
Millar, Tina ............................................................................................. 765–6
Milman, Sir Francis, physician ............................................................... 592
‘Mirroir’ of Paris or of London .............................................................. 789
(see also Spiegel, Joseph, of Friedberg)
Mitchell, A.J., portrait, 1872 .................................................................. 966
mock pendulum (clock), see false pendulum
Molyneux, Robert, of London, chronometer, box, India list, no. 2033 .... 1121
Monamy, Peter, artist ........................................................................... 938–9
monk, timekeeper, *significator horarum* ........................................... 655
moon dial, see lunar indication
Moore, chronometer, box, no. 1818 ..................................................... 1119
Moore, John, of Clerkenwell, turret clock, Herne Bay .......................... 1155–6
Morris, Vernon, lecture report ............................................................. 1155–6
Morrison-Low, Alison, book review ..................................................... 1144–5
Motel, Jean François Henri, escapement, pivoted-detent ....................... 958
mottoes *Resepione finem*, as chapters .................................................. 893
Solem audet dicere falsum .................................................................... 776
mounts, silver
Delander, Daniel, of London, bracket clock, grande sonnerie .............. 1052
Knibb, Joseph, of London, bracket clock, velvet dial .......................... 736–7
Tompion, Thomas, of London, no. 222, miniature bracket clock ........ 879
Mudge, Thomas, of London ................................................................. 1157
Mudge, Thomas, junior, of London chronometer, marine, no. 3 .......... 880
Mueller-Maerki, Fortunat E. ................................................................ 766
book review ........................................................................................ 687–9, 841–4
Muller, Lt Cdr Carl von ....................................................................... 963
Mumford, Lewis ................................................................................... 709
Murdoch, Tessa .................................................................................... 942
Murray & Strachan, chronometer, no. 328 ......................................... 1124
Murray, James, of Calcutta .................................................................. 1113
Murray, James, of London ................................................................. 1113
museum (see also Museum profile)
Armley Mills, Industrial ...................................................................... 1010
*Auckland War Memorial Museum, New Zealand* .......................... 1131–6
collection .............................................................................................. 1132–5
watches .................................................................................................. 1131
Baltimore, Walters Art Museum ............................................................ 911
Birmingham, Smethwick, *Avery Historical Museum* ....................... 859–60
Blos, Maison de la Magie Robert-Houdin .............................................. 799, 801, 802
Bristol, Connecticut .............................................................................. 1145
Budapest, Hungarian National ............................................................. 669–70
Bury St Edmunds, Mowsey Hall .......................................................... 1158
Canberra, Australian National ............................................................. 957
Cluses, Musée d’Horlogerie et du Décolletage ...................................... 913–28
Edinburgh, National Museum of Scotland .......................................... 628
Friedberg, Wittelsbacher Schloss .......................................................... 667–70, 673–82, 783–94
Furtwangen, Deutsches Uhrenmuseum ................................................ 769–82
Geneva Musée d’Horlogerie et de l’Émaillerie ................................. 913–28
Patek Philippe ...................................................................................... 1045
Graffton, Mass., Willard Clock Museum ............................................ 984–6
Greenwich, National Maritime Museum .............................................. 763, 764, 990, 1143–4
Haarlem, Frans Hals (Boom-Time coll.) ............................................. 709
La Chaux de Fonds, Musée International d’Horlogerie .................... 1074, 1153
Langford, Essex, Museum of Power .................................................... 1155
museum, continued,
Leeds
Armley Mills, Industrial..........................614
City Museum........................................614, 617
Temple Newsam..................................614, 617, 863
London
British Museum.................................672–3, 717, 911–12, 990, 1073
Clockmakers’ Company museum...............628
The Clockworks..................................803
Greenwich, NMM.........................763, 764, 990, 1143–4
Science Museum..........................1013, 1060, 1061
Munich, Bayerisches Nationalmuseum...784
New Bern, Tryon Palace.......................939, 941, 948
Nuneaton..........................................995
Nuremberg,
Germanisches Nationalmuseum...........910–11
Paris, CNAM.................................799, 804, 1079–80, 1084
Prague, Clementinum..........................931
Rockford, Illinois, Time Museum.........935, 990
St Nicolas d’Aliermont........................1078
Schaffhausen, IWC................................844
Schwerin.........................................1130
Tokyo, National Science....................1062, 1065
Toulouse, Musée Paul Dupuy...............799
Whangarei, New Zealand.......................929, 931
Claphams National Clock...............762, 838–40
Winterthur, Wilmington, Delaware........846
Zaandam, Nederlandsche Uurwerk.........709

Museum profile
Auckland War Memorial Museum,
New Zealand, Damian Skinner,
Jane Groufsky, and David J. Smith......1131–6
Claphams National Clock Museum,
New Zealand, Silke Groot-Magens.........838–40
Willard House and Clock Museum, Grafton,
MA, USA, Fortunat E. Mueller-Maerki...984–6
musical clock (see also tune barrel).........929, 931
Chinese market, automatom tower clock...755
pagoda clock..................................862–3
musical clock, by
Clay, Charles, of London...................937, 941, 947–8
Cox, James, of London, table clock........834–7
Deacon [attrib], longcase, automata........875
Engelschalk, Johann Georg, of
Friedberg..........................................671, 673–4
Fromanteel, Ahasuerus, of London.........932
Fürstenfelder, Benedikt, of Friedberg.....784
Gail, Matthias, of Friedberg, in bureau...673–4
I.H. (Isaac Habrecht), sixteenth century.930–1
Lowndes, Jonathan, of London............932–3
Mell, Davis, of London.......................932
Pinchbeck, Christopher, sen., of London.937–8
Pyke, George, of London.....................617
Wehrle, Emilian, flute clock...............750
Windmills, Joseph, of London...............933
Muston, George, of Bristol...............951
Myatt, Paul, demonstration................1156
Myne, John, mason................................700
mystery clock, Robert-Houdin, Jean-Eugène..796

N
name-dial watch, THOMAS PHILPS............708
National Association of Watch and Clock
Collectors (NAWCC), symposium
2013, Time for Everyone......................615–16
2014, Beauty, Precision, and
Craftsmanship in French Clocks............766
Neumayer, Georg Balthasar..................951, 958
portraits..........................................952
New light on old watches,
Dietrich Matthes.................................910–11
Newman, David..................................765
Newman, Graham...............................1158
newspaper
The Athenian Mercury, 13 Feb 1692/3......662
Romsey Advertiser, 6 September 1912....974–5
The Times
12 September 1855..............................629, 631
9 December 1857...............................629
Newton, William, of East Smithfield
lantern clock.................................758, 892, 1048
Nielsen, Frank, see Darnell, Poul,
and Frank Nielsen
night clock
Gail, Matthias, of Friedberg.................674–6
Mayr, Johann Georg, of Munich, projection,
table clock, astronomical indications.......605
Nixon, Elliott
A Clock by Daniel Delander, lecture........703–4
Robert, Friedrich Adolph....................950
Noll, August, of Villingen,
large organ clock with automata..........778
noon gun, Kiel, chronometer observatory.952, 954
Norddeutscher Bund..........................951
Normal-Zeit, of Berlin.......................780
control clock.....................................781
North German Federation...................951
Northern Goldsmiths Co., Newcastle upon
Tyne, chronometer, box, no. 1017.........1124
notebooks, John Tuck, of Romsey........793–83
Notes
The notebooks of John Tuck of Romsey,
Peter de Clercq..................................973–83
Anatomy of a Cox musical clock,
Ian White...........................................834–7
The journal archive on-line,
Martin Ridout....................................906–7
Twenty-five years Dingwall-Beloe lectures,
Peter de Clercq.................................767–8
novelty clock....................................838
Nowe, Francis, of London...................710–11
Nye, James..................................996, 1000–1, 1001, 1076
Affiliation with the Clockmakers’
Company.........................................1151–2
Bang on Time, lecture.........................999–1000
Harrison Lecture, 2014......................1060
lecture report....................................709, 863–4, 1157–8
A Long Time in Making, reviewed........1141–3
meeting report...............................1009–10
portrait.........................................616
pendulum, compensating (temperature)
  gridiron, Vulliamy, Justin, of London........1028
  mercury, Vulliamy, of London,
  longcase regulator..................................904
  Pickel, Ignatz, of Eichstätt.........................775
  zinc and steel........................................861
pendulum, conical
  Dent, Edward John, of London..................1078
  Redier, Antoine, of Paris.......................1078–81
  Pither, John...........................................862
pendulum, cow-tail
  Gail, Matthias, of Friedberg.................676–7
pendulum, false, see false pendulum
pendulum, unusually long
  Comtoise clock.......................................702
  Spofforth, N. Yorks, All Saints’ church......1010
Penlington, chronometer, box, no. 1796........1121
Penney, David.......................................648, 1116
  The faking of English watches, lecture........1153–4
  advertised..............................................849
Pennington, Robert, of London (1752–1813)....623
  chronometer, pocket, supplied to Barwise....632
Pennington, Robert, of London (1780–1854)....632–3
  Perham, Gavin, bracket clock, replica of
  Tompion no. 222....................................879
Perigal, Francis, of London,
  watch, no. 915, ¼ repeat, enamel case........1035
Perrelet, Louis-Frédéric, of Paris.............1077
Petrarch (Francesco Petrarca)
  De Remediis Utriusque Fortune...............618–19
  De Vita Solaris........................................618
  portrait (later).........................................618
Pfaff, C., table clock, square, lunar indication.1135
Pfieffer-Belli, Christian.............................687
P.H., Black Forest clock, French market, 1842.777
Philadelphia, time and time-telling in.........846
Philip II, King of Portugal........................1073
Philip the Good, Duke of Burgundy.............931
  Phillips, of London
    mantel clock, no. 10 394......................1159
  Phillips, William D................................616
  portrait.................................................616
  Philps, Thomas, name-dial watch..............708
  Physikalisch-Technische Bundesanstalt (PTB).
  782
  radio time receiver................................782
Pickel, Ignatz, of Eichstätt, pendulum,
  compensating (temperature).....................775
Picture Gallery
  A fan with integrated watch....................1130
  A miniature Italian lantern clock,
  John A. Robey......................................1125–9
  Piggott, Keith........................................942
  Pike, chronometer, box, India list, no. 7448...1124
  pillars, Y-shaped...................................1065, 1068–9
Pinchbeck, Christopher, senior, of London,
  astronomical musical clock.....................937–8
  pinion, wear in.....................................912
Pither, John
  lecture report.....................................708, 862–3
  meeting report......................................1156–7
  pivoter, Travers, of Ramsgate..................642
planetarium
  Hahn, Philipp Matthäus............................770
  Römer, Ole............................................988–9
plate clock
  Gail, Matthias, of Friedberg................673–4, 676–7
  Platt, E., of Prescot, watch, no. 18710, stolen.720
  Platt, John.............................................1116
  Platt, Nigel..........................................996
  The Clock that saved Great Britain,
  lecture..............................................998–9
  Platt, Paul.............................................996
  pocket chronometer, see chronometer, pocket
  Poletti, Gianno, of Ravenna....................1009
Police Page........................................720, 1021
Poniz, Philip..........................................766
Ponsford, Clive N., book review..................1146
  Poole, chronometer, box, nos. 1596, 6607......1120
  Poole, John, of London, balance, compensation.960
Porrvis (Purvis), James, of Salisbury
  Gothic clock.........................................1007
  dial....................................................710–11, 712–13
  features and English clockmaking..............711–12
  letters, Chris Schouten........................710–11, 1011–12
  responses from authors........................711–14, 1012
Porthouse, chronometer, box, no. 6524........1121
Porton, Matthew.....................................995
  portrait of
  Albrecht V, Duke of Bavaria....................664
  Álvarez, Victor Pérez..............................854
  Andrews, William J.H............................616
  Aspin, Fred, of Coventry.......................1105
  Bailey, Chris.........................................616
  Baumann, Barbara, of Friedberg..............679, 681
  Baumann, Sebastian, of Friedberg.............679, 680
  Bertolli, Mrs, of Coventry.....................1105
  Betts, Jonathan....................................616
  Brown, David.........................................697
  Burgess, Martin.....................................763
  Cain, Ethel............................................850
  Chester, Geoff......................................616
  Cipra, Jim..............................................616
  Clapham, Archibald, of Whangarei.............838
  Davis, Stephen Boyd..............................1147
  Essen, Ray............................................854
  Frank, Mark...........................................616
  Gale, Mostyn.........................................616
  Happacher, Philipp, of Friedberg............790, 791
  Hobbs, Linn..........................................616
  Jardine, Professor Lisa.........................855, 1060
  Kelly, Jonathan.....................................617
  Kullberg, Victor, of London....................636
  Landes, David.......................................908
  Lee, Fred, of Coventry............................1105
  Little, J.A.G..........................................966
  McKay, C. G. (Chris)..............................616
  Mitchell, A.J.........................................966
  Neumayer, Georg Balthasar.....................952
  Nye, James............................................616
  O’Brien, Thomas.....................................616
  Patterson, R.C.......................................966
portrait of, continued,
Petrarch (Francesco Petrarca)...................618
Phillips, William D..................................616
Rooney, David.........................................850
Rothschild, Lynn....................................616
Saff, Donald...........................................616, 763
Sobel, David...........................................850
Tallents, Sir Stephen..............................850
Taylor, Dr John C.....................................616
Thompson, David......................................854
Tirpitz, Rear Admiral Alfred.....................958
Todd, Charles.........................................966, 971
Tuck, John, of Romsey..............................974, 976
Turner, Anthony.......................................616
Wilhelm V, Duke of Bavaria......................664
Willard, Aaron.........................................985
Willard, Simon, of Roxbury......................985
Wolfendale, Sir Arnold.............................854
postcard, collection..................................1170
Potts, Michael S.......................................1010
Potts, of London,
barometer, mahogany bow front...............1050
Potts, W., of Leeds
catalogue, pre-1934..................................614
exhibition...............................................614, 1010
turret clock, Margate...............................1156
Pouzait, escapement.................................702
poverty,
reduction to of clock and watchmakers........706–7
Powell, Edward........................................994
Library News..........................................1000
Prazisionspendeluhr en in Deutschland
von 1730–1940 – Band 3,
Jürgen Ermert, book, reviewed..................687–9
Precious, Tom..........................................1010
precision timekeeper, see chronometer;
regulator; timekeeper, marine
premises
Barwise, John, of London, senior................626
Skelton, George, of London.......................589, 630
Tuck, John, of Romsey..............................975–6, 979, 982
Preston, Joseph & Sons, of Prescot............638, 642, 956
prices
Happacher, Philipp, of Friedberg, watches...793
Kullberg, Victor, of London,
chronometers..........................................643–4
Robert-Houdin, Jean-Eugène,
electric clock..........................................803
Priestley, Joseph, timeline.........................1147
Priestley, Philip...........................................996
Captain Cook, Venus, and a
Great Discovery, lecture............................1002
Further reading......................................1165–8
Priestley, Philip and Ken Johnston
Further reading......................................869–72, 1018–20
Prior, Thomas, of London,
30-hour ‘Turkish market’ clock...................702
prize, see AHS: AHS prizes; AHS: Alan Shenton
Prussia, chronometer use in.......................949–50
Purell, Allan C.
Barwise pocket watches, letter....................714, 715
Purvis, James, of Salisbury, see Purvis
Pyke, George, of London,
organ clock............................................617, 863, 1156
Pyott, of London
chronometer, box, India list
no. 392..................................................1121
no. 3717..................................................1124
nos. 860, 914..........................................1120
Q
Quare, Daniel, of London..........................934, 943
bracket clock, no. 93, miniature, ¼ rep........1176
clock-watch, hour and half-hour strike........900
Quare, Daniel, and Stephen Horseman
bracket clock, no. 176, ¼ repeat.................1176
quarter chiming, see chiming, quarter
quarter striking, see striking, quarter
quartz clock
Black Forest production of.....................779–80
Scheibe, Adolf, and Udo Adelsberger.........782
quartz watch
Beta 1, Beta 2, Beta 21.............................1158
The Race to Develop a Quartz Watch,
lecture by David Read.............................1157–8
Seiko, Quartz Astron, 1969.......................779
Quebec, battle of, 1759.............................1035
R
Radage, Dennis, Warner Meinen, and
Laila Radage, The Grenett Project, letter....1160
railway watches, stolen............................720
Randall, Anthony G...............................990, 1084
rated watch............................................998
Raufer, of Glashütte,
precision pendulum clock.........................688
Rawski, Conrad H....................................619
Read, David
Observatory Time by Radio, lecture..........856–8
The Race to Develop a Quartz Watch,
lecture..................................................1157–8
Time Management in the Frontlines
of War, lecture........................................997–8
Read, Matthew..........................617, 698, 996, 1001, 1006, 1156
book review..........................................690–1
Projects at West Dean, talk.....................862–3
Reeordon, of London, watch, no. 7277, ruby
cylinder, ¼ repeat..................................739
Redier, Antoine-Jean-Joseph, of Paris and
St-Nicolas d’Alermont
Antoine Redier’s ingenious Comparateur
Chronométrique for precise time
comparisons, by Phillip Arnott.................1077–84
bust of..................................................1078
life of.....................................................1077–8
regulation, rise and fall
(see also dial, rise and fall ...)
Vologne, of Paris, mantel clock.................1034
regulation, rise and fall by key

Vulliamy, Benjamin, of London
mantel timepiece, porcelain and marble...734
regulator, astronomical, Riefler, Sigmund...832
regulator, hog's bristle..........................1069, 1071, 1075
regulator, longcase
Glashütte...........................................687–9
various illustrated............................1047
regulator, longcase, by
Graham, George, of London, no. 767...759, 903
Kershaw, J., of Oldham..........................1047
Uhrmacherschule, Furtwangen...............1047
Vulliamy, Justin, of London,
with directions for fixing up..................1028
Vulliamy, of London................................904
Wisnpainder, Georg Ignatz, of Eichstätt....775
Wordley, T., Ltd., of London...............1047
regulator, table
Cole, Thomas, of London, no. 1056,
coromandel case...................................895
regulator, wall
Dent, of London, no. 61257, month......746
Joyce, J.B., of Whitchurch......................1047
Simmons, Isaac, of Manchester..............866
Reid, of Coventry, diamond powder maker...1094
Reinhold, Johan, of Augsburg...............665
religieuse, Goret, Charles......................777
remontoire
Gillett & Co, turret clock......................864
remontoir d'égalité.............................914, 915–17, 919–20
repeat, half hour, Margaine, François Arsène,
of Paris, carriage clock, no. 8320...........810
repeat, half quarter
Heckel, Johann, of Friedberg, watch....788, 789
Spiegel, Joseph, of Friedberg,
coach watch..........................................789, 790
repeat, hours, McCabe, James, of London,
no. 3506, carriage clock, fusee...............1036
repeat, minute, watch, by
Fürstenfelder, Benedikt, of Friedberg....787
Heckel, Johann, of Friedberg...............787–8
repeat, quarter
Breguet et fils, of Paris,
o. 4222, carriage clock.........................1049
Graham, George, of London,
watch, (probably a forgery)...............1134
Perigal, Francis, of London,
o. 915, watch, enamel panel................1035
Recordon, of London,
o. 7277, watch, ruby cylinder..............739
Richard,
carriage clock, gorge, ¼ repeat, alarm....740
Robert & Courvoisier,
travelling clock, strike, alarm...............749
repeat, quarter, bracket clock, by
Atfield, James, of Brentford, ebony........741
Etherington, George, of London, alarm....760
Fuller, [William?], of London, ebony.....747, 897
repeat, quarter, bracket clock, by, continued
Gregg, Francis, of London,
ebony timepiece.................................599
Knibb, John, of Oxford, ebony timepiece...1031
Knibb, Joseph, of London,
ebony...............................................884–5
ebony, push/pull repeat.......................1037
Merriman, Benjamin, of London,
ebony, basket top..................590
Quare, Daniel, and Stephen Horseman,
o. 176, striking..............................1176
Quare, Daniel, of London,
o. 93, miniature striking....................1176
Street, Richard, of London, ebony......882
Windmills, Joseph, of London, ebonised....743
repeat, unspecified,
Jacot, Henri, no. 10272, carriage clock...747
replica, Tompion, Thomas, of London,
o. 222, miniature bracket clock..............879
repoussé case, on watch by
Jordan, Timothy, of London, no. 1579...898
Spiegel, Joseph, of Friedberg,
coach watch.......................................789, 790
research request
Bailon, Estienne, of Paris...............867, 1160
Buckinghamshire makers..................714–15
Jullion, John, and Sons, of Brentford....1014
Simmons, Isaac, of Manchester..............866
Smeaton, John, of Leeds.....................1014
restoration
Maintaining Longcase Clocks:
An Owner's Guide ..., book, reviewed...690–1
Restoration of a Marquetry Longcase Clock,
lecture by Chris Ayres..........................701
two projects at West Dean....................862–3
Reutters, Atmos clock..........................1054
revolution and rotation.........................866–7
Revue Chronometrique.........................816, 819, 820
ribotta........................................1125–6, 1127–8
Richard, carriage clock,
gorge, petite sonnerie, ¼ repeat, alarm.....740
Richardson, Jim.....................................704
Ridout, Martin.....................................994
Bits from the Blog.........................698, 855–6, 1000–1
The journal archive on-line..................906–7
Riefeler, Sigmund................................780
Rinderle, Thaddäus,
astronomical-geographical clock.........771, 774
Riolini-Unger, Dr Adelheid..................795
Ripoll monastery, water clock, alarm......656, 657
rise and fall, see dial, rise and fall;
regulation, rise and fall
Ritter, Franz, Astrolabium (1613).........989
Ritter, W., of Altona..............................954
Robert & Courvoisier,
travelling clock, strike, ¼ repeat, alarm....749
Robert-Houdin, Émile............................800
electric clock....................................804, 805
singing bird
  cigarette box, Breguet, no. 4887,
  movement by Bontems.........................609
  table clock, “The Enchanted”,
  Ilbery, William, of London..................1045
skeleton clock, made by
  Bruehl, enamels by Joseph Coteau............777
  Thourevz, de Paris?, calendar indications.901
  Skelton, George, of London....................631
  premises..........................589, 613, 630
  Skinner, Damian, J. Groufsky, and D.J. Smith,
  Auckland War Memorial Museum,
  New Zealand..................................1131–6
  Slater, Tom, historian of Romsey..........973, 975–6
  Slater, William, photographer of Romsey........973
  Smeaton, John, John Smeaton of Leeds, letter
  from Chris Watson...........................1014
  Smeaton, John, of York........................1014
  Smith, chronometer, box, India list, no. 8007.1124
  Smith & Sons, of Clerkenwell,
  catalogue, pages reproduced................980–3
  Smith, David J..................................1133
  with D. Skinner and J. Groufky,
  Auckland War Memorial Museum,
  New Zealand..................................1131–6
  Smith, John Alexander........................1132
  Smith, John, and Sons, of Derby..............686
  turret clock
  East Farleigh, Kent, St Mary’s.............862
  Herne Bay........................................1156
  work on Salisbury clock......................858
  Smith, Marion,
  Researching Leces Clockmakers, lecture.706–7
  Smith, Roger, Justin Vulliamy and the
  Swiss Community , lecture.................699–700
  Smith, S. & Son Ltd............................1141–3
  delayed action mine release fuze...............999, 1000
  shell fuze....................................999
  Smiths Clocks and Watches Ltd..............1141–3
  fire control clock...........................997
  Signal Centre Clock.........................692
  Smiths Industries Group.....................1009, 1141–3
  Snashall, John, of East Grinstead,
  lantern clock..................................1048
  Sobel, Dava, portrait.........................616
  Société des Fabriques de Spiraux Réunies SA.959
  La Société des Horlogers de Paris...........816
  Soho (Handsworth, Birmingham)
  manufactory..................................859–60
  Solem audet dicere falsum, motto.............776
  Sotheby’s.....................................995
  South Eastern Section, see AHS, South Eastern
  Section
  Southam, James, of Coventry..................1106
  Southam, Josiah, of Coventry...............1089
  Southern Section, see AHS, Southern Section

Scobie-Youngs, Keith
  Recent Projects, lecture........................864
  The Turret Clocks of Salisbury,
  Wells and Rye, lecture.......................858–9
Scotland, sundials in..........................700–1
A Scottish clock dial for determining
Easter, John A. Robey.........................827–33
Scottish Section, see AHS, Scottish Section
  sea clock, see timekeeper, marine
  sector clock..................................998–9
Seddon, Daniel, of Frodsham,
  longcase clock, oak, ball moon..............596
Segaud, pendule portique, decimal dial,
  revolutionary calendar......................777
Seiko, wrist-watch, Quartz Astron.............779
self-winding watches
  The Origins of Self-Winding Watches 1773–
  1779, by Richard Watkins, reviewed........845–6
  Two automatic watch movements with
  verge escapements but without fusee,
  Joseph Flores...................................913–28
Selwood, William, of London, lantern clock..1126
Semaphore, Adelaide, Australia,
  time ball and signal station.................967–71
Severs, Dr David F................................766
Sewill, Joseph, of Liverpool
  chronometer, marine,
  no. 5729, Kullberg no. 3715...............643, 644
Seyffer, David, Die Unternehmensgeschichte
von IWC Schaffhausen - , reviewed........843–4
Seyffert, Johann Heinrich.....................951
Shaw, D., of Leicester,
  turret clock, Rothley, Leics................1003
shelf clock, Willard, Aaron....................985
Shenton, Ken.....................................614
Shenton, Susan...................................614
Shepherd, Charles, of London..................801, 965
  chronometer, box, India list
  no. 1492........................................1120
  no. 1732........................................1121
Shinnie, Ian, Alexander Bain, lecture........709
ship
  Emden, German cruiser.......................963
  HMAS Sydney..................................963
  HMS Beagle....................................757
  HMS Centurion..................................764
  HMS Victory....................................962
  Nimrod..........................................626
  San Buena Ventura.............................1063–4
  San Francisco..................................1063
  shrine, Kunozan-Toshugo......................1064
Sills, Edward, watch finisher,
  of Tottenham..................................639, 642
Sills, William, father and son, watch finishers...642
silver, see dial, silver mounted
Simcock, Henry, of Daintree,
  hoop and spike clock.........................896
Simkiss, Wendy..................................1116
Simmons, Isaac, of Manchester, regulator........866
spandrel, silver, see dial, silver mounted
speaking clock
Paris..............................................1154
*The Speaking Clock in the History of Public
Relations*, lecture by David Rooney........1154–5
advertised........................................850
Spiegel, Joseph, of Friedberg...............789
clock watch
signed Jo. Legeips London..................790
signed J.S. Miroir London..................790
‘Legeips’ and ‘Miroir’..........................789
Spiller, Chris....................................860
springer
Ganival and Callard, of London..........642
Giffin, of Islington................................642
Squire, Jane......................................933
Staiger, of Sankt Georgen....................780
Stanley, chronometer, box, no. 8043........1124
Stanton, Edward, of London, longcase clock,
marquetry case...............................1043
Staudacher, Fritz, *Jost Bürgi, Kepler
und der Kaiser*, reviewed.................841–3
Steenken, Jan van................................931
Steer, of Coventry, watch balance maker....642
Stephens, John Edward.........................629
Stevens, Henry, lantern clock.................708
Stewart, A.D., *Barwise & Sons: watchmakers to the King.*
A brief history of family and firm............589, 621–34
Still, Roger, *The Verge Escapement in
English Clocks*, lecture.....................1157
Stoeffler, Johannes, Elucidatio fabricae
ususque astrolabii (1512/13)................989
stolen clocks and watches (Police page).....720, 1021
Stone, Edmund....................................705
Stone, John
lantern clock...............................600, 758, 892, 1048
stop watch, see chronograph
stop-work........................................922–5
Stosch, Albrecht von, general.............951
Strachan, see Murray & Strachan
Strange, Col. Alexander, FRS...............1110
Strasser & Rohde, of Glashütte
chronometer, marine, production of.........961
precision pendulum clocks....................688
Stratton, James..................................837, 1076
Streather, Ashley.................................1006
Street, Richard, of London, bracket clock, ebony, ¼ repeat........882
*Stretch – America’s First Family of Clockmakers*,
Fennimore, Donald L., and Frank L. Hohmann
III, reviewed.................................846–8
Stretch, Peter, of Philadelphia.............846, 848
longcase clock....................................846
Stretch, Samuel, of Leek.......................846
Stretch, Samuel, junior, of Philadelphia....846
Stretch, Thomas and William, of Philadelphia..846
Stribling, Benjamin, of Stowmarket,
lantern clock.................................600, 758, 892, 1048
strike/silent lever (see also dial, strike/silent)
Arnold, John, of London, bracket clock........1039
Dutton, William, of London, longcase, grande sonnerie.............1039
Knibb, Joseph, of London, bracket clock, ebony, ¼ repeating.........884–5
Tyler, John, of London, bracket clock, ebony.........................886
Windmills, Joseph, of London, bracket clock, Ebony, ¼ repeating.....743
striking (see also chiming, quarter)
development of.....................................689–690
first documented twenty-four hour..........690–690
striking, double.................................702 (see also ribbott)
Cambridge, Trinity College....................860
striking, double-six
Italian longcase movement....................1007, 1009
latter clock, miniature, Italian.............1125–9
striking, Dutch, Fromanteel, John, of London,
bracket clock, ebony.............................1057
striking, grande sonnerie
Délander, Daniel, of London, bracket clock, silver mounted...........1052
Du Chesne, Claudius, of London, bracket clock, walnut, ¼ striking.....740
Dutton, William, of London, longcase clock.........................1039
Italian longcase movement....................1007, 1009
Margaine, of Paris, no. 7535, carriage clock........813
Tompion, Thomas, no. 410, bracket clock,
annotated illustration.........................1140
striking, nag’s head.............................1069
latter clock, miniature, Italian.............1128
overlift............................................1128–9
striking, passing hour, Tuck, John, of Romsey........977
striking, petite sonnerie
Ilbery, William, of London, table clock,
“The Enchanted”, singing bird.............1045
Richard, carriage clock, ¼ repeat, alarm........740
striking, quarter (see also chiming, quarter)
Clay, Charles, of London, longcase clock........948
Du Chesne, Claudius, of London, bracket clock, walnut, grande sonnerie......740
Dutton, Matthew, of London, bracket clock, no. 305..................1058
Ebsworth, John, of London, month, lacquer case, ¼ striking........1136
Fürstenfelder, Benedikt, of Aichach,
echoch watch, alarm...........................783–4
Fürstenfelder, Benedikt, of Friedberg,
table clock, musical, alarm....................784
Kreitmayr, Elias, of Friedberg,
table clock........................................668–70
striking, Roman, Knibb, Joseph, of London,
bracket clock, silver mounts, velvet dial........736–7
strob, see escapement: strob
strut timepiece,
Cole, Thomas, of London, pre-numbered........888
Stübner, Paul, of Glashütte,
precision pendulum clock....................688
A study of English watch jewelling,
Ian Greaves..........................1029, 1059, 1085–106
for topics see under jewelling
Sturt, Captain Charles..................965, 966
Sugar, George, of London..................934
Sully, Henry, marine timekeepers
‘C’..............................................764
Clockmakers’ Company..................1061

From sun and water to weights:
public time devices from late Antiquity
to the mid-seventeenth century,
Anthony Turner..........................649–62

sundial
The Ancient Sundials of Scotland,
lecture by Dennis Cowan.................700–1
conical...........................................651
distribution in Hellenistic world........650
monastic...........................................655
spherical.........................................651
universal, horizontal and ring, in painting...791
sundial, maker
Adam the son of Martin, of Arbroath.....657
Cassiodorus......................................655
sundial, place
Arbroath...........................................657
Bewcastle Cross.................................655
Catanea............................................651
Drummond Castle...............................700
Glamis Castle....................................700
Great Edstone, North Yorkshire.........655
Rome...............................................651
Samnium..........................................651
Vivarium (Staletti), Calabria..............655
Whangarei, New Zealand...................838
sunset survey
India, Great Trigonometrical. 1108, 1109, 1110
Service Géodésique..........................1081
Swift, Jonathan..............................1147
Swiss Church (in London).................699–700
Swiss Society of London...................699
Sykes, Geoff..................................864
lecture report...................................864
tour report.......................................1158
Symonds, R.W.................................1137
symposium, NAWCC
November 2013, Time for Everyone......615–16
October 2014, Beauty, Precision, and
Craftsmanship in French Clocks.........766

T

table clock
Brussels, c. 1580, alarm.....................1076
horizontal, square............................1133
Renaissance
hexagonal.......................................1133
tambour cased................................1133
table clock, by
Baillon, Estienne, of Paris...............867
Bürgi, Jost
‘Rock crystal clock’..........................842, 843
‘Solar and Lunar Anomalies’..............842
Engelschalk, Johann Georg, of Friedberg
musical..........................................673–4
Evalo, Hans de, of Madrid...............1064–73
Fürstenfelder, Benedikt, of Friedberg
½ chiming, calendar and lunar...........784–6
musical, ¾ striking, alarm...................784
IIBerry, William, of London, petite sonnerie
singing bird, “The Enchanted”.............1045
Kreitmayr, Elias, of Friedberg
quarter striking...............................668–70
striking, Turkish market....................667–8
Kreitzer, Conrad, or Hans Christoph,
of Augsburg, automaton......................1053
Mayr, Johann Georg, of Munich, night
projection, astronomical indications......605
Pfaff, C., square, lunar indication ..........1135
Sarton, Hubert, of Liège, calendar, lunar,
and sunrise/sunset indications............1008
Trostenberg, Nicolaus de, Brussels......1064–73
table, equation of time.......................1028
tallents, Sir Stephen..........................850, 1154
portrait..........................................850
tavern clock
Bury St Edmunds, St Mary’s church......1005
Faulkner, Edward, of London, striking...1055
Gray, Benjamin, and Justin Vulliamy,
shield, black lacquer..........................756
Taylor, see Ellicott and Taylor, of London
Taylor, Dr John C.............................615, 1060
portrait..........................................616
Taylor, Peter..................................964, 967
Taylor, Thomas, astronomer..............1109
telegraph
Adelaide links...................................965–6
England – Australia link....................966–7
telecope
Tuck, John, of Romsey......................975–6
grounding machine...........................978
temperature compensation, see balance,
compensation; pendulum, compensating
Tennant, Rodney...............................766
tête de poupée, Martinot, Balthazar, of Paris....777
T.H., watch maker’s mark..................633
Thanhamer, Conrad, of Friedberg........665
Theodosius I, Emperor of Rome...........654
Thiele, Johann Georg, of Bremen,
chronometer, marine.......................950
Thiout, l’aîné, cartel clock,
Chevalier de Bethune escapement.........777
thirty-hour clock, rarity of Scottish........827
thirty-hour clock, by
Barber, Jonas, of Winster,
no. 521, longcase, oak.....................738
Prior, Thomas, of London, Turkish market..702
thirty-hour clock, by, continued,
Simcock, Henry, of Daintree, hoop and spike.................896
Watson, Andrew, of St Andrews.........................827–33
Thomas, Alfred,
*Early Lantern Clocks*, lecture........................707–8
Thomas, Debbie, and Ray Addison,
*Langford Museum of Time*, lecture...............1155
Thomas, Steve and Darlah
*Joyce of Whitchurch, Clockmakers, 1690–1965*
book, reviewed........................................685–7
lecture.................................................864
Thompson, David...............717, 996, 1137, 1154
acknowledged.................................634, 795, 1060, 1152
blog contribution..................................1000
AGM 2015, Greenwich.................................1151
Chairman’s Report, 2014.............................994–5
portrait...............................................854
Thompson, David, and Johan ten Hoeve,
*A Flemish clock at the Shogun’s Shrine* 1063–76
Thomson, Alice........................................964, 967
Thorpe, Dr John P......................................833
Thouverez, of Paris?, skeleton clock, calendar indications...901
Thuret, Isaac, of Paris.........................718, 719, 988
Thwaytes, Mrs Anne.................................1155–6
Tiede, Christian Friedrich, of Berlin.................950
Timby, Theodore Ruggles, of Saratoga Springs,
NY, Solar Time Piece, no. 36..............................607
time
Basle reckoning........................................660
equal hour.............................................660
hour systems, different European.....................660
monastic, Roman origin of..........................655
time, apparent, see also dial, equation of time;
dial, apparent time; equation of time
Scafe, William, of London, longcase clock........775
time ball
Adelaide, Semaphore.................................967–71
batteries used for......................................965
Calcutta..................................................1109
Deal.......................................................965
Germany, coastal.......................................960
Greenwich, Royal Observatory
letter from Douglas Bateman..........................1014
size......................................................1014
weight..................................................1014
Kiel, chronometer observatory........................952, 954
Margate...............................................1186
Romsey..................................................975–6
Sydney...................................................967
Victoria..................................................967
*Time balls at Greenwich and Adelaide – a direct personal connection*, Douglas Bateman, Lesley Abell, Roger Kinns.........964–72
time, consciousness and systems of in Ottoman Empire.........684–5
time-crier, Dole cathedral................................660, 661
time distribution
electrical, in Berlin.................................781, 960
in Paris and in the UK...............................856–7
time distribution, continued,
Robert-Houdin, Jean-Eugène...............800, 801
wireless
*Observatory Time by Radio*,
lecture by David Read.............................856–8
PTB Braunschweig..................................782
time, equation of, see dial, equation of time;
equation of time
time, military, lectures reported....................996–1000
time, Petrarch’s writings on,
*De Amissione Temporis: Loss of Time,*
William Linnard.................................618–20
time, public...........................................649
*From sun and water to weights: public time devices from late Antiquity to the mid-17th century*, Anthony Turner........649–62
time recorders, Gledhill Brooks.....................704
timekeeper, marine (see also chronometer,
marine; Gould, Rupert T.)
Sully, Henry, 1724...................................764
timeline, historical examples........................1147
timepiece
Arnold and Dent, of London,
large carriage clock..............................1052
Cuff, James, of London, bracket, alarm.........754
Gregg, Francis, of London,
¾ repeat, ebony bracket clock.....................599
Knibb, John, of Oxford,
¾ repeat, ebony bracket clock.....................1031
skeleton, French, great wheel, c. 1800...........603
Thouverez, of Paris?, skeleton, calendrical........901
Vienna regulator, no. 8685...........................738
Vulliamy, Benjamin, of London, mantel, biscuit
porcelain and marble............734
*tintinabulla*...........................................657
Tirpitz, Rear Admiral Alfred.......................958
portrait...............................................958
title page, see book, title page
Tobias, Morris, of London
chronometer, box, India list, no. 134.............1117
watch, no. 2965, rack lever, stolen.................720
Todd, Agnes............................................972
Todd, Barry...........................................967
Todd, Charles
early life.............................................964–5
honours and recognition............................971–2
portrait.................................................966, 971
Semaphore time ball...............................967–71
telegraphic achievements..........................968–7
Todd, Owendolene....................................972
Todd, Henry David..................................967, 972
Tomlinson, William, of London
lantern clock......................................758, 892
tomography, use in examining watches.............910
Tompion, Thomas, of London
bracket clock
ebony, striking....................................744
exhibition including............................615
Mostyn.................................................1157
no. 155.................................................1005
no. 171, ¾ repeat.................................869
Tompion, Thomas, of London, continued, 
bracket clock, continued, 
no. 222, miniature.................................879 
no. 222, miniature, replica......................879 
chronology.........................................1138 
output and organisation..........................1138–9 

Thomas Tompion 300 Years, book, 
by Jeremy Evans, Jonathan Carter 
and Ben Wright 
advertised.............................................601 
reviewed...............................................1137–41 
turret clock...........................................615 
watch, no. 3077.....................................1051 

Tompion, Thomas, and Edward Banger, 
watch, movement, no. 3367.....................1052 
tools 
fusee engine, watch 
atelier of Garnier, of Paris.......................887 
Swiss pattern, c. 1850.............................595 
jewelling...............................................1091–7 
lathe, jewelery........................................1092–3, 1099 
mandrel, English.....................................1101 
piercing saw..........................................679, 681 
Willard family........................................986 

Torrens, Prof. David...............................646, 647, 1088–9 
touch pins...........................................1067, 1068 

Touzou, Toda, 
tourbillon, c. 1970, based on Waltham........702 

Tour de France 
trade card 

Tracy, Richard, lantern clock....................600, 758, 892, 1048 

trademark 
see 
Towards the ‘German chronometer’ ..., 
by Günther Oestmann.............................949–63 
tower clock, see turret clock 

Tuck, Paul..............................................1152 

Tuck, John, of Romsey 
address stamp......................................973 
life of....................................................974 

notebooks 
contents listed.....................................978–9 

pages reproduced...............................977–8, 980–3 
The notebooks of John Tuck of Romsey. 

Note, by Peter de Clercq..........................973–83 

observatory and time ball.......................975–6 
portrait...............................................974, 976 
receipt dated 1 May 1891..........................974 
shop and residence...............................975, 979, 982 
telescope.............................................975–6 
trade card...........................................973 

Tuck, Albert, of Ramsey.........................974 

Tuck, Ernest, of Romsey.........................974 

Tuck, John, of Romsey 

true bell top, bracket clock 

Tae, Thomas, of London, sen., mahogany 

Worthington, Daniel, of London..............596 

Tuck, Albert, of Romsey.........................974 

Tuck, Ernest, of Romsey.........................974 

Tuck, John, of Romsey 

address stamp......................................983 
life of....................................................974 

notebooks 
contents listed.....................................978–9 

pages reproduced...............................977–8, 980–3 
The notebooks of John Tuck of Romsey. 

Note, by Peter de Clercq..........................973–83 

observatory and time ball.......................975–6 
portrait...............................................974, 976 
receipt dated 1 May 1891..........................974 
shop and residence...............................975, 979, 982 
telescope.............................................975–6 
trade card...........................................973 

Tuck, Paul..............................................1152 

Tuck, of London, 
turret clock, Welford...........................1002, 1003 
tune barrel 

Brenchley, Kent, All Saints.....................862 

Kings Norton, Leics...............................1003 

Türesay, Ösgür..........................685 

‘Turkish market’ clock 

Kreitmayr, Elias, of Friedberg, 
table clock..........................................667–8 

Prior, Thomas, of London.......................702 

Turner, Anthony 

book review........................................684–5, 988–9 
Charles Clay: fashioning timely music. 929–48 

John Garte on Horology and Cosmology: ..., 

book 
advertised...........................................1174 
reviewed.............................................1144–5 
portrait.............................................616 

travelling case, continued, 

Flemish table clock, c. 1580...............1076 
McCabe, James, of London 

for carriage clock, no. 2927.................611 

for carriage clock, no. 3506.................1036 

Troestenbergh, Nicolaus de, of Brussels, 
table clock...........................................1066 

travelling clock (see also carriage clock) 

Bell, of London, rosewood.....................1041 

Robert & Courvoisier, 
strike, ¼ repeat, alarm.........................749 

Travers, of Rams gate, pivoter..............642 

Treherne, A. A. (Alan)............................996 

Tribe, Thomas J.C., of Sturminster Newton....973 

Trippett, Robert, of London, 

lantern clock........................................600, 758, 892, 1048 

Triplin, J.S.................................................814 

Troestenbergh, Jean (Hans) van, Brussels 1064–73 

Troestenbergh, Nicolaus de, of Brussels, 
table clock...........................................1064–73 

true bell top, bracket clock 

Tape, Thomas, of London, sen., mahogany 

1040 
Worthington, Daniel, of London..............596 

Tuck, Albert, of Romsey.........................974 

Tuck, Ernest, of Romsey.........................974 

Tuck, John, of Romsey 

address stamp......................................983 
life of....................................................974 

notebooks 
contents listed.....................................978–9 

pages reproduced...............................977–8, 980–3 
The notebooks of John Tuck of Romsey. 

Note, by Peter de Clercq..........................973–83 

observatory and time ball.......................975–6 
portrait...............................................974, 976 
receipt dated 1 May 1891..........................974 
shop and residence...............................975, 979, 982 
telescope.............................................975–6 
trade card...........................................973 

Tuck, Paul..............................................1152 

Tuck, of London, 
turret clock, Welford...........................1002, 1003 
tune barrel 

Brenchley, Kent, All Saints.....................862 

Kings Norton, Leics...............................1003 

Türesay, Ösgür..........................685 

‘Turkish market’ clock 

Kreitmayr, Elias, of Friedberg, 
table clock..........................................667–8 

Prior, Thomas, of London.......................702 

Turner, Anthony 

book review........................................684–5, 988–9 
Charles Clay: fashioning timely music. 929–48 

John Garte on Horology and Cosmology: ..., 

book 
advertised...........................................1174 
reviewed.............................................1144–5 
portrait.............................................616
turret clock, maker
Ball, N..................................................1003
Barwise, of London...............................631
Benson, James W., of London...............862
Billiard, Lewis, of Rye........................858, 859
Brown, Charles, of Selby, Seacroft.........1010
Clay, Charles, of London.....................941
Cope, G. & F., of Nottingham
East Leake, Nottinghamshire.............1003
West Bridgford, Notts.........................1003
Dent, E.J., of London, Meanwood..........1010
Eyre, J., Kings Norton, Leices.............1003
Gill, William, of Maidstone.................862
Gillett & Co., of Croydon
Birmingham, Council House.................864
Marston Trussel, Northants..............1002–3
Gillett and Bland.................................862
Gillett and Johnston,
Bury St Edmunds, St Mary’s church......1158
Hendry, J., of Leicester, Stoughton.........1003
Joyce, J.B., of Whitchurch..................685–7
Joyce, Thomas, of Whitchurch............686
Jullion, John, and Sons, of Brentford...1014
Keeling, of London.............................704
Moore, John, of Clerkenwell..............1155–6
Paris, Thomas, of Warwick,
Oxford, St Mary’s church...............864
Potts, W., of Leeds
Leeds examples..................................1010
Margate...........................................1156
Robert-Houdin, Jean-Eugène...............805
Ross, John, of Taunton.........................1136
Shaw, D., of Leicester, Rothley, Leices....1003
Smith, John, and Sons, of Derby.........859, 860–1, 862, 1156
Tompion, Thomas, of London..............615
Tucker, of London...............................1002, 1003
Whitehead, of Market Harborough........1002–3
Willard, Simon, of Roxbury.................881, 905
turret clock, place
Ascot, racetrack..................................686
Auckland War Memorial Museum, NZ......1136
Batchwood House................................686
Beauvais..........................................929
turret clock, maker
Joey, Thomas, of Whitchurch.................860–1
ball, N..................................................1003
turret clock, place,
Birmingham Council House (‘Big Brum’)........864
University...........................................686
Blois, City Hall....................................805
Boston (Mass), Commercial Wharf........881, 905
Brenchley, Kent, All Saints...............862
Brentford, Market and Magistrates Court..1014
Bury St Edmunds, St Mary’s church.......1158
Cambridge, Trinity College...............860–1
Chester Eastgate...................................685, 866
Savings Bank.....................................686
Clackmannan......................................689–90
East Farleigh, Kent, St Mary’s.............862
East Leake, Notts, St Mary’s church.......1003
East Peakem, Kent, Holy Trinity..........862
Goldersborough, N. Yorks, St Mary’s....1010
Götitz.............................................1015
Herne Bay..........................................1155–6
Husbands Bosworth, All Saints church....1003
Kings Norton, Leices, St. John the Baptist.1003
Kirkby Overblow, N. Yorks, All Saints’...1010
Leeds Holy Trinity church....................1010
Leeds Minster......................................1010
St John’s Briggate...............................1010
Leon, cathedral....................................1015
London, St James Palace......................941
Lyon, St Jean Baptiste.........................929
Margate............................................1155–6
Marston Trussel, Northants...............1002–3
Meanwood, W. Yorks, Holy Trinity.......1010
Middleton Stoney, Oxon........................1014
Olmutz...........................................929
Orwell, Cambridgeshire, St Andrew’s....860–1
Otley, W. Yorks, All Saints’ church........1010
Oxford, St Mary’s church.....................864
Pannal, N. Yorks, St Robert’s church......1010
Perth, Australia...................................686
Rothley, Leices, St Mary and St John....1003
Rouen, St Catherine.............................929
Rye church.......................................858–9
Salisbury Cathedral..............................858
St Thomas’s church.............................864
Seacroft, W. Yorks, St James’s church.....1010
Sebastopol.........................................631
Shanghai, Customs Building................686
Spofforth, N. Yorks, All Saints’ church...1010
Stoke by Clare, St John the Baptist......1158
Stoughton, Leices, St Mary and All Saints.1003
Strasbourg..........................................929
Sydney, Government Buildings.............686
Tallarn Green, Wrexham......................686
Welford, Northants, St Mary.................1002, 1003
Wells Cathedral.................................858, 1061
Yalding, Kent, St Peter and St Paul......862
Twenty-five years Dingwall-Beloe lectures,
Note, Peter de Clercq..........................767–8

Turner, Anthony, continued,
From sun and water to weights:
public time devices from late Antiquity
to the mid-seventeenth century........649–62
Strob escapement,
letter from John Wilding...............1012–14
turntable base, bracket clock
Ebworth, John, of London, ebony........597
Fromanteel, John, of London,
ebony, Dutch striking.......................1057
The Turret Clocks of Salisbury, Wells and
Rye, lecture by Keith Scobie-Youngs.....858–9
From sun and water to weights:
public time devices from late Antiquity
to the mid-seventeenth century........649–62
Strob escapement,
letter from John Wilding...............1012–14
turntable base, bracket clock
Ebworth, John, of London, ebony........597
Fromanteel, John, of London,
ebony, Dutch striking.......................1057
The Turret Clocks of Salisbury, Wells and
Rye, lecture by Keith Scobie-Youngs.....858–9

Turner, Anthony, continued,
From sun and water to weights:
public time devices from late Antiquity
to the mid-seventeenth century........649–62
Strob escapement,
letter from John Wilding...............1012–14
turntable base, bracket clock
Ebworth, John, of London, ebony........597
Fromanteel, John, of London,
ebony, Dutch striking.......................1057
The Turret Clocks of Salisbury, Wells and
Rye, lecture by Keith Scobie-Youngs.....858–9
Two automatic watch movements with verge escapements but without fusee, by Joseph Flores.................................................................913–28
Twyne, Thomas.................................................................................619
Tyler, John, of London, bracket clock, ebony..................................886

U
Ueberall, Heinrich, of Berlin, dealer..................................................1130
Uhrenfabrik Bahnzeit, of Glashütte, precision pendulum clock.................688
Uhrig, Johann Ernst Adolph, of London, balance, compensation.................960
Uhrmacherschule, Furtwangen, regulator, longcase................................1047
University
Eichstätt.........................................................................................775
Freiburg..............................................................................................771
Karlsruhe.........................................................................................770
Upjohn, James, of London..................................................................994
USA Section, see AHS, American Section
Usher and Cole, of London chronometer, box, India list
   no. 1927......................................................................................1124
   nos. 2198, 2/6536.................................................................1124

V
Vale & Rotherham, of Coventry......................................................1085
Vallin, Johannes (Juan, Jean, John).....................................................1073, 1074
Vallin, Nicholas, of London..............................................................931, 1066, 1067, 1073
Valogne, of Paris, mantel clock, inlaid ebony case, day of month and week..1034
van Baik, Tom....................................................................................615
van der Boisch, Jan, of New Amsterdam..............................................846
Vancouver, George............................................................................1061
Vatin, Nicolas.....................................................................................685
Vaucanson, Jacques, automaton duck....................................................799
Veitch, David, visit report.................................................................1001–2
Velasco, Luis de..................................................................................1064
Veldhoven, Leonard van, Mayor Morbier Comtoise. Birth and life of a legendary clock, reviewed........................................................987–8
Vereinigung für Chronometrie, (Association for Chronometry)................960–1
Verger, Émile, of Paris.........................................................................815
Verhagen, of Glashütte, precision pendulum clock.................................688
Vienna regulator, see wall clock
visit, reported by
   Hutchinson, Robin....................................................................859–60
   Kersten, Paul H.M.......................................................................709
   Sykes, Geoff................................................................................864
   Veitch, David..............................................................................1001–2
visit to (see also tour)
   Birmingham
      Avery Historical Museum.........................................................859–60
      Council House (‘Big Brum’)......................................................864
      Fellows Auctioneers................................................................859
visit to, continued,
   Haarlem, Boom-Time Collection
      (Frans Hals museum)..........................................................709
   Leiceste, Abbey Pumping Station.............................................1003–4
   Leith, Trinity House......................................................1001–2
   Museum van het Nederlandse Uurwerk.................................709
   Vissière, Simon, of Le Havre, balance, compensation....................958, 960
   Vitruvius [Marcus Vitruvius Pollio], De Architectura.......................653
   Vivero y Velasco, Don Rodrigo de.............................................1063–4
   Vizcaino, Sebastian.....................................................................1064
   Vulcan in his smithy, fan with watch.............................................1130
   Vulliamy, Benjamin, of London, mantel timepiece, biscuit porcelain and marble..734
   Vulliamy, Justin, of London
      Justin Vulliamy and the Swiss Community
         ..., lecture by Roger Smith.............................................699–700
         regulator, longcase, with directions for fixing up....................1028
   Vulliamy, of London longcase clock, no. 354, mahogany..................592–3
longcase regulator.................................................................904

W
wa-دوکی, Touzou, Toda..................................................................1062
wall clock (see also regulator, wall)
   Vienna regulator, no. 8685, timepiece.........................................738
   wall clock, by
      Hartk, Josef, of Vienna, Dachluhr.........................................886
      Meredith, John, of London, drum cartel................................1044
   wall clock, English dial, by
      Buckwell, Edward, of Brighton.............................................602
      Widenham and Adams, of London, drop dial, passing strike, motto dial....893
      Wallingford, Richard of, escapement......................................659
      Walsh, Robert, of Dalkeith, longcase clock..........................1002
      Waltham Watch Company......................................................638, 1103
      Thirty Years, Friedberg destroyed in...665, 666
      Warner, John, of Draycott (Wores)
         lantern clock.....................................................................600, 758, 892, 1048
      Warwick, of Stratford, London, pallet maker.........................642
      watch (see also chronometer, pocket; deck watch; watch, enamel-cased)
         The faking of English watches,
            lecture by David Penney..............................................1153–4
            in a fan.............................................................................1130
            oval, c. 1625.....................................................................1134
            production methods, Kullberg’s.....................................638–9
            Swiss, c. 1850, railway and local time..........................780
         WWII GSTP pocket watch.....................................................693
      watch, alarm, see alarm watch
      watch, automatic, see self-winding watches
      watch balance maker, Steer, of Coventry...............................642
      watch, belonging to, see watch, formerly property of
watch, by (see also chronometer, pocket, by)
Banks, Joseph, of Nottingham, differential dial...........................................672–3
Barraud and Lund, of London, no. 3/2253, stolen........................................720
Barwise, John, of London, senior no. 37........................................631, 632
no. 739, verge, enamel..................632, 633
Barwise, of London
no. 10/241............................................714, 715
no. 12/676 (1865)..................................634
Breguet, Abraham Louis, self-winding...913–28
Cáve late Barwise, no. 12/912.............634
Clay, Charles, of London
known examples listed..............948
no. 1197..............................................941
Cummins, Alexander [Cummings?]........702
Droz, Jules Huguenin, of Locle....................
Ellicott and Taylor, of London,
Westfield’s escapement......................702
Engelschalk, Johann Christian, of Friedberg,
differential dial..........................671–2
Engelschalk, Leonhard, of Friedberg,
enamel case..................................670–1
Foster, John, of Liverpool,
Barwise, John, of London, no. 37........631, 632
Fürstenfeld, Benedikt, of Friedberg,
minute repeat........................................787
Graham, George, of London,
(probably a forgery), ¼ repeat........1134
Gutkaes, Johann Friedrich, of Dresden....779
Hahn, Philipp Matthäus......................779
Happacher, Philipp, of Friedberg,
automaton, St Hubertus.....................791–3
Heckel, Johann, of Friedberg
half-quarter repeat..........................788, 789
minute repeat...................................787–8
Henlein, Peter, of Nuremberg.................910–11
Hubert, Pascal, of Rouen, enamelled case, alarm.........................1134
Jordan, Timothy, of London, no. 1579, repoussé case.................898
Kreitmayr, Elias, of Friedberg..........669–70
Lancashire Watch Company,
large collection of, stolen................720
Lancaster & Son, of Plymouth Dock,
no. 384, rack lever, stolen..................720
Litherland, Whiteside, of Liverpool,
no. 6699, rack lever, stolen................720
Longines, 1873................................779
Martinot, Zacharie, of Paris................1134
Papillon, of Paris,
no. 1069, self-winding .......................913–28
Patek, Philippe & Co.,
“The Hermance mouth”, enamel............1045
Perigal, Francis, of London, no. 915, ¼ repeat, enamel case........1035
Platt, E., of Prescot, no. 18710, stolen........720
Quare, Daniel, of London,
hour and half-hour strike..................900

watch, by, continued,
Recordon, of London,
no. 7277, ruby cylinder, ¼ repeat........739
Samson, of London (Dutch fake)............849
Tobias, M., no. 2965, rack lever, stolen....720
Tompion, Thomas, and Edward Banger,
no. 3367, movement..........................1052
Tompion, Thomas, of London, no. 3077...1051
Yates, Thomas, no. 3977, stolen.............720
Zollling, of London, sun and moon dial.......898

watch case (see also watch, enamel-cased)
watch case maker
Dewin, Joseph, of London..................714, 715
watch case maker’s mark
JD (Joseph Dewin)..........................714, 715
JDB........................................849
T.H........................................633

watch dials, painted scenes...............849
watch, enamel-cased (painted enamel)
Engelschalk, Leonhard, of Friedberg.......670–1
Hubert, Pascal, of Rouen, alarm........1134
Patek, Philippe & Co.,
“The Hermance mouth”....................1045
Perigal, Francis, of London,
no. 915, ¼ repeat, General Wolfe........1035

watch, formerly property of
Chapiro, Adolphe..................................787–8
George III, King..................................739
Martin, of Russell, Judge....................1134
Maskelyne, Nevil...............................762
Melanothon, Philip.............................911
Papai, Dr Ference Paris........................669–70

watch jeweller, Woods, of Clerkenwell......642
clock, letter
Barwise, John, of London, senior........627

watch, self-winding, see self-winding watches
water clock
adjustment for length of night...........652
alarm, Ripoll monastery......................656, 657
Archimedes.................................653, 654
Athens, Agora...................................652–3
carillon........................................656, 657
drum type........................................1013–14
Edfu (Apollinopolis Magna)................653
monastic........................................656
monumental.......................................652–3
use in Ancient World.........................649, 652

Waterhouse, Alfred, architect.............866
noted...............................................726
reviewed.........................................845–6
Watkinson, Peter, of Chard...................858
Watson, Andrew, of St Andrews
life and family..............................833
longcase clock dial,
for determining date of Easter...........827–33
Watson, Chris..................................996

John Smeaton of Leeds, letter
(research request).........................1014
Widenham and Adams, of London,
drop dial clock, passing strike, motto dial...........893
Wilding, John, *Strob escapement*, letter......1012–14
Wilhelm V, Duke of Bavaria, portrait of.........664
Willard, Aaron
portrait.....................................................985
shelf clock..................................................985
Willard family
brief history..................................................984
homestead, Grafton, MA................................984
workshop and tools........................................986
Willard, Joseph..............................................984
Willard, Simon, of Roxbury
desk and portrait........................................985
gallery clock................................................986
longcase clock..............................................985
patent timepiece...........................................985
turret clock, Boston (Mass.)..........................881, 905
William of Herschau.......................................657
Williams, Chris H.K.......................................1152
Williamson, of Coventry.................................1103–4
Willis, of London, dial maker..........................642
Willmore, Jacob, of Malines (Mechelen),
omodometer..................................................912
Wilmshurst, Ninyon, of Brighton,
longcase clock..............................................912
Wilson, Mike..................................................1004
winding
automatic, solar powered..............................1002–3
bottom wind carriage clock, LeRoy's patent
Jacot no. 10272..............................................747
LeRoy..........................................................740
winding key
Breguet et fils, of Paris, no. 4222,
carriage clock, ¼ repeat, alarm......................1049
Cox, James, of London, dated 1766..................834
Windmills, Joseph, of London
bracelet clock, ebonised, ¼ repeating.................743
longcase clock, month duration,
olivewood and parquetry...............................1038
musical clock................................................933
wireless time distribution................................782
*Observatory Time by Radio*,
lecture by David Read..................................856–8
Wise, Stanley J.
'* the author and his electric clocks*,
lecture by Geoff Horner...............................863–4
*Electric Clocks* (1948)................................863–4
Wisnpernter, Georg Ignatz, of Eichstätt,
longcase regulator.........................................775
Wolfe, General James,
depiction of with *Hope* on watch..................1035
Wolfendale, Sir Arnold..................................762
Fellowship of AHS awarded to.........................854
portrait......................................................854
Wontner, John, of London,
bracket clock, no. 192.....................................886
Wood-Heath, David........................................862
Wood, Sir Kingsley, Postmaster General..........850
wooden clock
  engraving of vendor..............................776
  free trade in making.............................776
Woods, chronometer, box, India list
  no. 120, sidereal................................1122
  no. 151.............................................1123
  no. 152.............................................1124
Woods, T.G., & Sons, of Clerkenwell,
  watch jeweller..................................642, 1090
Wordley, T., Ltd., of London,
  regulator, longcase............................1047
workshop, Willard family.........................986
world time clock, see dial, world time
Worthington, Daniel, of London, bracket clock,
  verge, mahogany, true bell top ................596
Wotruba, Thomas R., *The horological
  world of François Arsène Margaine*........807–26
Wren, Robert...........................................996
Wright, John, of Mansfield
  lantern clock.................................600, 758, 892, 1048
Wright, Thomas D..................................808
wrist-watch
  *The Invention and Early History of the
  Wristwatch*, lecture by Richard Edwards.....861
  military..........................................997
  radio-controlled................................782
  Seiko, Quartz Astron, 1969.....................779, 1158
  Smiths ‘Everest’.................................702
  as used in WWI trenches.......................693

X
Xavier, St Francis.................................1075

Y
Yardley, M.............................................996
Yates, H., of Liverpool, longcase clock........1132
Yates, Thomas, watch, no. 3977, stolen.........720
Yoshitaka, Ouchi....................................1075
Young, Charles, of London......................1108
For your further reading, see Further reading

Z
zodiac, see dial, zodiac signs
Zolling, of London, watch, sun and moon dial.898
ANTIQUARIAN
HOROLOGY

AND THE PROCEEDINGS OF
THE ANTIQUARIAN HOROLOGICAL
SOCIETY

INDEX

VOLUME XXXVI

March 2015 to December 2015

THE ANTIQUARIAN HOROLOGICAL SOCIETY
TICEHURST
MMXIX
### PAGINATION OF ISSUES

<table>
<thead>
<tr>
<th>Issue</th>
<th>Month</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>March 2015</td>
<td>1-148</td>
</tr>
<tr>
<td>Two</td>
<td>June 2015</td>
<td>149-296</td>
</tr>
<tr>
<td>Three</td>
<td>September 2015</td>
<td>297-444</td>
</tr>
<tr>
<td>Four</td>
<td>December 2015</td>
<td>445-592</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>593-615</td>
</tr>
</tbody>
</table>

ISSN 0003-5785 © THE ANTIQUARIAN HOROLOGICAL SOCIETY 2019
THE ANTIQUARIAN HOROLOGICAL SOCIETY

Registered Charity No. 260925

PRESIDENT: Professor LISA JARDINE CBE FRS FRHistS
CHAIRMAN: Dr. J. NYE
Secretary: Mrs W. BARR  Accountant: B. MACNAY  Librarian: E. POWELL
All correspondence should be addressed to the Secretary at 'New House', High Street, Ticehurst,
East Sussex, TN5 7AL.
Tel: 01580 200155, fax: 01580 201323, e-mail: secretary@ahsoc.org
Internet: http://www.ahsoc.org

VOLUME THIRTY-SIX

ANTiquarian HORology
AND THE PROCEEDINGS OF THE ANTIQUARIAN HOROLOGICAL SOCIETY
Issued Quarterly to Members
EDITOR: DR PETER DE CLERCQ

LIST OF ARTICLES

Gustave Loup – his life and his horological collection – Part 1
by Ian White ................................. 53-70
Keeping time at Shalstone: horological tribulations of the Purefoys, 1735 to 1752
by Alun C. Davies ........................... 71-83
The replacement of the war-damaged Shepherd dial at Greenwich by James Cooke & Son of Birmingham
by Douglas Bateman .......................... 84-90
Foliot revisited – the origins of the word by Hoseard Bradley ................................. 91-96
An exemplary clock-maker by Anthony Turner .............................................. 97-99
A watch by Peter Henlein in London? by Dietrich Matthes ......................... 183-194
Gustave Loup – his life and his horological collection – Part 2
by Ian White ................................. 195-211
The painted & engraved pewter longcase clock dials of Thomas Pyke Sr & Jr Part 1
by Nial Woodford ............................. 212-224
The long and expensive pursuit of an accurate timekeeper in Blackburn, Lancashire
by Steve and Darlah Thomas ............... 225-238
The English usage of foliot and balance by John A. Robey ......................... 239-243
Remembering the first battery-operated clock by Beverley F. Ronalds .................. 244-248
From Burgundy to Castile. Retracing and reconstructing a fifteenth century golden clock by Víctor Pérez Álvarez .............. 249-254
The secrets of John Arnold, watch and chronometer maker by Martyn Perrin ..................... 255-258
The painted & engraved pewter longcase clock dials of Thomas Pyke Sr & Jr Part 2
by Nial Woodford ............................. 333-342
The marine chronometer in the age of electricity by David Read ......................... 343-360
The role of the thirty-hour longcase clock Part 1 by Michael Grange ..................... 361-377
Watchmaking in Saxony – a review by Sibylle Gluch ................................. 378-385
The British Horological Institute and the education of watchmakers, 1858 to 1900
by Alun C. Davies ......................... 386-399
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>English provincial clockmaking 1695–1840: The role of the thirty-hour longcase clock – Part 2</td>
<td>Michael Grange</td>
<td>481-501</td>
</tr>
<tr>
<td>John &amp; Miles Brockbank, their life and work</td>
<td>A. D. Stewart</td>
<td>502-520</td>
</tr>
<tr>
<td>Short-time measurement – the contribution of German electrical horology</td>
<td>Thomas Schraven</td>
<td>521-540</td>
</tr>
<tr>
<td>Ole Rømer’s pocket watch</td>
<td>Poul Darnell</td>
<td>541-543</td>
</tr>
<tr>
<td>The clocks of an Anglo-Welsh knight: Sir Edward Don (1482-1551)</td>
<td>William Linnard</td>
<td>544-546</td>
</tr>
<tr>
<td>Picture gallery</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clocks in the Staatliches Museum Schwerin/ Ludwigslust/Güstrow</td>
<td></td>
<td>102-104</td>
</tr>
<tr>
<td>Longcase clock by Ahasuerus Fromanteel (I), c. 1662–65</td>
<td></td>
<td>259-264</td>
</tr>
</tbody>
</table>
INDEX TO VOLUME THIRTY-SIX

Compiled by Edward Powell
Page numbers in bold denote an illustration

A
Adams, G. of Fleet Street, London, demonstration movement .......... 121
Adamson of London, longcase clock, month-going .......................... 168
AHS Sixty-first AGM 16th May 2015 ‘Time and Transport’

Announcement of ................................. 112
Minutes of ....................................... 414-420
lecture reports by S. B. de Save 416-420
AHS Calendar 2015 ......................... 115, 274, 412
Calendar 2016 ................................. 557
AHS Canadian section 114, 273, 411, 556
AHS Chairman’s report by David Thompson ................................. 413-414
AHS Dutch section ............................. 114, 273, 411, 556
meeting reports by Paul H.M. Kersten 412-414
AHS East Anglian section
16 January 2015 AGM and talk ........ 555
21 November 2015 AGM and Bring and Discuss ......................... 410
lectures

The MacDowall’s lives, patents and clocks with helical mobiles by Kenneth Cobb ........................ 410
An update on Nicole Nielsen by Tony Maragna .............................. 114
A Twentieth-Century Renaissance in British Horology – The Contribution from Smiths by James Nye ............................................. 114
meeting reports by
John Glasby ............ 120-122, 425, 571
Nigel Platt .................. 425-6
Richard Curtis .................. 424
AHS Electrical Horology Group
28 November 2015 AGM and lecture: Frogs, Frequencies and Forks: The Bulova Accutron and the Tuning Fork as a Time Standard by Andrew Nahum ................................. 411
5 March 2015 An Excursion Around Some London Underground Clocks, tour .................................................. 556
meeting reports by James Nye ................................. 125, 285, 429, 575-6
AHS Irish section ............................... 114, 556
AHS library news by Edward Powell  .......................................................... 118, 275, 559
AHS London lectures by
Insights into the horological trade in Georgian London from evidence given at Old Bailey trials by David Bryden 408
New Light on Chronometer-Makers and the Instrument Trades by Gloria Clifton ................................. 113
Exhibiting horology across the Channel: International Exhibitions in London and Paris 1850-1870 by Françoise Collanges ................................. 271
Sundials – History, Art, People, Science by Sir Mark Lennox-Boyd .................. 553
Frogs, Frequencies and Forks: The Bulova Accutron and the Tuning Fork as a Time Standard by Andrew Nahum ................................. 409
Metals for Horology: a History of the Brass and Related industries by Angus Patterson ................................. 554
reports by S. B. de Save ................................. 118-9, 275-277, 560-61
new venue ................................. 552
AHS Midlands section
28 November 2015 AGM and Club Day .......................................................... 410
11 April 2015 day out: Birmingham and Sutton Coldfield ..................... 114
7 April 2015 day out in Derby: Rolls Royce Heritage Centre & Smiths of Derby .......................................................... 555
AHS Midlands section continued

lectures

-Making a new longcase clock case
by Chris Ayres ......................... 410
-Courtenay Ilbert by Paul Buck ... 410
-Demonstration of servicing an IWC pocket watch by Owen Gilchrist 555
-At 60 miles per hour the loudest noise in this new Rolls Royce comes from by James Nye ............. 555
-Uttoxeter clock cases by John Robey ........................................ 114

meeting report by John Robey ... 279-80

AHS news ..................................... 275, 413

AGM 2016 and Election of Members to Council ......................... 557
bits from the Blog ................................ 420
book sale John Clifford collection ... 560
from the Chairman ...................... 328
from the Editor ..................... 32, 180, 328
from the Secretary ................. 117, 557
Index for Volume 34 .................... 559
London lecture series 2016 .......... 557
new Chairman .......................... 117
referees .............................. 559
study tours ............................ 560
subscription increase .................. 420

AHS Northern section

club nights

8 January 2015 AGM and short films .............................................. 555
12 February 2015 German horology .............................................. 555
10 April 2015 Bring and discuss letters P&Q ......................... 114
12 June 2015 carriage clocks ............................................... 114
9 October 2015 tools ............................................................... 410
11 December 2015 Christmas social. Horological paraphernalia .... 410

lectures

-Wristwatches by Jim Arnfield .. 555
-Editing Antiquarian Horology by Peter de Clercq .................. 114
-Hugh Pannell and his Clocks by David Severs .................. 410

meeting report by
-Darlah Thomas ......................................... 277-279, 422, 567-570
-Jim Hannah / Peter Torry .......... 277
-AHS President Professor Lisa Jardine .................................. 180
-AHS prize for Birmingham students .. 421-2
-AHS prize winner Tabea Rude .......... 428
-AHS Programme
-Spring 2015 ............................ 114-115
-Autumn 2015 ............................. 410
-Winter 2016 ............................. 555-556

AHS South Eastern section

AGM at Belmont 3 October 2015 report by Vernon Morris ............ 572

lectures

-The restoration of a bracket clock by Barling of Maidstone by Sid Lines ......................... 555
-Watches by Breguet held in the Lord Harris Collection at Belmont by Andrew Crisford .... 411
-The Trading Network of the Black Forest Clockmaker by Richard Constable .................. 114
-The English Lever Pocket Watch by Richard Edwards ................. 411
-The Antikythera Mechanism A Planetarium; the discovery and reconstruction of the world's oldest geared mechanism by Michael Wright ........................................ 114

6 February 2015 Bring & Discuss ... 555

meeting report by
-Barnaby Smith ...................... 123-4
-Clive Driscoll ......................... 571-2
-David Wood-Heath .................. 282-3
-John G. Taylor ...................... 426
-Michael Gibbons ................. 122-3, 427

AHS Southern section

17 October 2015 AGM ....................... 411

Lectures
-Hills of Sudbury: A Horological Family; and Wristwatches for the Great War, by Jonathan Hills ................. 556
-The Tavern Clock by Martin Gatto ............................................. 556
Álvarez, Víctor Pérez
From Burgundy to Castile. Retracing and reconstructing a fifteenth century golden clock, article .......... 249-254
The Spanish term for foliot: volante, letter ................................. 433
Troestenbergh/berch, letter .......... 135
Arnold, John and Dorothy, adultery trial (1779) ............................. 256
Arnold, John see Martyn Perrin article
Astronomer Royal
Sir Harold Spencer Jones .......... 85
Maskelyne Astronomer Royal see
Rebekah Higgitt ............................. 407
Ault of Belper, longcase clock .......... 496
Avery, Amos of London, longcase clock 168
Ayres, Chris, Making a New Longcase Clock Case, lecture ............. 410

VOLUME THIRTY-SIX

B
Bannister, Anthony of London, longcase clock, miniature month-going .......... 148
Barbier, Le Jeune à Paris, mantel clock, multi-dial .......................... 22
Barlow, William of King’s Lynn, Norfolk, lantern clock ...................... 12, 60, 308, 464
Barnett, John of London, lantern clock 464
Barrow, enamelled watch circa 1695 ........................ 173
Bateman, Douglas, The replacement of the war-damaged Shepherd dial at Greenwich by James Cooke & Son of Birmingham, article .................................................. 84-90
Bayley, Thomas, see Street and Bayley . 213
Berthoud, Ferdinand, of Paris, bracket clock ........................ 102
Best, Thomas, London, bracket clock, musical ........................................ 19
Betts, Jonathan, Reply to R.J. Elliott, letter on Half-deadbeat escapement .... 135
BHII Conservation – Restoration Forum, report by Kenneth Cobb & Keith Seobie-Youngs .................................................. 182
The British Horological Institute and the education of watchmakers, 1858 to c.1900, article by Alun C.Davies .......... 396-399
Blackburn Market House and Town Hall ............................................. 225-234

AHS Southern section continued
Breguet’s Mechanical Inventions by Andrew Crisford .................. 115
Matthew Read and the clock students at West Dean College ................. 115
The Golden Age of British Clockmaking by Mike Cowham .................. 411
5 December 2015 Christmas Social Bring and Discuss ...................... 411
meeting reports by
Ian White .................. 124, 283-4, 574
Ian White and Richard Newton ............................................... 575
visit to a private collection .......... 115
AHS 2015 Study Tour to Oxford
itinerary by Susan Knight .......... 275
report by Robin Hutchinson .... 562-566
AHS Turret Clock Group
23 to 27 June 2015 Tour of Northern Italy .................................... 114
9 and 10 October 2015 Tour in Dorset and AGM ....................... 411
meeting report by
Geoff Sykes ................ 285, 430-31
Ian Coote .................. 576-8
AHS USA section .......... 114, 273, 411, 556
AHS USA section 2014 Study tour of central Germany report by Robert and Sue Gary ................................................. 126-134
AHS West Country section ............ 114, 273, 411, 556
AHS Western Canada section .... 114, 273, 411, 556
AHS Wristwatch Group
formation .......................... 270
29 October 2015 Viewing of Breguet watches, with lectures ................... 411
meeting report by Laura Turner .... 578-9
14 January 2015 How Original: A discussion ................................ 556
Alfred Baur museum .................. 56
Allam & Clements of London, bracket clock .................................. 459
Allix, Charles (1921–2015), obituary ............................................. 181, 329-331

AYRES, Chris, Making a New Longcase Clock Case, lecture 410

B
Bannister, Anthony of London, longcase clock, miniature month-going .......... 148
Barbier, Le Jeune à Paris, mantel clock, multi-dial .......................... 22
Barlow, William of King’s Lynn, Norfolk, lantern clock ...................... 12, 60, 308, 464
Barnett, John of London, lantern clock 464
Barrow, enamelled watch circa 1695 ........................ 173
Bateman, Douglas, The replacement of the war-damaged Shepherd dial at Greenwich by James Cooke & Son of Birmingham, article .................................................. 84-90
Bayley, Thomas, see Street and Bayley . 213
Berthoud, Ferdinand, of Paris, bracket clock ........................ 102
Best, Thomas, London, bracket clock, musical ........................................ 19
Betts, Jonathan, Reply to R.J. Elliott, letter on Half-deadbeat escapement .... 135
BHII Conservation – Restoration Forum, report by Kenneth Cobb & Keith Seobie-Youngs .................................................. 182
The British Horological Institute and the education of watchmakers, 1858 to c.1900, article by Alun C.Davies .......... 396-399
Blackburn Market House and Town Hall ............................................. 225-234

VOLUME THIRTY-SIX

Álvarez, Víctor Pérez
From Burgundy to Castile. Retracing and reconstructing a fifteenth century golden clock, article .......... 249-254
The Spanish term for foliot: volante, letter ................................. 433
Troestenbergh/berch, letter .......... 135
Arnold, John and Dorothy, adultery trial (1779) ............................. 256
Arnold, John see Martyn Perrin article
Astronomer Royal
Sir Harold Spencer Jones .......... 85
Maskelyne Astronomer Royal see
Rebekah Higgitt ............................. 407
Ault of Belper, longcase clock .......... 496
Avery, Amos of London, longcase clock 168
Ayres, Chris, Making a New Longcase Clock Case, lecture ............. 410
| Blackburn |  |
| Market House clock | 230 |
| accident to the new time ball | 234 |
| clock tower collapse and demolition | 237-8 |
| Reid Brothers | 233 |
| time ball and vane | 231 |
| Joyce, J.B. & Co. replacement clock of 1889 | 236 |
| Black Forest Clockmaking, see Richard Constable’s lecture |  |
| Blaylock, John, turret clock at St Mary’s, Rockcliffe | 229-230 |
| Blaylock, John of Carlisle | 228 |
| Bonnin, Jérôme, *La Mesure du temps dans l’Antiquité*, reviewed | 549-550 |
| Boot of Sutton in Ashfield, longcase clock dial | 497 |
| Boreham, John of Shimpling, Suffolk, lantern clock | 462 |
| Borrell, Henry of London | 199 |
| bracket clock, musical, Turkish | 4-5 |
| bracket clock | 200 |
| bracket clock by |  |
| Allam & Clements of London | 459 |
| anonymous, English, grande-sonnerie | 175 |
| anonymous, hexagonal | 176 |
| Barling of Maidstone, see Lines, Sid | 555 |
| Berthoud, Ferdinand of Paris | 102 |
| Best, Thomas of London, musical | 19 |
| Borrell, Henry of London, Turkish | 4-5 |
| Cabrier, Charles of London | 446 |
| Chater, James, London | 12 |
| Cole, Thomas, London | 158, 178 |
| Craft, William Hopkins, ornamental | 198 |
| De La Fons, Royal Exchange | 154 |
| de Magellan, John Ilyacinth, London | 470 |
| Dutton, Matthew and Son, London, No. 347 | 469 |
| East, Edward | 171 |
| Graham, George, No. 775, ‘The Beach’ | 592 |
| Grant, Fleet St, London, grande-sonnerie No. 269 | 463 |
| Gregg, Richard of London, grande-sonnerie | 24 |
| Holmes, Thomas, Cheadle | 463 |
| Howlett and Horne | 196-197 |

Jaquet-Droz and Leschot, quarter repeating | 67 |
| Jennens, J.C., London, quarter striking | 160 |
| Jones, Henry, London | 453 |
| Knibb, Joseph, London | 165, 477 |
| Knight, Michael of London | 30 |
| Leschot and Jaquet-Droz, quarter repeating | 67 |
| Markwick Markham, London | 167 |
| Nuremberg c. 1570 | 191 |
| Perigal, Francis musical with automata | 149, 197-198 |
| Player, Robert of London | 307 |
| Puller, Jonathan, London | 161 |
| Quare, Daniel and Horseman, Stephen, London, No. 226 | 469 |
| Robson, William, London, musical | 19 |
| Stirling, Samuel, London | 314 |
| Thompson of London | 201-206 |
| Taylor, Jasper of London | 468 |
| Tomlinson, William, London | 9, 150 |
| Tompion, Thomas of London, No. 23 ‘Lonsdale’ | 444 |
| Thomas, James of Chester | 160 |
| Tucker, Christopher, London | 463 |
| Ward, Robert of London, musical | 195-196 |
| Watson, Samuel, London | 467 |

bracket clock (see also table clock)

Bradley, Howard, *Foliot revisited – the origins of the word*, article | 91-96 |
| Brequet patent No. 73414 for a tuning fork oscillator | 347 |
| Brequet & fils, marine chronometer, two-day | 27 |
| Brequet, Abraham Louis of Paris, watch No. 1553 | 543 |
| British Clockmaking, see lecture by Mike Cowham |  |
| Brock of London, regulator with four legged gravity escapement | 457 |
| Brockbank, Jno., of London, coach watch, musical | 516 |
| Brockbank’s of London |  |
| genealogical table | 503 |
| serial numbers graph | 509 |
| hallmark years and serial numbers | 508 |
| see also Stewart, A. D |  |
Bromley, see Lister and Bromley
Bryden, David,

*Insights into the horological trade in Georgian London from evidence given at Old Bailey trials*, lecture 408
Buck, Paul, *Courtenay Ilbert*, lecture … 410
Bulova Accutron Navigator Mark II marine chronometer 348
Bundock, Mike, South Eastern section meeting report 573-4
Bunston, Henry of Lyme Regis, lantern clock 160, 308, 464
Burgess, Martin with his ‘Clock B’ 37
Burgundy, clock of Philip the Good 184
Bush, James, of London, longcase clock with a globe moon 168
Butler, Caleb of Christchurch, longcase clock 335
Butterworth of Cawthorne, longcase clock dial 499
Bussell, Thomas of Cullompton, longcase clock 334
Byrne of Birmingham, false plate 216

C

Cabrier, Charles of London

bracket clock 446
longcase clock 298
Calver, Bren,

*Foliot seen as flapping wings*, letter 86-7
Campiche, Henry of Geneva

marine chronometer 344
marine chronometer patent 3449 344
Camus, Bishop Jean-Pierre, portrait 97
Capriglia’s *Misura Del Tempo*, illustrations from 242-243

Carriage clock by

Drocourt, repeating 21, 302
Frodsham, Charles, of London 304
Jump, Joseph, of London 13
Klentsehi, grande-sonnerie 447
Le Roy & Fils, grande-sonnerie 452
McCabe, James 299
Mignonette, oval 302
Vulliamy, Benjamin Lewis, of London No.875 301

Carter, Jonathan see under Garnier and Carter
Carter, William of Amphill, lantern clock 318
Castle Street, Liverpool circa 1831 41
Celidoine (clockmaker) 98
chamber clock mid-fifteenth-century, Burgundian 250
Charles X eglomise giltwood barometer by ‘Ostinelli opticien a Paris’ 172, 314
Chater, James, of London, bracket clock 12
Chronograph, recording, see Löhner chronometers, marine by

Ato/Lavet patent for transistorised switching 346
Brequet patent No. 73414 for a tuning fork oscillator 347
Breűet & fils, two-day 27
Bulova Accutron navigator mark II 348
Campiche 1910 344
Campiche patent 3449, 1904 344
Ditisheim, Paul, Electro-mechanical timekeeper No. 2, 1912 345
Dubois, Louis with one minute remontoire 345
Glashütte, quartz with impulse coil and indexing mechanism 357
Leroy Chronostat III, complete ship’s system 347
Leroy, Chronostat IV 354
Longines/Golay micro quartz for ships and aircraft 353
Mercer M.39 351
Mercer/Oscilloquartz B-1390 343, 351
Omega Cal. 1525 355
Oscilloquartz B-1390 343
Patek Philippe, of Geneva

Chronotome Type CC 353
ECK 24 ship’s systems master clock 352
first small quartz clock 352
Naviquartz E 1200 352
Post Office Development Laboratory portable quartz clock 349
Seiko 951 temperature compensation 358

601
chronometers, marine by continued
Seiko qM-20 ........................................ 358
Seyffert, Johann Heinrich, of Dresden 38
Sperry, ‘breadboard’ restoration ........ 350
Sperry, prototype quartz for the Royal
Navy ............................................. 350
Wempe, Marine-quartz Type 904 .. 355-6
Wempe, Type 907 electrically wound
spring detent .................................... 345
Yantai, Polaris SY2 ............................. 359
See also. *The marine chronometer in the
age of electricity*, article by David Read
chronometer and watch production of
principal London makers, table ........... 518

chronoscope
Favag, Neuchatel .............................. 532
Hipp, Neuchatel ............................... 528-535
with a synchronous motor time-switch
......................................................... 534
Oelschläger’s 1848 measurements .. 536

Clements, see Allam & Clements

Clifton, Gloria,
*New Light on Chronometer-Makers and
the Instrument Trades*, lecture .... 113
obituary ............................................. 36-37

Clockmakers of Britain, book  by Jeremy
Evans, reviewed ....................... 105
clock, impulse see Lübner
clock cases, see article by John Robey
clock electric, see article by Beverley
Ronalds

clocks, grande-sonnerie
Klentschi ................................. 447
anonymous, English ........................ 175
Le Roy & Fils ............................... 452
Grant, Fleet St, London No. 269 .... 463
Gregg, Richard of London ................. 24
Le Roy & Fils ............................... 452
Tomlinson, William, London .......... 150


clocks, musical by
Best, Thomas, London .................. 19
Borrell, Henry of London, bracket clock,
Turkish ........................................... 4-5
Perigal, Francis, bracket clock with
automata ................................. 149, 197-198
Robson, William, London, bracket clock
............................................. 19

Ward, Robert, bracket clock ........ 195-196
Cloud of Beaminster, turret clock maker
....................................................... 577

Cobb, Kenneth,
The MacDowall’s lives, patents and
clocks with helical mobiles, lecture 410
Cobb, Kenneth & Scobie-Youngs, Keith, *BHI
Conservation – Restoration Forum* report
.................................................. 182

Cole, James, of Nether Stowey, longcase
clock ........................................... 339

Cole, Thomas, of London
bracket clock .................................. 178
boudoir timepiece No: 989 1 .......... 10
bracket clock ................................. 158

Collanges, Françoise,
*Exhibiting horology across the Channel:*
*International Exhibitions in London
and Paris 1850-1870*, lecture .... 271

Condill, James of Liverpool
skeleton clock ................................ 320
skeleton clock, quarter chiming .... 169

Constable, Richard,
The *Trading Network of the Black
Forest Clockmaker*, lecture .......... 114

Cooke, James & Son Ltd., of Birmingham,
company history ......................... 88-90

Coote, Ian, Turret clock group meeting
report ........................................ 576-8

‘Cottrell’ watch by Thomas Tompion ... 543

Courtis, William of Selworthy, apprentice
clockmaker .................................. 214

Cowham, Mike, *The Golden Age of British
Clockmaking*, lecture .................. 411

Cowper’s Court at 32 Cornhill ........ 504

Craft, William Hopkins, of London, bracket
clock ........................................ 198

Crisford, Andrew
Breguet’s Mechanical Inventions,
lecture ......................................... 115

Watches by Breguet held in the Lord
Harris Collection at Belmont, lecture
.................................................. 411

Crofts of Newbury, longcase clock 489-490

Curtis, Richard, East Anglian section
meeting reports ......................... 424

D

da Capriglia, Giuseppe ................. 241
da Vinci, Leonardo, drawing of a stackfreed .................................................. 185
Davies, Alun C.

The British Horological Institute and the education of watchmakers, 1858 to c.1900, article .......................................................... 396-399

Keeping time at Shalstone: horological tribulations of the Purefoys, 1735 to 1752, article .......................................................... 71-83
de Clercq, Peter

A List of Church, Turret and Musical Clocks. Manufactured by John Moore & Sons, reviewed .................................................. 405

Editing Antiquarian Horology, lecture .......................................................... 114

The Zytglogge in Bern, letter .......................................................... 136
de Lecq, Jean-André, scientist, Reader to Queen Charlotte .......................................................... 244
de Magellan, John Hyacinth, of London, bracket clock .......................................................... 470
de Save, S. B.,

London lecture reports ..........................................................

................. 118-9, 275-277, 416-420, 560-61

AGM lecture reports .......................................................... 416-420

Darmesteter and Hatzfeld, lexicographers .......................................................... 91-2

De Wick clock, from Rees’s Cyclopaedia .......................................................... 240

Deykin of Worcester, longcase clock .......................................................... 484

Ditisheim, Paul, marine chronometer .......................................................... 345
dome clock by Patek Phillipe .......................................................... 305

Don, Sir Edward, see Linnard, William

Driscoll, Clive, South Eastern section meeting report .......................................................... 571-2

Drocourt, carriage clocks .......................................................... 21, 302

Dubois, Louis, marine chronometer with one minute remontoire .......................................................... 345
ducks, decoy, hand-carved, 19c .......................................................... 101

Dutton, Matthew and Son of London, bracket clock, No. 347 .......................................................... 469

Dutton, Thos. Fleet Street, London, tavern clock, two train .......................................................... 310

Dwerrihouse, Berkeley Square, London, wall clock .......................................................... 166

E

East, Edward of London, bracket clock . 171

Edwards of Bishop’s Castle, longcase clock movement and dial .......................................................... 493-494

Edwards, Richard, The English Lever Pocket Watch, lecture .......................................................... 411
electrical horology

see Thomas Schraven article

see Time Network, exhibition

Ellicott of London, watch in the Ashmolean Museum .......................................................... 563

‘Emperor’ monument clock, Landesmuseum, Wurttemberg .............. 253

engraver’s tool, pressure marks of the .......................................................... 220

‘English provincial clockmaking’ see

Michael Grange article

Ermert, Jürgen,

Praezisionspenduhren in Deutschland von 1730–1940 reviewed .......................................................... 267

escapement

Half-deadbeat see R.J. Elliott .......................................................... 135

Escapement, gravity double 3 legged .......................................................... 236

four legged by Brock of London .......................................................... 457

Eser, Thomas, The world’s oldest pocket watch? The Henlein controversy, reviewed .......................................................... 265-6

Essen, Ray, The Birth of Atomic Time, reviewed .......................................................... 268

Ettry of Bishops Cannings, longcase clock .......................................................... 499

Evans, Jeremy,

Brian Loomes, Clockmakers of Britain 1286–1700, reviewed .......................................................... 105

Evill, James of Bath, wall clock .......................................................... 16

Exhibitions

Exhibiting horology across the Channel: International Exhibitions in London and Paris 1850-1870, lecture by

Françoise Collanges .......................................................... 271

Patek Philippe Watch Art .......................................................... 331-2

Ships, Clocks & Stars 2014 .......................................................... 39

The Time Network, Dutch Clock and Watch Museum in Zaandam .......................................................... 39
Fromanteel, Ahasuerus
Froissart, Jean
marine
Frodsham, William Edward
Frodsham, Charles
Puddletown, Dorset
Friedrich Franz I
Fraser, John of
clock
Fordham,
wall painting
Foley, Paul J.,
Flagett, William of Newbury, longcase clock
Finney, Joseph of Liverpool, longcase clock
Further reading
... 375-376
Foley, Paul J., A Pyke dial in America,
letter ........................................... 582
foliot see
The English usage of foliot and balance
by John A. Robey ....................... 239-243
Foliot revisited – the origins of the word
by Howard Bradley .................. 91-96
Foliot seen as flapping wings, letter by
Bren Calver .......................... 86-97
The Spanish term for foliot: volante by
Víctor Pérez Álvarez ................. 433
The word foliot, by William Linnard
........................................... 100-101
Force and Atemprance in a 14th century
wall painting .................................. 95
Fordham, John of Great Dunmow, lantern
clock ........................................... 464
Fraser, John of Worcester, lantern clock 12
Friedrich Franz I uhrenkabinett .......... 103
Frodsham of London, turret clock at
Puddletown, Dorset .................. 577
Frodsham, Charles, London.
wall regulator, month going .......... 309
carriage clock No. 2188 ................ 304
Frodsham, William Edward, of London,
marine chronometer .................. 323
Froissart, Jean, portrait ................. 92
Fromanteel, Ahasuerus, longcase clock
........................................... 260-264
further reading
AFAHA Revue ........................... 287, 434
ANCAHA Bulletin ....................... 287, 434
Bulletin of the British Sundial Society
........................................... 288, 435, 583
Chronométrophila Bulletin ............ 587
Clocks magazine 138, 289, 435-436, 584
Horological Journal ... 139, 436-7, 584-5
Horological Science Newsletter ... 437-8
Klassik Uhren ......................... 141, 291, 438
La Voce di Hora ....................... 141, 438
TIJDschrift .......................... 141, 291
Watch & Clock Bulletin .............
........................................... 139-141, 289-291, 585-7
Gaia Prize for 2015 .................... 479
Garnier, Richard and Carter, Jonathan,
The Golden Age of English Horology:
Masterpieces from the Tom Scott
Collection, reviewed ............. 400-402
Gary, Robert and Sue, USA section Study
Tour report ......................... 126-134
Gascoigne, Samuel, London, longcase clock
........................................... 318
Gatto, Martin,
The Tavern Clock, lecture .......... 556
Gibbons, Michael
(1938–2015) obituary .............. 478
South Eastern section meeting report
........................................... 122-3, 427
Gilchrist, Owen, Demonstration of
servicing an IWC pocket watch, talk ... 555
Gilkies of Shipston, longcase clock . 483-484
Gilkies of Adderbury, longcase clock ... 481
Gillett and Bland turret clock maker ... 577
Glasy, John, East Anglian section meetings
reports ......................... 120-122, 425, 571
Glashütte quartz marine chronometer 357
Gluch, Sybille,
Watchmaking in Saxony – a review,
article .................................. 378-385
Graham, George of London
bracket clock ‘The Beach’ No. 775 ... 592
lecture by McEvoy, Rory .......... 114
Grange, Michael,
English provincial clockmaking 1695–
1840. The role of the thirty-hour
longcase clock, article
Part 1 .................................. 361-377
Part 2 .................................. 481-501
Grange, Michael collection of thirty-hour
longcase clocks in the British Museum’s
........................................... 361-2, 501
Grant, Fleet St, London, bracket clock,
grande-sonnerie No. 269 ........... 463
Grant, Thomas of London, watch .... 195
H

Hadwell, Charles P.,

*Samuel Thorp turret clock,* letter … 579
hallmarks .................................................. 192
letter by Philip Priestley ...................... 135
Hannah, Jim & Torry, Peter, Northern
section meeting report ......................... 277
Hardy, William of London, spring-detent
observatory regulator ........................... 26
Harman of Horsham, longcase clock … 376
Harris of Chippenham, longcase clock .. 499

Harrison Decoded. *Towards a perfect pendulum clock*

1st conference report by Rory McEvoy

.............................................................. 37-38

2nd conference report by James Nye 182
Hartley, M. of Silchester turret clock maker

.............................................................. 577
Hatfield see Darmesteter and Hatfield 91-2
Henlein, Peter, invoice note for a timepiece

.............................................................. 193
Henri II, King of France, portrait ........ 189
helical gearing ............................................ 315
Higgitt, Rebekah editor, *Maskelyne*
*Astronomer Royal,* reviewed ............ 407
Hill, George of Lambourn, longcase clock
dial ........................................................ 486
Hill, Thomas of Lambourn, longcase clock
dial ....................................................... 486
Hills, Jonathan,

*Wristwatches for the Great War,* lecture

.............................................................. 556

*Hills of Sudbury: A Horological Family,*
lecture ..................................................... 556
Hills of Lambourn ................................... 485
Hipp chronoscope

advertisement for .................................... 539
burning time experiment ...................... 536
illustrated in Hirsch ............................. 529
measurement of a falling body ............. 535
memory test ............................................. 538
model 75, No. 2889 .............................. 529
model 88, No. 12692 ............................ 530
oldest surviving ................................. 528
projectile velocity experiment ............. 536
reaction times tests .............................. 538
table of surviving Hipp chronoscopes 535
with a special contact sold by F.L.
Löbner, Berlin ........................................ 533
with reset of the hands .......................... 534
Hodges, Edward of Spalding, lantern clock

.............................................................. 12, 160, 308, 464
Hofland, Carel, *Het Tijdenetwerk [The Time
Network],* reviewed .............................. 405
Holmes, Thomas, of Cheadle, bracket clock,
quarter chiming ..................................... 463
hook & spike timepiece alarm by William
Carter of Amphill ................................. 318
Hooker, William of Cliffe, Lewes, longcase
clocks .................................................... 487, 489
Hornby, Richard of Liverpool, watch
movement ................................................. 43
Horne, see Howlett and Horne
Horological News ................................. 33, 181, 329
2015 Gaia Prize ....................................... 479
open day 9 April 2016 .......................... 479
Patek Philippe Watch Art Grand
Exhibition ............................................... 331-2

*The Clockmakers Museum by James Nye*

.............................................................. 479-480
Horseman, Stephen see Quare & Horesman
Howlett and Horne, bracket clock for
Chinese market .................................... 196-197
Hunsdon, Edward of Chelmsford, lantern
clock ..................................................... 12, 160, 308, 464
Hutchinson, Robin, Midlands section
meeting reports ........................................
.............................................................. 119-120, 281, 423, 562-566, 570
Hutley, Thomas of Coggleshall, lantern clock
............................................................. 160
Huygens, Christiaan, spiral balance spring
............................................................. 542

I

Index for Volume 34 .............................. 420

J

Jack, see striking jack
Jackson, William of Loughborough, lantern
clock ..................................................... 12, 160, 308, 464
Jaullberg, Victor of London

AHS president .................................. 180
Obituary ........................................ 476
Jennens, J.C., of London, bracket clock,
quarter striking ............................... 160
Jobson, Tommy, John Pace and Dan
Quare, letter .................................. 286
Jones, Henry, of London, bracket clock 453
Jones, Sir Harold Spencer, 10th Astronomer
Royal ............................................ 85
Joyce, J.B. & Co., of Whitechurch, turret
clock maker ................................. 235
Jump, Joseph, of London, carriage clock
with perpetual calendar ..................... 13

Jürgensen Dynasty see John M.R. Knudsen

K

Kaisermonumentuhr (Emperor monument
clock) in Landesmuseum, Wurttemberg
............................................. 253
Kersten, Paul, Dutch section meeting
reports ....................................... 124-5, 428-9
Keyte, Richard in Witney, lantern clock
............................................. 160, 308, 464
Klentschi, carriage clock, grande-sonnerie
............................................. 447

Knibb, John, of Oxford, longcase clock,
month going .................................. 319

Knibb, Joseph, of London

bracket clock ............................. 165, 477
lantern clock striking with alarm ... 465
longcase clock .............................. 326

night timepiece ........................... 176

Knifton, Thomas in Lothbury, London,
lantern clock ............................ 160, 308, 464
Knight, Michael, of London, bracket clock
............................................. 30

Knight, Susan, AHS Study Tour itinerary
.................................................. 275

Knudsen, John M.R., The Jürgensen
Dynasty: Four centuries of watchmaking
in two countries, reviewed ............. 403

Kullberg, Victor of London

watch No. 6199 ............................. 156
chronometer No. 8015 ................. 303
watch No. 4174 ......................... 271

L

La Cueillette watch .......................... 65
lantern clock by

Barlow, William of King’s Lynn
.............................. 12, 160, 308, 464

Barnett, John of London ................. 464
Boreham, John of Shimpling ........... 462
Bunston, Henry of Lyme Regis .......
............................................. 160, 308, 464
Carter, William of Amphiil ............................................. 318
Fordham, John of Great Dunmow ...
............................................. 464
Fraser, John of Worcester .............. 12
Gregorie, Jeremie at the Royall
Exchange ................................. 12, 160, 308, 464
Hodges, Edward of Spalding ...........
............................................. 12, 160, 308, 464
Hunsdon, Edward of Chelmford .......
............................................. 12, 160, 308, 464
Hutley, Thomas of Cogglesham .... 160
Jackson, William of Loughborough ...
............................................. 12, 160, 308, 464
Keyte, Richard in Witney, 160, 308, 464
Knibb, Joseph, of London ............ 465
Knifton, Thomas in Lothbury ........
............................................. 160, 308, 464
Lindsey, John of Nayland ............
............................................. 12, 160, 308, 464
Loomes, Thomas of London ......... 12, 160, 308, 464

Lovelock, Charles of Warminster .... 12
Markwick Markham of London ... 
............................................. 160, 308, 464
Marsh, Humphrey of Highworth ....
............................................. 12, 160, 308, 464
Moore, Thomas of Long Melford ....
............................................. 12, 160, 308, 464
Newton, William of East Smithfield
............................................. 12, 160, 308, 464
Norris, Joseph of Abingdon .......... 12, 160, 308, 464
Ogden, James of Soyland ............. 12, 160, 308, 464
Potter, Baldwin of Stockport .........
............................................. 160, 308, 464

Quelch, John of Oxford .............. 12
Rundell, Edward of Norton St. Phillips
............................................. 308, 464
Selwood, William of Lothbury .... 12
Snashall, William of East Grinstead
............................................. 12, 160, 308, 464
Stone, John .............................. 12, 160, 308, 464
lantern clock by continued
Stabling, Benjamin of Stowmarket ............. 12, 160, 308, 464
Swinnerton, Thomas of Newcastle under Lyme ........................................ 12
Voyce of Mitcheldean .......................... 497-498
Warner, John of Draycott ....................... 12
Watts, Thomas of Lavenham ................. 12, 160, 308, 464
Wright, John of Mansfield .................... 12, 160, 308, 464

Laurie, P. S., archivist at Royal Obsevatory, Greenwich ..................................... 84
Lavet (see under Ato/Lavet)
Le Roy & Fils, carriage clock, grand-sonnerie ........................................ 452
Lennox-Boyd, Sir Mark, Sundials – History, Art, People, Science, lecture .............. 553
Leroy, Chronostat marine chronometer .................................................. 347, 354
Léchot see Jaquet-Droz and Léchot
letters to the Editor

A Pyke dial in America by Paul J. Foley .............. 582

Foliot seen as flapping wings by Bren Calver ........................................... 286-7
Half-deadbeat escapement by R.J. Elliott ...................... 135
Hallmarks by Philip Priestley ................. 135
In memory of Charles Allix by John Cheetham ........................................ 580
John Pace and Dan Quare by Tommy Jobson ........................................... 286
Pewter clock dials analysis by John Davis ................................................. 432
Pyke dials revisited by Nial Woodford .................................................. 581
Reply by John Davis to Nial Woodford .................................................. 432
Reply to R.J. Elliott by Jonathan Betts .................................................. 135
Reply to Victor Pérez Álvarez by David Thompson and Johan ten Hoeve ... 135
Samuel Thorp turret clock by Charles P. Hadwell ...................................... 579

The Spanish term for foliot: volante by Victor Pérez Álvarez ...................... 433

The Zytglogge in Bern by Peter de Clercq ........................................ 135
Troestenbergh/berch by Víctor Pérez Álvarez ........................................ 135
Lindsey, John of Nayland, lantern clock ............................. 12, 160, 308, 464
Lines, Sid, The restoration of a bracket clock by Barling of Maidstone’, lecture 555
Linnard, William
The clocks of an Anglo-Welsh knight:
Sir Edward Don (1482-1551), article .................................................. 544-546
The word 'foliot', article ................. 100-101
Lissignol, Jean-Arthur ........................................ 69
Lister and Bromley of Halifax longcase clock ........................................ 495
Liverpool, Mount Pleasant ................. 44
Löbner, Berlin
huge stopclock, developed in 1895 ........................................ 521
impulse clock ........................................ 523
recorder ........................................ 524
recording chronograph ........................................ 522
Locke, John, letter to Ole Rømer .......... 541
London Clocks, reviewed by James Whiting ........................................ 108

The longcase clock by
Adamson of London, month-going .............................. 168
Ault of Belper ........................................ 496
Avery, Amos of London ........................................ 168
Bannister, Anthony, of London, month-going ...................................... 148
Boot of Sutton in Ashfield ......... 497
Bush, James, of London ........................................ 168
Butler, Caleb of Christchurch .......... 335
Butterworth of Cawthorne ............. 499
Bussell, Thomas of Cullompton .... 334
Cabrier, Charles, of London .......... 298
Clement, William, of Cullompton .... 174
Cole, James of Nether Stowey .... 339
Crofts of Newbury .............................. 489-490
Deykin of Worcester ......................... 484
Edwards of Bishop’s Castle .......... 493-494
Ettray of Bishops Cannings .......... 499
Finney, Joseph, of Liverpool ........ 168
Flagett, William, of Newbury .......... 375-376
Fromanteel, Ahasuerus (I) ............. 259
Gascoigne, Samuel, of London .......... 318

VOLUME THIRTY-SIX
longcase clock by continued
Gilkes of Shipston .......................... 483-484
Gilkes of Adderbury ......................... 481
Grange, Michael collection, list of clocks .............................................. 363-366
Harman of Horsham ........................ 376
Harris of Chippenham ....................... 499
Hill, George, of Lambourn ............... 486
Hill, Thomas, of Lambourn .............. 485
Hooker, William of Cliffe, Lewes .... 487-9
Knibb, John, of Oxford, month going 319
Lister and Bromley of Halifax .......... 495
Midgley, Richard .......................... 370
Murch of Honiton .......................... 492
Ninyon, Wilmshurst of Brighthelmstone .................................................. 487
Oatway of Torrington ...................... 492
Ogden, John, of Darlington .............. 368
Ogden, Thomas, of Halifax .............. 369
Payton of Bromsgrove ..................... 500
Peberdy of Leicester ....................... 494
Pinfold, Thomas, of Banbury .......... 482-483
Pratt, John, of Helmdon ................. 77
Prestidge of Towcester ..................... 483
Price, Charles of Wiveliscome .......... 221
Quare, Daniel, of London, month duration ............................................. 2
Roberts of Llanfair Careinon .......... 485
Roberts of Otley ......................... 372-374
Roper of Shepton Mallet ................. 491
Savage of Huddersfield ................. 371
Scholfield of Rochdale ..................... 498
Seddon, John of Frodsham, grandesonnerie ........................................ 168
Smith of Bartholmey ....................... 377
Snow of Padside .......................... 372, 374
Staneliffe of Honley ....................... 371
Stedman of Godalming ................... 490
Swift of Coltishall ........................ 493
Upjohn of Exeter ......................... 490
Wells of Shepley .......................... 371
Wilmshurst of Brighthelmstone .......... 488
Windmills, Joseph of London .......... 17
Wynne, John Lawrence of Arlesford 487
Loomes, Thomas, of London, lantern clock ........................................... 12, 160, 308, 464

Loomes, Brian, *Clockmakers of Britain* 1286–1700, reviewed .................. 105
Loup, Gustave ............................. 54, 56, 199
family ............................................. 53
collection list of
bijouterie ........................................ 210
clocks ............................................. 211
watches ......................................... 207-210
see articles by Ian White
Lovelock, Charles of Warminster, lantern clock ...................................... 12
Lowne’s Patent Master Clock .......... 312

M
MacDowall, Charles of Wakefield, skeleton clock with helical gearing .......... 315
see also lecture by Kenneth Cobb
Mainar, Jesús Criado & Ramón, Juan José
Borque (Editors), El “Relox Iejo” De
*Vewuela*, reviewed ....................... 547-8
Maltin, Michael (1920–2015) obituary 34-35
mantel clock by
anonymous, singing bird scent flagon 70
Vulliamy, Justin, Derby porcelain... 177
Maragña, Tony, *An update on Nicole* Nielsen, lecture ............................. 114
Markwick Markham of London
lantern clock ................................. 160, 308, 464
bracket clock .................................. 167
Marsh, Humphrey of Highworth, lantern clock ........................................ 12, 160, 308, 464
Martin, William Bristol lantern clock ... 168
*Maskelyne Astronomer Royal*, see Rebekah Higgit ................................. 407
Matthes, Dietrich, *A watch by Peter Henlein in London?*, article ........... 183-194
McCabe, James, of London, carriage clock ............................................. 299
McEvoy, Rory,
George Graham, lecture ............... 114
Harrison Decoded Towards a perfect pendulum clock, 1st conference report ...... 37-38
McKay, Chris ed., *A List of Church, Turret and Musical Clocks. Manufactured by John Moore & Sons*, reviewed .............. 405
McKay, Chris,  
The Last of the Harrison Clockmakers, reviewed ............................... 403-5
Mercer, marine chronometer .................. 351
Metals, see Patterson, Angus, lecture
Midgley, Richard, longcase clock .......... 370
Mignonette, oval carriage clock .......... 302
Molyneux, London, ‘The Transit Clock’ ... 3
Moncas  
production history .......................... 49-52
watch-paper ................................ 44
see also Paice, Michael W., *Moncas of Liverpool*
Moncas, John, Liverpool, watch movements ................................. 42-46
Moncas, Thomas, Liverpool, watch movement ............................. 46
Monk, William of Berwick St. John, turret clock maker .......................... 577
Moore, John, of Clerkenwell turret clock maker .............................. 576
Moore, Thomas of Long Melford, lantern clock ............................... 12, 160, 308, 464
Mount Pleasant, Liverpool ................. 44
Murch of Honiton longcase clock ..... 491-2
Museums  
Geneva, Alfred Baur ...................... 56
Oxford, Ashmolean ....................... 563
London  
British .................................. 363-366
Science .................................. 479-480
Schwerin, Staatliches collection .... 104
Zaandam, Dutch Clock and Watch .... 39
musical clocks. See clocks, musical
musical watches. See watches, musical

N
Nahum, Andrew, *Tuning Fork as a Time Standard*, lecture .......................... 409, 411
neck-watch, around 1550 ............ 186
new publication *The Life and Travels of James Upjohn* Edited by John Leopold and Roger Smith ................................. 269
Newey, Geoffrey (1928–2014) obituary 181
Newton, Richard and White, Ian, Southern section meeting report ................................. 575
Newton, William of East Smithfield, lantern clock ............................ 12, 160, 308, 464
Nicole Nielsen, see Maragna, Tony, lecture ............................... 114
night timepiece by Joseph Knibb of London .................................. 176
Ninyon, Wilmhurst of Brighthelmstone, longcase clocks ...................... 487
Norris, Joseph of Abingdon, lantern clock ............................... 160, 308, 464
Nye, James  
Electrical Horology Group meeting reports .......................... 125, 285, 429
Harrison Decoded, report .............. 182
A Twentieth-Century Renaissance in British Horology – The Contribution from Smiths, lecture ............................... 114
At 60 miles per hour the loudest noise in this new Rolls Royce comes from, lecture ................................. 555

O
Oatway of Torrington, longcase clock ........................................... 492
Obituaries  
Allix, Charles (1921–2015) .......... 329-331
Clifford, John Richard (1937–2015) ................................. 36-37
Gibbons, Michael (1938–2015) ...... 478
Jardine, Lisa CBE, FRS. (1944—2015) .................................. 476
Maltin, Michael (1920–2015) ...... 34-35
Newey, Geoffrey (1928–2014) ........ 181
Sabrier, Jean-Claude (1938–2014) 33-34
Shenton, Ken (1934–2015) ............ 477
Unwin, Donald J. (1918–2015) ....... 36
Oestmann, Dr. Günther, winner of Dr. Alan Shenton Award ............................... 117
Ogden, James of Soyland, lantern clock ........................................... 12, 160, 308, 464
Ogden, John of Darlington, longcase clock ........................................... 368
Ogden, Thomas of Halifax, longcase clock ........................................... 369
Oelschläger, 1848 chronoscope measurements ................................. 536
Omega Cal. 1525 marine chronometer 355
Antiquarian Horology

Orpheus organ clock .............................................. 566
Osborne & Wilson of Birmingham .................. 214
Oscilloquartz B-1390 marine chronometer ................................................ 343

P

Pace and Quare, letter by Tommy Jobson, ...................................................... 286
Paice, Michael W., Moncas of Liverpool. A short history of a nineteenth-century watch-making family, article .......... 40-52
Pannell Hugh see David Severs lecture
Patek Philippe ............................................................. 482-483
Pettet & Capt, letter by Nial Woodford ...........

Patents. see
Ato/Lavet patent for transistorised switching ........................................... 346
Breuqet, No. 73414 for a tuning fork oscillator ........................................... 347
Campiche, Henry of Geneva marine chronometer patent 3449 ............ 344
Lawne’s Patent Master Clock ........................................... 312
The MacDowall’s lives, patents and clocks with helical mobiles by Kenneth Cobb ............................................................. 410

Patterson, Angus, Metals for Horology: a History of the Brass and Related industries, lecture ........................................... 554
Payton of Bromsgrove, longcase clock ........................................... 500
Peberdy of Leiceester, longcase clock ........................................... 494
Penney, David, new website ........................................... 7
Penton, Charles of Moorfields, turret clock maker ........................................... 578

Percy Dawson Medal for 2014 to Simon Davidson ........................................... 117
Perigal, Francis, London, bracket clock, musical ........................................... 149, 197-198
Perrin, Martyn, The secrets of John Arnold, watch and chronometer maker, article ........................................... 255-258
Pewter spandrels ....................................... 217-226, 334-339
Pewter dial
p-XRF analyse ........................................... 217
letter by John Davis ........................................... 432
Piguet, Audemars, musical watch ........................................... 63
Piguet & Capt, fan watch ........................................... 305

Piguet and Meylan, form watches
heart shaped ........................................... 69
butterfly ........................................... 68
enamelled ........................................... 173
pillar clocks in Staatliches Museum, Schwerin ........................................... 103
Pinfold, Thomas of Banbury, longcase clock ........................................... 482-483
Platt, Nigel, East Anglian section meeting reports ........................................... 425-6
Player, Robert of London, bracket clock ........................................... 307
Pomander watches ........................................... 187
Pook, Leslie Philip, British Domestic Synchronous Clocks 1930-1980, The Rise and Fall of a Technology, reviewed ........................................... 266
Post Office Development Laboratory, portable quartz clock ........................................... 349
Potter, Baldwin of Stockport, lantern clock ........................................... 160, 308, 464
Powell, Edward, Library news 118, 275, 559
Pratt, John, Helmond, longcase clock ........................................... 77-78
Prestdige of Tewcester longcase clock ........................................... 483
Price, Charles of Wiveliscombe, longcase clock ........................................... 221
Puller, Jonathan, of London, bracket clock ........................................... 161
Purefoy, Henry, oil painting ........................................... 73
Pyke style of spandrel engraving ........................................... 221
Pyke dial
made for Joseph & William Thristle ........................................... 222
letter by Paul J. Foley ........................................... 582
letter by Nial Woodford ........................................... 432
Pyke, T., of Bridgewater, cast iron false plate ........................................... 219
Pyke, Thomas Sr., painted caricature ........................................... 212-213
Pyke, Thomas, painted dials ........................................... 216-218
Pyke, see also Street & Pyke

Q

Quaker clockmakers, North Oxfordshire school ........................................... 481
Quare, Daniel and Horseman, Stephen London, bracket clock, No. 226 ........................................... 469
Quare, Daniel, longcase clock, month duration ........................................... 2
Quelch, John of Oxford, lantern clock ........................................... 12

610
Sandoz, Maurice, collector .......................... 59
Satchell, St. Albans, longcase regulator,
month going ........................................... 472
Savage of Huddersfield, longcase clock .... 371
Savoie, Denis, Recherches sur les cadran
solaires, reviewed ..................................... 107-8
Saxony, watchmaking in .............................. 38
Schenk, Johann in Agram. Lochenah
Dachluhr of month duration ...................... 151
Scholfield of Rochdale, longcase clock ........ 498
Schmidt, Nicolaus, tabernacle clock, with
automata .................................................. 476
Schraven, Thomas, Short-time
measurement, the contribution of German
electrical horology, article ...................... 521-540
Schukowski, Manfred; Jahnke, Uta;
Fehlberg, Wolfgang Editors, Mittelalterliche
astronomische Grossuhren.
Internationales Symposium in Rostock 25.
Bis 28 Oktober 2012, reviewed .......... 550-51
Seddon, John of Frodsham, longcase clock,
grande-sonnerie ....................................... 168
Seiko, marine chronometers ..................... 358
Selwood, William of Lothbury, London,
lantern clock ........................................... 12
setting dial of the clock at St Mary’s,
Rockcliffe .................................................. 230
Severs, David, Hugh Pannell and his
Clocks, lecture ......................................... 410
Seyffert, Johann Heinrich, of Dresden
marine chronometer No. 8 ......................... 38
watch No. 93 ................................. 38
Shalstone Manor House, Buckinghamshire
Clock movement and details ... 1, 72, 79-80
Shenton, Dr Alan, Award to Dr Günther
Oestmann ................................................. 117
Shenton, Ken (1934–2015) obituary ........ 477
Shepherd dial at Greenwich
correspondence relating to replacement
dial ....................................................... 86,87
photographs of the dial ....................... 84,88,89
sketch by P. S. Laurie of the bomb
crater and damage ................................ 85
Ships, Clocks & Stars 2014 Great
Exhibitions prize to NMM ......................... 39
sidereal table clock .................................. 281
Singer, George, dry pile development ... 244
singing bird watch ................................. 67

S
Sabrier, Jean-Claude (1938–2014)
obituary ................................. 33 - 34
Salomons, Sir David, collector ............... 60

R
Reid Brothers ................................. 233
Read, David, The marine chronometer in
the age of electricity, article ............ 343-360
regulator, longcase by
  Brock of London .................. 457
  Hardy, William, of London .... 26
  Satchell of St. Albans, month going . 472
  Frodsham, Charles, of London .... 309
Mudge, Thomas & Dutton, William, of
London .................................................. 152
remontoire, see Dubois, Louis ........... 345
Revel á Paris enamelled gold watch ...... 471
Rich, John, tabatier ............................... 173
Roberts of Llanfair Careinon, longcase clock
.......................................................... 485
Roberts of Otley, longcase clock .......... 372-374
Robey, John
  Midlands section meeting report 279-80
  The English usage of foliot and balance,
article .............................................. 239-243
  Uttoxeter clock cases, lecture ...... 114
Robson, William, of London, bracket clock,
musical ................................................. 19
Rockcliffe, St Mary’s Church .......... 229
Rømer, Ole
  letter to John Locke ...................... 541
  sketches of clocks ...................... 540-541
Ronalds, Beverley F.,
Remembering the first battery-operated
clock, article ................................ 244-248
Ronalds, Sir Francis FRS ................... 244
Ronalds’ dry piles, manufactured by Singer
.......................................................... 245
Ronalds, Francis, battery-operated clocks
......................................................... 246-247
Roper of Shepton Mallet, longcase clock 491
Rostock, Symposium see Schukowski et al.
Royal Observatory, Greenwich, see Doug
Bateman article
Rude, Tabea, AHS prize winner.......... 428
Rundell, Edward of Norton St. Phillips,
lantern clock ....................................... 308, 464
skeleton clock by
   Condliff, James of Liverpool ........................ 169, 320
   MacDowall Charles of Wakefield .................... 315
Smethwick Council House, turret clock by
   Smith of Derby ....................................... 285
Smith of Derby, turret clock movement ............ 285
Smith of Derby, turret clock maker ................. 577
Smith of Bartholmey, longcase clock .......... 377
Smiths, see James Nye lecture
Snashall, William, of East Grinstead, lantern clock .......... 12, 160, 308, 464
Snow of Padside, longcase clock .................. 372, 374
Snowhill Manor, Gloucestershire ................. 562
spandrels, pewter .................. 217-226, 334-339
Sperry 'breadboard' restoration .................... 350
Sperry marine chronometer, prototype .......... 350
Spider watch from Loup Collection ............... 65
stackfreen (oldest known) ......................... 185
Stancilfe of Honley, longcase clock .......... 371
Stedman of Godalming, longcase clock .......... 490
Stewart, A. D., John & Miles Brockbank,
   their life and work, article ................. 502-520
Stirling, Samuel, London, bracket clock .... 314
Stone, John of West Country, lantern clock ..... 12, 160, 308, 464
stop-clock see Löbner
Street, Robert & Bayley, Thomas of
   Bridgewater ........................................... 213
Street & Pyke of Bridgewater
   advertisement ....................................... 215
   list of absconders from foundry ............... 215
   trade card ........................................... 214
Stribling, Benjamin of Stowmarket lantern clock .......... 12, 160, 308, 464
Striking jack at Snowhill Manor ................. 563
Sundials
   see Lennox-Boyd, Sir Mark
   see Denis Savoe
Swan bracket clock from the Loup collection ........ 201-206
Swift of Coltishall, longcase clock ............... 493
Swinnerton, Thomas of Newcastle under
   Lyme, lantern clock ................................ 12
Sykes, Geoff, Turret Clock Group meeting report ................. 285, 430-31

T
   tabatier by John Rich ............................... 173
tabernacle clock by Niclaus Schmidt, with
   automata ............................................... 476
table clock, Vulliamy No. 917 .................. 29
table clock, sidereal ................................. 281
The Tavern Clock, lecture by Martin Gatto
   .......................................................... 556
tavern clocks by
   Thistle, Joseph, of Stogursey ............... 216
   Dutton, Thomas, of Fleet Street ........ 310
Taylor, Jasper of London, bracket clock,
   quarter repeating ............................... 468
Taylor, John G. South Eastern section
   meeting report .................................... 426
ten I Hoeve, Johan and Thompson, David,
   Reply to Víctor Pérez Álvarez, letter .......... 135
Tennant, Leonard, turret clockmaker ........ 240
turtienuh by F. L. Löbner, Berlin ........ 525-526
Thistle, James of Stogursey, painted dial
   ......................................................... 333
Thistle, Joseph & William of Stogursey,
   clockmakers ...................................... 222
Thistle, Joseph of Stogursey, tavern clock
   ......................................................... 216
Thomas, Darlah, Northern section meeting
   reports ................................................. 277-279, 422, 567-570
Thomas, James of Chester, quarter
   repeating bracket clock ....................... 160
Thomas, Steve and Darlah,
   The long and expensive pursuit of an
   accurate timekeeper in Blackburn,
   Lancashire, article .......................... 225-238
Thomas, Steve,
   Longitude’s Legacy. James Harrison of
   Hull 1792-1875: Turret Clockmaker.
   The Last of the Harrison Clockmakers,
   by Chris McKay, reviewed .................. 403-5
Thompson, London, ‘Swan clocks’ ........ 199
Thompson, David, AHS Chairman’s report
   .......................................................... 413-414
Thompson, David and ten I Hoeve, Johan,
   Reply to Víctor Pérez Álvarez, letter .......... 135
Thwaites and Reed, turret clock maker 577
Time Network
   exhibition on electrical time keeping
   Dutch Clock and Watch Museum in
   Zaandam ............................................. 39
time ball
   accident to ........................................... 234
   list of ................................................. 231
### Turret Clocks

- **Tomlinson, William, London**  
  - Bracket clock, quarter repeat ............. 9
  - Bracket clock, grande-sonnerie .......... 150

- **Tompion, Thomas,**  
  - Bracket clock ‘Lonsdale’ No. 23 .......... 444
  - Watch ‘Cottrell’ .......................... 543

- **Tompion, Thomas & Banger, Edward, of London, verge watch** .......... 451

- **Torry, Peter & Hannah, Jim, Northern**  
  - Section report .................................. 277

- **Tucker, Christopher, Pérez Troestenbergh/berch**  
  - Tuning fork .................................. 463

- **Torr, Anthony, lecture**  
  - Wristwatch Group meeting report ............. 578-9

- **Turret clock by**  
  - Anonymous .................................. 573
  - Blaylock, John .................................. 229-230
  - Cloud ........................................ 577
  - Frodsham .................................... 577
  - Gillett ....................................... 577
  - Hartley, M. ................................... 577
  - Joyce, J.B. & Co. ............................. 236
  - Monk, William ................................. 577
  - Moore, John of Clerkenwell ............... 576, 577
  - Penton, Charles of Moorfields .......... 576
  - Smith of Derby ................................ 577
  - Thorp, Samuel, letter ...................... 579
  - Thwaites and Reed ............................ 577

- **See also McKay, Chris reviews**

- **Turret clock, place**  
  - Beaminster at Witchampton ................. 577
  - Bere Regis .................................... 577
  - Berwick St. John at Wimborne Minster .... 577
  - Blackburn ...................................... 236
  - Christchurch Priory .......................... 576
  - Cranborne Church ............................. 577
  - Puddletown, Dorset ........................... 577

- **Ringwood .................................... 576
  - Silchester at Sixpenny Handley ............. 577
  - St Mary’s, Rockcliffe ....................... 229-230
  - St. Margaret’s West Hoatly, East Sussex .. 573
  - Sturminster Marshall .......................... 577
  - Wimborne St Giles ............................ 577

- **Turret clockmaker, Tennant, Leonard** .......... 240

### Uhrenkabinett

- uhrenkabinett of Friedrich Franz I in the Ludwiguster Schloss, 1823 ............. 103

- **Upjohn, James, The Life and Travels of**, see new publications
  - Upjohn of Exeter, longcase clock dial .... 490

- **Unwin, Donald J. (1918–2015) obituary** . 36

### V

- **Vrard, Loup’s ownership of the name**, see English
  - Viner of Regent Street, London, English travelling timepiece ................. 449
  - Voyce of Mitcheldean, dial & movement ........................................... 497-498

- **Vulliamy of London**  
  - Mantel clocks ................................. 325, 455
  - Table clock No. 917 .......................... 29
  - Vulliamy, Benjamin Lewis, of London, carriage clock No. 873 .............. 301
  - Vulliamy, Justin, of London, mantel clock  
    - Derby porcelain .............................. 177

### W

- **Wall clock by**  
  - Anonymous French ............................. 322
  - Dwerrihouse of London ....................... 166
  - Evill, James of Bath ............................ 16

- **Ward, Robert, bracket clock, musical** .......... 195-6

- **Warner, John of Draycott, lantern clock**  
  - Watch by  
    - Anonymous ‘theatre’ watch ................. 64
    - Anonymous, automaton ...................... 66
    - Anonymous, Geneva, automaton ............ 66
    - Anonymous, singing bird ................... 67
    - Astronomical ................................ 190

- **Barrow, enamelled, circa 1695** .......... 173

- **Brookbank, Jno., of London, musical** .................. 516-7

- **Earliest** .................................. 265

613
watch by continued
   East, Edward of London with Tompion → continued
   hair spring ........................................ 317
Grant, Thomas, of London .................. 195
   heart shaped ...................................... 69
Henlein, Peter
Hornby, Richard of Liverpool ............. 43
Kullberg, Victor, of London .......... 156, 271
Moneas, John Liverpool
Moneas, Liverpool
Moneas, Thomas. Liverpool
   No.16058 with Massey type III detached lever escapement .......... 46
   No.16241. movement with Massey type III detached lever escapement ........................................... 47
   No.17110. Massey type III detached lever escapement ................. 46
   No.5014 with Massey type III escapement ................................ 43
   No.549 full-plate lever watch movement .................................. 42
   No.9098 with three arm balance .................. 43
Piguet and Meylan of Geneva
   quarter repeating musical ................. 61-2
Revel á Paris No.1075 enamelled gold
.......................................................... 471
Seyffert, Johann Heinrich, of Dresden 38
Tompion, Thomas & Banger, Edward 451
   Tompion, Thomas, of London, ‘Cottrell’ .................................. 543
watch, musical by
   Audemars Piguet .................................. 63
   Brockbank, Jno., London ..................... 516
   Daniels and Markarian ......................... 63
   Piguet and Meylan Geneva ................. 61, 62
   watch-paper, Moneas ............................. 44
   watchmaking in Saxony ........................... 38
watch production of principal London
   makers, table ..................... 518
Watts, Thomas of Lavenham, lantern clock
......................................................... 160, 308, 464
Webster, Robert, London, watchmaker ..... 74
Wells of Shepley, longcase clock .......... 371
Wempe, marine chronometer .......... 345, 356
Westminster
   New Palace Yard, 1648 etching .......... 545
   Clock House ................................. 545

White, Ian
   Gustave Loup – his life and his horological collection, article
   Part 1............................................. 53-70
   Part 2 ........................................... 195-211
White, Ian, Southern section meeting by
.......................................................... 124, 283-4, 574
Whitehurst of Derby, quarter striking hook and spike wall clock .......... 458
Whiting, James, London Clocks, reviewed
.......................................................... 108
Wilmshurst of Brightelmstone, longcase clock ............................... 488
Wilsdorf, Hans collection ................. 59-60
Wilson, see Osborne & Wilson
Windmills, Joseph London, longcase clock ........................... 17
Wood, Robert, of London, bracket clock 463
Wood-Heath, David, South Eastern section meeting report .......... 282-3
Woodford, Nial,
   Pyke dials revisited, letter .............. 581
   Reply by John Davis, letter .................. 432
Woodford, N. & D.,
   The Thistle Clockmakers of Somerset
   1765–1899, reviewed ......................... 106-7
   worm drive to the countwheel on the Cloud clock at Witchampton .......... 578
Worshipful Company of Clockmakers
   restoration of John Harrison’s tomb . . . 32
   The Clockmakers Museum ............... 479-480
Wright, John in Mansfield, lantern clock
.......................................................... 12, 160, 308, 464
Wright, Michael,
   The Antikythera Mechanism A
   Planetarium; the discovery and reconstruction of the world’s oldest
   geared mechanism, lecture ................ 114
wristwatches
   wrist-watch signed ‘Gregson à Paris’ 324
   Wristwatches, lecture by Jim Arnfield ......................... 555
   Wristwatches for the Great War lecture
   by Jonathan Hills ......................... 556
   AHS Wristwatch Group formation . . . 270
Wynne, John Lawrence of Arlesford,
   longcase clock ............................... 487-489
Y
Yantai, Polaris marine chronometer
........................................ 357-9

Z
Zamboni, Giuseppe .................. 247
Zytglogge in Bern, letter by Peter de Clercq
............................................. 136
PAGINATION OF ISSUES

One  March 2016 ................................................................. 1-148
Two  June 2016 ................................................................. 149-296
Three September 2016 ................................................... 297-444
Four December 2016 ....................................................... 445-592
Index ................................................................. 593-617

ISSN 0003-5785 © THE ANTIQUARIAN HOROLOGICAL SOCIETY 2019
LIST OF ARTICLES

Daniel Quare’s numbered clocks by George Kenney .................................................. 37
Time to reconsider: The life and work of George Bennett Bowell 1875-1942 by James Nye .......................................................................................... 55
Winner or loser: Did John Harrison win the Longitude Prize? by Andrew King .... 73
Horological patents, 1662-c 1800: Restraining trade, stifling innovation or rewarding invention? by Alun C. Davies ................ 82
A little treatise for making horoleiges: A fourteenth century by William Linnard, John A. Robey and Michael T. Wright .. 182
The Henlein exhibition at the Germanisches Nationalmuseum A look back, a look forward and new discoveries by Thomas Eser ................................................................. 199
A fourteenth-century Italian turret clock by Marisa Addomine ................................. 213
Ralph Gout, watchmaker 1740-1828 by David Buckden ........................................... 223
Quartz clocks and the public in Britain, 1930-60 by David Rooney ......................... 237
The British naval chronometers of 1821 by A. D. Stewart ........................................... 247

Museum profile: clocks in Schloss Ludwigslust, Germany by Antje Marthe Fischer ........................................................................................................ 253
New light on chronometer-makers and the scientific instrument trades in the nineteenth century by Gloria Clifton ... 327
Concerning some curious clocks in the cabinet of Grollier de Serviere by Anthony Turner ........................................................................................................... 349
W E Frodsham No 1 Another chronometer identified from HMS Beagle’s second voyage by Simon C. Davidson and Peter Linstead-Smith ..................................................................................................................... 366
Swiss watches, tariffs and smuggling with dogs by Alun C. Davies ..................... 377
The London Gazette as a source for the history of the English horological trade: 1720-1849 by D. J. Bryden ......................... 477
An Englishman, a Frenchman and a watchman: the cross-border life of Robert Lenoir 1898-1979 by James Nye .......... 496
The origin of the English lantern clock Part 1: Comparison with European Gothic clocks by John A. Robey ............................ 511
A Time to Remember by Rory McEvoy ........................................................................ 522
A dial described in 1473 by William Linnard ............................................................. 530
NOTES

A clock Club at Milford Haven in 1805 by 
William Linnard .......................... 101
When is a Bryer not a Bryer? by Gordon 
Hoare ................................. 105

A wrist chronograph, a radio amateur and a 
handful of wichety grubs by David Read 
.................................................. 109

PICTURE GALLERY

Turret clock by James Harrison of Hull, 
1845 ........................................ 111-114
Dial side of Charles Clay organ clock ... 539
Charles Clay organ clock .................. 540
Ornate back of Charles Clay clock ...... 541
Movement detail of grande Sonnerie 
Turmessenuhr, Samuel Hauckh, Augsburg, 
Circa 1615 .................................. 542
A Gilt-Brass grande Sonnerie Turmehenuhr, 
Samuel Hauckh, Augsburg, Circa 1615 543

Marquetry bracket clock ................. 544
Boulle pedestal clock signed J. F. Larse  545
Marquetry cartel clock I. Prevost /A Paris  
.................................................. 546
A Gilt-Brass Quarter striking skeleton clock, 
E. Thomas, Paris, Circa 1845 .......... 547
Portrait of an Erudite Gentleman ...... 548
Detail from painting showing three watches 
and other items ............................ 549
INDEX TO VOLUME THIRTY-SEVEN
Compiled by Edward Powell
Page numbers in bold denote an illustration

A

Account book of
Samuel Deacon ........................................ 101
John Pritchett ........................................ 101
Samuel Roberts ...................................... 101

Acland, Captain Frank Dyke, The
Synchrophone Syndicate Ltd ................ 57
Adamson, Humphrey, London, table clock 11
Addis, George Curzon, trade card 478
Addomine, Marisa A fourteenth-century
Italian turret clock, article ............... 213

Advertisements for
Blackwood, W & J. T. of North Shields 338
Reid & Sons, Newcastle on Tyne 338
Smith’s English Clocks ......................... 503

AHS Calendar
2016 .................................................. 392
2017 .................................................. 555

AHS Dutch section
25th anniversary meeting 572
meeting reports by Paul Kersten 132, 572

AHS East Anglian Section
AHS/BHI visit to Colchester 416
meeting reports by John Glasby 130, 274, 416-7, 568-9
programme autumn 2016 390
programme winter 2017 553
21 November 2015 Show and Discuss 130
26 March 2016 Music Time by Lucas Elkin 274
21 May 2016 Hill’s family of watchmakers by Jonathan Hills 416
16 July 2016 club night 416
17 September 2016 ‘Clocks and Museums’ 568

AHS Electrical Horology Group
meeting reports by James Nye
8 November 2015 132
5 March 2016 267
11 June 2016 420

Aladdin’s Cave of Continental electrical horology 573
programme autumn 2016 391
programme winter 2017 554
tour to the Netherlands 8–11 Sept 2016 report by James Nye 573

AHS London lecture series.
26 November 2015 Frogs Frequencies and Forks: The Bulova Accutron and the Tuning Fork as a Time Standard, by Dr. Andrew Nahum 126
1 January 2016 Sundials - History, Art, People, Science, by Sir Mark Lennox-Boyd 127
17 March 2016 Metals for Horology: a History of the Brass and Related Industries, by Angus Patterson 402
21 July 2016 Engine turning & horology: history, machines, techniques, by David Wood-Iheath 264
22 September 2016 Galileo, Huygens and the invention of the pendulum clock, by Sebastian Whitestone 265
24 November 2016 The making of the modern clock and watch dial 1550-1770, by Jane Desborough 389
16 March 2017 Casing watches and automata. The goldsmiths and enamellers of Geneva 1780-1830, by Julia Clarke 552
new venue ........................................ 550
programme winter 2017 553
meeting reports by S B de Save 126-7, 264-5, 403, 557-8

AHS meetings calendar 2016 123

AHS Midlands Section
meeting report by
Derry Clifford 274
John Robey 130
Robin Hutchinson 129, 273, 415-6, 567-8

4 November 2015 Case manufacture, by Chris Ayres 129
28 November 2015 AGM and bring & discuss 130
3 February 2016 Servicing of an IWC pocket watch, by Owen Gilchrist 273
7 April 2016 Visit to Rolls Royce Heritage Centre and Smiths of Derby 273

1 June 2016 Gothic clocks 1400–1700 by John Robey 415-6
day out on 3 September 2016 567
programme winter 2017 553
programme autumn 2016 390
tour from 3 to 7 October 2016 567

597
AHS News
1904 De Dion Bouton Model Y ........ 396
AGM 2016 Agenda .......................... 120
AGM 2017 and Election of Members to
Council ....................................... 556
Bits from the Blog, by Martin Ridout
........................................ 125, 270, 556
calendar 2016 .............................. 268
Chairman’s AGM address ............... 393
Dr. Alan Shenton Award for 2015 .... 124
from the Editor by Peter de Clercq .. 476
from the Secretary ..................... 402, 556
Index for Volume 35 ................... 556
international postage of the Journal 269
Minutes of the Sixty-second Annual
General Meeting ......................... 395
New president Dr. Patricia Fara ........ 178
new tool for serious horological research .............................. 269
note from Chairman .................... 124
Percy Dawson Award for 2015 124, 396
programme Summer 2016 ........... 266-67
referees .................................... 557
study tour 2016 Lyme Park and environs
........................................ 125
AHS Northern Section
December 2015 Christmas social .... 128
8 January 2016 Don Unwin Engineer
Extraordinary, by Colin Walsh ...... 128
12 February 2016 display of German
horology .................................. 271-3
11 March 2016 The development of
electric and electronic watches, by Jim
Arnfield .................................. 404
April 2016 bring and discuss ....... 271
13 May 2016 Royal Greenwich
Observatory Herstmonceux –
chronometer Section, by John Griffiths
........................................ 404
10 June 2016 club night on mechanical
music ....................................... 404
12 August 2016 The Equation of Time:
clockwork and Shadows, by Andrew
James ..................................... 565
9 September 2016 Rare and unusual
regulators, by Jonny Flowers ....... 566
14 October 2016 Antikythera
Mechanism, by Michael Wright ..... 566
13 November 2015 Hugh Pannell and
his clocks, by Dr David Severs .... 127
meeting reports by Darlah Thomas
........................................ 127-9, 271, 404-415, 565-567
programme autumn 2016 ........... 390
programme winter 2017 ............ 553
AHS Other sections programme winter
2017 ........................................ 554
AHS South Eastern Section
5 December 2015 The English Lever
Pocket Watch, by Richard Edwards 131
6 February 2016 ‘Bring and discuss’ 277
2 April 2016 restoration of a bracket
clock by Barling of Maidstone ....... 419
4 June 2016 Clockmaking in England
and Wales in the Twentieth Century, by
Bill Wolmuth ........................... 419
25 September 2016 The Cole Family of
Clockmakers, by Ron Rose ......... 569
meeting report by Barnaby Smith .............................. 275-7, 569-70
meeting report by David Wood-Heath
........................................ 131
programme autumn 2016 .......... 390
programme winter 2017 .......... 553
AHS Southern Section
22 February 2016 Tavern clocks, by
Martin Gatto .......................... 277
19 March 2016 Hills of Sudbury, by
Jonathan Hills ......................... 277
3 September 2016 Watches and clocks
in the Collection of the Fitzwilliam
Museum, by Brian Jackson ........ 570
meeting reports by Ian White .. 277, 570
programme autumn 2016 .......... 391
programme winter 2017 .......... 554
AHS Study Tour 2016
Anson Engine Museum, Poynton
Colliery, Cheshire ..................... 563
Cuckooland Museum, Tabley, Cheshire
........................................ 560
Duham Massey, Cheshire ........... 559
Lyme Park, Cheshire .................. 561
Paradise Mill and Silk Museum,
Macclesfield ......................... 564
bracket clock, multi-dial French at
Speak Hall ............................... 559
report by Ian White, Duncan Greig and
Jack Knight ........................... 559-564
Rufford Old Hall, Ormskirk ........ 559
Speak Hall, Liverpool ............... 559
AHS Turret clock group
meeting report by Geoff Sykes 573-5
new online database ................. 574
programme autumn 2016 .......... 391
programme winter 2017 .......... 554
tour on 14 and 15 October 2016 .... 573
AHS Wristwatch Group

14 January 2016 meeting .......... 133
British Museum's study room .......... 575
meeting report by James Harris 422, 575
programme autumn 2016 .......... 391
programme winter 2017 .......... 554
Aked, Charles ...................... 83, 100
table of horological patents 1760-1852 .......... 96
Allis, Henry J. of Bristol, chronometer maker ......................... 335
Allman, Mangaar and Kent of London, dissolved partnership .......... 484
Allport, Pemberton, and Mitchell of Birmingham & New York, dissolved partnership ......................... 486
Anderson, & Robinson of Lancaster, 1789 dissolved partnership .......... 484
Animating Time, film by John Redfern 13
Arnstrong, William of Liverpool chronometer maker ......................... 336
Arnfield, Jim, The development of electric and electronic watches, talk .......... 404
Arnold, John of London .......... 81, 94
chronometer maker .......... 376
chronometers by ..................... 249-251
chronometers No.465 and No. 634 on HMS Beagles 2nd voyage .......... 376
regulator month going .......... 296
Arnold & Dent
chronometer maker .......... 376
chronometers No.261 No.661 No.633 on HMS Beagles 2nd voyage .......... 376
Arnold J. R. and Dent E. J., dissolved partnership ......................... 484
Arnold, Jno. R., pocket chronometer, No. 2159 ......................... 303
Arnott, Phillip, Hurd's List, letter .......... 431
Ashwell, John of London, clockmaker .......... 491
Asplund, Carl Oscar Vilhelm Gustafsson watch belonging to .......... 527
astronomical clock
St. Jean Cathedral, Lyon .......... 359-360
astronomical concentric clock dial Bassano del Grappa, Italy ......................... 190
astronomical astrolabe type clock dial Old Town Hall, Prague ......................... 190
Audemars, Louis, move to 82 Dean Street, London ......................... 494
Augustijnen, Armand et al, G. F. Roskopf Pioneer of the popularly priced watch, reviewed .......... 263
automata
anonymous elephant (detail) .......... 1
Maillardet, mouse .......... 445, 552
Avery, Amos of London, bankrupt .......... 479
Aylward, John of Guildford, lantern clock ......................... 462
Ayres, Chris, Case manufacture, lecture .......... 129

B
Baddeley, John of Albrighton, bracket clock, quarter repeating ......................... 9
Bain, Alexander ......................... 100
Banning, Thomas, associated with Peter Litherland & Co ......................... 487
bankruptcies of London and provincial horological workers 1720-1849 .......... 479, 492
Barlow, Edward, Patent No. 344 ........ 85, 87
Barlow, William of King's Lynn, lantern clock ......................... 18, 164, 312, 462
Barnes, Nathaniel of London, bracket clock three train .......... 563
Barnes, Nigel & Ilmonen, Karolina, Clock Cases, A Practical Guide to their Construction, Restoration and Conservation, reviewed .......... 117
Barnett, John of London, lantern clock ......................... 18, 164, 312
barograph by Cumming, Alexander .......... 173
barometer by Frodsham, C., London .......... 333
Barraud, chronometers by ......................... 251
Barrow, Jno. of London, bracket clock .......... 168
Bartolomeo di Manfredi, clockmaker .......... 530
Bassano del Grappa, Italy concentric astronomical clock dial ......................... 190
Bassnett, James & Son of Liverpool, chronometer maker ......................... 336
Bassnett, Thomas of Liverpool, chronometer maker ......................... 336
Bath, James of Cirencester, bankrupt .......... 480
Bath, Thomas, trade label ......................... 483
bell tower, St. Andrew's church, Chioggia, Italy ......................... 214
Bellard, Julien, skeleton clock enamelled with calendar ........ 27
Benecke, Johann Conrad of Ludwigslust, longcase clock ......................... 256
Bennett, Mike, Clockwise around Pembrokeshire, talk ......................... 278
Bennett, J. of London, bill head .......... 337
Benson, James William of London, chronometer maker ......................... 337
Berry, James of Aberdeen, chronometer maker .......... 335
Berry, John of London, bracket clock musical ........................................ 562
Berthoud, Ferdinand of Paris table clock .......................................................... 256
Betts, Jonathan & Smith, Roger, Automaton elephant, letter ............................. 137
Betts, Jonathan
The Longitude Act and chronometers letter ...................................................................... 280
The Longitude Act, letter ................................................................................... 578
Bill head of
Bennett, J. 65 Cheapside, London ............................................. 337
Shepherd, Charles of London ......................................................... 332
Birch, William of Fenchurch Street, London, chronometer maker .......................... 337
Blackwood, W & J. T. of North Shields chronometer maker ........................................ 338
Blair, H. G. of Bristol, chronometer maker .............................................................. 335
Blanchard, Chas., bracket clock ....................................................... 316, 460
Bodet, François, Breguet, the story of a passion: 1973-1987, reviewed ..................... 115
Bon, John of Duddee chronometer maker .............................................................. 335
Boney, Guy Q.C., The Longitude Act, letter ......................................................... 430
Books reviewed
Barnes, Nigel & Ilmonen, Karolina,
Clock Cases, A Practical Guide to their Construction, Restoration and Conservation ................................................. 117
Bodet, François, Breguet, the story of a passion: 1973-1987 ................................. 115
Bradley, Bruce, On Time: The Quest for Precision. An Exhibition of Rare Books from the Linda Hall Library .......................................................... 538
Friess, Peter, The Emergence of the Portable watch .............................................. 387
Glanville, John and Wolmuth, William, Clockmaking in England and Wales in the Twentieth Century. The Industrialized Manufacture of Domestic Mechanical clocks ............................................. 116
Jeffery, Scott, An Introductory Guide to repairing Mechanical clocks .................. 118
Lancashire Watch Co. 1898 trade price list ......................................................... 537
Leopold, John and Smith, Roger editors, The Life and Travels of James Upjohn ..... 261
Ogle, Vanessa,
The Global Transformation of Time 1870-1950 ........................................... 385
Platt, John G., Lancashire Watch Company History and Watches ............................. 536
Pynson, Joëll, Le chronographe de poche suisse / Der Schweizer Taschenuhronograph ................................................................. 262
Radage, Dennis; Meinen, Warner and Radage, Laila; Charles Gretton Clock & Watchmaking Through the Golden Age .................................................. 384
Van Rompay, Paul & Augustijnen, Armand, G. F. Roskopf Pioneer of the popularly priced watch ................................................................. 263
Vincent, Clare; Leopold, J. H; with Sullivan, Elizabeth, European clocks and Watches in the Metropolitan Museum of Art. Highlights of the Collection .................................................... 262
book sale result .............................................................. 402
Booth, Edward see Barlow, Edward
Borrell and Markham, Markwick, bracket clock, Turkish market, musical ................ 473
Borrell, Henry of London, bracket clock musical ...................................................... 454
Bosely, Joseph, ‘slide for regulating watches’ .......................................................... 89
Boudoir clock, French ................................................. 361
Bouhon, Jean, calendar-clock with automata at Niort, France ................................ 359
Bowell, George Bennett, letter head .................................................................... 70
portrait of, aged one ........................................... 57
Bowell, Herbert, Synchronome ............................................................................. 56
Bowell, Herbert Taylor Wake ............................................................................... 65
Bowen, John & Downes, Robert dissolved their partnership ................................... 486
watch-paper .......................................................... 486
Bowring, Sir paper, economist ............................................................................. 381
Bracket clock by
anonymous, Chinese musical with automata ..................................................... 468
anonymous, musical with automaton .................................................................... 161
Baddeley, John of Albrighton, quarter repeating ................................................. 9
Barrow, Jno. of London ....................................................................................... 168
Blanchard, Chas. of London ....................................................... 316, 460
Burgis, Edward of London, quarter striking .......................................... 150
bracket clock by continued
Cribb, William ................................................. 158
Dutton, William of London, quarter repeating .............................. 31
Dwrerhouse of Berkley Square ........................................... 20
Garon, Peter of London ............................................. 469
Gordon, Hugh of Aberdeen ........................................... 306
Grant, John of Fleet Street, London,
iminiature striking No. 154 ........................................... 447
Gray, Benjamin and Vulliamy, Justin ................................... 20
Green, J. of London, bell-topped ........................................ 6
Hindley, Henry of York ............................................... 306
Horseman, Stephen, No.309 & No.311 ................................ 53
Lambert, Nicholas of London, quarter-striking ............................ 2
Markham, Markwick and Borrell, musical .................................... 473
Monkhouse, Thomas of London bracket clock, musical ..................... 474
Papillion, Francesco in Firenze with 6-hour dial ............................... 461
Quare, Daniel of London,
No.218? .......................................................... 51
No.298 ............................................................ 53
No.29 ........................................................... 41, 47
No.32 ........................................................... 42, 47
No.62 ........................................................... 42, 48
Nos.33, 39, 41, 42, 43, 44, 47, 52, 56, 61, 62, 81, 83, 85, 86, 92, 93, 94, 96, 100, 121, 127, 138, 143, 160, 161 ................................................................. 47 - 50
Quare, Daniel & Horseman, Stephen of London,
Nos.170, 172, 173, 176,177, 185, 186, No.190, No.196, No.197, 214, 217, 226, 229, 246, 255, 266, 277, 280, 288, 294 ......................................... 50-53
No.226 ........................................................... 450
No.288 ........................................................... 46
Williamson of Leeds ..................................................... 165
Wood, Robert of London ............................................... 158
Bradley, Bruce, On Time: The Quest for Precision An Exhibition of Rare Books from the Linda Hall Library, review ........................................... 538
Bradley, James Gibson of Liverpool, chronometer maker .................... 336
Bradley, James, Astronomer Royal ........................................... 79
Bradley, Samuel of Worcester, watchmaker and silversmith, bankrupt ................................................................. 490
Bramer, Willem of Amsterdam, longcase clock ......................... 451
Breguet, Abraham-Louis ........................................... 378
Brockbank, chronometers by ............................................... 251
Brockbank, John and Mudge, Thomas, pocket chronometers .............. 96
Brown, Squire, clock-line weavers, petitioned for release .................. 487
Brown, Michael of Pontefract, petitioned for release ....................... 483
Brown, Squire of Southwark, petitioned for release ......................... 481
Bruce, Edmund and Huygens, Christian. Horological Patent ............... 85
Bruce, John & Son of Liverpool, chronometer maker ....................... 336
Bryer of London, watchmaker ............................................. 105
Bryson, Robert of Edinburgh, chronometer maker ......................... 335
Buckden, David
In response letter .................................................. 425
Ralph Gout, watchmaker 1740-1828 ........................................ 223
Buffett, John of Colchester, longcase clock dial ............................................ 419
Bulova Accutron wristwatch .............................................. 407
Bulova Accutron and the Tuning Fork as a Time Standard, lecture by Dr. Andrew Nahum .................................................. 126
Bunston, Henry of Lyme Regis, lantern clock .............................. 18, 164, 312, 462
Burdon, Andy, Loosey turret clocks letter ...................................... 576
Burgis, Edward of London, bracket clock, quarter striking ............. 150
Buschmann, Hans of Brunswick, inclined plane clock .................. 365

C
Cady, Walter, quartz oscillator ........................................... 240
 Cairns, Alexander of Liverpool, chronometer maker .................... 336
Caithness, Thomas of New Bond Street, bankrupt ......................... 479
calendar, perpetual, German ............................................. 259
Cameron, Alexander & Co. of Liverpool, chronometer maker ............ 336
Cameron, Alexander of Dundee, chronometer maker ..................... 335
Cameron, John R. of Liverpool, chronometer maker ..................... 336
Campani, Giuseppe, floor-standing cabinet rolling ball clock .................. 363
Campani, Matteo; Pietro-Tommaso and Giuseppe, night clock invention ........... 358
Campbell, John of Liverpool, chronometer maker ........................................... 356
Carpenter, Richard, watch case maker ............................................................. 226
chronometers by
  anonymous c1890 oval ..................... 26
  anonymous, English four glass .......... 21
chronometers by, continued,
  Lefrand of Paris, grand sonnerie .... 160
  Leroy L. & Cie of Paris, grande-sonnerie ................. 453
McCabe, James of London, No. 3506 ......................................................... 448
Parkinson & Frodsham, London, giant strike repeat .................................. 299
cartel clock by Prevost, I. of Paris .... 546
Carter, Charles of Rochford, keyless watch ................................................. 155
Cartwright, Benjamin, watch clip ...... 89
Cartwright, Edmund, inventor of the power loom ...................................... 95
Casio, Pro Trek wristwatch .......... 413
Castle Rushen, Isle of Man, turret clock .................................................... 568
Chadburn, Charles Henry of Liverpool, chronometer maker ......................... 336
Chalkpits Museum, Amberley, West Sussex .................................................. 109
chamber clock, anonymous from Sutton Court ......................................... 23
Champion, Daniel Thomas of London, petitioned for release from insolvency ......................................................... 487
Champion, William, zinc smelting patent ..................................................... 92
Chevins, John, clock-line weaver, petitioned for release ..................................... 487
Child, Henry of London, lantern clock .......... 444
Chippendale, Gilbert, petitioned for release ................................................. 482
Christie, Andrew of Glasgow, chronometer maker ............................................ 335
chronometer box by Barraud, S. London, No 587 ....................................... 7
chronometer, marine, rate comparisons
daily entry for 1 July 1835 .......... 374
daily entry for 28 August 1835 ...... 371
chronometer, marine by
  Allis, Henry J., ............................ 335
  Benson, James William of Cornhill 337
  Berry, James of Aberdeen ............. 335
  Birch, William of Fenchurch Street 337
Blackwood, W & J. T. of North Shields ...................................................... 338
chronometer, marine by, continued,
  Blair, H. G. of Bristol ..................... 335
  Bon, John of Dundee ....................... 335
  Bryson, Robert of Edinburgh .......... 335
  Cameron, Alexander of Dundee ...... 335
  Christie, Andrew ......................... 335
  Cousens and Sons of Falmouth .... 335
  Crisp, William Baker ..................... 346
  Dent, Edward John of London ........ 329
  Dent, Frederick of London .......... 331
  Dickman, John of Leith ................. 335
  Dobbie, Alexander of Glasgow ...... 335
  French, Santiago James Moore of London ................................................. 333
  Frodsham, Charles of London .......... 332
  Frodsham, Henry of London .......... 334
  Frodsham, William James of London ............................................. 334
Frodsham, W. E. No.1 ............... 367-368
Hammond, George of Manchester .... 335
Hemsley, Thomas and Son of Tower Hill .................................................... 339
Hennessy, B. of Swansea ................. 335
Langford, William of Bristol .......... 335
Lilley & Son of London ................ 341
Massey, Edward ...................... 342
McGregor & Co. Ltd, Glasgow ...... 181
McInnes, Dobbie of Glasgow .......... 335
Mewes, William August of London ... 331
Moralee, W. H. of North Shields .... 335
Neill, John R. of Belfast ................. 335
Parkinson and Frodsham ............... 333
Pyott, James of London ................ 332
Rippon, Frederick (see Dent) ........ 330
Rippon, Richard (see Dent) .......... 330
Shepherd, Charles of London .......... 332
Smith, W. J. of Bristol .................. 335
Stalker, David of Leith ................. 335
Walker & Son of Glasgow .............. 335
Whyte, James of Glasgow .............. 335
Williams, C. & E. of Newport .......... 335
Chromometers, marine on HMS Beagle’s 2nd voyage ....................................... 376
Citizen, wristwatch Satellite Wave F100 with Eco-Drive ......................... 413
Clarendon Bell, electric piles ........ 405
Clarke, Julia
  Casing watches and automata. The goldsmiths and enamellers of Geneva 1780-1830 lecture ........... 552
Clay, Charles of London
  organ clock ............................ 539-541
antiquarian horology

patent opposition by Clockmakers Company ........................................... 89
Clifton, Gloria
New light on chronometer-makers and the scientific instrument trades in the
nineteenth century, article ................................................................. 327
clock case makers, Osmond, Robert and Baptiste and Osmond, Robert of Paris, clock
case makers ................................................................. 256
clock clubs in the United Kingdom
Bala, Merionethshire ................................................................. 104
Barton, Leicestershire ................................................................. 101
Chirk, Denbighshire ................................................................. 104
Coedpoeth, Clwyd ................................................................. 104
Corwen, Merioneth ................................................................. 104
Edinburgh, Scotland ................................................................. 101
Innerleithen, Peebleshire ........................................................... 101
Kimbolton, Huntingdonshire ......................................................... 101
Llanfair Caereinion, Montgomeryshire ........................................... 101
Llangollen, Denbighshire ........................................................... 104
Luton, Bedfordshire ................................................................. 101
Martock, Somerset ................................................................. 101
Milford Haven, Pembrokeshire .................................................... 101
New Wortley, Yorkshire ............................................................ 101
Pentre Dwr, Swansea ................................................................. 104
Penycae, Wrexham ................................................................. 104
Rhosllannerchrugog, Wrexham .................................................... 104
Rhosymedre, Wrexham ............................................................. 104
Ruabon, Wrexham ................................................................. 104
Shrewsbury, Shropshire ............................................................ 101
St. Athan, Glamorgan .............................................................. 101
clock dial, turret
at Bassano del Grappa ................................................................. 190
St. Andrew's church ................................................................. 214
Clockmakers Company ............................................................... 83, 379
clock making course at West Dean College ........................................... 34
clockmaking manuscript 14th ......................................................... 188-193
clock movements, longcase by David and John Phillip ........................................... 571
clock tower, Piazza delle Erbe, Mantua ............................................. 532
Clockmaking Treatise anonymous c.1380 ........................................... 182
cloisonné, Dome clock by Patek Philippe .......................................... 17
Clowes, John of London, longcase clock ............................................. 324
Comber, Richard, watch-paper ...................................................... 480
Commissioners of Longitude ......................................................... 76
compass, marine
Dent's boat ................................................................. 331
Dent's patent liquid compass ......................................................... 331
Dent, E. J. ................................................................. 330
Conliff of Liverpool, skeleton clock, astronomical ................................ 322

Cooper, William of London, Looking Glass and clock Case Manufacturer, bankrupt 487
Cooper, Wm. & Hedge of Colchester, lantern clock ........................................... 418
Copley Gold Medal ................................................................. 77, 94
Correvon, Armand of Geneva ......................................................... 494
Cousens and Sons of Falmouth, chronometer maker ........................................... 335
Cradock, Mat, AHS Wristwatch Group report ........................................... 133
Cribb, William, bracket clock ......................................................... 158
Crisp, William Baker of London, chronometer maker ........................................... 346
Crompton, Samuel, spinning mule inventor ......................................................... 95
Cumming, Alexander
regulator barograph ................................................................. 173
regulator wall mounted ................................................................. 456
Cutbush, Richard ................................................................. 10

D

da Vinci, Leonard ................................................................. 520
Daniel, Henry & John of Liverpool, chronometer makers ........................................... 336
Daniel, H. of Liverpool, watch ......................................................... 270
Darby, Abraham II ................................................................. 95
dissolved partnerships of London and provincial horological workers 1772-1849
................................................................. 485, 493
Davidson, Simon C. and Linstead-Smith
Peter,
W. E. Frodsham No.1. Another chronometer identified from HMS Beagle’s second voyage article ......................................................... 366
Davies, Alun C., Horological patents, 1662-c.1800: Restraining trade, stifling innovation or rewarding invention? article ......................................................... 82
Patents letter ................................................................. 426
Davies, Nathaniel ................................................................. 94
Davis, Samuell of London, lantern clock ......................................................... 312, 462
Davy, Humphrey ................................................................. 95
Dawson, Percy, Medal, awarded to Michael W. Paice ......................................................... 124, 396
de Bombourg, Jean ................................................................. 359
de Coulon, Sydney, Managing Director of Ébauches SA ......................................................... 508
De Dion Bouton, Model Y 1904 ......................................................... 396
De Doni ................................................................. 197
Jacopo and Giovanni Dondi ......................................................... 222
de Save, S. B., London lecture reports .
Dürer, Albrecht ........................................ 83, 88
Deacon, Samuel, account book .................... 101
Debauffre, Peter and Jacob, jewelling patent ........................................ 83, 88
Delage, Gustave ........................................ 500
Dent, E. J. and Arnold, J. R., partnership dissolved ........................................ 484
Dent, Edward John of London, chronometer maker ............................... 329
dipleidoscope by ........................................ 179
Dent, Frederick of London, chronometer maker ........................................ 331
Dent, John of London, chronometer maker ........................................ 329
Derry, Clifford, AHS Midlands Section report ........................................ 274
Desborough, Jane, The making of the modern clock and watch dial 1550-1770, lecture ........................................ 389
Desilva, William of Liverpool, chronometer maker ........................................ 336
desk clock, Junghans ‘Astro-Chron’ ........................................ 238
dial movement for Silent Electric clock System ........................................ 63
Dickman, John of Leith, chronometer maker ........................................ 335
diograph ........................................ 69
Dilger, Drichtler, Faller, Thoma, and Witman, partnership dissolved .............. 485
dipleidoscope by E. J. Dent ........................................ 179, 330
Dobbie, Alexander of Glasgow, chronometer maker ........................................ 335
Dollonds, John, patent for an achromatic telescope ........................................ 91
Donkin, & Drescher of Manchester dissolved partnership ........................................ 487
Donzé, Pierre-Yves ........................................ 508
Downes, Robert & Bowen, John watch-paper ........................................ 486
dissolved partnership ........................................ 486
Drescher & Donkin of Manchester, dissolved partnership ........................................ 487
Drichtler & Faller, dissolved partnership ........................................ 487
Drichtler, see Dilger ........................................ 485
Duff, W. & Nephew of Liverpool, chronometer maker ........................................ 336
Dugmore, Edward Wheeler of Birmingham, clock dial maker and japanner, insolvent 1818 ........................................ 487
Duport & Recordon, dissolved partnership ........................................ 484
Dürer, Albrecht, artist and printer ........................................ 204
Dutertre, Jean Baptiste, mantel clock 257
Dutton, William of London, bracket clock quarter repeating .................. 31
wall clock ........................................ 457
Dutton, Matthew of London, bracket clock quarter striking .................. 474
Dwerrihouse of London, bracket clock ........................................ 20
Dye, David, quartz oscillator development ........................................ 240

E
Earnshaw, Thomas, chronometers by ........................................ 251
East, Edward, bracket clock, quarter-striking ........................................ 446
East, Peter & Joyce, George, patent for chiming granted ........................................ 86
Edwards, Richard, The English Lever Pocket Watch, lecture ........................................ 131
Eiffe, chronometer maker ........................................ 376
electric clocks, Patent diagrams ........................................ 285
Elkin, Lucas, Music Time, lecture ........................................ 274
Ellieot & Taylor of Royal Exchange, longcase clock ........................................ 560
Ellieott of London, longcase clock ........................................ 316
Equation of Time: lecture by Andrew James ........................................ 565
Eser, Thomas, The Henlein exhibition at the Germanisches Nationalmuseum, article ........................................ 199
Essen, Louis ........................................ 240
Etzlaub, Erhard, instrument maker and cartographer ........................................ 204
Eugen, Aron of Rotax ........................................ 499
Euler, Leonard ........................................ 79, 94
Evans, David, Wynne at Alresford, letter ........................................ 134
Everell, John of London, bracket clock 157
Exhibition, Germanisches Nationalmuseum, Nuremberg ‘The Henlein dispute’ ........................................ 202

F
Facio, Nicholas ........................................ 83
faesimilefrom 1473 incunabulum ........................................ 533-4
Faller & Drichtler partnership dissolution ........................................ 487
Faller, Drichtler, Thoma, Witman and Dilger, partnership dissolved .............. 485
Fara, Dr. Patricia, New president of AHS ........................................ 178
Faraday, Michael ........................................ 95
Fertbauer, Vienna regulator, month duration ........................................ 151
### ANTIQUARIAN HOROLOGY

<table>
<thead>
<tr>
<th>Page</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>73</td>
<td>Flavelle &amp; Roberts, *Astronomical Observer*</td>
</tr>
<tr>
<td>107</td>
<td>Flowers, Jonny, *Rare and unusual regulators*, lecture</td>
</tr>
<tr>
<td>566</td>
<td>Fordham, John of Great Dunmow, Essex, lantern clock</td>
</tr>
<tr>
<td>18</td>
<td>Forrest, James of Glasgow, longcase clock</td>
</tr>
<tr>
<td>174</td>
<td>French, Santiago James Moore, chronometer maker</td>
</tr>
<tr>
<td>333</td>
<td>Friess, Peter, *The Emergence of the Portable Watch*, reviewed</td>
</tr>
<tr>
<td>360</td>
<td>Frodsham, William James of London, chronometer maker</td>
</tr>
<tr>
<td>336</td>
<td>Gerrard, William of Liverpool, chronometer maker</td>
</tr>
<tr>
<td>336</td>
<td>Giaque &amp; Haesler, Swiss tool suppliers</td>
</tr>
<tr>
<td>508</td>
<td>Gilchrist, Owen, *Servicing of an IWC pocket watch*, talk</td>
</tr>
<tr>
<td>273</td>
<td>Gilligan, Michael, *Travis Rotherham*, letter</td>
</tr>
<tr>
<td>576</td>
<td>Girard-Perregaux, wristwatch</td>
</tr>
<tr>
<td>410</td>
<td>Glanville, John and Wolmuth, William M., *Clockmaking in England and Wales in the Twentieth Century. The Industrialised Manufacture of Domestic Mechanical clocks* reviewed</td>
</tr>
<tr>
<td>306</td>
<td>Glasby, John, AHS East Anglian Section report 130, 274, 416-7, 568-9 *Godfrey, Thomas of America, invention of the octant* 79 *Golay, H., watches submitted at Kew* 107 *Goode, Charles of London, lantern clock* 18</td>
</tr>
<tr>
<td>500</td>
<td>Gordon Smith, Allan</td>
</tr>
<tr>
<td>508</td>
<td>Gordon, Hugh, bracket clock</td>
</tr>
<tr>
<td>512-3</td>
<td>Liebhi</td>
</tr>
<tr>
<td>514-7</td>
<td>French or Flemish</td>
</tr>
<tr>
<td>521</td>
<td>Gout, David Ralph of London</td>
</tr>
<tr>
<td>225</td>
<td>Gout, Ralph of London, at 122 Bunhill Row</td>
</tr>
<tr>
<td>232</td>
<td>trade card</td>
</tr>
<tr>
<td>336</td>
<td>Gowland, George of Liverpool, chronometer maker</td>
</tr>
<tr>
<td>484</td>
<td>Grace, William of London, watch-toolmaker bankrupt</td>
</tr>
<tr>
<td>490</td>
<td>Graham &amp; Parkes of Liverpool, chronometer maker</td>
</tr>
<tr>
<td>336</td>
<td>Graham, George of London</td>
</tr>
<tr>
<td>77</td>
<td>bracket clock</td>
</tr>
<tr>
<td>315</td>
<td>bracket clock No. 692</td>
</tr>
<tr>
<td>592</td>
<td>Graham, John of Liverpool, chronometer maker</td>
</tr>
<tr>
<td>447</td>
<td>Grant, John, bracket clock No. 154</td>
</tr>
<tr>
<td>490</td>
<td>Grant, William and Lancaster, *Henry of Preston, partnership dissolved*</td>
</tr>
<tr>
<td>20</td>
<td>Gray, Benjamin and Vulliamy, Justin, bracket clock</td>
</tr>
<tr>
<td>336</td>
<td>Gray, Charles Jones of Liverpool, chronometer maker</td>
</tr>
<tr>
<td>336</td>
<td>Gray, John of Liverpool, chronometer maker</td>
</tr>
<tr>
<td>6</td>
<td>Green, J. of London, bracket clock</td>
</tr>
<tr>
<td>65</td>
<td>Greenwich Time</td>
</tr>
</tbody>
</table>
Gregorie, Jeremie of London, lantern clock .......................................................... 18
Greig, Duncan, AHS study tour report 2016 ............................................................. 559-564
Griffiths John,
   Royal Greenwich Observatory
   Herstmonceux – chronometer Section.
   talk ........................................... 404
Grocot, Robert, watch finisher, bankrupt .............................................................. 490
Gullven, Thomas of Horsham, lantern clock ......................................................... 462
Guy Peter of Liverpool, lantern clock ... ................................................................. 312, 462

H
Habrech, Isaac
   of Brunswick Inclined plane clock ... 365
   of Würzburg Inclined plane clock ... 365
Hadfield James of Bridgewater, clock-
   engraver, petitioned for release ............ 487
Hadley, John, inventor of the octant ..... 79
Hallocher, Matthäus of Dresden, ‘Singing
   Bridge’ rolling ball clock .................. 363
Halley, Edmund .................................. 77
Hamilton 500A wristwatch .................. 406
Hammond, George of Manchester,
   chronometer maker ......................... 335
Hampson named in injunction by David
Ralph Gout ..................................... 229
Hammer, Thomas, Longitude Commissioner
   .................................................. 75
Harris, James, AHS Wristwatch Group
   meeting report ................................ 575
Harrison, James Snr . & Jnr. turret clock,
   St. Johns Church, Alkborough .......... 421
Harrison, John
   Longitude prize ............................. 73
   Marine timekeepers, H1, H3, H4 & H5
   .................................................. 78, 81
Did John Harrison win the Longitude
   Prize?, article by Andrew King ............ 73
   Some remarks on the response to my
   reflections lately published, letter ...... 428
Harrison, William, sea trials of H3 ......... 79
Hart, John, petitioned for release ......... 482
Hauck, Samuel of Augsburg, grande
   sonnerie tabernacle clock ................. 543
Harvey, Robert, lantern clock .............. 518
Hemsley, Thomas and Son of Tower Hill,
   chronometer maker ....................... 339
Henlein, Peter
   bronze statue .............................. 206
   exhibition ‘The Henlein dispute’...... 202
   locksmith and maker of small
   timekeepers ............................... 204
Henlein, Peter continued
   memorial inscription ....................... 199
   protective case for watch ............... 205
   ‘so called’ watch .......................... 200
Hennessey of Swansea, chronometer maker
   .................................................. 334
Herman, Aron & Eugon, Rotax company
   .................................................. 499
Hiatt, Henry of Liverpool, chronometer
   maker ......................................... 336
Hill, Abraham, treasurer of the Royal
   Society ....................................... 85
Hillary, Edmund, watch property of .......... 509
Hills, Jonathan, Hills of Sudbury, talk ... 277
Hindle, Henry of York, bracket clock ... 306
Hipp-toggle .................................... 56
IMS Beagle in the Straits of Magellan ... 366
Hoare, Gordon,
   In response, letter .......................... 426
   Watchstands a request, letter .......... 434
Hodges, Edward of Spalding, Lincolnshire
   lantern clock ................................ 18, 164, 312, 462
Holmes of London, journeyman clock
   .................................................. 167, 304
Homes, David, COMTOISE – Iron Man and
   Survivor of the clock world, talk ....... 278
Hooke, Robert, balance spring .......... 85
Hope-Jones, Frank, Synchronome Company
   .................................................. 56, 109
Hornby, Richard & Son of Liverpool,
   chronometer maker ....................... 336
horological news
   2016 Symposium ‘Clocks at Winterthur
   Museum’ ..................................... 34
   ANCAIA dissolved .......................... 180
   Big Ben repairs ............................ 181
   British Sundial Society conference,
   Liverpool .................................... 179
   H4 replica, making of .................... 326
   Oxford History of Science museum 180
   Revolution in Time ....................... 326
   The Watch Register ................. 181
   turret clock Forum ........................ 34
   turret clocks ............................. 326
   West Dean College
   clock making course ..................... 34
   new lathe for ............................. 326
Horseman, Stephen bankrupt ............. 480
Horseman, Stephen & Quare, Daniel. See
   Quare, Daniel, & Horseman, Stephen
   Horseman, Stephen & Quare, Daniel,
   bracket clock No.226 ..................... 450
Horton, Joseph, first quartz clock ....... 240
Howard, Richard Eden of London, bankrupt
......................................................... 490
Howells, William, watchmaker ............. 99
Hughes, Henry & Son, trade card ......... 340
Hughes, Thomas of London, longcase
regulator miniature 8-day .................... 463
Hunsdon, Edward of Chelmsford, lantern
clock .............................................. 18, 164, 312, 462
Hunter, John of Bristol, petitioned for
release ............................................. 481
Huntsman, steel manufacturer .............. 92
Hüpper-Purcell, Allan C., Solomon
Schisgall, letter ................................. 283
Hurds 1821 list of government time-
keepers with ship ......................... 249-252
Hutchinson, John, failed patent .......... 88
Hutchinson, Robin, AHS Midlands Section
report ............................................. 29, 273, 415-6, 567-8
Huygens, Christiaan and Bruce, Edmund,
horological patent ............................ 85

I
Ilmonen, Karolina & Barnes, Nigel
Clock Cases, A Practical Guide to their
Construction, Restoration and
Conservation, reviewed .................... 117
inclined plane clocks
anonymous ....................................... 356
anonymous in British Museum ......... 365
anonymous, eight day ..................... 362
anonymous, private collection ........ 365
Buschmann, Hans of Brunswick .... 365
Habrecht, Isaac of Brunswick ........ 365
Habrecht, Isaac of Würzburg ........ 365
Mut, Gerard of Kassel ................... 365
Wheeler, Maurice ......................... 365
Wisth, Johannes of Dresden .......... 365
Index for Volume 35 ....................... 402
Invicta Electronic Swissonic, wristwatch
................................................... 408
Irwin, Christopher ......................... 89
Israel, Nigel, Longitude Award, letter 427
IWC, Servicing of a pocket watch, talk by
Owen Gilchrist ............................... 273

J
Jackson, Brian,
Watches and clocks in the Collection
of the Fitzwilliam Museum, lecture .... 570
Jackson, William of Loughborough, lantern
clock ............................................. 18, 164, 312, 462
Jaéger, Ed. Ltd, London factory ......... 500
Jaéger, Edmond of Paris ................. 499
James, Andrew, The Equation of Time:
clockwork and Shadows, lecture ...... 565
Janvier, Antide, Paris, bracket regulator 318
Japy, George-Frédéric ...................... 378
Jaquet-Droz & Leschot, scent flask ..... 552
Jeffery, Scott, An Introductory Guide to Repairing
Mechanical clocks, reviewed .......... 118
Jenner, Edward, smallpox vaccine ...... 95
Jewitt, William & Co. of Liverpool
chronometer maker ....................... 336
trade label ..................................... 341
Job, Robert of London, watchmaker ..... 491
Johnson, Malkolm, watch property of
journeyman clock by Holmes of London
.................................................. 167, 304
Joyce, George & East, Peter, patent for
chiming granted ............................ 86
Junghans, wristwatch, light powered, radio
controlled ..................................... 412

K
Kendall, Larcum of London ............... 94
timekeeper K1 ............................... 80
Kenney, George, Daniel Quare’s numbered clocks, article
................................................. 37
Quare’s St.Martins address, letter 134
Kenton, John, see Allman
Kersten, Paul, AHS Dutch section meeting
report ............................................ 132, 572
Ketterer; see Semith
Kew register page ......................... 108
Kew, H. Golay, watches submitted ..... 107
Keyte, Richard of Witney, lantern clock
18
Köhler, Johann Gottfried of Dresden,
loncease regulator ......................... 314
kinematograph projector ................. 69
King, Andrew,
Winner or loser. Did John Harrison win
the Longitude Prize? article .......... 73
Some remarks on the response to my
reflections lately published, letter .... 428
Kinzing, Peter, movement maker .......... 255
Kirkpatrick, Ron, Some thoughts about
lantern clocks, letter ...................... 576
Knibb, Joseph of London
longcase clock ‘The Hay Knibb’ ....... 148
bracket timepiece ......................... 301
Knifton, Thomas of London, lantern clock
................................................. 18, 164, 312, 462
Knight, Jack AHS Study Tour 2016 report
.................................................. 559-564
Koch of Vienna, sundial .................. 179
Kugellaufuhr, rolling ball clock .............. 354

L
Labels printed for
Christensen of Cowes .................... 344
W. E. Frodsham No.1 ................. 373
Hennessy of Swansea .................. 334
Lambert, Nicholas of London, bracket clock quarter-striking ....................... 2
Lancaster and Grant of Prescot, partnership dissolved ....................... 490
Langford, William of Bristol, chronometer maker .......................... 335
lantern clocks
anonymous ...................................... 518
Aylward, John of Guildford .......... 462
Barlow, William of King's Lynn .... 18, 164, 312, 462
Barnett, John of London ..... 18, 164, 312, 462
Bunston, Henry of Lyme Regis .... 18, 164, 312, 462
Child, Henry of London ............. 444
Cooper, Wm. & Hedge of Colchester 418
Davis, Samuell of London ........... 312, 462
Fordham, John of Great Dunmow ... 18
Goode, Charles of London ........... 18
Gregorie, Jeremie of London ...... 18
Gullven, Thomas of Horndon ....... 462
Guy, Peter of Liverpool ............. 312, 462
Hodges, Edward of Spalding ........ 18, 164, 312, 462
Hunsdon, Edward of Chelmsford ... 18, 164, 312, 462
Jackson, William of Loughborough 18, 164, 312, 462
Keyte, Richard of Witney .......... 18
Knifton, Thomas of London .......... 18, 164, 312, 462
Lindsey, John of Nayland .......... 18, 164, 312
Loomes, Thomas of London ......... 18, 164, 312
Markwick & Markham of London .... 18
Marsh, Humphrey of Highworth .... 18, 164, 312, 462
May, John of London .............. 312, 462
Milles, Thomas of London .......... 164
Moore, Thomas of Long Melford ... 18, 164, 312, 462
Newton, William of East Smithfield 18, 164, 312, 462
Norris, Edward of London .......... 462
Norris, Joseph of Abingdon ......... 18, 164, 312

Ogden, James of Soyland ............
........................................... 18, 164, 312, 462
Parker, Thomas of Aldersgate .. 312, 462
Potter, Baldwin of Stockport ....
........................................... 18, 164, 312, 462
Quare, Daniel of London, No.72 ... 48
Rundell, Edward of Norton St. Phillips ....
........................................... 18
Snashall, William of East Grinstead...
........................................... 18, 164, 312, 462
Stanton, Edward of London, miniature 312, 462
Strobing, Benjamin of Stowmarket ...
........................................... 18, 164, 312, 462
Watts, Thomas of Lavenham ....... 18
Wright, John in Mansfield .........
........................................... 18, 164, 312, 462

lantern clock construction ............ 519
Le Roy et Fils, Paris, bracket clock .... 258
Le Couture at Le Sentier, in the Vallée du Joux .................................. 499
Lefrand of Paris, carriage clock grand
sonnerie .................................. 160
Lemon, Henry R. of Liverpool, chronometer maker .......................... 336
Lennox-Boyd, Sir Mark,
Sundials - History, Art, People, Science. lecture .................................. 127
Lenoir, Robert, An Englishman, a
Frenchman and a watchman: the cross-border life of Robert Lenoir 1898-1979
article by James Nye ................ 496-502
Leopold, John see book reviews
Lépine of Paris, skeleton clock ....... 25
Lepine, Jean-Antoine .................. 378
Leroy, & Cie of Paris, carriage clock,
grande-sonnerie ....................... 53
Leschet & Jaquet-Droz, scent flask .... 552
letters to the Editor
An impatient Scottish poet, by Derek Roberts .................................. 136
Automaton elephant, by Jonathan Betts & Roger Smith .................... 137
Bishop Egham, by Chris McKay ... 135
For the record, by David Penney ...... 423
Grollier de Servière, correction .... 576
Hurd’s List, by Phillip Arnott ........ 431
In response, by David Buckden .... 425
In response, by Gordon Hoare .... 426
Letters to the Editor, by David Penney .................................. 577
Longitude Award, by Nigel Israel ... 427
letters to the Editor, continued,
Loseby turret clocks, by Andy Burdon .......................................................... 576
Patents, by Alun Davies ................................................................. 426
Quare’s St. Martins address, by George Kenney ........................................... 134
Roskopf, by John Platt .......................................................... 433
Solomon Schisgall by Allan C. Hüpper-Purseil ........................................ 283
Some remarks on the response to my reflections lately published, by Andrew
King .................................................................................. 428
Some thoughts about lantern clocks, by Ron Kirkpatrick ....................... 576
The Longitude Act and chronometers, by Jonathan Betts ..................... 280
The Longitude Act, by Guy Boney Q.C ........................................... 430
Travis Rotherham, by Michael Gilligan ........................................ 578
Turret clock in Innsbruck, by John Robey ........................................ 432
Watchstands a request, by Gordon Hoare ............................................. 434
Wynne at Alresford, by David Evans .................................................... 134
Levett, Richard, petitioned for release ........................................ 482
Levin, Simon & Son, dissolved partnership ........................................ 484
library news by Edward Powell ..................................................... 402
Liechti, Erhard, Gothic hour-striking clock with alarm 1584 ................ 512
Lilley & Son of London, chronometer maker ....................................... 341
trade label ............................................................................. 340
Lindsey, John of Nayland, lantern clock ............................................. 18, 164, 312
Linnard, William,
A little treatise for making clocks in the fourteenth century, article ..... 182
A dial described in 1473, article ............................................. 530
Linstead-Smith, Peter and Davidson, Simon
C., W. E. Frodsham, No. 1. Another chronometer identified from HMS
Beagle’s second voyage, article ............................................. 366
Litherland, Peter & Co of Liverpool, Patent Watch Manufactory .......... 487
association with Thomas Banning ............................................. 487
Lloyd, Phillip of Bristol, longcase clock with tidal dial ...................... 313
longcase clock by
Beneke, Johann Conradt, Ludwigslust
ducal cardboard factory .................................................................. 256
Bramer, Wilm of Amsterdam ......................................................... 451
Clowes, John of London ................................................................ 324
Ellicott and Taylor of London .......................................................... 560
Ellicott of London .......................................................................... 316
Forrest, James of Glasgow ............................................................... 174
Graham, George London
No. 644 .............................................................................. 29
No. 661 .............................................................................. 15
Knibb, Joseph
Roman-striking, three-month-going
with 1¼-second pendulum .................................................................. 148
‘The Hay Knibb’ ........................................................................ 148
Köhler, Johann Gottfried of Dresden,
longcase regulator ......................................................................... 314
Lloyd, Phillip of Bristol, tidal dial .................................................... 313
Quare, Daniel & Horseman, Stephen
No. 179, No. 199, No. 211, No. 219, No. 221, No. 231, No. 234, No. 235
No. 238, No. 244, No. 254, No. 259, No. 263, No. 295, No. 298, No. 299
No. 305 ............................................................................. 51-53
No. 220 .............................................................................. 44
No.239 musical .......................................................................... 45, 52
Quare, Daniel
No. 109, No. 137 ..................................................................... 43, 49
No.40, No.76, No.78 No.110, No.111, No.128, No.130, No.131, No.136
No.145, No.151, No.156, No.157, No.159, No.162, No.165 ............. 47-50
No.148 double chapter ring .......................................................... 44, 50
No.218 .............................................................................. 51
Stretch, Peter .................................................................................. 36
Topping, John “Memory Master”,
London, month going ..................................................................... 298
Vermeulen, Andries of Amsterdam,
month going .................................................................................. 12
Whitehurst, John of Derby .................................................................. 154
Williams, Thomas, tidal dial ............................................................. 278
Wise, John ...................................................................................... 28
Longitude Act .............................................................................. 73
Longitude Commissioner, Thomas Hamner ........................................... 75
Longitude Prize ............................................................................ 73
Loomes, Thomas of London, lantern clock ........................................... 18, 164, 312
Lorimier, Charles, watch-case maker .................................................. 494
Lowe, Thomas, Dartford, bankrupt ................................................. 479
Lowne, electric clocks ...................................................................... 65
Lowrie, John Clavering of Botolph Alley, petitioned for release .......... 482
lunar tables by
Charles Mason .............................. 94
Tobias Mayer .............................. 79
Lyme Park,
study tour announcement ............ 125
study tour report ....................... 559-564
wall clock, anonymous ............... 562

M
Macbor SA Agreement ................... 509
MacMichael, James, petitioned for release .................................................. 482
Magneta Time Company ............... 55, 65
mail guard’s watch by Wregg, London, No. 2004 ......................................... 302
Maillardet, Henri, automaton mouse ....
........................................ 445, 552
Mangaar, John Adam; see Allman mantel clock by
Breguet, No.658 ........................... 30
Cribb, William .............................. 158
Dutertre, Jean Baptiste ................. 257
Murray, James, London ................. 305
Vulliamy, No. 317 ........................... 3
March, Octavius, inventor ............... 58
Margett, George, chronometers by ...
........................................... 251
Margraf, Christof, horizontal tilted zig-zag rolling ball clock ....................... 363
Markham, Markwick and Borrell, bracket clock, musical ............................ 473
Markwick & Markham of London, lantern clock ........................................... 18
Marsh, Humphrey of Highworth, lantern clock ........................................... 18, 164, 312, 462
Maskelyne, Nevil, Nautical Almanac .. 79
Mason, Charles, lunar tables ........... 94
Masquerier, Lewis and Perigal, John, dissolved partnership ....................... 485
Massey, Edward John of Liverpool chronometer maker ......................... 336
Massey, Edward
chronometer maker ..................... 342
May, John of London, lantern clock .................................................. 312, 462
Mayer, Tobias, lunar tables ............. 79
McCabe, James carriage clock ........ 448
McEvoy, Rory, A Time to Remember, article ............................................... 522
McGregor, D. & Co. of Liverpool, chronometer maker ......................... 336
Melnnes, Dobbie of Glasgow, chronometer maker .................................... 335
McKay, Chris,
The Maintenance, Repair,
Bishop Ergum, letter ..................... 135
McKay, Chris & Thomas, Steve, Turret clock by James Harrison of Hull, 1845 .................................................. 111
Me Master & Sons of Dublin, carriage clock ............................................. 8
Meath-Bowell, electric clock and constant force escapement .................... 71
Meigh, Moses of Rotherhithe, bankrupt ................................................... 479
Meinen, Warner, see book reviews
Melling, Edward & Co. of Liverpool, chronometer maker .................... 336
memorandum to Kew Observatory by
Charles J, Hill of Coventry .......... 425
Mercer, Frank, Master of the Clockmakers Company ......................... 508
Mewes, William August of London, chronometer maker ....................... 331
Milles, Thomas in Shoe Lane, London, lantern clock ............................... 164
Mince, Jonah, London, watchcase maker .............................................. 235
mine timer Smiths, Mark IV ........... 505
Mitchell, Allport, and Pemberton, dissolved partnership ....................... 486
Mitchell, and Pemberton, Birmingham, dissolved partnership .................. 485
Molyneux, Robert of London, chronometer maker .......................... 376
Moore, F.M., chronometer maker .......... 334
Moore, Thomas of Long Melford, lantern clock ..................................... 18, 164, 312, 462
Moot Hall in Colchester ................. 418
Moracee, W. H. of North Shields, chronometer maker ....................... 335
Moray, Sir Robert FRS ................... 85
Morley Fletcher, Arthur, Synchronome Syndicate ................................ 61
Morpurgo, Enrico, horological research ........................................... 182
Morrice of London, chronometer maker ........................................... 376
Mostyn House School, Parkgate ....... 62
Mudge, Thomas of London, chronometer maker ................................. 94, 252
Mudge, Thomas and Brockbank, John ...... 96
Murray, chronometer maker ........... 376
Murray, James mantel timepiece ....... 305
museums
Anson Engine, Poynton, Cheshire ... 563
Chalkpits, Amberley, West Sussex ... 109
Cuckooland, Tabley, Cheshire . 560, 561
Museums, continued
  Fitzwilliam Museum, watches and clocks in the collection, lecture by Brian Jackson .......................... 570
  Macclesfield Paradise Mill and Silk 564
  Metropolitan Museum of Art New York ........................... 119
  Oxford History of Science ................. 180
  Patek Philippe, Geneva ............... 17
  Schloss Ludwigsfurt, Germany ... 253
  Winterthur, Wilmington, Delaware, USA. ........................... 34
  musical clock by John Berry, London 562
  Mylbourne, John of Old Bailey, petitioned for release ........................ 481
  mystery clock by Rousseau .......... 316

N
  Nahum, Dr. Andrew,
    Frogs Frequencies and Forks: The Bulova Accutron and the Tuning Fork as a Time Standard, lecture .... 126
  Neill, John R. of Belfast, chronometer maker ........................................ 335
  Nelmes, Robert of London, watch & clockmaker .................................. 491
  Neuschel, Johannes, trumpet maker ... 204
  Newcomen, Thomas ............. 88
  Newton, Isaac ..................... 74
  Newton, William of East Smithfield, lantern clock ................ 18, 164, 312, 462
  Nicholson, William of Brighton, watch and clock-case maker, bankrupt .... 487
  night clock by Gail, Matthias, .... 358
  night clock invention by Campani brothers .......................................... 358
  Normal-Zeit time distribution system ... 60
  Norman, Robert Douglas
    18 carat gold watch ................ 522
    portrait ................................ 523
  Norris & Campbell of Liverpool,
    chronometer maker .................. 336
  Norris, Edward of London, lantern clock ........................................... 462
  Norris, Joseph of Abingdon, lantern clock ........................................... 462
  Nourisson, astronomical clock, St. Jean
  Cathedral, Lyon ............................ 360
  Nye, James
    AHS Electrical Horology Group meeting reports .................. 132, 267, 420, 573
    International postage of the journal 269

  An Englishman, a Frenchman and a watchman: the cross-border life of Robert Lenoir 1898-1979, article .... 496
  George Bennett Bowell, article ...... 55

O
  Obituary, Don Wing 1943-2015 ............ 34
  Octant, invented by John Hadley ........ 79
  Ogden, James of Soylund, lantern clock ............................................. 18, 164, 312, 462
  Ogle, Vanessa
  Oldenburg, Henry, horological patent ... 85
  Omega
    Cal 1511 Marine chronometer
    wristwatch .................................. 410
    Constellation wristwatch ................ 409
  organ clock by
    Clay, Charles ........................ 539-541
    Pyke, George London .................... 323
  Osmond, Robert and Baptiste of Paris, clock case makers .................. 256
  Owens, Owen of Liverpool, chronometer maker ................................... 336

P
  Paice, Michael W., winner of Percy Dawson Award 2015 .................. 124, 369
  Palazzo Pretorio, Venice turret clock ... 215
  Paolo. Maestro, Venetian clockmaker ... 215
  Papillion, Francesco in Firenze, bracket clock with 6-hour dial ......... 461
  Parker, Thomas of Aldersgate, lantern clock ............................. 312, 462
  Parkes, John & Sons of Liverpool,
    chronometer maker .......................... 336
  Parkinson & Frodsham
    chronometer maker ............... 229, 333, 376
    chronometers by .................... 252
    marine chronometer No. 3861 ..... 320
    carriage clock, giant ............... 299
  Parsons and Ball, article by James Nye 55
  partnership dissolutions
    Allman, Kentish, Mangaar and John of Southampton-Street .............. 484
    Allport, Pemberton, and Mitchell .... 486
    Anderson & Robinson of Lancaster 484
    Arnold, J.R. and Dent, E.J. ........ 484
    Bowen, & Downes .................... 486
    Dent, E.J. and Arnold, J.R. ......... 484
    Dilger, Faller, Dritchler, Thoma and Witman ................................ 485
    Donkin & Drescher Manchester ..... 487

  611
partnership dissolutions, continued
Downes, & Bowen 486
Drichtler & Faller 487
Drichtler, see Dilger 485
Duport & Recordon 484
Faller & Drichtler 487
Grant, and Lancaster of Prescot 490
Kentish, Mangaar and Allman of Southampton Street 484
Lancaster and Grant of Prescot 490
Levin, Simon & Son 484
Mangaar, Allman and Kentish of Southampton Street 484
Masquerier and Perigal 485
Mitchell and Pemberton of Birmingham 485

number of dissolutions of horological trade 1770-1849 485
number of London horological workers 493
number of provincial horological workers 1789-1849 493
Perigal and Masquerier 485
Recordon & Duport 484
Robinson & Anderson of Lancaster 484
Thoma, see Dilger 485
Witman, see Dilger 485

patents
Arnold’s No. 1113 & No. 1328 97-98
Booth, Houghton and Tompson No. 344 87
Earnshaw’s patent No.1354 99
East, Peter and Joyce, George, granted for chiming 86
Gout, Ralph P., pedometrical watch 230-231
Oldenburg, Henry, horological 85
Schissgl, Solomon, Patent No. US3001139A 283
Somerset, Edward, Patent No. 131, first related to clocks 84
Tyzache, John, Patent No. 331 for night engine 86

Patterson, Angus
Metals for Horology: A History of the Brass and Related Industries, lecture 126

Payne, George Patmore of Liverpool, chronometer maker 336
Pearson Fire Alarm, letterhead 59
Pearson’s Automatic Fire Indicator Company 59
pedometer advert 229
pedometer movements by Gout 227
pedometer/watch 233-236
Pemberton and Mitchell of Birmingham, dissolved partnership 485
Pemberton, Mitchell, and Allport, dissolved partnership 486
pendant watch, Patek & Co., Geneva 163
Pendleton, Richard regulator 171
Penney, David
For the record, letter 423
Letters to the Editor, letter 577
Pennington, Robert of London chronometer maker 376
chronometers by 252
Perigal and Masquerier, dissolved partnership 485
petitions for release as insolvent debtors 482
Piazza delle Erbe clocktower in Mantua 532
Piers, Charles of Liverpool, chronometer maker 336
Piquet, Abram Elizee, Swiss watchmaker 494
Platt, John G., Lancashire Watch Company History and Watches, review 536
Rokkopf, letter 433
pocket chronometer by Jno. R. Arnold, London. No 2159 303
Poole, James & Co., watch No 5972 452
Porter, Nathaniel of Birmingham, clock-dial maker bankrupt 487
Post Office clock
No. 12 66
No. 36 67
No. 36 general arrangement 68
Potter, Baldwin of Stockport, lantern clock 18, 164, 312
Powell, Edward, library news 402
Prevost, I. of Paris, cartel clock 546
Priestley, J. B. 243
Priestley, Joseph 95
Pritchett, John, account book 101-102
programme for the WCC Dinner at Goldsmith’s Hall, 10 June 1947 508
Pro Trek, Casio wristwatch 413
Pyke, George, organ clock 323
Pyson, Joël,
Le chronographe de poche suisse / Der Schweizer Taschenchronograph, review 262
Pynson, James of London chronometer maker 332
trade card 333
Q
Quare, Daniel & Horsemann, Stephen, bracket clock No.226 450
Quare, Daniel, Lodon 41-53 bracket clock, No. 160 309
Quare, Daniel, numbered clocks, article by George Kenney 37
Quare’s St.Martins address, letter 134
quartz clock in National College of Horology prospectus 246

R
Radage, Dennis; see book reviews
Radage, Laila; see book reviews
Radcliffe, Charles of Liverpool, chronometer maker 336
Radeloff, Nicolas, tower-form rolling ball clock 363
Radio Society of Great Britain 109
Ramsden, Jesse, dividing engine 94
Ramsey, David, first Master of the Clockmakers Company 83
Recordon & Duport, dissolved partnership 484
Redfern, John, Animating Time, film 13 regulator by
anonymous, domestic 472
Arnold, John, London No. 1 month going 296
Cumming, Alexander, wall mounted 456
Pendleton, Richard of London 171
Vulliamy, London 455
regulator, longcase by
Hindley, Henry of York, domestic 172
Hughes, Thomas of London, 8-day 463
Köhler, Johann Gottfried of Dresden 314
Lepaute, Henry of Paris 172
REMELEC 61
pamphlet 62
Rettani & Brusa, authors 182
Richard of Wallingford 197
Ridout, Martin, Bits from the Blog 125, 270, 556
Rippon, Frederick and Richard, chronometer maker 330
Roberts, Derek, An impatient Scottish poet, letter 136
Roberts, Samuel, account book 101
Roberts, Thomas of Liverpool, chronometer maker 336

Robey, John
AHS Midlands Section report 130
Gothic clocks from Europe circa 1400 to 1700, talk 278
The origin of the English lantern clock Part 1: Comparison with European Gothic clocks, article 511
Turret clock in Innsbruck, letter 432
Ung petit traitie pour faire oroëlges: A little treatise for making clocks in the fourteenth century, article 182
Rochat, Jules, bankrupt 494
Rodanet, Henri, chairman of Jaeger LeCouture 499
Roentgen, David, longcase clocks 255
Rohr, Christoph of Braunschweig, rolling ball clock 363
rolling ball clocks by
anonymous, Florence 363
anonymous, Kassel 363
anonymous, Prague, bracket clock 363
anonymous, table clock with figure of 8 track 363
Campani, Giuseppe floor-standing 363
Haller, Matthäus, Dresden, “Singing Bridge” clock 363
Margraf, Christof, Vienna 363
Mayr, Johann Georg, Munich, table clock 363
Radeloff, Nicolas of Copenhagen 363
Rosenberg Castle 363
Rohr, Christoph of Braunschweig, pyramid clock 363
Sayler, Johann of Stuttgart 363
Ulm 352
Württemberg 3 month going 363
Schlotthheim, Hans of Augsburg 297, 355
of Dresden 363
Rompay, Paul Van et al., G. F. Roskopf Pioneer of the popularly priced watch review 263
Rooney, David,
The Politics of Precision: Standard Time and Violent Protest, 1884-1914, lecture 551
Quartz clocks and the public in Britain, 1930-60, article 237
Rose, Ron, The Cole Family of Clockmakers, lecture 569
Rotax, Chandos Works, Willesden Junction 499

613
<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simpson &amp; Roberts of Liverpool</td>
<td>chronometer maker</td>
<td>336</td>
</tr>
<tr>
<td></td>
<td>skeleton clock by</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bellard, Julien of Paris</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>Conliff of Liverpool</td>
<td>322</td>
</tr>
<tr>
<td></td>
<td>Lépine of Paris No.12</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>Thomas, E. of Paris</td>
<td>547</td>
</tr>
<tr>
<td>Skellorn, John of Liverpool</td>
<td>chronometer maker</td>
<td>336</td>
</tr>
<tr>
<td></td>
<td>Smith Benjamin, petitioned for release</td>
<td>481</td>
</tr>
<tr>
<td></td>
<td>Smith S. &amp; Son</td>
<td>107</td>
</tr>
<tr>
<td></td>
<td>Smith, Barnaby, AIS South Eastern Section</td>
<td></td>
</tr>
<tr>
<td></td>
<td>report</td>
<td>275-7, 569-70</td>
</tr>
<tr>
<td></td>
<td>Smith, Humphry, head of the Royal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Observatory’s time department</td>
<td>240</td>
</tr>
<tr>
<td></td>
<td>Smith, John Bryant, watchmaker of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Shepton Mallett</td>
<td>491</td>
</tr>
<tr>
<td></td>
<td>Smith, Roger &amp; Betts, Jonathan, Automaton</td>
<td></td>
</tr>
<tr>
<td></td>
<td>elephant, letter</td>
<td>137</td>
</tr>
<tr>
<td></td>
<td>Smith, Roger see book reviews</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Smith, W. J. of Bristol, chronometer maker</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Smith’s Mark IV delayed release mine</td>
<td>335</td>
</tr>
<tr>
<td></td>
<td>timer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Smith’s type 206 anti-aircraft fuze</td>
<td>505</td>
</tr>
<tr>
<td></td>
<td>Snashall, William of East Grinstead,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>lantern clock</td>
<td>504</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sobel, Dava</td>
<td>93</td>
</tr>
<tr>
<td></td>
<td>Somerセット, Edward (Second Marquis of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Worcester) patent</td>
<td>84</td>
</tr>
<tr>
<td></td>
<td>South Eastern Section report</td>
<td></td>
</tr>
<tr>
<td></td>
<td>by Barnaby</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Smith</td>
<td>275</td>
</tr>
<tr>
<td></td>
<td>Speedometer, Model A LeCoultre</td>
<td>499</td>
</tr>
<tr>
<td></td>
<td>Spence &amp; Co, clockmakers</td>
<td>486</td>
</tr>
<tr>
<td></td>
<td>Spence Jones, Harold</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Astronomer Royal</td>
<td>240</td>
</tr>
<tr>
<td></td>
<td>Renter Warden of the Clockmakers Company</td>
<td>508</td>
</tr>
<tr>
<td></td>
<td>St. Andrew’s church Chioggia, turret clock</td>
<td></td>
</tr>
<tr>
<td></td>
<td>bell tower</td>
<td>214</td>
</tr>
<tr>
<td></td>
<td>cleaning work</td>
<td>215, 216</td>
</tr>
<tr>
<td></td>
<td>dial</td>
<td>214</td>
</tr>
<tr>
<td></td>
<td>stolen clocks</td>
<td></td>
</tr>
<tr>
<td></td>
<td>English Allam &amp; Clements, London,</td>
<td>435</td>
</tr>
<tr>
<td></td>
<td>c.1780</td>
<td></td>
</tr>
<tr>
<td></td>
<td>English by Dickens of Bath</td>
<td>435</td>
</tr>
<tr>
<td></td>
<td>Staatliches Museum Schwerin,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ludwigslust/Güstrow</td>
<td>256</td>
</tr>
<tr>
<td></td>
<td>Stalker, David of Leith, chronometer maker</td>
<td>335</td>
</tr>
<tr>
<td></td>
<td>Stamford, Lady, recovered watch</td>
<td>560</td>
</tr>
<tr>
<td></td>
<td>Standard Time Company</td>
<td>60-65</td>
</tr>
<tr>
<td></td>
<td>Stanton, Edward of London, lantern clock</td>
<td></td>
</tr>
<tr>
<td></td>
<td>miniature</td>
<td>312, 462</td>
</tr>
</tbody>
</table>

**S**

Savery, Thomas, steam engine patent   88
Saviller, Johann
rolling ball clocks   363
Scent flask, movement by Jaquet-Droz & Leschot   552
Schisgall, Solomon, improved electric clock patents   283, 284
Schlotheim, Hans of Augsburg, rolling ball clock ‘Tower of Babel’   297, 355
Schraven, Thomas, winner of Dr. Alan Shenton Award for 2015   124
Selby, Peter of Wareham, bankrupt   490
Semith, Shwerer, Trischler & Ketterer, Leeds and Stockport, German clock makers   487
Severs, Dr. David, Hugh Pannell and his clocks, lecture   127
Sewell, John, petitioned for release   481
Sewill of Cornhill, watch submitted for Kew trial   107
Sewill, Joseph of Liverpool, chronometer maker   336
Sharp, Abraham, letter to John Flamsteed   74
Shenton, Dr. Alan award   124
Shepherd, Charles of London, chronometer maker   332
ship’s log by Edward Massey   342
ship’s telegraph by J. W. Ray & Co., Liverpool   342
Shortt, William Hamilton, Junior Warden of the Clockmakers Company   508
Shwerer; see Semith
Silent Electric Clock Company   57, 61
catalogue   63
Simon, Louis of London, bankrupt   487
Simon, Samuel, injunction against   229
Statute of Monopolies 1624 ........................ 82
Stedman of Godalming, bracket clock with automata ........................................ 562
Stewart, A. D.,
Theory of naval chronometers of 1821, article .................................................. 247
Stone, Edmund, bedroom steward, recovered watch .............................................. 526
Stone, John of the West Country lantern clock .................................................... 18, 164, 312
Stretch, Peter, longcase clock ................................................................. 36
Stribling, Benjamin of Stowmarket, lantern clock ............................ 18, 164, 312, 462
study tour Patek Philippe Museum ............................................................... 17
Sullivan, Elizabeth see book reviews
sundials
Antony Gormley sculpture .................................................. 180
Dent diplensoscope ................................................................. 179
Koch of Vienna, dial ................................................................. 179
Lennoxlove, Scotland ............................................................. 436
various ......................................................................................... 459
Sutton, Thomas apprenticed to Richard Cutbush ...................................................... 10
Sutton, Thos of Maidstone, tavern clock ......................................................... 10
Swinger, James of Lincoln, petition for release from debt .................................. 491
Sykes, Geoff, meeting report ............... 573-5 symposium 2016 clocks at Winterthur Museum ......................................................... 34
Synchronome Syndicate, leaflet ................................................................. 58
Synchronome .......................................................... 55
Synchronome workshops .......................................................... 56
System X ................................................................. 72

T

<table>
<thead>
<tr>
<th>Table clocks by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adamson, Humfrey, London .............................................. 11</td>
</tr>
<tr>
<td>Barnes, Nathaniel ............................................................ 563</td>
</tr>
<tr>
<td>Barrow, Jno., London .......................................................... 466</td>
</tr>
<tr>
<td>Borrell, Henry, London ......................................................... 454</td>
</tr>
<tr>
<td>East, Edward .................................. 446, 470</td>
</tr>
<tr>
<td>Everell, John, London .......................................................... 157</td>
</tr>
<tr>
<td>French multi-dial at Speke Hall ............................................... 559</td>
</tr>
<tr>
<td>Fromanteel, Johannes ............................................................ 175</td>
</tr>
<tr>
<td>Graham, George, London ............................................... 315, 592</td>
</tr>
<tr>
<td>Knibb, Joseph ................................................................. 301</td>
</tr>
<tr>
<td>Le Royet Fils., Paris .............................................................. 258</td>
</tr>
<tr>
<td>Markham, Markwick and Borrell, London, musical ........................................ 473</td>
</tr>
<tr>
<td>Monkhouse, Thomas of London, musical ............................................... 474</td>
</tr>
<tr>
<td>Quare, Daniel, London, No. 160 ............................................... 309</td>
</tr>
<tr>
<td>shape as a pillar stump ............................................................... 256</td>
</tr>
</tbody>
</table>

Stedman of Godalming, with automata .......................................................... 562
Vulliamy, Benjamin London No.380 ......................................................... 5
bracket regulator by Antide Janvier ...................................................... 318
table of 17th century rolling ball clocks ............................................. 363
table of 17th century inclined plane clocks .......................................... 365
tables, lunar by Charles Mason .............................................................. 94
tavern clock by
Garty, John, Aberdeen .................................................................. 156
Sutton, Thos., Maidstone ................................................................. 10
tavern clock by, continued, ................................................................. 318
Thorndike, S., Ipswich ....................................................................... 308
Toleson, Ralph, London ....................................................................... 159
Taylor & Ellicot of London, longcase clock ............................................. 560
Taylor, Frank Sherwood, director of the Science Museum .................................. 242
Temple Newsam, Leeds, Pyke clock ..................................................... 565
Thiel, Gebrüder Lenoir's permit to enter works ............................................. 506
Thoma, see Dilger ................................................................. 485
Thomas, Darlah AIS Northern Section meeting reports .......................... 271, 404-415, 565-567
Thompson, Professor Silvanus .............................................................. 61
time capsule at Kew ................................................................................ 120
Time from the Exchange, article by James Nye .................................................. 56
Tode, George Paul, trade card ............................................................... 480
Tompion, Thomas
quarter repeating verge watch ............................................................... 471
verge watch quarter repeating .............................................................. 317
repeating watch ..................................................................................... 85
Topping, John of London, longcase clock month going "Memory Master" .................................................... 298
trade card of
Addis, George Curzon ................................................................. 478
Gaucheron, Mathew ................................................................. 481
Gout, Ralph ....................................................................................... 232
Hughes, Henry & Son ................................................................. 340
Pyott, James of London ................................................................. 333
Tode, George Paul, bankrupt ............................................................... 480
trade label of
Jewitt, W. & Co., Liverpool ................................................................. 341
Lilley & Son ...................................................................................... 340
Nugent, Wells of Newport ................................................................. 339
Thomas, Bath ...................................................................................... 483
train intervals board at London Underground headquarters .................. 279
transcript of the Old French Treatise .................................................. 186
travelling clock, Vulliamy No.1145 ................................................... 153
Travis of Rotherham, letter by Michael Gilligan ................................................................. 576
Trischler; see Semith

615
Turmehenuhr grande sonnerie by Samuel Hauckh, Augsburg, Circa 1615 ........ 543
Turner, Anthony,
Concerning some curious clocks in the cabinet of Grollier de Servière, article ........................................ 349

Turret clocks
birdcage movement, wrought-iron .......... 213
Castle Rushen, Isle of Man .................. 568
Turret clocks, continued,
Palazzo Pretorio, Venice .................... 215
Piazza delle Erbe, Mantua, Italy .......... 532-3
St. Andrew's, Chioggia ................. 213-218
St. John's Church, Alkborough by James Harrison and his father ........... 421
Van der Plancke, at Mostyn House School, Parkgate ....................... 62

Tyser, Steven, Wales and Marshes
Horological Society meeting reports ....
.................................................. 278-9, 571-2

Tyzache, John, Patent No. 331 granted for
night engine ..................................... 86

U
Ulrichs, John Gottlieb ...................... 93

V
Van der Plancke, turret clock .............. 62
Vatican Library ................................ 182
Vienna regulator, month duration,
by Fertbauer ................................ 151
Vincent, Clare see book reviews
Vischer, Peter, bronze easter ............. 204
Vulliamy, London
regulator domestic ......................... 455
travelling clock ............................... 153
Vulliamy, Justin and Gray, Benjamin
bracket clock .................................. 20

W
Wales & Marches Horological Society
programme autumn 2016 ................... 391
programme winter 2017 ..................... 554
Brass dial tidal longcase clock, by
Thomas Williams ............................. 278
COMTOISE – Iron Man and Survivor of the clock world, talk by David Homes ........................................... 278
Gothic clocks from Europe circa 1400
to 1700, talk by John Robey ........... 278
meeting reports by Steven Tyser ..
.................................................. 278-9, 571-2

9 April 2016 Clockwise Around
Pembrokeshire, talk by Mike Bennett
................................................... 278
Section reformed 14 May 2016 ........ 278
Summer outing 1 June 2016 A guided
tour round Fabergé’s workshops, talk
by John Morehouse ......................... 420
meeting on 8 October 2016 .......... 571
Walker & Son of Glasgow, chronometer maker ........................................... 335
Walker, James Thomas of London: .... 491
wall clock by William Dutton of London 457
Walsh, Colin, Don’t Be So Engineer
Extraordinary. lecture .................... 127
Walshaw, Robert of Liverpool, chronometer maker ........................................... 336
Warden, John of Liverpool, chronometer maker ........................................... 336

Watches
Actua Co. Genève .......................... 110
anonymous Swiss ‘Red Rose’ ............ 163
Borrell, Turkish ............................. 225
Bryer & Sons, London, No. 52543 ... 106
Carter, Charles of Rochford, Keyless 155
CT images of Norman watch ........... 524-6
Daniel, II. of Liverpool, No. 1816 ... 270
engraved watch ......................... 109
Gout, Ralph ................................. 226-7
Henlein watch ‘so called’ ................. 200
Melanchthon in Baltimore .............. 203
pedometer No. 51 ......................... 233
Piguet & Capt, Geneva, with musical fan
............................................. 17
Poole, James & Co, London, No. 5972
.................................................. 452
Sinclair ‘Black’ kit ......................... 268
Tompion, Thomas, London, quarter
repeating verge ......................... 317-471
watch case, protective ................... 205
watch, mail guard’s by Wregg, London, No.
2004 ........................................ 302
watch Register ............................... 181
watch-paper of
Bowen, John & Downes, Robert 486
Comber, Richard, bankrupt ............. 480
watch stands ............................... 129
watches recovered from Titanic, property of
Robert Douglas Norman ............... 522
steward Sedunary .......................... 527
Carl Oscar Vilhelm Gustafsson Asplund
........................................ 527
Edmund Stone ............................ 526
Lady Stamford ............................ 560
Malcolm Johnson ........................ 527
watches recovered, continued

property of Edmund Hillary ........ 510
Watt, James, Steam engine patents ........ 95
Watts, Thomas of Lavenham, lantern clock
........................................ 18
Webster, Malcolm, Senior Warden of the
Clockmakers Company .................. 508
Wells, Nugent of Newport, Monmouthshire,
trade label .................................. 339
West Dean College course ............... 34
Wheeler, Maurice, inclined plane clock 365
Whiston and Ditton, method of discovering
Longitude .................................... 74
White, Ian
AHS Southern Section reports 277,570
report on Study Tour 2016 ............. 559-564
Whitehurst, John of Derby, longcase clock
............................................... 154
Whitestone, Sebastian, Galileo, Huygens
and the invention of the pendulum clock,
lecture ........................................ 265
Whyte, James of Glasgow, chronometer
maker ........................................... 335
Williams, C. & E. of Newport, chronometer
maker ........................................... 335
Williams, Thomas of Haverford West,
longcase clock with tidal dial .......... 278
Williamson of Leeds, bracket clock .... 165
Wilson, Thomas, watch and clockmaker,
Manchester ................................... 491
Wing, Don, Obituary ....................... 34
Winterthur Museum 2016 Ward Francillon
Time Symposium ........................... 34
Wise, John of London, longcase clock ... 28
Wisthof, Johannes of Dresden Inclined
plane clock .................................... 365
Witman, see Dilger ......................... 485
Wolmuth William M., Clockmaking in
England and Wales in the Twentieth
Century talk .................................. 419
Wolmuth, William M. and Glanville, John
Clockmaking in England and Wales in the Twentieth Century. The
Industrialized Manufacture of Domestic
Mechanical clocks. Review ............. 116
Wood, Robert, bracket clock ............ 158
Wood-Heath, David
AHS South Eastern Section report .. 131
Engine turning & horology: history,
machines, techniques lecture ........ 264
Wooll, Lewis of Liverpool, chronometer
maker .......................................... 336
Wrapson, James, bankrupt ............. 478
Wregg, mail guard’s watch No. 2004 .... 302
Wright, John of Mansfield, lantern clock
............................................... 18, 164, 312, 462
Wright, Michael,
Antikythera Mechanism, lecture .... 566
Wright, Michael T. at al.,
Ung petit traitic pour faire horoleiges:
A little treatise for making clocks in the
fourteenth century, article .......... 182
Wright, Richard of St Andrew’s Parish,
Holborn, bankrupt ..................... 487
Wright, Thomas ......................... 98
wrist watch by
Bulova Accutron, innovative .......... 407
Casio Pro Trek ............................ 413
Citizen Cal 7400, radio-controlled ... 412
Citizen Satellite Wave F100 with Eco-
Drive ........................................ 413
Essen quartz ring crystal ............... 240
Girard-Perregaux, case and back ... 410
Hamilton 500A ............................ 406
Harley, quartz movement ............. 239
Invicta Electronic Swissonic ........... 408
Junghans, radio controlled light powered
.................................................. 412
LCD liquid crystal display module ... 411
Longines, Ultra-Quartz ................... 238
Omega, Cal 1511 Marine chronometer
................................................ 410
Omega, Constellation ................. 409
wristlet watch ......................... 417
Wynne at Alresford, letter by David Evans
................................................ 134

Z
Zepfel, Ganter & Co of Huddersfield and
Oldham, German clock makers .......... 487
Zinc smelting ............................. 92
Zumthor, Paul Professor of Romance &
Philology, Amsterdam .................. 182
INDEX
VOLUME XXXVIII
March 2017 to December 2017
<table>
<thead>
<tr>
<th>Volume</th>
<th>Month</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>March 2017</td>
<td>1-148</td>
</tr>
<tr>
<td>Two</td>
<td>June 2017</td>
<td>149-296</td>
</tr>
<tr>
<td>Three</td>
<td>September 2017</td>
<td>297-444</td>
</tr>
<tr>
<td>Four</td>
<td>December 2017</td>
<td>445-592</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>593-614</td>
</tr>
</tbody>
</table>
The origin of the English lantern clock Part 2: The earliest lantern clocks

A royal acquisition for the Victoria and Albert Museum ....... by Tessa Murdoch 51

The inertia escapement—William Hamilton Shortt’s first step towards the free pendulum ............ by Tabea Rude 61

The National 15. The decline of British watchmaking and the role of Smiths in a hoped for recovery ....... by David Read 74

A comparison of early marine timekeepers, from Harrison to Earnshaw ........................ by A.D. Stewart 90

The Crystal Palace clock by James Nye 101

Early English horological terms .............. by John A. Robey & William Linnard 191

Courtenay Adrian Ilbert, Horological Collector Part Two: Acquisition, 1930–1939

................................. by Paul Buck 202

Two Poor Law clocks by Chris McKay 221

The story behind PATENT SURETY ROLLER stamped on carriage clocks ................ by Thomas R. Wotruba 238


Early clocks in English woodcuts ................. by William Linnard 255

The electro-magnetic verge ........................ by Chris McKay 260

An interesting case by Guy Boney Q.C. 264

Mechanical clocks and the advent of scientific astronomy ... by Dietrich Matthes & Rocío Sánchez-Barrios .................. 328


Galileo, Huygens and the invention of the pendulum clock ................................. by Sebastian Whitestone 365

Martin Burgess, sculptural clockmaker .................................. by Jonathan Betts 385

The horological legacy of Stanley John Wise .......................... by Geoffrey A. Horner 394


The horological trade in Georgian London: evidence from Old Bailey trials .......................... by D. J. Bryden 491

Edmund Howard (1710–1798): A Quaker Clockmaker in Chelsea .. by James Nye 513

Adam, the Devil and the Supernatural: An unusual English lantern clock revisited .......................... by John A. Robey 533

Carriage clocks with a unique winding system: the bottom-wind .......................... by Thomas R. Wotruba 545
## INDEX TO VOLUME THIRTY-EIGHT

Compiled by Edward Powell

Page numbers in **bold** denote an illustration

### A

Abbott, Francis  
watch and clock maker in Chelsea, Derby & Manchester ................................. 502  
adverted ........................................ 503

Acme Immisch Electric Works Company : 243

*Adam and Eve*  
automaton in a longcase clock ............... 538  
carving on an oak chest ..................... 535  
in Paradise Woodcut ........................... 535  
depicted in Stained glass window in Canterbury Cathedral .......................... 537  
painted on an oak chest ..................... 536  
statue on the portal of St Laurence Cathedral, Trogir ............................... 535

*Adam, the Devil* article by John Robey .... 533

Addis, William of London, watchmaker .... 500  
advertisement for  
Pilkington-Gibbs Helio-Chronometer .. 424  
Wise Time Company .......................... 395

Annual General meeting 2017  
*A life in the Day of Josiah Emery* ...... 116  
Chairman’s address ........................... 409  
Election of Members to Council .......... 566  
Minutes of the Sixty-third AGM .......... 411  
President Dr. Patricia Fara presenting Percy Dawson Medal to Dr. David Bryden and the Dr. Alan Shenton Award to Dr. Gloria Clifton ........................................ 412  
AHS Prize to Simon Colston .............. 421  
2018 Annual General meeting Keele University ........................................... 421  
AHS awards to BCU School of Jewellery students ........................................... 421  
AHS Dutch Section meeting report by Paul Kersten ........................................ 277, 576

**AHS East Anglian Section**  
15 July 2017, lecture: *Restoration of a Leroy observatory clock* by Françoise Collanges ..................................... 268  
19 August 2017, Turret clock tour ...... 268  
16 September 2017, lecture, *The Speaking Clock in the history of Public Relations* by David Rooney ........................................ 406  
18 November 2017 bring and discuss .. 406  
20 January 2018, AGM and lecture: *The Dublin Turret Clock* tour by Ian Coote 563

**AHS East Anglian Section continued**  
596

17 March 2018, lecture, *Pace Skeleton Clocks*  
by Will Barnard .............................. 563  
29 July 2017, Trip to Coventry Clock and Watch Museum ........................................ 268  
meeting reports by  
John Glasy & Richard Curtis ........... 126-7, 425  
Ian Coote .................................. 574  
John Glasy ................................. 275

**AHS Electrical Horology Group**  
11 November, 2017 lecture: *Following the Stars: pendulum controlled telescope drives and the transition to electromagnetic systems*, by Dr. Peter Thomas ........................................ 407  
10 March 2018, Visit: Bletchley Park Bombe restoration project ................. 563  
meeting reports by James Nye ............ 128, 278, 427, 576

AHS head office  
returning to London .......................... 566  
two views of the future new AHS head office in  
4 Lovat Lane, London, EC3 .................. 567

**AHS London lectures by**  
The Antikythera Mechanism and Mechanical Universes by Professor Mike Edmund  
September 2017 ........................... 268, 406  
Berlin or Birmingham: Finding a Market for the Black Forest Clock by Richard Constable,  
16 November 2017 ....................... 406  
How to Make an Atomic Clock by Helen Margolis, 18 January 2018 ........... 561  
The lines, which are so very fine; John Harrison, William Hogarth and the trouble with drawing a line of Longitude by Katy Barrett, 15  
March 2018 ............................... 562

AHS 2017 London lecture series .......... 268

**AHS Midlands Section**  
23–25 June: 2017, Summer tour ........... 268  
2 September 2017, Birmingham visits .... 268  
25 November 2017, AGM .................... 406  
7 February 2018 lecture: *Restoration of a Pyke Organ Clock* by John Harrold .... 563

**AHS Midlands Section continued**
7 March 2018, lecture: Making a Daniels-style tourbillon Watch by David Cottrell ……………………………………………………….. 563
meeting report by Jim Richardson ……… 574
meeting reports by Robin Hutchinson …………………………………………..125-6, 273, 424, 573
4 October 2017, lecture, The History of the Standard Frequency and Time services broadcast from Midlands Section Rugby Radio Station by Malcolm Hancock ……….. 406
1 November 2017, lecture, Lantern clocks by John Robey ………………….. 406
AHS News …………………. 121, 271, 409, 566
AHS Northern Section
11 August 2017, club night: Railway timekeeping ………………………….. 268
8 September 2017, lecture: Thomas Cooke: forever on the cusp between greatness and bankruptcy by Darlah Thomas ……… 268
26th October 2017, Visit: Two Cheshire collections ………………………………… 406
13 October 2017, club night, Horological inscriptions …………………. 406
12 January 2018, AGM and Short video presentations ………………………….. 563
9 February 2018, club night: Work in progress ……………………………… 563
9 March 2018, lecture, The Evolution of the Waterproof Watch, 1851 to 1935 by David Boettcher ……………………………………………………… 563
meeting reports by Darlah Thomas …. 123-124, 272, 423, 571-573
AHS Programme Summer 2017 …………………. 268
AHS South Eastern Section
3 February 2018 bring and discuss ……….. 563
meeting reports by Barnaby Smith ……………………………………….. 127, 275, 426, 575
AGM and talk, Some Maidstone Clock & watchmakers, by Barnaby Smith 269, 406
AHS Southern Section
2 September 2017, lecture, Gothic Clocks by John Robey, and bring and buy … 269
14 October 2017, AGM and Speaker … 407
2 December 2017, Christmas social and ‘bring and discuss’ ………………….. 407
17 February 2018, lecture, Turret clocks and their conservation by Derek Frampton ……………………………………………………… 563
meeting report by Ian White ………….. 574
meeting reports by John Pither … 275, 426
AHS Turret Clock Group
2–6 July 2017, Summer tour to Dublin 269
6–7 October 2017, Autumn tour in Cumbria …………………………………. 269, 407
AHS Turret Clock Group continued

meeting report by Geoff Sykes ………. ……………………………………………… 279, 428, 576-7
AHS Wristwatch Group
28 June 2017 An Evening with the Smiths Military Mk10, by Owen Gilchrist ……… 269
meeting reports by Johan ten Hoeve … 429
meeting report by James Harris ………….. 281
alarm clock
Robert Houdin's self-lighting …………… 168
alarm watches ………………………………… 251
All British Escapement Company’s (ABEC) 76
Allen, George, watch-finisher ………………. 510
Almanus-Manuscript ……………………… 332
Álvarez, Víctor Pérez, Doctorate award ………………………………… 33
Who was Napoleão?, letter ……………. 285
Amman, Jost ‘The Clockmaker’ woodcut … 44
Anderson, William, watch-finisher ……… 501
Anns, John of Staines watchmaker ……… 495
Anthony, William of London, watchmaker 497
Antikythera mechanism, lecture by Professor Mike Edmunds ………………… 406
apotropaic marks in the form of a saltire ………..…….. 538
carved symbols ……………………….. 539
Archer, Henry of London, watchmaker … 179
Ariel of London, watch-movement-maker 506
Arnold, John of London ………………… 90, 95
Astronomer Royal
Nevil Maskelyne ………………………… 94
for Scotland, Ralph Sampson …………. 72
astronomers
Brahe, Tycho …………………………….. 341
Heinfogel, Conrad ……………………… 331
Lautenwalt, Mathias of Wittenberg ……… 333
Müller, Johannes …………………… 328
Taqī al-Dīn al-Rasid of Istanbul ………….. 337
Walther, Bernhard …………………. 329
astronomical clocks
Jarvis, Roland of Hastings ………………. 27
Leicester University ……………………… 435
Atkins, Samuel of Bridgewater Square, watch-case maker …………………….. 500
Atkins & Son, late of Brockbanks ……… 506
Atkins, Samuel Elliott, watch maker …………. 506
Atomic Clock, How to make, lecture by Helen Margolis …………………. 561
automata
singing bird bracelet by Rochet Freres or Charles-Abraham Bruguiere, Geneva ………... 307
watch by Jaquet-Droz Geneva …………. 163
in a longcase clock ………………….……. 538
Aylward, John of Guildford, lantern clock ………………………………………. 14,162

597
<table>
<thead>
<tr>
<th>Page</th>
<th>Name</th>
<th>Role</th>
<th>Location</th>
<th>Further Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>497</td>
<td>Baggs, Samuel of London, watchmaker</td>
<td>Watchmaker</td>
<td>London</td>
<td></td>
</tr>
<tr>
<td>403</td>
<td>Baldewein, Eberhard, clockmaker</td>
<td>Clockmaker</td>
<td></td>
<td></td>
</tr>
<tr>
<td>334</td>
<td>Ball, Hubbard and Parsons patent</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>72</td>
<td>Ball, Robert, clock-case maker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>501</td>
<td>Barber, Benjamin of London, bracket clock</td>
<td>Clockmaker</td>
<td>London</td>
<td></td>
</tr>
<tr>
<td>166</td>
<td>Barker, David, <em>Clocks of the Vales and Dales</em>, exhibition report</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>475</td>
<td>Barker, Dayle, watchmaker</td>
<td>Watchmaker</td>
<td></td>
<td></td>
</tr>
<tr>
<td>497</td>
<td>Barker, James, journeyman</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>497</td>
<td>Barlow, William of King’s Lynn, Norfolk, lantern clock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>563</td>
<td>Barnard, Will, <em>Pace Skeleton Clocks</em>, lecture</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>510</td>
<td>Barnes, James George, apprentice to James Clark</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>312</td>
<td>Barr, Wendy from the Secretary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>566</td>
<td>Barrauds &amp; Lundof London, watch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>319</td>
<td>Barrett, Katy, <em>The lines, which are so very fine: John Harrison, William Hogarth and the trouble with drawing a line of Longitude</em>, lecture</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>562</td>
<td>Barrow, John, senior assayer to the Goldsmith’s Company</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>71</td>
<td>Bateman, Doug, <em>Bulletin of the British Sundial Society</em>, further reading</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>435, 583</td>
<td>British Sundial Society conference report</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>174</td>
<td>The Greenwich time ball, lecture</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>269, 407</td>
<td>Bauerle, Mathias, German clockmaker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>68</td>
<td>Baume watch engraved ‘F. Abbott / Hobart’</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>503</td>
<td>Bayley, Edward Branstone, free of the Clockmakers’ Company</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>526</td>
<td>Beaufort, Duke of, Chelsea house</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>517-8</td>
<td>Bell, James, apprentice to Edward East</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>489</td>
<td>Bell, John of London, clockmaker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>497</td>
<td>Bellingham, Daniel of Dublin, watchmaker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>362</td>
<td>Bellinger, Richard, apprentice to Edward East</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>485, 490</td>
<td>Bellune, Peter of London, case maker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>322</td>
<td>Belmont House, Lord Harris’s collection</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>378</td>
<td>Benjamin Martin’s ‘exact’ copy of Huygens’s 1657 engraving</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>248</td>
<td>Berrollas, Joseph Anthony of London, watchmaker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>252</td>
<td>Berrollas, Joseph continued keyless winding watch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>433</td>
<td>letter by Martyn Jones</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>251</td>
<td>patented quarter repeating mechanism</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>249</td>
<td>repeater mechanism</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>251</td>
<td>warning-watch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>Bertrand, Paul of Bath, toymaker</td>
<td>Toymaker</td>
<td></td>
<td></td>
</tr>
<tr>
<td>450</td>
<td>Best, Thomas of London, bracket clock, musical</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>385</td>
<td>Betts, Jonathan, <em>Last remarks, reply, letter</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Betts, Jonathan &amp; Smith, Roger, <em>The Valliamy Clockmakers: Two Clocks in the Antiques Collection</em>, lecture</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Betts, Jonathan and Nye, James, obituary for Michael Hurst (1924–2017)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>104</td>
<td>Big Ben clock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>104</td>
<td>Bile Beans electric timepiece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>113</td>
<td>Billion, James, apprentice to Stephen Rimbault</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>284</td>
<td>Bird, Derek J., <em>The inertia escapement</em>, letter</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>402</td>
<td>Birmingham map 18th century</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>582</td>
<td>Black marble clocks, letter by Bill Wolmuth</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>176</td>
<td>Blacksmiths’ Company, London</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>142</td>
<td>Blanchard, Charles of London, bracket clock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>Board of Longitude</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>563</td>
<td>Boettcher, David, <em>The Evolution of the Waterproof Watch, 1851 to 1935</em>, lecture</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>567</td>
<td>Boit, Charles, artist</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>57</td>
<td>Boney, Guy Q.C., <em>An interesting case</em>, article</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>431</td>
<td>Author’s response, letter</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>322</td>
<td>Bonhams, exhibition of Lord Harris’s collection</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>560</td>
<td>book reviewed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>177</td>
<td>Bosset, Victorien, carriage clock No.618 grande-sonnerie</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>Bouquet, David, Clockmakers’ Company</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>49, 348</td>
<td>Bowyer, William, clockmaker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>bracket clock by anonymous, German</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
anonymous, grand sonnerie, German ...... 6
Best, Thomas of London, musical ...... 450
Blanchard, Charles ................. 142, 450
De Charmes, Simon of London ........ 309
Dutens, Peter of London ............. 52
Dutton, William of London ........... 301
Dwerrihouse, Berkley Square, London 304
Eureka four glass electric ............. 462
Graham, George of London No.643 .... 469
Grant of London No.269 ............. 6
Janvier, Antide of Paris ............. 463
Jones, Henry of London ............. 459
Knibb Joseph of London ............. 25
LeRoy, Julien of Paris .............. 4-5
Quare, Daniel of London ............ 22
Rich, William of London ............ 25
Skeggs, William of London .......... 6
Tompion, Thomas of London No.420 ............... 449
No.42 'The Vitale' ............. 444
Tregent, James of London No.207 .... 324
Vulliamy, Benjamin of London No.272 466
Windmills, Joseph of London ....... 465
Bradford, John, watchmaker ........ 499
Brahe, Tycho, astronomer .......... 341
brass founder, William Ware ........ 494
Brasset, John, watchmaker .......... 495
Breguet, A. L., montre à tact ........ 207
Breguet Neveu & Cie., marine chronometer No.5092 .......................... 7
British Sundial Society conference report by Doug Bateman ................... 174
Broad, William, watchmaker ........ 500
Brockbank, chronometer No.462 ...... 506
Brockbanks of London, watch ......... 319
Brown, Angus, Horological Journal, further reading .................. 436, 585
Brown, William, watch-gilder ......... 500
Broxbourne sculptural clock .......... 386
Burroughs, Josiah, watch-finisher .... 510
C
Calendar for 2017 ..................... 270, 408
Calendar for 2018 ..................... 565
Camerer, Cuss Terence, The making of watches, letter .................. 131-3
Campiani, Giuseppe, clockmaker ...... 375
Campbell, Alexander, watchmaker .... 511
Canterbury Cathedral, stained glass window depicting Adam ........... 537
carillon clocks by
Habrecht, Isaac of Strasbourg ....... 316
Vallin, Nicholas of London .......... 40
carriage clocks by
anonymous ......................... 170
Brown, William, watch-gilder ......... 500
Broxbourne sculptural clock .......... 386
Bull, Edmund, apprentice to Edward East .................. 364, 489
Bull, Emanuel, watchmaker in Worcester 350
Bull, John, clockmaker to the Queen ... 348
Bull, Randolph, watchmaker and goldsmith .................. 176, 348
Burroughs, Joseph of Lyme Regis, lantern clock .................. 162
Burgess, Martin sculptural clockmaker ........ 386
Hares and Tortoises clock ........... 297
photo .................................. 385
regulator Clock A .................... 389
regulator Clock B .................... 385, 389
Bürgi, Jost ................................ 334
Burroughs, Edward of Fordham, lantern clock ............ 14, 162, 310, 460
Burroughs, Josiah, watch-finisher .... 510
Camerer, Cuss Terence, The making of watches, letter .................. 131-3
Campiani, Giuseppe, clockmaker ...... 375
Campbell, Alexander, watchmaker .... 511
Canterbury Cathedral, stained glass window depicting Adam ........... 537
carillon clocks by
Habrecht, Isaac of Strasbourg ....... 316
Vallin, Nicholas of London .......... 40
carriage clocks by
Habrecht, Isaac of Strasbourg ....... 316
Hares and Tortoises clock ........... 297
photo .................................. 385
regulator Clock A .................... 389
regulator Clock B .................... 385, 389
Bürgi, Jost ................................ 334
Burroughs, Joseph of Lyme Regis, lantern clock .................. 162
Burgess, Martin sculptural clockmaker ........ 386
Hares and Tortoises clock ........... 297
photo .................................. 385
regulator Clock A .................... 389
regulator Clock B .................... 385, 389
Bürgi, Jost ................................ 334
Burroughs, Edward of Fordham, lantern clock ............ 14, 162, 310, 460
Burroughs, Josiah, watch-finisher .... 510
Camerer, Cuss Terence, The making of watches, letter .................. 131-3
Campiani, Giuseppe, clockmaker ...... 375
Campbell, Alexander, watchmaker .... 511
Canterbury Cathedral, stained glass window depicting Adam ........... 537
carillon clocks by
Habrecht, Isaac of Strasbourg ....... 316
Vallin, Nicholas of London .......... 40
carriage clocks by
anonymous ......................... 170
Brown, Thomas ....................... 317
Côtié, Charles, Paris, two month duration .................. 299
Frosham, Charles of London No.1532 452
Grohé, James of London No.2449 .... 592
Hamilton Crighton & Co. Paris ........ 468
Le Roy & Fils No.9929 ............... 546-7, 549
Parkinson and Frosham, 4. Change Alley, London, No.1210 ........... 239, 242
Leroy, L. & Cie Paris, grande-sonnerie 10
Sinclair Harding ....................... 164
carriage clocks, bottom-wound ............. 545, 548
carriage clock makers
Bedford, H.W. .......................... 246
carriage clock makers continued
Bigelow Kennard & Co. .............. 247
Brockbank, Atkins & Moore .......... 246
Collingwood & Co. ................... 245
Délétrez, Charles ....................... 246
carriage watch with silver astrolabe ........................................... 334
Carrington, Richard, watchmaker .................................................. 506
cathedral of León, Spain .......................................................... 329
Cattle, John, Blacksmiths' Company &
Clockmakers’ Company ......................................................... 176
Cawcott, Benjamin apprentice to Edward East .............................. 353, 489
centrifugal clock by Lord Kelvin .................................................. 61
Chancellor, John, watchmaker ..................................................... 499
Chayter, Eliezer, watchmaker ....................................................... 507
Chelsea Old Church .................................................................. 513
  bomb damaged ................................................................. 514
  clock .............................................................................. 528
  vestry minutes ................................................................. 524-5
Chelsea Clock House, engraving ................................................. 522-3
Cherry, Joseph, watchmaker ......................................................... 504
Childé, Richard, Clockmakers’ Company ................................ 181
chronometer carriage clock by Dent of London ......................... 305
chronometer carriage timepiece by E. White of London ............ 59
chronometer, pocket by Dent No.6099 ......................................... 320
churches recorded with turret clocks
  Bath, St. Michael ................................................................. 191
  Battle, St. Mary ................................................................. 191
  Bristol, Christ Church and others ........................................... 191
  Charing, St. Peter & St. Paul ............................................... 191
  Chester, St. Peter .............................................................. 191
  Crosscombe, St. Mary ........................................................ 191
  Exeter, cathedral ............................................................... 191
  Gloucester, St. Michael ........................................................ 191
  Great Budworth, St. Mary .................................................... 192
  Hambleton, St. Andrew ....................................................... 192
  Horncastle, St. Andrew ........................................................ 192
  Horsham, St. Mary ............................................................. 192
  Kingston-upon-Thames, All Saints ......................................... 192
  Leicester, St. Martin ............................................................ 192
churches recorded with turret clocks cont’d
  London, Allhallows, Staining ............................................... 192
  London, Salisbury House ..................................................... 192
  London, St. Andrew Hubbard, Billingsgate ......................... 192
  Ludlow, St. Laurence ......................................................... 192
Lyddington, St. Andrew .......................................................... 192
Macclesfield, St. Michael ......................................................... 192
Metfield, St. John the Baptist .................................................... 192
Middlewich, St. Michael .......................................................... 192
Morcott, St. Mary the Virgin ................................................... 192
Oxford, colleges and many churches ........................................ 192
Peterborough, cathedral .......................................................... 192
Rye, St. Mary the Virgin ......................................................... 192
Salisbury, St. Edmund, St. Thomas ........................................... 192
St. Albans Abbey .................................................................. 192
Stirling, Holy Rude ................................................................ 192
Stockport, St. Mary ............................................................... 192
Swansea, St. Mary ................................................................. 192
Sydling, St. Nicholas ............................................................... 192
Tenby, St. Mary the Virgin ...................................................... 192
Ticehurst, St. Mary the Virgin ................................................... 192
Tintinhull, St. Margaret .......................................................... 192
Wimborne Minster, St. Cuthburga ............................................ 192
City, William, Goldsmiths’ Company ...................................... 510
Clark, Charles, watch-case maker ............................................. 493
Clark, James, watch-case maker ............................................... 497
Clark, John, watch-case maker ................................................ 504
Clark, Joseph, clock-case maker ................................................. 526
Clay, Charles of London
  clockmaker ...................................................................... 51
  clock case detail .............................................................. 59
  enamelled dial and movement ............................................. 1, 53-54
  longcase clock, month going ............................................. 315
Clay and Pyke
  letter by Paul Tuck .............................................................. 282
  letter by Tessa Murdoch ........................................................ 282
Clay and Pyke see also Pyke
Clement, William, longcase clock, month-going ......................... 464
Clifton, Dr. Gloria, Dr. Alan Shenton Award
  winner ........................................................................... 412
clock-case makers
  Ball, Robert ..................................................................... 501
  Clark, Joseph .................................................................. 526
clockmakers
  Bartram, Clement Osborne ................................................... 71
  Bauerle, Mathias of Germany ............................................... 68
  Bell, John ....................................................................... 497
  Bowyer, William ................................................................ 49
  Clay, Charles of London ..................................................... 51
  Closon, Peter .................................................................... 49
  Crayle, William .................................................................. 481
  Desfontaines, Casimir .......................................................... 549
  Desfontaines, Georges .......................................................... 549
clockmakers continued
  Desfontaines, Jules ............................................................... 549
  Ganthony, Richard .............................................................. 497
  Gay, Emile ..................................................................... 243
  Harvey, John ..................................................................... 49
  Howard, Edmund .............................................................. 513
  Howard, John .................................................................. 517
Le Roy, Basile Charles .......................... 549
Le Roy, Charles Louis .......................... 549
Le Roy, Julien ................................. 549
Medcalf, Peter .................................... 49
Newsam, Bartholomew ......................... 343
Oursian, Nicholas .............................. 56
Pennock, John ................................. 50
Porthouse, Thomas ........................... 496
Rimbault, Stephen .............................. 497
Risy, Anthony .................................... 350
Stansbury, James ................................. 506
Stevens, Henry .................................. 49
Taylor, Thomas ................................. 485
Thuret, Isaac, Paris ............................. 378
Tobias, Wenzel, Prague ......................... 334
Vick, Richard .................................... 60

Clockmakers’ Company,
Fair Court Minute Book ......................... 184
first Clerk, Thomas Copley ...................... 179
founding covenant ............................. 178
Royal Charter ................................... 180

Closon, Peter of London
clockmaker ........................................... 49
lantern clock maker ............................. 541

Cloutman, Dr. Edward, *Some interesting clocks that have passed through the workshop*, lecture ........................................... 407

Clutton, Sam ..................................... 208
Cole, Thomas, strut clock ......................... 302
Collanges, Françoise, *Restoration of a Leroy observatory clock*, lecture ........................................... 268
Colley & Priest, Fleet Street, London, bracket clock .......................................................... 150, 296

Collins & Co., silver refiners ....................... 500
Collins, watchmaker ............................. 502
Colston, Simon AHS Prize winner ................. 421
Columbus, Christopher .......................... 328
collection of time-keepers at the Royal Observatory, Greenwich ................................. 91
compound pendulum clock ........................... 387
compound-balance watch .......................... 507


Cook, Lewis, goldsmith ............................ 353
Cooke, Thomas of York, turret clock maker, lecture by Darlah Thomas ......................... 268
Cooley, Benjamin of Leeds, watchmaker ........ 505
Coote, Ian
AHS East Anglian Section meeting report ........................................... 574
*The Dublin Turret Clock tour*, lecture 563

Copley, Thomas, Clockmakers’ Company’s first Clerk ........................................... 179
Cosbey, Robert of London, lantern clock ........................................... 14, 162, 310, 460

Coster, Salomon
clock dated 1657 ................................... 382
dial lambrequin .................................... 382

Cottrell, David, *Making a Daniels-style tourbillon Watch*, lecture ........................................... 563
Coüet, Charles, Paris, two month duration carriage clock ........................................... 299

Coutts, Baroness Burdett prize ...................... 243
Coward, John, watchmaker .......................... 498
Craye, Richard, Clockmakers’ Company .......... 177
Craye, William, clockmaker ........................ 481
Creed, Robert of London, watchmaker .......... 503
Crowther, William, watchmaker ...................... 497
Cuper, Josias, Clockmakers’ Company .......... 177
Curtis, Richard, East Anglian Section meeting reports ........................................... 425

D
Dalton, Charles, journeyman ........................... 508
Dalton, James, watchmaker .......................... 497
Darnell, Poul see also Jensen, Kurt
Darwood, watchmaker .................................. 505
Davidson, Hugh & Essex, Hector, watch retailers ........................................... 507
De Charmes, Simon of London, bracket clock ........................................... 309

de Clercq, Peter
book reviews
Chris Mckay, *Bailey’s Illustrated & Useful Inventions* ........................................... 560

further reading
*Klassik Uhren* ................................... 141, 291
*La Voce di Hora* ................................... 140, 290
*TIJDschrift* ................................... 141, 291, 586

de Save, S. B., 2017 AGM lectures report .......... 412-420
London lectures reports 121, 271, 569-571
De La Balle, Francis, watchmaker .......................... 495
de Welke, Christian
spring-clock maker .................................. 179
Clockmakers’ Company .................................. 177
Deacon, Henry, watch-case maker ...................... 500

Deck watch by Strömgren & Olsen, letter by
Jensen, Kurt & Darnell, Poul ......................... 133-5
Delépine, E. marine chronometer No.1724 20

Denison, Edmund .................................. 101
Dennis, John of Maidstone, turret clock maker ........................................ 460
Dent, Edward John of London ................................................................. 101
chronometer carriage clock ............................................................... 305
letter from .............................................................................................. 532
\textit{glass springs see} London lecture ................................................ 268
Dent’s works, AHS visit .......................................................................... 515
Desbois and Wheeler, watchpaper ......................................................... 511
Desborough, Jane, doctorate award ........................................................ 33
Desfontaines, Casimir, clock maker ......................................................... 549
Desfontaines, Georges, clock maker ......................................................... 549
Desfontaines, Jules, clock maker ............................................................... 549
dial on the cathedral of León ................................................................. 329
dial, enamelled by Charles Clay ............................................................ 1, 53-54
Doctorate awards
Álvarez, Víctor Pérez, *Technique, time and ornament. The public clock in Castile in the 14th-16th centuries*, University of Valladolid ................................................................. 33
Desborough, Jane, *The Changing Face of Time: the Making of the Modern Clock & Watch Dial 1550-1770*, University of Leeds ............................................................................. 33
Struthers, Rebecca, *Unravelling the myth of the Dutch Forgery; the production, trade and dissemination of grey market watches in Europe, 1750-1820*, Birmingham City University ................................................................. 33
Dodd, William of London, watchmaker ................................................... 501
Dover Castle clock by Robert Ludlam of London ......................................... 195
Downinge, Humphrey, Clockmakers’ Company ........................................... 181
Drake, John, Clockmakers’ Company ..................................................... 181
Du Pree, Elias, Dutch maker ................................................................. 354
Dürer, Star-chart of the northern sky ................................................. 331
Dutens, Peter of London ........................................................................... 52
family ...................................................................................................... 58
bill ........................................................................................................ 55
Dutton, William of London, bracket clock ................................................. 301
Dutton, William, see Mudge, Thomas
Dwerrihouse and Carter, watchpaper ..................................................... 512
Dwerrihouse of London, bracket clock .................................................... 304

\textbf{E}

Earnshaw, Thomas ................................................................. 90, 97
chronometer, silver-cased ................................................................. 206
East family tree .................................................................................... 344
East, Edward, apprenticeship entry ...................................................... 345

East, Edward, apprentices ......................................................... 489-490
miniature, reputed likeness of ....................................................... 362
watch in a rock crystal case .............................................................. 352
East, James ......................................................................................... 482
East, Jeremy, apprentice to Edward East .............................................. 489
East, John, apprentice to Edward East ................................................ 490
East, John Royal Mint under-engraver ................................................. 355
East, Martha ....................................................................................... 343
Ebsworth, John of London, lantern clock maker ...................................... 541
Eden, Ralph of Liverpool, watchmaker ................................................. 505
Edmunds, Mike, *The Antikythera Mechanism and Mechanical Universes*, lecture ....................................................... 267, 406
Edwards, Joseph, apprentice to John Monkhouse .................................... 494
electric balance wheel clock and details ........................................... 398-9
electric bracket clock by Eureka .......................................................... 462
electric clock blueprints and details by Wise Time Company .................. 400-401
electric timepiece, Bile Beans ....................................................... 104
Elkington collection of watches ......................................................... 204, 211
Emery, Josiah of London, watchmaker .................................................. 33
Emery, Thomas of London, journeyman watchmaker ............................... 497
engravings
Aggas, Ralph 1563 map of London .................................................. 346
Astronomer observing Mercury ....................................................... 332
Clock House, Chelsea ................................................................. 522-3
Martin, Benjamin, copy of Huygens’s 1657 engraving .......................... 378
‘Modern Church Clock’ ................................................................... 445
Paris Observatory facade ............................................................... 379
Stradanus, Joan *Horologia Ferrea* (Iron Clocks) clockmaker’s workshop ........ 45
escapements
ABEC platform escapement ......................................................... 77
anchor, \textit{Recoil escapements} letter by JohnWilding .......................... 434
cross-beat Burgi-type ................................................................. 393
Essex, Hector & Davidson, Hugh of London watch retailers ............... 507
Eureka, electric bracket clock ......................................................... 462
Evans, D.W. of the Royal Observatory, Herstmonceux ....................... 87
exhibitions
Clocks of the Vales and Dales ....................................................... 174
Great Exhibition of 1862, London .................................................. 101
\textit{Time and Cosmos in Greco-Roman Antiquity}, New York University ........ 33

\textbf{F}

Fara, Dr. Patricia see AGM ................................................................. 412
Farcot see horological miscellany ...................................................... 141
Finch, Valerie J., Finch, Adrian A., Finch, Anthony W.
East, Edward (1602–c. 1695)
Part 1 – Early Stuart period and Commonwealth, article …………..…… 343
Part 2 – The Restoration and the latter years of the East business, article ……. 478
Flannery, M., Clocks with wooden wheels, lecture …………………………………… 269, 407
flattening mills ……………………………………. 500
Flinn, Hugh of London watchmaker …………… 497
Foreman, Francis of St Paul’s Gate clockmaker ……………………………………………… 179
forged hallmarking stamps ………………... 507
Frampton, Derek, Turret clocks and their conservation, lecture …………………. 563
free pendulum design of R.J. Rudd of Croydon. ………………………………………… 71
Frodsham, Charles of London ……… 102, 389
   carriage clock No.1532 ………………… 452
   pocket chronometer No.8887 2-day ……. 154
Frodsham, Henry John ……… 507
Frodsham, John ……………………………. 507
Fromanteel, John ………………………….. 384
Fromanteel, longcase clock, Dutch striking ……………………………………………… 323
further reading
   Bulletin of the British Sundial Society by Doug Bateman …………………… 135, 286, 435
   Chronométrophilia …………………. 140, 586
   Clocks magazine by John Robey …………..…… 138, 287, 436
   DGJ Jahresschrift by Peter de Clercq … 291
   Horlogerie Ancienne (AFHAA Revue) by Sebastian Whitestone …………………… 286, 435
   Horological Journal by Angus Brown ……………………………………… 139, 287, 436
   Horological Science Newsletter by Doug Bateman …………………………………… 288
   Klassik Uhren by Peter de Clercq 141, 291
   La Voce di Hora by Peter de Clercq ……………… 140, 290
   TIJDschrift by Peter de Clercq ….. 141, 291
further reading continued
   Watch and Clock Bulletin by Philip Priestley and Kenneth Johnston ……… 136-7, 289, 437

G
Galileo ………………………………………. 365
   first pendulum mechanism model …… 372
   second pendulum mechanism ………… 373
   pendulum’s circle …………………………………… 366
   worksheet ………………………………………. 367-8
Gambier, Nicholas of Paris, watch ……… 217
Ganthony, Richard of London clockmaker 497
Gardner, Malcolm, horological dealer …… 207
Gardner, Robert of London chronometer maker ……………………………………….. 207
Gauhy Old Hall, turret clock ……… 529-30
Gay, Emile of London, clockmaker ………….…… 243
Gay, Lamaille Co. clockmakers of London 244
Gaydon, H & E. of Brentford & Richmond turret clock maker …………………….……………… 230, 237
General Service Trade Pattern specification 76
Gent & Co. ………………………………… 68
Gibband, Thomas, watch-case maker …… 500
Gibbs, Walter, apprentice to Edward East ………………………………………… 354, 490
Gilchrist, Owen, Development of Smiths calibre 1215 watch movement, lecture …..407
Gilpin, George, Maskelyne’s assistant ……… 96
Gilton, John, Blacksmiths’ Company & Clockmakers’ Company …………………… 176
Glasy, John & Curtis, Richard, East Anglian Section meeting reports …………………..………. 126-7
Glasy, John, East Anglian Section meeting reports ……………………………………….. 275, 425
Glasius, Erik, The Pykes in Holborn, letter ……………………………………….. 580-1
Glass Springs: see London lectures
Gloucester Cathedral, clock by Dent ……… 280
Goldsmit, James, watch-wheel-finisher … 501
Goldsmit's Company Members
   Barrow, John ……………………………. 510
   Bull, Randolf …………………………….. 176
   City, William ……………………………. 510
   Cook, Lewis ……………………………… 353
   Harman, John …………………………………… 59
   Loyer, Giles ……………………………. 249
   Sheepman, John ……………………………. 346
Gooch, Thomas, watch-case maker ……… 494
Good, Richard, horologist ………………… 87
Goode, Charles of London, lantern clock 314
Gould, Christopher of London, longcase clock ……………………………………….. 2
Gould, Commander Rupert, author ……… 210
Goupil, Samuel of London, lantern clock ……………………………………… 14, 162, 310
Govett, Matthew, watch-case maker ….. 494, 498
Graham, George of London
   regulator No.3 ……………………………. 92
   bracket clock No.643 ……………………. 469
Grange, Michael (1933–2016) obituary ……… 32
Grant, Fleet St., London. bracket clock No.269
grande sonnerie …………………………… 6, 450
Grant, George of London watchmaker ….. 499
Grant, John of London watchmaker ………… 498
Great Exhibition of 1862 in London ……… 101
Great Finborough turret clock ………… 528
Greaves, Ian, Watch Jewelling, lecture ….. 406

603
<table>
<thead>
<tr>
<th>Name</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green, Thos.</td>
<td>of Liverpool, wheel-cutting engine No.136</td>
</tr>
<tr>
<td>Greenwich Royal Observatory</td>
<td>Tompion clock</td>
</tr>
<tr>
<td>Gregory, Jeremy</td>
<td>Clockmakers’ Company 185</td>
</tr>
<tr>
<td>Griffiths, Harry</td>
<td>apprentice to Samuel Atkins</td>
</tr>
<tr>
<td>Grinkin, Robert senior</td>
<td>Apprentices of Bull, Edmund</td>
</tr>
<tr>
<td></td>
<td>Crayle, Richard</td>
</tr>
<tr>
<td></td>
<td>Grinkin, Robert junior</td>
</tr>
<tr>
<td></td>
<td>Willow, John</td>
</tr>
<tr>
<td>Blacksmiths’ Company</td>
<td>176</td>
</tr>
<tr>
<td>Clockmakers’ Company</td>
<td>181, 176, 347</td>
</tr>
<tr>
<td>Grohé, James</td>
<td>of London, carriage clock No.2449</td>
</tr>
<tr>
<td>Gullven, Thomas</td>
<td>of Horsmonden, lantern clock</td>
</tr>
<tr>
<td>Guy, Peter</td>
<td>of Liverpool, lantern clock</td>
</tr>
<tr>
<td>Habrecht, Isaac</td>
<td>of Strasbourg, carillon clock</td>
</tr>
<tr>
<td>Hallam, Richard</td>
<td>watchmaker</td>
</tr>
<tr>
<td>Hamilton Crighton &amp; Co.</td>
<td>Paris, carriage clock</td>
</tr>
<tr>
<td>Hancock, Malcolm</td>
<td>The History of the Standard Frequency and Time services broadcast from Midlands Section Rugby Radio Station, lecture</td>
</tr>
<tr>
<td>Hancorn, William</td>
<td>of London, apprentice of Thomas Taylor</td>
</tr>
<tr>
<td></td>
<td>watch maker</td>
</tr>
<tr>
<td>Hanslap, Robert</td>
<td>apprentice to Edward East</td>
</tr>
<tr>
<td>Hanwell school, London</td>
<td>turret clock</td>
</tr>
<tr>
<td>Happecher, Philipp</td>
<td>in Vienna, laterndluhr, two month duration</td>
</tr>
<tr>
<td>Hares and Tortoises</td>
<td>clock</td>
</tr>
<tr>
<td>Harman, John</td>
<td>goldsmith</td>
</tr>
<tr>
<td>Harrold, John</td>
<td>Restoration of a Pyke Organ Clock, lecture</td>
</tr>
<tr>
<td>Harvey, John</td>
<td>of London clockmaker</td>
</tr>
<tr>
<td></td>
<td>Clockmakers’ Company</td>
</tr>
<tr>
<td></td>
<td>lantern clocks</td>
</tr>
<tr>
<td>Hatton, Joseph</td>
<td>York, watchmaker</td>
</tr>
<tr>
<td>Hawting of Oxford</td>
<td>tavern clock</td>
</tr>
<tr>
<td>Hayford, William</td>
<td>of London watch-case maker</td>
</tr>
<tr>
<td>Heap, Richard</td>
<td>of London watchmaker</td>
</tr>
<tr>
<td>Heinfogel, Conrad</td>
<td>astronomer</td>
</tr>
<tr>
<td></td>
<td>Star-chart of the northern sky</td>
</tr>
<tr>
<td>Helio-Chronometer by Pilkington-Gibbs</td>
<td>424</td>
</tr>
<tr>
<td>Henlein, Peter</td>
<td>326</td>
</tr>
<tr>
<td>Higgins, Richard</td>
<td>of Charles Grettion, letter</td>
</tr>
<tr>
<td>Higginson, Joseph</td>
<td>watchmaker</td>
</tr>
<tr>
<td>Hill, William</td>
<td>of London watch-gilder</td>
</tr>
<tr>
<td>Hillary, Edmund</td>
<td>82</td>
</tr>
<tr>
<td>Hoare’s Bank</td>
<td>ground-floor plan</td>
</tr>
<tr>
<td>Hobson, John</td>
<td>Blacksmiths’ Company &amp; Clockmakers’ Company</td>
</tr>
<tr>
<td>Hodges, Edward</td>
<td>of Spalding, Lincolnshire, lantern clock</td>
</tr>
<tr>
<td>Holland, Thomas</td>
<td>Clockmakers’ Company</td>
</tr>
<tr>
<td>Hooijkaas, Chris</td>
<td>Special Comtoise Clocks and lantern Clocks. reviewed by William Linnard</td>
</tr>
<tr>
<td>Hope-Jones, Frank</td>
<td>61</td>
</tr>
<tr>
<td>Hornby, Samuel</td>
<td>watchmaker</td>
</tr>
<tr>
<td>Horner, Geoffrey</td>
<td>A, The horological legacy of Stanley John Wise, article</td>
</tr>
<tr>
<td>Horologium Oscillatorium</td>
<td>see Huygens</td>
</tr>
<tr>
<td>Howard, Edmund of Chelsea</td>
<td>clockmaker</td>
</tr>
<tr>
<td></td>
<td>A Quaker Clockmaker in Chelsea, article by James Nye</td>
</tr>
<tr>
<td>Howard, John</td>
<td>of Chelsea, clockmaker</td>
</tr>
<tr>
<td>Hubbard, Parsons and Ball</td>
<td>patent</td>
</tr>
<tr>
<td>Hulbert, William</td>
<td>of Bristol, lantern clock</td>
</tr>
</tbody>
</table>

604
Humphrey Marsh of Highworth, Wiltshire, lantern clock .......... 14, 162, 310, 460
Humphreys, Benjamin, watchmaker .......... 498
Hunsdon, Edward of Chelemsford, lantern clock .......... 14, 162, 310, 460
Hurst, Michael (1924–2017) obituary .......... 30
Hutchinson, William, apprentice to John Brasset .......... 495
Hutchinson, Robin, Midlands Section meeting reports .......... 125-6, 424
Huygens, Christiaan .......... 376
Horologium, 1673 diagram .......... 378, 381

I
ICON
Annual General meeting .......... 34
Jonathan Betts elected to Board of Trustees .......... 34
Ilbert, Adrian Courtney
Christmas card from 1931 .......... 214
photographs .......... 202-3, 220
Immisch, Karl Moritz .......... 243
Immisch, M. & Company .......... 243
Inchbald, Geoffrey .......... 211
inking chronograph by Rieussec .......... 168
Inkpen, John of Horsham, tavern clock .......... 454
iron clocks .......... 35, 340
isochronal cheeks .......... 382
Israel, Joseph of London watchmaker .......... 499
Istanbul observatory .......... 338

J
Jackson, Henry and William, watch-case makers .......... 494
Jackson, William of Loughborough, lantern clock .......... 14, 162, 310, 460
Jaeger LeCoulbre .......... 76
Japanese clock collection of Drummond Robertson .......... 204
Japanese watch industry since 1850, by Pierre-Yves Donzé .......... 111
Jaquet-Droz of Geneva, singing bird watch 163
Jarvis, Roland of Hastings, astronomical clock .......... 27
Jensen, Kurt & Darnell, Poul, Strømgen & Olsen
deck watch, letter .......... 133-5
John, Benjamin, apprentice to Edward East .......... 485, 490
Jones, Martyn, Joseph Anthony Berrollas, letter .......... 433
Jones, Henry of London
clockmaker .......... 486
apprentice to Edward East .......... 490
bracket clock .......... 459
Jones, Martyn, Joseph Anthony Berrollas, letter .......... 433
Jones, Thomas, journeyman .......... 495
journeyman finisher, Thomas Kirkman .......... 504
journeyman watchmakers
Dalton, Charles .......... 508
Emery, Thomas .......... 497
Nevil, John .......... 497
Sexton, William .......... 494
Judex, French watch-making company .......... 82

K
Keat, Edward of Clerkenwell, watchmaker 497
Keene, James of Coventry, watchmaker .......... 504
Kelvin, Lord, centrifugal clock .......... 61
Kersten, Paul, Dutch Section meeting reports .......... 277, 376
keyless winding watch, patent No.5586 .......... 253
King, Andrew, Last remarks, letter .......... 135-6
Kinread, William, An educational section?, letter .......... 129
Kirkman, Thomas, journeyman finisher .......... 504
Knibb, Joseph of Oxford, longcase clock .......... 311
Knibb, Joseph of London, bracket Clock .......... 4-5
Knifton, Thomas in Lothbury, London, lantern clock .......... 14, 162, 310, 460
Knight, Susan and Jack, obituary for Geoffrey Spencer (1926–2017) .......... 474
Kyrforth 1519 woodcut .......... 432
Kugel, Alexis, A Mechanical Bestiary. Automaton
Clocks of the Renaissance, reviewed by Anthony Turner .......... 112
Kullberg, Victor, 'Curiosity' watch .......... 319

L
Lamaille, Georges, London & Paris .......... 243
lambrequin of Solomon Coster clock .......... 382
Lang, John, watch-case maker .......... 498
Langlois, Pierre of Paris, regulator .......... 380-381
lantern clock by
anonymous .......... 36, 37, 38, 39, 41
anonymous Dutch .......... 42
anonymous Flemish .......... 43
Aylward, John of Guildford .......... 14, 162
Barlow, William of King’s Lynn, Norfolk .......... 14, 162, 310, 460
Bowyer, William .......... 179
Bunston, Henry of Lyme Regis .......... 14, 162
Burroughs, Edward of Fordham .......... 14, 162, 310, 460
Closon, Peter .......... 179
Cosbey, Robert of London 14, 162,310,460
Davis, Samuel at London in Lothbury .......... 14
Dennis, John of Maidstone .......... 460
Goupil, Samuel of London .......... 14, 162, 310
lantern clock by continued
Windmills, Joseph of London ........... 14, 162

Wright, John in Mansfield 14, 162, 310, 460

lantern clocks
distribution of the makers ............ 543

Lantern clocks, lecture by John Robey 406
The earliest lantern clocks, article by John
Robey .................................. 35

with unique corner pillars ............ 533-4

laterndluhr, Philipp Happacher in Vienna 152
Lathwaite, John, watch-case maker ........ 505
Latham, Thomas, Clockmakers’ Company 354
Lautenwalt, Mathias, Wittenberg, astronomer
.............................................. 333

Le Roy & Fils of Paris clock maker .......... 545
Le Roy, Basile Charles of Paris, clock maker
........................................... 549

letters to the Editor continued
Joseph Anthony Berrollas, by Martyn Jones
............................................. 433

The inertia escapement, by Derek J Bird
................................................ 284

Last remarks, by Andrew King .......... 135-6

Last remarks, reply, by Jonathan Betts
................................................ 136

The making of watches, by Terence Camerer
Cuss ........................................ 131-3

The Pykes in Holborn, by Erik Glasius ...
................................................ 580-1

Recoil escapement, by John Wilding .... 434

Research request by, E. W. Odell .......... 433

Rugby Radio Station, by David Smith .... 434

Stolen tavern clocks, by Tim Marshall 582

Strymgen & Olsen deck watch, by Kurt Jensen
& Poul Darnell ............................. 133-5

Two prints, by Chris Schouten .......... 283

Le Roy, Charles Louis of Paris clock maker
............................................. 549
Le Roy, Julien of Paris clock maker ........ 549
Lee, Charles, watch-case maker ........... 504
Lee, John of Loughborough, lantern clock
............................................. 162, 310, 460
Lenoir, Robert ............................. 75
Lepaute, Auguste-Pierre, clock maker .... 549
LeRoy & Fils on Regent Street ............. 243
Leroy & Fils, clock maker .......... 549

LeRoy, Julien, Paris, bracket clock ........ 25
Leroy, L. & Cie of Paris

clock maker ................................ 549
carriage clock ............................. 10

Leroy, Léon, clock maker ................. 549

Leroy, Théodore, clock maker .......... 549

Leroy, Théodore Marie, clock maker ..... 54
Two prints reply, by John Robey …… 283
Who was Napoleão?, by Víctor Pérez Álvarez ………. 285
William Banks, by Martyn Pettifer ……. 551
1519 woodcut, by William Linnard ……… 328
Levy, John, silversmith ………. 501
Library news Edward Powell ……….. 422
Lieussou, Aristide ……….. 91
Linnard, William
The 1519 woodcut, letter ……. 432
Early clocks in English woodcuts, article ……….. 255-259
see also Robey, John A & Linnard, William
Special Comtoise Clocks and lantern Clocks, by Chris Hooijkaas, review …….. 110
Litherland, Davies & Co. of Liverpool ……. 250
Lockely, John of London, watchmaker ……….. 501
London and North Eastern Railway ……….. 81
longcase clock by
anonymous
with Adam and Eve automaton ……. 538
front plate, rack-striking ……….. 199
marquetry detail ……….. 149
Clay, Charles of London, month going 315
Clement, William month-going ……….. 464
Fromanteel, Dutch striking ……….. 323
Gould, Christopher of London ……….. 2
Knibb, Joseph of Oxford ……….. 311
Lowndes, Jonathan of London ……….. 446
Markwick, Jacobus of London ……….. 470
Mudge, Thomas and Dutton, William of
London ……….. 28
Nickals, Isaac of Wells, lacquered ……….. 161
Tompion, Thomas
No.118 ……….. 17
No.325 ……….. 148
Vulliamy, Justin London, No.165 ……….. 167
Windmills & Elkins of London ……….. 453
long-duration, year-going Tompion, Greenwich
regulator ……….. 209
Longitude Act ……….. 90
Loudan, William of London
watch and clock-maker ……….. 495
watchpaper of ……….. 495
Lowndes, Jonathan of London, longcase clock ……….. 446
Loyer, Giles, goldsmith ……….. 249
Ludlam, Robert of London, Dover Castle clock ……….. 195
Lumbard, Giles of Ilminster, lantern clock ……….. 162, 310, 460

McAteer-Moreau, Samantha, Highly Commended
Certificate ……….. 421
Maidstone Clock & watchmakers, lecture by
Barnaby Smith ……….. 269, 406
map, Rocque 1746 of Fleet Street ……….. 351
Margolis, Helen, How to Make an Atomic Clock,
lecture ……….. 561
marine chronometer
Breguet Neveu & Cie. No.5092 ……….. 7
Delépine, E. No.1724 ……….. 20
Mudge, Blue and Green ……….. 97
marquetry longcase clock case ……….. 149
marquetry piece ……….. 430
Marsh, Humphrey of Highworth, Wiltshire, lantern
clock ……….. 14, 162, 310, 460
Marshall, Edward, apprentice to William Crowther
…….. 497
Marshall, Tim, Stolen tavern clocks, letter 582
Markwick, James of London, longcase clock ……….. 470
Martinot, Paris, gold watch ……….. 485
Maskelyne, Nevil, Astronomer Royal ……….. 94
Massey, Edward, ship’s log ……….. 405
Mathey, Philbert, watch-case maker ……….. 510
Matthes, Dietrich & Sánchez-Barrios, Rocío,
Mechanical clocks and the advent of scientific
astronomy, article ……….. 328
May, John of London (winged) lantern clock
…….. 14, 162, 310, 460
McAteer-Moreau, Samantha, Highly Commended
certificate ……….. 421
McCabe, James of London, carriage clock No.2831
…….. 447
McCabe, Robert of London ……….. 507
McKay, Chris
The electro-magnetic verge, article ……….. 260-263
Two Poor Law clocks, article ……….. 221-235
Bailey’s Illustrated & Useful Inventions book
reviewed ……….. 560
Medcalf, Peter of London, clockmaker ……….. 113
Metronomes and Musical Time. Catalogue of the
Tony Bingham Collection of metronomes
…….. 49
Morfouli, Meropi, scientist ……….. 371
Miller, John, Bedford, longcase regulator . 443
Mones, Richard, Further thoughts about lantern
clocks, letter ……….. 130
Monkhouse, John, clockmaker ……….. 494
Moore, Thomas of Long Melford, lantern clock
…….. 14, 162, 310, 460
Morgan, Richard of London, clock and watch
spring maker ……….. 179
Morris, Samuel, apprentice to William Brown,
Mudge, Thomas ...................................................... 90, 93
chronometers Blue and Green ............... 97
lever clock, experimental .................. 212, 213
turret clock, Gopsall Hall .................. 528
watch No.79 .............................................. 206
Mudge, Thomas and Dutton, William of London,
longcase clock ................... 28
Müller, Johannes, German astronomer .. 328
Murdock, Tessa
Clay and Pyke comment, letter .......... 282
A royal acquisition for the Victoria and Albert Museum, article .......... 51
museums
Columbia, USA National Watch and Clock
Google Street View’ virtual .................. 33
County Durham, Bowes Museum .......... 475
Coventry, Clock and Watch ................ 268
Keighley, West Yorkshire, Cliffe Castle 141
London, Victoria and Albert, article ..... 51
Myer, Morris & Isaac Tobias of Wapping
watchmakers .............................................. 506
N
Nadauld, William Emery of London, watchmaker ..... 508
Nauta, Jacobus of Leeuwarden, verge watch
.......................................................... 204
Nevil, John journeyman watchmaker 497, 504
Newsam, Bartholomew of London, clockmaker ............................................. 343
Newsam, Edward of Biggleswade ......... 343
Newsam, John of London ...................... 347
Newton, William of East Smithfield, lantern clock ........................................... 14, 162, 310, 460
Nicasius, John of London, clockmaker . 486
Nickals, Isaac of Wells, longcase clock ... 161
Nielsen, Nicole of London, No.32135 minute repeater ................................... 303
Norris, Edward of London, lantern clock ... 460
Northallerton clocks exhibition report by Dr. David Severs ................................... 174
Nowe, Francis at Blackfriars, lantern clock 36
Nye, James
The Crystal Palace clock, article .......... 101
Edmund Howard (1710–1798): A Quaker Clockmaker in Chelsea, article .......... 513
Electrical Horology Group reports ..... 278
O
Obituaries
Grange, Michael (1933–2016) by David Thompson ........................................... 32
Hurst, Michael (1924–2017) by Jonathan Betts and James Nye ......................... 30
Spencer, Geoffrey (1926–2017) by Susan and Jack Knight .................................... 474
Octagon room at Greenwich Royal Observatory ...................................................... 210
Odell, E. W., Research request, letter ........ 433
Ogden, James of Soyland lantern clock ..
.......................................................... 14, 162, 310, 460
Old Bailey ...................................... 491-2
Old Chelsea Church, lecture by John Harrold ...................................................... 563
ormolu clock case ................................. 54
Ostinielli, Opticien à Paris, barometer ... 312
Oundle clock, two-train turret clock .... 223-4
Oundle workhouse ................................... 226
Oursian, Nicholas, French clockmaker .... 56
P
 Pace, John, Skeleton Clocks, lecture ........ 563
Parker, Thomas of Aldersgate, lantern clock ........................................................... 14
Parker, Thomas, watch-case maker ...... 504
Parsons, Hubbard and Ball, patent ...... 72
Partridge, William, Clockmakers’ Company ......................................................... 185
Patek Philippe & Cie Geneva, pendant watch ...................................................... 163, 307
patents
GB12,328 Shortt ........................................ 64
GB200,433 Stanley Wise ......................... 395
No.355 Berrollas .................................. 252
No.3174 Berrollas ................................ 249
patents continued
No.3342 Berrollas ................................. 251
No.4501 Thomas Prest ......................... 253
No.5489 Berrollas ................................ 252
No.5586 keyless winding watch .......... 253
No.9501 Tom Grove of Hull ................. 545
Hubbard, Parsons and Ball ................. 72
Surety Roller ........................................ 238-247
Paull, George, watchmaker .................. 504
Parbury, Ishmael, gold chaser .............. 56
Pearce, Adam, apprentice to Edward East ......................................................... 364, 490
Peerless, trademark ............................... 68
Pellaton, Albert, technical director of IWC 84
pendulum
Galileo’s
pendulum circle ...................................... 366
first mechanism model ...................... 372
second mechanism ......................... 373
Farcoat conical ..................................... 141
free by Rudd, R.J. of Croydon .............. 71
Pennock, John, clockmaker ................. 50
Percy Dawson Award to Dr. David Bryden 121
608
Pettifer, Martyn, *William Banks*, letter … 551
Pettit, William, watch-case maker … 179, 349
Pilkington-Gibbs Helio-Chronometer … 424
Pithouse, Thomas

Poor Law clocks, article .......................... 275, 426

Porrvis, James, iron clock ………………….. 35
Porthouse, Thomas

Pott, Baldwin of Stockport, lantern clock

Poulton, William & Alfred of London, bracket clock …………….. 457
Powell, Edward, Library News …………... 422
Pratt, Derek, Prize ……………………….. 389
Praty, Anthony, watchmaker …………….. 499
Prest, Thomas, foreman at Arnold’s …… 253
Price, Peter, apprentice to Collins ………… 502
Priestley, Philip and Johnston, Kenneth, *Watch and Clock Bulletin*, further reading

Pryor, Thomas, apprentice to Thomas Gooch …………………….….. 494
Pyke, John, watchpaper of ………………….. 282
Pyke Organ Clock restoration, lecture by John Harrold …………….. 563
*The Pykes in Holborn*, letter by Glasius, Erik ……………………….….. 580-1
Pyke see also Clay & Pyke

Quare, Daniel of London, bracket clock ….. 22

Ramsay, David, King’s Clockmaker ……… 349
Raynes, Will in York, lantern clock ……….. 14, 162, 310, 460
Read, David, *The National 15: The decline of British watchmaking and the role of Smiths in a hoped for recovery*, lecture ………….. 74
Read, Matthew, move to Bowes Museum … 475
Referees …………………………………. 569
Regiomontanus see Johannes Müller

anonymous, pillar mounted ………………. 153
Janvier, Antide bracket by ………………… 463
Miller, John of Bedford ……………………... 443
Zenith, Switzerland …………………….. 19

Rennie, Timothy, watch-case maker ……… 497
repeater mechanism

Patent No.3174 ……………………….. 249
Patent No.3342 quarter repeating ………... 251
Revil, James, watchmaker ………………….. 504
Rich, William of London, bracket clock … 25
Richards, Thomas, watch-case maker …… 506
Richardson, Jim AHS Midlands Section meeting report …………………… 574
Rieuisset, inking chronograph ………….. 168
Riley, William, apprentice ………………….. 501
Rimbault, Stephen, clockmaker ………….. 497
Risbridger, John of Brentford, lantern clock ………………….. 14, 162, 310, 460
Risky, Anthony, clockmaker ……………….. 350
Robert-Houdin, Jean of France, self-lighting alarm clock ………………….. 168
Robertson, Drummond collection of Japanese clocks …………………… 204
Robey, John A.,

Adam, the Devil and the Supernatural: An unusual English lantern clock revisited article …………………… 533
Clocks magazine, further reading …….. 436, 583
Lantern clocks, lecture ……………………. 406

Robey, John A., continued

The origin of the English lantern clock Part 2: The earliest lantern clocks, article …………………… 35
Two prints reply, letter ……………………. 283
Robey, John A. & Linnard, William, *Early English horological terms*, article … 191-201
Rochat Freres of Geneva, singing bird bracket …………………….. 307
Rogers, Nathaniel of Nottingham, lantern clock …………………….. 14, 162, 310, 460
Rogers, Richard, goldsmith of London … 347
Rolex, submariner watch ………………….. 26
Rooney, David, *The Speaking Clock in the history of Public Relations*, lecture … 268, 406
Roskell, Robert of Liverpool ………………... 250, 252
watch movement No.10079 ………………. 251
rack lever ……………………………....... 252
Rudd, R.J. of Croydon, free pendulum design …………………….. 71
Rude, Tabea, The inertia escapement—William Hamilton Shortt’s first step towards the free pendulum, article ………………… 61
Rugby Radio Station, letter by David Smith 434
Ryland, watchmaker ……………………. 505

609
Sainsbury, Henry of London, turret clock maker ........................................... 234, 238
saltire crosses on hammer springs .......... 540
Sampson, Ralph, Astronomer Royal for Scotland ............................................ 72
Samuell at London in Lothbury, lantern clock ................................................. 14
sandstone clock .................................. 476
Schouten, Chris, An interesting case, letter .......... 430
two prints, letter ................................. 283
Schenroder clock ............................... 387, 388
Scott, John, watchmaker of London .......... 499
sculptural clock by Martin Burgess .......... 385
Secretary’s note by Wendy Barr .............. 566
Seignior, Robert, Royal Clockmaker .......... 485
Sexton, William, journeyman .................. 494
Sheepman, John, Goldsmiths’ Company .. 346
Shell-Mex giant clock .......................... 104
Shelton, Sampson of Fleet Street
watchmaker ....................................... 179
watch movement by ............................ 190
Shenton, Dr. Alan, Award to Dr. Gloria Clifton .............................................. 121
Shortt, William Hamilton ....................... 62
duplex regulator ................................. 72
inertia escapement .............................. 64
triangle regulator ............................... 70
silver dollars, melted for watch case making ................................................... 506
silver refiners, Collings & Co. ................. 500
silversmith, John Levy ......................... 501
Simpson, Richard, watchmaker ................. 510
Sinclair Harding, giant chronometer carriage clock ........................................ 164
skeleton clocks by
anonymous
French .......................................... 171
York minster design ......................... 24
Pace Skeleton Clocks, lecture ................. 563
Smallwood, John of Litchfield, watch ........ 451
Smith, Barnaby
Some Maidstone Clock & watchmakers, lecture .............................................. 269, 406
South Eastern Section meeting reports ......................................................... 127, 275
Smith, David, Rugby Radio Station, letter 434
Smith, Hartley, journeyman .................... 497
Smith, John of Kings Lynn lantern clock ... 39
Smith, William, Chelsea, journeyman ..... 519
Smiths

12.15 movement .................................. 81-3
ABEC platform escapement .................. 77
Bishops Cleeve factory, Cheltenham .... 76
Pocket watches by
Army ........................................... 75-76
London and North Eastern Railway ... 82
wristwatches by
Astral National 15 ......................... 75, 78, 285
Everest ......................................... 85
General Service W10 ....................... 84
Imperial ........................................ 85
Jaeger LeCoultre Mk VII navigator’s supplied by Smiths ..................... 77, 81
ladies ........................................... 83
Navigator ....................................... 86-7
pilots 6B-542 .................................. 84
Quasar quartz .................................. 88
The decline of British watchmaking and the role of Smiths in a hoped for recovery, lecture by
David Read .................................. 74
Development of Smiths calibre 1215 watch movement, lecture by Owen Gilchrist ............... 407
Soames, William ................................ 506
Society of Antiquaries, Vulliamy at ......... 34
Soho premises of William Vandamme ..... 505
Solar Time Clock ................................ 477
Speaking Clock, lecture by David Rooney ... 268, 406
Stansbury, James, clockmaker ................ 506
Stanton, Edward of London, lantern clock ................................................... 162, 310, 460
Stabius, Star-chart of the northern sky ... 331
Stevens, Henry clockmaker .................. 49, 349
Steward, James, watchmaker ................. 507
Stewart, A.D., A comparison of early marine timekeepers, from Harrison to Earnshaw, article .... 90
Stoddart, James, watchmaker ................. 511
Strömgen & Olsen deck watch see Jensen, Kurt & Darnell, Poul .................... 133-5
Stone, Clement, Renter of the Goldsmith’s Company ..................................... 359
stoolclock attributed to Joost Ter Veen of Haarlem ........................................ 278
Storer, Robert of Clerkenwell, watchmaker .................................................. 505
Storr, Marmaduke of London, watchmaker .................................................. 505
Strachan, Charles of London, watchmaker 512
Stradanus, Joan, engraving of clockmaker’s workshop .................................. 45
Strasbourg carillon clock by Isaac Habreicht .............................................. 316
Strasse, Peter-Vischer in Nuremberg ……… 326
Strömgren & Olsen deck watch, letter by Jensen, Kurt & Darnell, Poul ……….. 133-5
Struthers, Rebecca doctorate award ……. 33
Sykes, Geoff AHS Turret Clock Group meeting report ………………….. 279, 428, 576-7
Synchronome
agate knife-edge features ………... 66, 71
clock No.4 ……………………………….. 65
clock No.7 ……………………………….. 66
contact spring …………………………… 68
inertia escapement features ……….. 52-53, 65-67
latch design features ………………… 66
trademark and serial number ……….. 69
Synchronome Electrical Company of Australasia ………………… 68

T
Talmer, William watchmaker ………….. 499
Taqī al-Dīn al-Rasid of Istanbul, astronomer ……………………. 337
Talbert, Richard J. A. Roman Portable Sundials: the Empire in your Hand book reviewed ………………… 557-60
tavern clocks by
   Hawting of Oxford ………………….. 155
   Inkpen, John of Horsham ………….. 454
   Upjohn, Edward of Exon. …………… 12
Taylor, Thomas, apprentice watch-gilder ….. 501
Taylor, Thomas of London, clockmaker … 485
   telescope drives, lecture by Dr. Peter Thomas 407
ten Hoeve, Johan, Wristwatch Group meeting reports ………………….. 429
Tennant, Leonard of London, clockmaker 348
Ter Veen, Joost of Haarlem, stoolclock … 278
Territ, William, watch-engraver …………. 510
Terry, William, apprentice to John Bell … 497
Thomas, Darlah,
   Northern Section meeting reports ………
   ……………………… 123-124, 272, 423, 571-573
   Thomas Cooke: forever on the cusp between greatness and bankruptcy, lecture
   …………………………….. 268
Thomas, Dr. Peter Following the Stars: pendulum controlled telescope drives and the transition to electromagnetic systems, lecture
…………………………………. 407
Thomas, Steve and Darlah, The Turret Clocks of T. Cooke & Sons of York. A historical perspective 1807-1897. reviewed by Chris McKay ………….. 108
Thompson, David, obituary for Michael Grange (1933-2016) ……………………….. 32
Threlkhill, Peter, watchmaker ………….. 499
Thuet, Isaac of Paris
   clockmaker …………………………….. 378
   wall regulator, movement and dial ……… 379
Thwaites and Reed ……………………… 224
Time Workshop, photo ………………….. 279
Tisdall, Alexander, watchmaker ……….. 501
Tompion, Ann …………………………… 502
Tompion, Thomas, junior ………………… 502
Tompion, Thomas of London
   bracket clock No.420 …………………. 449
   longcase clock No.118 ………………. 17
   longcase clock No.325 ………………. 148
   Greenwich Royal Observatory …….. 209
tools from Henlein’s workshop ……….. 326-7
   trade card of
      Dutens, Peter 1730–1734 ……….. 57
      Porthouse, Thomas ………………….. 497
   transit clock …………………….. 92
   Trefler, Johann ………………….. 375
   Tregent, James, bracket clock No.207 … 324
   Tuck, Paul, Clay and Pyke, letter ………. 282

Turner, Anthony and Bingham, Tony Metronomes and Musical Time. Catalogue of the Tony Bingham Collection of metronomes, reviewed by Peter de Clercq ………….. 113
turret clocks
   Dover Castle by Robert Ludlam of London 195
   Gauty Old Hall ………………….. 529-30
   Gloucester Cathedral, by Dent ……… 280
   Gopsall Hall by Mudge ………………. 528
   Great Finborough ………………….. 528
   Hanwell school, London ………….. 229-4
   Oundle …………………………….. 223-4
   turret clock makers
      Cooke, Thomas of York, lecture by Darlah Thomas ………………….. 268
      Gaydon, H & E. of Brentford & Richmond ………………….. 230, 237
      Sainsbury, Henry of London ……….. 234, 238
   Tyrer, Steven, Wales & Marches Horological Society meeting reports ……….. 128, 277, 427

U
Union workhouse at Canterbury ……….. 226
Upjohn, Edward, Exon. tavern clock ………. 12

V
Vallin, Nicholas, carillon clock ………….. 40
Vandamme, William, Soho premises ……….. 505
Vicario of Paris ………………….. 244
Vick, Richard of London, clockmaker ………. 60
Vischer, Peter …………………………… 326
Vuliamy, Benjamin of London .......................... 497
mantel clock No.753 ................................. 172
Vuliamy, Justin of London, longcase clock No.165 .................................................. 167
Vuliamy of London
dial clock No.1417 ................................. 308
mantel timepiece No.445 ............................. 156

W
Wagstaff, Edward, apprentice to Edward East .................................................. 359, 490
Wait, Ann, watch and clockmaker ................................................................. 499
Wales & Marches Horological Society meetings
7 October 2017, Clocks with wooden wheels, by M. Flannery ............. 269, 407
7 October 2017, Development of Smiths calibre 1215 watch movement, by Owen Gilchrist .................................................. 269, 407
Wales & Marches Horological Society meetings
7 October 2017, The Greenwich time ball, by D. Bateman .................... 269, 407
24 March talks by Dr David Rooney, Emyr Davies and Andy Burdon ............ 563
meeting reports by Steven Tyrer ................................................................. 128, 277, 427, 575
Wall clock by John Woolley of Codnor .................................................. 304
Walpole, William, watchmaker ................................................................. 506
Walraven, Anthony of London ................................................................. 503
Walsh, A.P., of London pocket watch .................................................. 319
Waltham Watch Company, watch .................................................. 219
Walther, Bernhard, astronomer ................................................................. 329
house and details ................................................................. 330
Ware, William, brass founder ................................................................. 494
Warren, John, motion-maker ................................................................. 508
Watch Jewelling, lecture by Greaves, Ian .................................................. 406
watch alarum’ patent No.5489 ................................................................. 252
watch and clock makers
Abbott, Francis in Chelsea, Derby & Manchester ........................................ 502
Cornish, Henry .................................................. 501
Porthouse, Thomas .................................................. 496
Loudan, William .................................................. 495
watches by
Barraud's & Lund of London .................................................. 319
Breguet, A. L. .................................................. 207
Brockbanks of London .................................................. 319
Dent of London No.32135 .................................................. 303
East, Edward of London .................................................. 352
Earnshaw of London No.504 .................................................. 206
Farroil, Peter of London .................................................. 211
Gambier, Nicholas of Paris .................................................. 217
Hutton, John of London .................................................. 319
Kullberg, Victor of Liverpool & London .................................................. 319
Nauta, Jacobus of Leeuwarden ................................................................. 204
Nielsen, Nicole of London minute repeater No.32135 ........................................ 303
Roskell, Robert of Liverpool
No.10077 .................................................. 433
No.10030 .................................................. 250
No.10079 .................................................. 251
No.20997 .................................................. 252
Shelton, Sampson of Fleet Street .................................................. 182
Smiths of London .................................................. 75-82
Vick, Richard of London .................................................. 205
Walsh, A.P., of London .................................................. 319
Waltham Watch Company .................................................. 217
watch-case makers
Atkins, Samuel of Bridgewater Square .................................................. 500
Clark, Charles .................................................. 493
Clark, James .................................................. 497
Clark, John .................................................. 504
Deacon, Henry .................................................. 500
Gibb, Thomas .................................................. 500
Gooch, Thomas .................................................. 494
Govett, Matthew .................................................. 494, 498
Holiday, Cornelius Brook .................................................. 154
Lang, John .................................................. 498
Lathwaite, John .................................................. 505
Lee, Charles .................................................. 504
Mathey, Philbert .................................................. 510
Parker, Thomas .................................................. 504
Petit, William .................................................. 179
Rennie, Timothy .................................................. 497
Richards, Thomas .................................................. 506
watch-engraver, Territ, William .................................................. 499
watch-finishers
Allen, George .................................................. 510
Anderson, William .................................................. 501
Burroughs, Josiah .................................................. 510
Kirkman, Thomas .................................................. 504
watch-gilders
Hill, William .................................................. 501
Brown, William .................................................. 500
Taylor, Thomas, apprentice .................................................. 501
watch-keymaker, Winter .................................................. 505
watch motion-maker
Ariel .................................................. 506
Wild, George .................................................. 508
Wild, George .................................................. 494
watch-wheel-finisher, Goldsmith, James .................................................. 501
watchpaper of
Desbois and Wheeler .................................................. 511
Dwerrihouse and Carter .................................................. 512
Loudan, William .................................................. 495
Pyke, John .................................................. 282
Watkins and Hill, Charing Cross, London electromagnetc verge .................................................. 260
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watkins, Richard</td>
<td>Industrial Development, Technology Transfer and Global Competition – A history of the Japanese watch industry since 1850, by Pierre-Yves Donzé, review 111</td>
</tr>
<tr>
<td>Watts, John of Stamford</td>
<td>lantern clock</td>
</tr>
<tr>
<td>Webb, Henry, watchmaker</td>
<td>watchmaker’s apprentice</td>
</tr>
<tr>
<td>Webbe, John of Salisbury</td>
<td>iron clock</td>
</tr>
<tr>
<td>Webster, Richard, watchmaker</td>
<td>watchmaker</td>
</tr>
<tr>
<td>Wentner, John, watchmaker</td>
<td>watchmaker</td>
</tr>
<tr>
<td>Wenzel, Tobias of Prague</td>
<td>clockmaker</td>
</tr>
<tr>
<td>Liverpool No.136</td>
<td>wheel-cutting engine, marked Thos. Green</td>
</tr>
<tr>
<td>Wheeler and Desbois see</td>
<td>Desbois and Wheeler</td>
</tr>
<tr>
<td>White, E. of London</td>
<td>chronometer carriage timepiece No.793</td>
</tr>
<tr>
<td>White, George</td>
<td>Don’t mention the war! The chequered early years of the Worshipful Company of Clockmakers, article …….. 175-190</td>
</tr>
<tr>
<td>Whitson, Jacob</td>
<td>watchmaker</td>
</tr>
<tr>
<td>Whitman, George Charles</td>
<td>arabesque barometer</td>
</tr>
<tr>
<td>Willis, William</td>
<td>watchmaker</td>
</tr>
<tr>
<td>Wilcox, William</td>
<td>watchmaker</td>
</tr>
<tr>
<td>Wild, George</td>
<td>watch motion-maker</td>
</tr>
<tr>
<td>Wilding, John</td>
<td>Recoil escapement, letter</td>
</tr>
<tr>
<td>Wilhelm IV of Hessen-Kassel</td>
<td></td>
</tr>
<tr>
<td>Williams, Charles</td>
<td>apprentice to Matthew Govett</td>
</tr>
<tr>
<td>Williamson, George Charles</td>
<td>wall clock</td>
</tr>
<tr>
<td>Williamson Ltd., H.</td>
<td></td>
</tr>
<tr>
<td>Willow, John, Clockmakers’ Company</td>
<td></td>
</tr>
<tr>
<td>Wilson, James</td>
<td>watchmaker</td>
</tr>
<tr>
<td>Wilson, Thomas, journeyman</td>
<td></td>
</tr>
<tr>
<td>Windmills &amp; Elkins of London</td>
<td>longcase clock</td>
</tr>
<tr>
<td>Windmills, Joseph of London</td>
<td></td>
</tr>
<tr>
<td>Wise, Stanley John</td>
<td>portrait of</td>
</tr>
<tr>
<td>Wolfe, Jacob, watchmaker</td>
<td></td>
</tr>
<tr>
<td>Wolverstone, Thomas</td>
<td>apprentice to Edward East</td>
</tr>
<tr>
<td>White, George</td>
<td>The horological legacy of article by Horner, Geoffrey A.</td>
</tr>
<tr>
<td>Wolfe, Jacob, watchmaker</td>
<td></td>
</tr>
<tr>
<td>Wolferstone, Thomas</td>
<td>apprentice to Edward East</td>
</tr>
<tr>
<td>Wyman, John Codnor</td>
<td>wall clock</td>
</tr>
<tr>
<td>Wyatt, William Henry</td>
<td>apprentice to James Goldsmith</td>
</tr>
<tr>
<td>Wyre, Douglas</td>
<td>apprentice</td>
</tr>
<tr>
<td>Wyre, Douglas</td>
<td>workshop room (Henlein)</td>
</tr>
<tr>
<td>Worshipful Company of</td>
<td>Clockmakers, document</td>
</tr>
<tr>
<td>Wright, John in Mansfield</td>
<td>lantern clock</td>
</tr>
<tr>
<td>Wyatt, William Henry</td>
<td>apprentice to James Goldsmith</td>
</tr>
<tr>
<td>wristwatch movements by</td>
<td>Smiths</td>
</tr>
<tr>
<td>Wyatt, William Henry</td>
<td>apprentice to James Goldsmith</td>
</tr>
<tr>
<td>Wotruba, Thomas R.</td>
<td>Carriage clocks with a unique winding system: the bottom-wind, article</td>
</tr>
<tr>
<td>Williams, George Charles</td>
<td></td>
</tr>
<tr>
<td>Williamon, George Charles</td>
<td></td>
</tr>
<tr>
<td>Wyre, Douglas</td>
<td></td>
</tr>
<tr>
<td>Wyre, Douglas</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
- The page number for each entry is indicated by the number following each entry.
- The page numbers and entries are arranged alphabetically.
- The table includes entries for individuals, places, and topics related to horology.
X
X-mark on the latch of a cellar door …… 539

Z
Zenith, precision regulator ………………… 19
Zinke, Christian, artist …………………… 57
PAGINATION OF ISSUES

One     March 2018 ................................................................. 1-148

Two     June 2018 ................................................................. 149-296

Three   September 2018 .................................................... 297-444

Four    December 2018 ...................................................... 445-592

Index    ................................................................. 593-613
Timing the stars: astronomers, clockmakers and German precision horology around 1800 by Sibylle Gluch .......................... 34
The first transparent watch by Juan F. Déniz .................................................. 55
New light on French enamel painting (1630–1660): tondi as models for the decoration of watches by Catherine Cardinal ............................................................... 69
Sixty years of AHS study tours by Peter de Clercq ............................................. 80
Early watches—The argument over priority in Italy and Germany by Günther Oestmann .......................................................... 92
Welsh time balls and time guns by William Linnard ........................................ 98
An unusual electrical time switch on a turret clock signed Selfe of Greenwich by Chris McKay 103
Henry Jones of London: his birth, marriage and family by Andrew James .......... 108
A relic of the Gold Rush by David Read 112
Jacques Goullons (c. 1600–1671), master clockmaker on the Île de la Cité, Paris by Catherine Cardinal ......................................................... 185
William Shortland the Elder of Stony Stratford (c. 1690–1744). A hitherto undocumented clockmaker, trained by Joseph Knibb at Hanslope by Edward Hudson .................................................. 202
Showtime at Oxnead: The timekeepers depicted in The Paston Treasure by Jonathan Betts .......................................................... 215
Edward John Dent’s glass springs, archive and technical analysis combined by Jenny Bulstrode and Andrew Meek .................. 225
Top hits of the eighteenth century on bell-playing clocks by Marieke Lefeber-Morsman .......................................................... 244
New light on Osborne and Wilson by John A. Robey ........................................ 251
Note: Saint Teilo’s bell by William Linnard .......................................................... 259
Salisbury, Wells and Rye – the great clocks revisited by Keith Scobie-Youngs .... 327
The universe on the table. The Buschman Renaissance clock of the National Maritime Museum by Victor Pérez Álvarez .......... 342
The story behind the Geneva Clock Company, their trademark JTC and their miniature Swiss carriage clocks by Thomas R. Wotruba ........................................ 361
Usher & Cole workbooks by Terence Camerer Cuss ........................................ 368
The history of Josiah Emery’s lever escapement gold watch No. 929 by Søren Andersen & Poul Darnell ................................. 375
Museum profile: The Museum of Horology and Mechanical Music in Oberhofen, Switzerland by Fortunat Müller-Maerki 380
Picture Gallery by Peter Gosnell ............ 388
An early Gothic Hausuhr by John A. Robey ...................................................... 475
Louis Ourry (1643–1699). A Huguenot clockmaker in Paris and an early bedchamber clock from his workshop
by Erik Wauters and Chris Schouten ... 485
The John Smeaton family from York and their horological connections. Part 1 – The York years
by Chris Watson …………. 504

Drocourt’s porcelain tributes to Romantic Love and Royal Victory. Art-historical appreciation of rare carriage clocks
by Larry L. Fabian ………………….. 513
Timepieces in Victorian narrative painting by Louise Cooling …………………….528

<table>
<thead>
<tr>
<th>Picture Gallery</th>
</tr>
</thead>
<tbody>
<tr>
<td>East, Edward, bracket clock .................. 490</td>
</tr>
<tr>
<td>Ellicott, John, month regulator ............ 492</td>
</tr>
<tr>
<td>Jones, Henry, bracket clock ............... 488</td>
</tr>
<tr>
<td>Jones, Henry, table clock ................. 491</td>
</tr>
<tr>
<td>Knibb, Joseph, longcase clock .......... 490</td>
</tr>
<tr>
<td>Knibb, Joseph, longcase clock .......... 490</td>
</tr>
</tbody>
</table>
INDEX TO VOLUME THIRTY-NINE
Compiled by Edward Powell and David Buckden
Page numbers in **bold** denote an illustration

**A**
Abeler, Jürgen, Wuppertal ................. 96
Addomine, Marisa
    review of *Nuovo Dizionario degli Orologai Italiani*: Enzo Turicchia .. 265
AHS AGM 2018
    at Keele University announcement .. 118
    lecture reports by S. B. de Save ...... 416
AHS AGM 2019
    Election of Members to Council ...... 559
AHS Calendar for 2018 ...................... 270
AHS Dutch Section
    meeting reports by Paul Kersten 131, 426
AHS East Anglian Section
    15 September 2018 bring & discuss 268
    17 November 2018 *Worlds without Clocks: Picturing Time in Science and Art* by Patricia Fara ....................... 406
    19 January 2019 AGM and talk ...... 556
    16 March 2019 *English chronometer making: a different view*, by David Penney ............................................. 556
    17 March 2019 *Face and Parker of Bury St Edmunds* by William Barnard and David Tyler ......................... 121, 276
    meeting reports by
        Kenneth Cobb ....................... 570
        John Glasby .......................... 129, 276, 424
        Richard Curtis ........................ 425
    visit to the Grange Musical Collection of Mechanical Music ......................... 406
AHS Electrical Horology Group
    10 March 2018 *Turing/Welchman Bombe Rebuild Project* ..................... **279**
    9 June 2018 *Bring and Discuss* ........ 122
    23 September 2018 *Electrical timekeeping in social and economic life*, by Derek Bird .............................................. 269
    17 November 2018 AGM and *Ritchie sympathetic pendulum clocks and the Edinburgh Ring* by Professor Eddy Odell ................................................. 407
    16 March 2019 *The Ship Automata Clocks of Vitascpe Industries* by Geoff Horner .................................................. 557
    meeting reports by James Nye ........
    ........................................ 132, 427, 574

**AHS London lectures**
    15 March 2018
    *The lines which are so very fine: John Harrison, William Hogarth and the trouble with drawing a line of Longitude*, by Katy Barrett .......................... 272
    19 July 2018
    *Staking a Claim to Practical Science: the Clockmakers Versus the Spectacle Makers in the Long 18th Century*, by Rebekah Higgitt ........................................ 120
    20 September 2018 *The Knibb Clocks of the University of St Andrews and the Origins of the Tic-Tac Escapement*, by John Redfern ........................................ 267, 406
    17 January 2019
    *Capturing Time: Photography and the Measurement of Time in the Nineteenth Century* by Geoff Belknap ......................... 556
    meeting reports by S.B.de Save 125, 272
AHS Members login system .................. 30
AHS Midlands Section
    7 February 2018 *1745 Pyke organ clock* by John Harrold ...................... 275
    7 March 2018 *Making a Daniels-style tourbillon watch* by David Cottrell .. 275
    7 April 2018 *Day out in the Cotswolds* ........................................ 121, 276
    2 May 2018 *Industrial clock manufacture in Birmingham, pre 1885* by Peter Gosnell .............................................. 276
    1 September 2018 *Day out in and around Ludlow* ............................. 268
    3 October 2018 *Waterproof watches* by David Boettcher ....................... 406
    7 November 2018 *Breguet’s inventions* by Andrew Crisford .................. 406
    24 November 2018 AGM and Club Day at Shrewley Village Hall ................. 406
    6 February 2019 *Restoring a bracket clock* by Brian Lines .................. 556
    6 March 2019 *The English lever* by Richard Edwards .......................... 556
AHS Midlands Section continued
meeting report by Jim Richardson .. 569
meeting reports by Robin Hutchinson .......................................................... 128, 275, 423, 570
AHS News ........................................................................................................ 124, 559
Indexing the Journal ................................................................. 272
London lecture Series 2019 ................................................................. 559
Secretary change ................................................................. .................................. 271
Study Tours ............................................................................................. 272
AHS Northern Section
9 February 2018 Work in Progress .. 273
9 March 2018
The evolution of the waterproof watch by
David Boettcher ................................................................. 274
13 April 2018 Club Night: Bring and discuss letter T ................................ 121, 274
18 May 2018 Pendulum clocks of North West Finland by Robin Hill .... 121
23 May 2018 Visit to a collection ................................................................. 121
8 June 2018 Club night Marine/maritime timekeeping and instruments ............................................................................................ 121
10 August 2018 Club night on combination clocks/watches ................ 268
14 September 2018 Making a Turret Clock in the 14th Century by Keith Scobie-Youngs ............................................................................................. 268
12 October 2018 Club night: Coventry clocks and watches .................. 406
9 November 2018 Restoration of a musical clock by Jim Arnfield ....... 406
14 December 2018 Christmas social:
Horological ephemera ................................................................. 406
11 January 2019 AGM and Short Video Presentation ................................ 556
8 February 2019 Bring and Discuss letter U ........................................ 556
8 March 2019 Tailor-made watches by Rebecca Struthers .................... 556
meeting reports by Darlah Thomas ................................................................. 126, 273, 420, 568
AHS other sections
contact information .................................................................................... 122, 269
AHS secretaries
Wendy Barr and Helen Chapman ............................................................. 271
AHS South Eastern Section
7 April 2018 Commemorative clock towers by Mike Bundock .......... 121
2 June 2018 Turret clocks and their makers by Derek Frampton .......... 121
4 August 2018, Restoring an electric clock by Sid Lines ...................... 265
AHS South Eastern Section continued
................................................................................................................................. 598

6 October 2018
AGM at Belmont and Engine Turning by
David Wood-Heath ................................................................. 268
13 October 2018 Turret Clock tour to
Romney Marsh ................................................................. .................................. 406
1 December 2018 Christmas social and members Bring and Discuss 407
1 December 2018
Royal Observatory Greenwich & Astronomy by Graham Dolan .... 407
2 February 2019 Bring and Discuss 556
6 April 2019 The Politics of Precision:
Standard Time and Violent Protest by David Rooney .............................. 556
meeting reports by Barnaby Smith ................................................................. 130, 277, 425, 571
AHS Southern Section
17 February 2018 meeting, Turret clocks and their conservation .......... 277
24 March 2018 The Geneva Fabrique by
Julia Clarke ................................................................. 122
2 June 2018 Visit to a private collection of clocks ................................................................. 122
2 June 2018 West Dean College clock students; Presentations ............. 122
13 October 2018 AGM and The Naked Watchmaker by Peter Speake-Marin 407
16 February 2019 The Politics Of Precision:
Standard Time and Violent Protest by David Rooney .............................. 557
30 March 2019 Singing Bird Boxes by Philip Gale ................................. 557
meeting reports by Ian White ................................................................. 277, 572
AHS Turret Clock Group
Great Salisbury Clock Trial of 1993 327
meeting report by Nigel Platt ................................................................. 280
meeting reports by Geoff Sykes ................................................................. 428, 575
17 March 2018 Gershom Parkington clock and watch collection ........ 122
5-7 July 2018 Summer Tour of Worcester and surrounding areas .. 269
5-6 October 2018 Autumn Tour to Smiths of Derby and AGM ............... 269
AHS Website news ................................................................................. 560
AHS Wristwatch Group
23 February 2018 Talk The Naked Watchmaker by Peter Speake-Marin 281
16 April 2018 meeting, Sotheby's Fine Timepieces sale preview ............ 281
28 July 2018, Dial Printing, by Mr Jones ................................................................. 269
AHS Wristwatch Group continued
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Collected Man by Silas Walton</td>
<td>407</td>
</tr>
<tr>
<td>350 years of watch cases and case making by Seth Kennedy</td>
<td>557</td>
</tr>
<tr>
<td>Protecting the Mechanism: 350 years of watch cases and case making</td>
<td>576</td>
</tr>
<tr>
<td>by Mat Craddock</td>
<td>429</td>
</tr>
<tr>
<td>Royal Museums, Greenwich</td>
<td>184</td>
</tr>
<tr>
<td>Aldworth, Samuel of London, clockmaker</td>
<td></td>
</tr>
<tr>
<td>...............................................................</td>
<td>211</td>
</tr>
<tr>
<td>Alvarez, Victor Pérez</td>
<td></td>
</tr>
<tr>
<td>Renaissance clock of the National Maritime Museum</td>
<td>342</td>
</tr>
<tr>
<td>Burn marks letter to the Editor</td>
<td>134</td>
</tr>
<tr>
<td>Reply (to Chris Schouten)</td>
<td>579</td>
</tr>
<tr>
<td>Armand Schwob trademark</td>
<td>56</td>
</tr>
<tr>
<td>An unusual electrical time switch on a turret clock signed Selfe of</td>
<td>103</td>
</tr>
<tr>
<td>Greenwich by Chris McKay</td>
<td></td>
</tr>
<tr>
<td>...............................................................</td>
<td></td>
</tr>
<tr>
<td>Andersen, Søren &amp; Darnell, Poul</td>
<td></td>
</tr>
<tr>
<td>The history of Josiah Emery’s lever escapement gold watch No. 929</td>
<td>375</td>
</tr>
<tr>
<td>article</td>
<td></td>
</tr>
<tr>
<td>Antiquarian Horology and the environment by James Nye</td>
<td>124</td>
</tr>
<tr>
<td>Argentino, A. S. &amp; F. Armand Schwob trademark</td>
<td>56</td>
</tr>
<tr>
<td>Arnfield, Jim</td>
<td></td>
</tr>
<tr>
<td>Restoration of a musical clock</td>
<td>406</td>
</tr>
<tr>
<td>Arnold &amp; Dent of London chronometer maker</td>
<td>225</td>
</tr>
<tr>
<td>chronometer test results</td>
<td>376</td>
</tr>
<tr>
<td>Edward Dent's role in firm</td>
<td>225</td>
</tr>
<tr>
<td>astronomical clocks by</td>
<td></td>
</tr>
<tr>
<td>Caspar Buschman of Augsburg</td>
<td>343</td>
</tr>
<tr>
<td>movement details</td>
<td>351</td>
</tr>
<tr>
<td>Reinhold of Augsburg</td>
<td>343</td>
</tr>
<tr>
<td>Astronomisches Jahrbuch first volume</td>
<td>42</td>
</tr>
<tr>
<td>Attree, William</td>
<td></td>
</tr>
<tr>
<td>Ein Neues Uhrenformat Entsteht – Die Evolution Des Ulysse Nardin</td>
<td>404</td>
</tr>
<tr>
<td>kalibers 22/24&quot; book</td>
<td></td>
</tr>
<tr>
<td>automata</td>
<td></td>
</tr>
<tr>
<td>The Ship Automata Clocks of Vitascopes by Geoff Horner</td>
<td>557</td>
</tr>
<tr>
<td>Industries</td>
<td></td>
</tr>
<tr>
<td>musical table clock</td>
<td>111</td>
</tr>
<tr>
<td>balance cock, engraved ‘Massey Patent’</td>
<td>118</td>
</tr>
<tr>
<td>balance spring, glass, by Dent, Edward John</td>
<td></td>
</tr>
<tr>
<td>...............................................................</td>
<td>226-235</td>
</tr>
<tr>
<td>Barberet, watch</td>
<td>72</td>
</tr>
<tr>
<td>Barnard, William and Tyler, David</td>
<td>121</td>
</tr>
<tr>
<td>Pace and Parker of Bury St Edmunds</td>
<td></td>
</tr>
<tr>
<td>barometer</td>
<td></td>
</tr>
<tr>
<td>anonymous</td>
<td>294</td>
</tr>
<tr>
<td>Quare, Daniel of London, portable</td>
<td>318</td>
</tr>
<tr>
<td>Baronneau, François, tondi painter</td>
<td>78</td>
</tr>
<tr>
<td>Barr, Wendy, AHS secretary (outgoing)</td>
<td>271</td>
</tr>
<tr>
<td>Barrett, Katy</td>
<td></td>
</tr>
<tr>
<td>The lines which are so very fine: John Harrison, William Hogarth and</td>
<td>272</td>
</tr>
<tr>
<td>the trouble with drawing a line of Longitude</td>
<td></td>
</tr>
<tr>
<td>...............................................................</td>
<td></td>
</tr>
<tr>
<td>Bateman, Doug</td>
<td></td>
</tr>
<tr>
<td>further reading Bulletin of the British Sundial Society</td>
<td>137</td>
</tr>
<tr>
<td>report of BSS conference</td>
<td>286</td>
</tr>
<tr>
<td>................................. 434, 584</td>
<td>184</td>
</tr>
<tr>
<td>Bates, Keith</td>
<td></td>
</tr>
<tr>
<td>Early Clock And Watchmakers of The Blackssmiths’ Company book</td>
<td>400</td>
</tr>
<tr>
<td>Edward Dent and his glass Springs, letter to the Editor</td>
<td>430</td>
</tr>
<tr>
<td>...............................................................</td>
<td></td>
</tr>
<tr>
<td>Bawdyson, Alan, Royal clockmaker</td>
<td>330</td>
</tr>
<tr>
<td>bedchamber clock by Louis Ourry of Paris</td>
<td></td>
</tr>
<tr>
<td>...............................................................</td>
<td>486</td>
</tr>
<tr>
<td>Belknap, Geoff</td>
<td></td>
</tr>
<tr>
<td>Capturing Time: Photography and the Measurement of Time in the</td>
<td>556</td>
</tr>
<tr>
<td>Nineteenth Century</td>
<td></td>
</tr>
<tr>
<td>...............................................................</td>
<td></td>
</tr>
<tr>
<td>Belliat, Paul and Jacques, goldsmiths</td>
<td>76</td>
</tr>
<tr>
<td>bell-playing clocks -see musical clocks</td>
<td></td>
</tr>
<tr>
<td>Belmont, exhibition at Bonhams</td>
<td>31</td>
</tr>
<tr>
<td>Berollas, letter to the Editor by Phil Gurney</td>
<td>581</td>
</tr>
<tr>
<td>...............................................................</td>
<td></td>
</tr>
<tr>
<td>Bertucci, Paola</td>
<td></td>
</tr>
<tr>
<td>Artisanal Enlightenment: Science and the Mechanical Arts in Old</td>
<td>264</td>
</tr>
<tr>
<td>Regime France. Anthony, Turner, review</td>
<td></td>
</tr>
<tr>
<td>...............................................................</td>
<td></td>
</tr>
<tr>
<td>Betts, Jonathan</td>
<td></td>
</tr>
<tr>
<td>Curator Emeritus, National Maritime Museum</td>
<td>227</td>
</tr>
<tr>
<td>Museum, Greenwich</td>
<td></td>
</tr>
<tr>
<td>pioneering contemporary glass spring making</td>
<td>227</td>
</tr>
<tr>
<td>...............................................................</td>
<td>261</td>
</tr>
<tr>
<td>Obituary for Philip Woodward</td>
<td>176</td>
</tr>
<tr>
<td>Showtime at Oxnead, article</td>
<td>215-224</td>
</tr>
<tr>
<td>Bilclife, John, clockmaker</td>
<td>508</td>
</tr>
<tr>
<td>Billiard, Lewis, clockmaker</td>
<td>330</td>
</tr>
</tbody>
</table>
Bird, Derek, *Electrical timekeeping in social and economic life* .............. 269, 407
Birkle Bros., Ipswich, tavern clock ........ 308
Birmingham
  *Industrial clock manufacture in Birmingham before 1885* article by Peter Gosnell .................................................. 121
  School of Jewellery, Rory McEvoy, move to ................................................................. 183
Blacksmiths’ Company
  Register of Apprentice Binding ........ 205
  *Early Clock And Watchmakers of The Blacksmiths’ Company* book by Bates, Keith .................................................. 400
Block, Murray, letter to the Editor *Harry Henden* 1847-1937 ...................... 283-285
Boettcher, David
  *The evolution of the waterproof watch* .......................................................... 274, 406
  book review Philip T. Priestley, *British Watchcase Gold and Silver Marks 1670 to 1970* .................................................. 552
Bonbruict, Jean, Blois, France, watch .... 75
Bonneye, C. watch ................................. 74
books reviewed
  *Artisanal Enlightenment: Science and the Mechanical Arts in Old books* by Paola Bertucci ................................. 246
  *British Watchcase Gold and Silver Marks 1670 to 1970* by Philip T. Priestley ......................... 552
  *Chasing Time. Vintage Wristwatches For The Discerning collectors* by Alistair Gibbons .................. 403
  *Claggett: Newport’s Illustrious clockmakers*, by Donald L. Fennimore and Frank L. Hohmann III ........ 550
  *Early Clock and Watchmakers of The Blacksmiths’ Company* by Keith Bates ......................... 400
  *Ein Neues Uhrenformat Entsteht – Die Evolution Des Ulysse Nardin kalibers 22/24''* by William Attree ........ 404
  *Faszination Junghans – Sieben Jahrzehnte Armband uhren aus Schramberg* by Martin Fischer ........ 402
  *Having Time. Portable timekeepers before 1550* by Dietrich Matthes ........ 547

books reviewed continued
  *Innovation and Collaboration. The early development of the pendulum clock in
  London*, by Richard Garnier and Leo Hollis .................................................. 544
  *Marine Chronometers at Greenwich* by Jonathan Betts ................................. 261
  *Nuovo Dizionario degli Orologiai Italiani* by Enzo Turicchia ........ 265
  *The Beauty Of Time*, by François Chaille and Dominique Flechon ................ 394
  *The Illinois Watch and Its Hamilton Years* by Fredric J. Friedberg ........ 398
  *The Life and Work of Nicolas Hamilton*, by Ben Hordijk .............. 479
books (new)
  *Die Sonnenuhren des Landesmuseums Württemberg Stuttgart* Hamel, Jürgen and Musch, Irmgard .............. 266
  Bourbon, Sébastien, tondi enamel painter .................................................. 69-72
  *bracket clock* by
    *Carpenter, William* .................. 311
    *Clay, Charles of London* ........... 164
    *Colston, Richard of London* ........ 163
    *East, Edward of London* ............. 390
    *Frodsham, Charles of London* .......... 160
    *Fromanteel and Edward East* ........ 156
    *Fromanteel, Ahasuerus* ............. 181
    *Gaudron of Paris* ................... 170
    *Jackson, William of Frodsham Cheshire* .................................................. 306
    *Jones, Henry of London* .... 153, 388, 391
    *Knibb The Hamborg double-six grande-sonnerie* ........................................... 444
    *LeNoir, Estienne, France* ........... 6
    *Mudge & Dutton of London* .......... 161
    *Shelton, John of London* ........... 298
    *Stanton, Edward* .............. 174
    *Thomas, James of Chester* .......... 306
    *Tompion, Thomas of London* .... 173, 181
    *Underwood of London* .................. 154
    *Vulliamy of London* .................. 158
    *No.769* .................. 158
    *Wagstaffe, Thomas of London* ........ 314
    *Watson, Samuel of London* ........ 159

British Sundial Society
  *Bulletin* .................. 137, 286, 434, 584
  *conference report* .................. 184
ANTIQUARIAN HOROLOGY

Brown, Angus further reading Horological Journal ........................................... 139, 289, 437, 586
Brühl, Hans Moritz, Saxon ambassador ........ 47
Brusa, Giuseppe ............................................ 97
Bugge, Thomas, astronomer ..................... 375
Bulstrode, Jenny and Meek, Andrew
Edward John Dent's glass springs, archive and technical analysis combined
...................................................... 225
Bundock, Mike
Commemorative clock towers talk ........ 121
Burn marks
Burn marks letter to the Editor by Andrew King ...................... 134
Reply (to Chris Schouten) .............. 579
Buschmann, Caspar of Augsburg, astronomical clock ............. 343-357

C

Cadenas, A. S & F, Armand Schwob trademark ............................................. 56
Caldwell, J. E. & Co., retailer ............... 519
Calendar 2018 ........................................ 123, 408
Calendar 2019 ........................................ 558
calendar wall clock from Northern Ostrobothnia ................................. 420
Camerer Cuss, Terence, Usher & Cole workbooks, article ................... 368
Cameron, J. R., Liverpool
Symposiometer ........................................ 151
Capt, Henri in Genève, retailer ................ 510
Cardiff time balls .......................... 98
Cardinal, Catherine
New light on French enamel painting (1630–1660): tondi as models for the decoration of watches, article .......... 69
Jacques Goullons, master clockmaker, article ............................................. 185-201
Carinthian gothic clock ......................... 483
Carpenter & Westley, thermometer .......... 151
Carpenter, William, bracket clock ......... 311

Carriage clock by
Cole, Thomas ..................................... 168
Drocourt of Paris .................................... 172
No.11261 grande-sonnerie ................. 302
Frodsham, Charles, London ............. 160

Carriage clock by continued
Geneva Clock Company
No.637 ........................................ 362
No.10546 ........................................ 365

No.11588 ........................................ 362
No.54093 ........................................ 363
carriage watch by Goullons of Paris .... 198
Catillon, Jean, goldsmith .................. 76
Cérès, Armand Schwob trademark ......... 56-7
Chaille, François and Flechon, Dominique, The Beauty Of Time, book ................. 394-5
Chapman, Helen, new AHS secretary ...... 271
Château d’Antoing ......................... 522
Chatillon, Claude, engraving of Place Dauphine, Paris ............................ 188
Chittenden, Henry, invoice from .......... 371
Clare, Julia, The Geneva Fabrique .......... 122
Clay, Charles of London, bracket clock 164
Clemens, Michael, table clock ............. 381
clock and watch Fairs
Brunel ........................................ 270
Essex ........................................ 270
Midland ........................................ 270
West Country ................................ 270
Clockmakers' Company
Rough Court Minute book ................. 210
Collection and Archive, Anna Rolls
appointed Curator ......................... 324
Sir George White, retiring Keeper .... 324
clock towers, commemorative talk by Bundock, Mike ......................... 121
Closon, Peter of Holborn Bridge, lantern clock ........................................ 150
Clover, Reginald of Salisbury clock ...... 328
coach watch with alarm, anonymous .... 199
Cloutman, Edward and Coles, Brian
Customer Relationship Management best practice ......................... 269
Cobb, Kenneth, AHS East Anglian Section meeting report ......................... 570
Cole, James Ferguson of London .......... 295
Cole, Thomas of London carriage clock 168
Coles, Brian & Cloutman, Edward Customer Relationship Management best practice269
Colston, Richard of London, table clock 163
conference on Royal Clock Salt .......................... 326
Conference report, Innovations in Science, Technology and Navigation – The Legacy of the Massey Family and South-West Lancashire by S.B. de Save ............. 413, 561
Cooke of York, turret clock .............. 281

Coole, Philip, curator British Museum .. 353
Cooling, Louise, Timepieces in Victorian narrative painting article .............. 528
Cottrell, David, Making a Daniels-style tourbillon watch .................. 275
cow’s-tail clocks .......................... 384

Crick, Andrew
Breguet’s inventions, talk .............. 406

Curtis, Richard
AHS East Anglian Section meeting reports ........................................... 425

Cuss, Terence Camerer
Usher & Cole: chronometer postscript, letter to the Editor ...................... 579

D

Darnell, Poul, & Andersen, Sørø, The history of Josiah Emery’s lever escapement gold watch No. 929 article ............. 375

Davies, Emyr
Delivering a Timeline at St Fagans 122

Dawson, Percy, Award 2017, Valerie J. Finch, Adrian A. Finch and Anthony W. Finch .......... 124

de Clercq, Peter
Sixty years of AHS study tours article .................................................. 80

Déniz, Juan F.
The first transparent watch ............... 55

Dent and Parkinson work records ....... 368

Dent, Edward John, glass balance spring ................................................. 226-235

Dial Printing, talk by Mr Jones ........ 269

Dolan, Graham,
Royal Observatory Greenwich & Astronomy ........................................... 407

Dominique, Flechon see Chaille, François and Flechon, Dominique

Doppelmayr, Johann Gabriel, astronomer92

Draper Watch Co., Armand Schwob trademark ....................................... 56

Drocourt of Paris
‘Caldwell’ carriage clock .......... 519-523
‘Neave’ carriage clock .......... 54, 514-517, 527

carriage clock ........................................ 112

carriage clock No.11261 .......... 302

Drocourt’s porcelain tributes to Romantic Love and Royal Victory. Art-historical appreciation of rare carriage clocks by Larry L. Fabian .................................................. 513
du Guernier,
Alexandre, miniature-painter ...... 76

Jacques, miniature-painter .......... 76

Pierre, miniature-painter ............ 76

Dutfield, Stephen, Dell clock at Aberdare talk ........................................ 557

Edwards, Richard,
The English lever .......................... 556

Electric Telegraph Co. .................. 98
electrical time switch on a turret clock signed Selfe of Greenwich by Chris McKay .................................................. 103

Electrical timekeeping in social and economic life, by Derek Bird .......................... 269

Ellicott, John, regulator, month going ........................................ 393

Emery, Josiah
watch No.929 ......................... 375-379

watch No.939 .............................. 377

The history of Josiah Emery’s lever escapement gold watch No. 929 article by Darnell, Poul, & Andersen, Sørø. 375

Enamel painting of watches
ANTIQUARIAN HOROLOGY

article by Cardinal, Catherine .......... 69
Engelhardt, Ludwig watchmaker ............. 96
engraving of Notre Dame area ............. 493
engravings by Chatillon, Claude, Place Dauphine, Paris .................................. 188
engravings by Goullons, Jacques, the son of Paris ............................................. 194
Erghum, Ralph Bishop at Salisbury ........ 330
Erment, Jürgen
Pendulum Clocks in Germany from 1730 to 1940. Observatories, Astronomers, Standard Time Agencies and their Clocks – Volumes 2 and 4 by Fortunat F. Mueller-Maerki .. 113
Escapement, lever .............................. 50
drawing by Johannes Eulitz .............. 53
Eug Poitevin Sèvres-style porcelain ...... 521
Eulitz, Johannes
clock restorer ............................... 40
drawing of lever escapement ............ 53
Evans, Jeremy
Thomas Tompion, letter to the Editor .................................................. 580
Exhibition, Historic clocks at Bonhams 181

F
Fabian, Larry L.
Drocourt’s porcelain tributes to Romantic Love and Royal Victory. Art-historical appreciation of rare carriage clocks ........................................... 513
Fabrique Genevoise de Pendulettes ....... 366
Fara, Patricia Worlds without Clocks: Picturing Time in Science and Art ..... 406
Fennimore, Donald L. and Hohmann III, Frank L.,
Claggett: Newport’s Illustrious Clockmakers book .................................. 550
Finch, Adrian, Reply to Stuart Kelley’s letter to the Editor .................................. 133
Finland, Pendulum clocks of North West, lecture by Robin Hill ......................... 121
First transparent watch (The) by Juan F. Déniz ........................................... 55

Fischer, Martin, Faszination Junghans – Sieben Jahrzehnte Armband uhren aus Schramberg, book .......................... 402
Fischer, Johann Nepomuck, astronomer 45
Flechon, Dominique and Chaille, François, The Beauty Of Time, book .................. 394
Fragonard, Jean-Honoré, artist ............. 514
Frampton, Derek

Turret clocks and their makers ..... 121
Francis, Neil
AHS Wristwatch Group meeting reports 281
Franz Sales Filling, clockmaker .......... 36
French, Royal Exchange, London. 8-day pocket chronometer No.5184 .......... 303
Friedberg, Fredric J. The Illinois Watch and Its Hamilton Years book ..................... 398
Frishman, Bob
book reviews
Claggett: Newport’s Illustrious Clockmakers, by Donald L. Fennimore and Frank L. Hohmann III .......... 550
Horology in Milwaukee and Chicago .................................................. 182
The Beauty Of Time, by François Chaille and Dominique Flechon .................. 394
Frodsham, Charles & Co. Ltd............. 368
Frodsham, Charles, London
carriage clock ................................... 160
deck watch No.05115 ...................... 301
watch No.08158 ............................. 155
wall regulator No.838 ................. 315
Fromanteel and Edward East of London, table clock .................................... 156
Fromanteel, Ahasuerus of London
table clock ..................................... 181
wall clock ...................................... 156

further reading
Bulletin of the British Sundial Society by Doug Bateman ........ 137, 286, 434, 584
Chronomètrephilia by Peter de Clercq .................................................. 141, 437
Clocks magazine by John Robey ....... 137, 288, 436, 585
DGC Jahresschrift by Tabea Rude .......... 586
DGC Mitteilungen by Tabea Rude .......... 436
Horlogerie Ancienne (AFAHA Revue) by Sebastian Whitestone ........ 286, 432

further reading continued
Horological Journal by Angus Brown ........ 139, 289, 437, 586
Horological Science Newsletter by Doug Bateman .................................. 140
Klassik Uhren by Peter de Clercq .................................................. 142, 435
La Voce di Hora by Peter de Clercq .......... 141
TIJDschrift by Peter de Clercq ........ 438

603
G
Gamot, Grégoire of Paris watch by ……… 70
Garnier, Richard and Hollis, Leo
Innovation and Collaboration. The early
development of the pendulum clock in
London book …………………… 544
Gaudron of Paris, bracket clock ………. 170
Geneva Clock Company ………………… 361
carriage clock No.637 ………………… 362
carriage clock No.10546 ……………… 365
carriage clock No.11588 ……………… 362
carriage clock No.54093 ……………… 363
German Tour of June 1959 by Peter de Clercq
………………………………..……. 84
Gibbons, Alistair Chasing Time. Vintage
Wristwatches For The Discerning collectors
book ……………………………. 403
Girard, Jean, goldsmith …………………… 76
Glasy, John, AHS East Anglian Section
meeting reports …………………. 129, 276, 424
glass balance spring by Dent, Edward John
…………………………………….. 226-235
Gluch, Sibylle
Timing the stars: astronomers, clockmakers
and German precision horology around 1800
article ……………………. 34
Golden Number, definition of ………….. 347
Gosnell, Peter
Glass plate negatives, letter to the Editor
……………………………………. 283
Industrial clock manufacture in Birmingham
before 1885 …………………. 121
Gothic clock ………………………
Gothic Hausuhr by John A. Robey, article
………………………………………… 475-481

Gothic clocks by Liechti, Erhard, of Winterthur
……………………………………. 383, 477
Gottlieb, Haubold Georg, Mathematisch-
Physikalischer Salon, Dresden ………….. 37
Goullons of Paris
carriage watch …………………. 198-199
watch ……………………………. 70
enamelled watch …………………. 190-194, 199
probate inventories …………………. 200
ANTIQUARIAN HOROLOGY

The Life and Work of Nicolas Hanet book ............................................. 479
Horner, Geoff, The Ship Automata Clocks of Vitasope Industries ............................ 557
Horological miscellany ............................................................ 142
Horological News ............................................................... 30, 470
BSS conference ............................................................... 184
Buckinghamshire clocks .................................................. 182
Exhibition of historic clocks at Bonhams .............................................. 181
Horological Journal digitization of horology in Milwaukee and Chicago ..... 182
Royal clocks, a short film ..................................................... 182
Royal Observatory curator change .............................................. 183
Hory, Augustin, engraver ...................................................... 490
Hory, Jacques clockmaker .................................................... 490
Howard, E. & Co Boston pocket watch No.220854 ............................................. 112
Hoggrave-Graham, R. P. ...................................................... 328
Hudson, Edward, William Shortland the Elder of Stony Stratford, article .... 202-214
Huguenin clockmaker .............................................................. 45
Hugues Rime, mystery watch .............................................. 55
Hutchinson, Robin AHS Midlands Section meeting reports ................. 128, 275, 423, 569

J
Ignatz, Georg, in Eichstätt, clockmaker .. 36
Innovation & Collaboration exhibition report by Mat Craddock ......................... 472
Innovation & Collaboration The early development of the pendulum clock in London exhibition .................................................. 31
Israel, Nigel
An interesting case letter to the Editor ................................................. 135
Philip Priestley obituary ...................................................... 177

J
Jackson, William of Frodsham, Cheshire, bracket clock ......................... 306
James, Andrew, Henry Jones of London: his birth, marriage and family, article .... 108
Jean, André, clockmaker ......................................................... 490
Johannes Regiomontanus, astronomer ... 94
John Smeaton family from York and their horological connections. Part 1 – The York years by Chris Watson ............................................. 504
Johnston, Kenneth further reading Watch and Clock Bulletin ....................... 287, 433
Jolly, Josias of Paris, enamel watch ........................................ 217
Jones, Dial Printing, talk ...................................................... 269
Jones, Henry of London
bracket clock ................................................................. 153, 388-392
genealogical records ................................................. 109
Henry Jones, letter to the Editor by C. Stuart Kelley ............................................. 133
Henry Jones of London: his birth, marriage and family article by Andrew James .................................................. 108
monument at St. Dunstan’s, Fleet Street ........................................... 108
wall clock ................................................................. 223
Joyce of Whitchurch, turret clock makers .............................................. 327
Jumieges, Normandy, turret clock .............................................. 340

K
Kampe in Göttingen, clockmaker ............................................. 42
Kästner, Gotthelf Abraham, mathematician and astronomer ....................... 44
Kelley, C. Stuart, Henry Jones, mathematician and astronomer ...................... 133
Kennedy, Seth talk: Protecting the Mechanism: 350 years of watch cases and case making .................................................. 557
Kent Brothers Liverpool, Armand Schwob trademark ............................................. 56
Kersten, Paul, AHS Dutch Section meeting reports ............................................. 131, 426
Kessels, Heinrich Johann in Altona, chronometer maker .................................. 378
Kidson, William clockmaker ...................................................... 508
King, Andrew, Burn marks, letter to the Editor ................................................. 134
Knibb, Joseph of Hanslope association with William Shortland the Elder .......... 209-214
Knibb, Joseph of London longcase clocks ............................................. 267, 317, 390
The Hamburg grande-sonnerie bracket clock ............................................. 444

Knibb, Joseph of Oxford, longcase clock ............................................. 307
Knibb, Samuel, longcase clock ............................................. 156
Köhler, Johann Gottfried of Dresden, Astronomer ............................................. 34-35
letter to Hans Moritz von Brühl .... 49-50
longcase clock ................................................................. 36-40
König, Karl, astronomer ...................................................... 45
Kullberg, Victor, workbooks ..................................................... 368

L
ANTIQUARIAN HOROLOGY

McKay, Chris, An unusual electrical time switch on a turret clock signed Selfe of Greenwich .................................................. 103
Meek, Andrew and Bulstrode, Jenny, Edward John Dent’s glass springs, archive and technical analysis combined .......... 225
Melling, Anton, clock Collection ........................................... 359
Milbourne, Richard of London, lantern clock ........................................ 169

miniature-painters
  du Guernier, Jacques and Pierre ..... 76

Minting , Armand Schwob trademark .... 56
Mitchell, Arthur, obituary by Dr. James Nye ................................................................. 320
Moir, Cdr. F., A watch on a necklace, letter to the Editor ............................................. 582
Moon, John, obituary by Paul Tuck ...... 322
Moore, Dennis obituary by John Platt ... 321
Morpurgo, Enrico, portrait ................................. 95
Morse, Graham, Strange signature, letter to the Editor .............................................. 582

Mortimore Watch Co., Armand Schwob trademark .................................................................. 56
Mudge & Dutton of London, bracket clock ........................................................................... 161

Mueller Maerki, Fortunat F. book reviews
  Ein Neues Uhrenformat Entsteht – Die Evolution Des Ulysse Nardin kalibers 22|24'' by William Attree ............... 404
  Faszination Junghans – Sieben Jahrzehnte Armbrad uhren aus Schramberg by Martin Fischer .......... 4
  The Illinois Watch and Its Hamilton Years by Fredric J. Friedberg ............... 398
  Pendulum Clocks in Germany from 1730 to 1940, Observatories,

Mueller Maerki, Fortunat F. reviews cont.
  Astronomers, Standard Time Agencies and their Clocks – Volumes 2 and 4 by Jürgen Ernert ..................................... 113
  Museum profile: The Museum of Horology and Mechanical Music in Oberhofen, Switzerland ................................. 380

museums
  Milwaukee, Art Museum ................. 182
  London, British .............................. 227
  Nuremberg, Germanisches Nationalmuseum .......................................................... 471
  Milwaukee, Grohmann Museum .... 182

Oberhofen, Switzerland, Horology and Mechanical Music ............................................ 380
Irish Museum of Time .................................. 33
Württemberg, Landesmuseum .................. 344
Greenwich, National Maritime Museum ........................................................ 227
Chicago, Science and Industry ............. 228
London, Science .................................. 331
Denmark, Steno in Aarhus ................. 379
Rockford, Illinois, Time ....................... 228

musical clocks
  automaton table clock .................... 111
  definition ..................................... 244
  expense of ................................... 245
  melodies used ................................ 246-250
  numbers preserved ....................... 244
  programming of ............................ 245-246
  Restoration of, talk by Arnfield, Jim 406

mystery clock, Rousseau, Bras En L’Air 312
mystery watch, diagram .................................. 61

N
Nautical Magazine and Naval Chronicle, The ........................................... 225 - 241
NAWCC, Ward Francillon Time Symposium, Cars, clocks and watches .. 32
necklace
  A watch on a necklace, letter to the Editor by Cdr. F. Moita ............................ 582

New light on French enamel painting (1630–1660): tondi as models for the decoration of watches by Catherine Cardinal ........................................... 69

New light on Osborne and Wilson by John A. Robey ................................................ 251
New Time Keeper, Armand Schwob trademark ............................................... 56
Newport time ball .................................. 101

Northamptonshire & Buckinghamshire map ........................................... 206

Nye, James
  AHS Electrical Horology Group reports .................................................. 132, 279, 427
  Antiquarian Horology and the environment ............................................. 124

Obituaries
  Mitchell, Arthur (1929–2018) by Dr James Nye ........................................ 320
<table>
<thead>
<tr>
<th>Name</th>
<th>Author</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moon, John (1924–2018)</td>
<td>Paul Tuck</td>
<td>322</td>
</tr>
<tr>
<td>Moore, Dennis (1925–2018)</td>
<td>John Platt</td>
<td>321</td>
</tr>
<tr>
<td>Ponsford, Clive (1940–2018)</td>
<td>Trevor Waddington</td>
<td>178</td>
</tr>
<tr>
<td>Priestley, Philip (1936–2018)</td>
<td>Nigel Israel</td>
<td>177</td>
</tr>
<tr>
<td>Sandalls, Ken (1931–2018)</td>
<td>323</td>
<td></td>
</tr>
<tr>
<td>Smith, Nicholas (1935–2018)</td>
<td>Michael S. Potts</td>
<td>180</td>
</tr>
<tr>
<td>Woodburn, Anthony (1944–2018)</td>
<td>Tobias Birch</td>
<td>470</td>
</tr>
<tr>
<td>Observatory, University of London’s in Mill Hill</td>
<td></td>
<td>131</td>
</tr>
<tr>
<td>Odell, Professor Eddy, Ritchie sympathetic pendulum clocks and the Edinburgh Ring</td>
<td></td>
<td>407</td>
</tr>
<tr>
<td>Oestmann, Günther</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early watches—The argument over priority in Italy and Germany</td>
<td>article 92</td>
<td></td>
</tr>
<tr>
<td>Who was Clyde? letter to the Editor</td>
<td></td>
<td>431</td>
</tr>
<tr>
<td>Ollive, Thomas clockmaker tomb stone</td>
<td></td>
<td>572</td>
</tr>
<tr>
<td>Oriani, Barnaba astronomer</td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>Osborne &amp; Wilson, dial makers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>advertisement</td>
<td>252</td>
<td></td>
</tr>
<tr>
<td>business partnership</td>
<td>251-255</td>
<td></td>
</tr>
<tr>
<td>early production</td>
<td>254-255</td>
<td></td>
</tr>
<tr>
<td>partnership dissolution</td>
<td>258</td>
<td></td>
</tr>
<tr>
<td>longcase clock dials</td>
<td>254-256</td>
<td></td>
</tr>
<tr>
<td>Osborne, Samuel Goodwin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dial painter</td>
<td>253</td>
<td></td>
</tr>
<tr>
<td>partnership with James Wilson</td>
<td></td>
<td>252</td>
</tr>
<tr>
<td>Osborne, Thomas, dial painter apprenticeship</td>
<td></td>
<td>256</td>
</tr>
<tr>
<td>Ourry, Isaac, an apothecary</td>
<td>491</td>
<td></td>
</tr>
<tr>
<td>Louis, clockmaker</td>
<td>491</td>
<td></td>
</tr>
<tr>
<td>list of known clocks</td>
<td>501</td>
<td></td>
</tr>
<tr>
<td>Ourry, Louis (1643–1699). A Huguenot clockmaker in Paris and an early bedchamber clock from his workshop by Erik Wauters &amp; Chris Schouten</td>
<td>485</td>
<td></td>
</tr>
<tr>
<td>Oxnead, Showtime at, article by Betts, Jonathan</td>
<td></td>
<td>215-224</td>
</tr>
</tbody>
</table>
ANTIQUARIAN HOROLOGY

Patent US No.402,972 for glass dial watch ................................................................. 66-69
Paul, AHS Dutch Section Section reports .................................................................. 131, 426

Penney, David

English chronometer making: a different view .................................................. 556
Errata, letter to the Editor .......... 282
Peters, Cees and Selders, Johan Horloges van Duitse en Zwietsere Uurwerkmaekers en Miscellania, 1670–1910, book review by Wim van Klaveren .................................................. 113

Photography

Photography and the Measurement of Time in the Nineteenth Century lecture by Belknap, Geoff .......................................................... 556
Glass plate negatives, letter to the Editor by Gosnell, Peter ................................ 283
Pickel, Ignatz Balthasar, clockmaker .... 36
picture gallery .......................................................... 388-394
Pipes, Malcolm, Experiments in the workshop ......................................................... 407
plan of York. Print .................................................. 507
Platt, John, obituary for Dennis Moore . 321
Platt, Nigel, AHS Turret Clock Group meeting report ........................................ 280
pocket chronometer by French, Royal Exchange, London No.5184 8-day .... 303
Poerson, Charles miniature painter .... 69
pomander watches .................................................. 93
Ponsford, Clive see obituaries
Potts, Michael, obituary of Nicholas Smith ......................................................... 180
Powell, Edward, library notes .......................................................... 419

Preston, Joseph & Sons chronometer movement makers ........................................ 373
Priestley, Philip T.

British Watchcase Gold and Silver Marks 1670 to 1970 book .......................... 552
obituary by Nigel Israel ................... 177
Watch and Clock Bulletin ................................................. 138
Programme & Calendar .................... 121, 556
Programme Spring 2018 ......................... 121

Q
Quare, Daniel of London, portable barometer .......................................................... 318

R
Radage, Dennis Striking mechanisms of early spring clocks talk .................................. 407
Radage, Laila A talk about the creation of the book on Gretton talk .................... 407
Ramsay, David astronomical watch .... 156
Randall, Anthony

Glass Balance Springs, article in Horological Journal .......................................... 227
glass spring researches .... 227, 235, 237
Making and Testing Glass Balance Springs, article in Horological Journal ......................... 227
review of Marine Chronometers at Greenwich, by Jonathan Betts , 261-264
Spiraux de verre, article in Horlogerie ancienne .................................................. 227
The Time Museum Catalogue of Chronometers book ................................................ 228
Read, David A relic of the Gold Rush ... 112
Redfern, John, The Knibb clocks of the University of St Andrews and the Origins of the Tic-Tac Escapement .......... 367-406
Regulator, longcase, by Johann Heinrich Seyffert, Dresden ............................... 48
Regulator, wall by Frodsham, Charles, London No.838 ........................................ 315
Referees ........................................................................ 560
Reinhold of Augsburg astronomical table clock .................................................. 343, 351-354
Relic of the Gold Rush by David Read .. 112
Renaissance table clock, signed on the plate ‘Michael Clemens’ ............................. 381
Richardson Jim AHS Midlands Section meeting reports .......................... 276, 570
Rieppolt, Mattias, Regensburg, watches .. 70

Robey, John A.,

An early Gothic Hausuhr ......................... 475
further reading Clocks magazine ...... 288, 436
Salisbury, Wells and Rye clocks letter to the Editor ............................................. 577
New light on Osborne and Wilson, article .................................................. 251-258
Robinson T. R., horologist ......................... 327
Rolls, Anna appointed Curator of Clockmakers’ Collection and Archive .......................... 324
Rooney, David

Travelling With Time: Stories from the Greenwich Observatory ............ 122, 279
The Politics of Precision: Standard Time and Violent Protest ........ 269, 556
Rousseau Bras En L’Air Mystery clock .. 312
Roussel, Claude goldsmith ................................... 76
Royal Clock Salt clock ........................................ 326

609
Royal clockmaker, Alan Bawdyson .......... 330
Royal clocks, a short film .................. 182
Royal Observatory, Greenwich
  Astronomer Royal, George Biddel Airy
  ..................................................... 225
  chronometer trials ............................ 225-237
  papers held by Cambridge University Library
  ..................................................... 229
Rude, Tabea
  further reading DGC Jahresschrift .... 586
  further reading DGC Mitteilungen ... 436
Rye turret clock construction details ....
  ..................................................... 332-339

S
Sarrabat, Charles à Paris, watch .......... 70
Saint Teilo, bronze figure image ........ 259
Saint Teilo’s bell, note by Linnard, William
  ..................................................... 259
Salisbury Cathedral turret clock .... 328-339
  sand glass, anonymous .................... 219
Sandalls, Ken, obituary .................... 323
Scrooge, Jan Agges, estate documents . 246
Scrooge, Chris, The Buschmann Renaissance clock letter to the Editor . 578
Scrooge, Chris, and Wauters, Erik
  Louis Ourry, A Huguenot clockmaker in Paris and an early bedchamber clock from his workshop ........ 485
Schulze, Johann Karl, astronomer ........ 45
Schumacher, Heinrich Christian, astronomer
  ..................................................... 378
Scrooge, Armand & Frere ................. 56
  advertisement for ................................ 56
  mystery watches ............................ 61-64
  monstre minuscule advertisement .... 59
Scrooge, Abraham, Paris watch maker ... 55
Scrooge, Youngs, Keith
  Making a Turret Clock in the 14th Century
  ..................................................... 268
  Reply, letter to the Editor .............. 578
Scrooge, James, watchmaker, Glasgow
  ..................................................... 227, 235
Seamer, Abel, apprentice ................. 508
Seamer, Joseph, as apprentice .......... 508
Seamer, Peter, apprentice ................ 508
Seamer, William, watchmaker .......... 508
Seegrid, A. S & F Armand Scrooge trademark
  ..................................................... 56
Sellers, Johan and Peters, Cees Horloges van
  Duitse en Zwitserse Uurwerkakers en

610

VOLUME THIRTY-NINE

Miscellania, 1670–1910, book review by Wim van Klaveren .............................. 113
Sefte, Francis, Greenwich
  An unusual electrical time switch on a turret clock signed by Chris McKay 103
turret clock ................................ 103-107
  watch and clockmaker Greenwich 103-7
Seyffert, Johann Heinrich, Dresden
clockmaker ................................. 47
  precision pendulum clock ................. 48
  watch No.17 ................................. 51
  watch No.54 ................................. 51
Seyffert, Johann Hieronymus Schröter,
astronomer ................................. 47
Shah of Persia, portrait by Walery .......... 62
Sheldon, John of London, bracket clock 298
Shenton, Dr. Alan Award .................... 124
Shenton, Rita and Dr Alan, Netherlands Tour 1986 ................................. 87
Shortland, William the Elder
  apprenticeship .............................. 205, 213
  association with Joseph Knibb .... 209-214
  longcase clock ............................ 202-203
Settlement document ....................... 209
Shortland, William, son, of Stony Stratford
  ..................................................... 202-205
table of descendants ..................... 204
Shortland(William) the Elder of Stony Stratford
  (c. 1690-1744). A hitherto undocumented clockmaker, trained by Joseph Knibb at Hanslope by Edward Hudson
  ..................................................... 203 – 214

Showtime at Oxnead, article by Jonathan Betts
  ..................................................... 215-224
Sixty years of AHS study tours by Peter de Clercq ........................................ 80
Smeaton family tree ....................... 505
Smeaton, John of York ..................... 504, 508
  Indentures ................................. 510
  pendant watch, rock-crystal case .... 509
  watches .................................... 510
Smit, Jacob Levi, Dutch clock and watchmaker
  ..................................................... 246
Smith of Clerkenwell, turret clock .... 280
Smith, Barnaby, AHS South Eastern Section meeting report ............ 130, 277, 425, 571
Spaander, Melgert ......................... 328
Spaander, Melgert ......................... 113
Spacon, Melgert ............................ 245
Speake-Marin, Peter
  The Naked Watchmaker ............. 281, 407
Squier, John apprentice ................. 508
Stackfreed ................................. 94
Stanton, Edward, bracket clock ........ 174
### Table of Contents

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTIQUARIAN HOROLOGY</td>
<td></td>
</tr>
<tr>
<td>Steno Museum in Aarhus, Denmark</td>
<td>379</td>
</tr>
<tr>
<td>Struthers, Dr Rebecca</td>
<td></td>
</tr>
<tr>
<td><em>Fakes, forgeries and the birth of mass production in the European watch industry, 1750–1820</em></td>
<td>557</td>
</tr>
<tr>
<td><em>Tailor-made watches</em></td>
<td>556</td>
</tr>
<tr>
<td>Study session by Alan Treherne</td>
<td>567</td>
</tr>
<tr>
<td>Study Tour 2019 to Austria</td>
<td>560</td>
</tr>
<tr>
<td>Styrian Gothic clock</td>
<td>482</td>
</tr>
<tr>
<td>Suijs, Govert, estate documents</td>
<td>246</td>
</tr>
<tr>
<td>Sullivan, Gary R. and Van Winkle Keller, Kate</td>
<td></td>
</tr>
<tr>
<td>Suzanne Quineau’s shop map</td>
<td>494</td>
</tr>
<tr>
<td>Swelling, Jan van der Leiden, longcase clock</td>
<td>247</td>
</tr>
<tr>
<td>Switzerland, Oberhofen, The Museum of Horology and Mechanical Music</td>
<td>81</td>
</tr>
<tr>
<td>Sykes, Geoff, AHS Turret Clock Group Section reports</td>
<td>428</td>
</tr>
<tr>
<td>Symposiometer by Cameron, J R of Liverpool</td>
<td>151</td>
</tr>
<tr>
<td>Symposium at the Germanisches Nationalmuseum, Nuremberg</td>
<td>471</td>
</tr>
</tbody>
</table>

| Table clock by                                                      |      |
| anonymous, astronomical German                                      | 316  |
| Buschmann of Augsburg, astronomical                                 |      |
| .............................................................................................................. | 349  |
| Clemens, Michael, table clock                                       | 381  |
| Reinhold of Augsburg, astronomical                                  | 351  |
| Weydman, Lucas                                                     | 355  |
| tavern clock by                                                     |      |
| Birkle Bros. of Ipswich                                             | 308  |
| Lane, Henry of Bristol                                              | 162  |
| Tennant, Frances, death announcement                                | 471  |
| Texier, Laurent goldsmith                                           | 78   |
| thermometer by Carpenter & Westley                                 | 151  |
| Thomas, Darlah AHS Northern Section meeting reports                | 126, 273, 420, 568 |
| Thomas, James of Chester bracket clock                             | 306  |
| Thwaites workbooks                                                 | 368  |
| Tiffany & Co. retailer                                              | 510  |
| time balls                                                         |      |
| in Cardiff                                                         | 98-100 |
| in Newport                                                         | 101  |

| Welsh Time Balls, article by William Linnard                       | 557  |
| time gun, Swansea                                                  | 102  |
| Time Museum, Rockford, Illinois, U.S.A.228                        |      |
| Timepieces in Victorian narrative painting by Louise Cooling       | 528  |
| Timing the stars: astronomers, clockmakers and German precision horology around 1800 by Sibylle Gluch article | 34   |
| Tompion, Thomas of London, bracket clock                           | 173, 181|
| Tondi, pluri of Tondo                                              |      |
| Tondo, definition, round painting                                  | 75   |
| Top hits of the eighteenth century on bell-playing clocks, article by Lefeber-Morsman, Marieke | 244-250 |
| Toutin, Henri, watch case maker                                    | 492  |
| Toutin, Jean (I) goldsmith                                         | 492  |
| trade mark of the Geneva Clock Company                             | 361  |
| tradecard of R. B. Bate                                            | 120  |
| trademarks registered by Armand Schwob et Frère                    | 56   |

| Tuck, Paul, obituary for John Moon                                  | 322  |
| Turicchia, Enzo *Nuovo Dizionario degli Orologiai Italiani* book* | 265  |
| Turner, Anthony                                                    |      |
| *Translation of Jacques Goullons, master clockmaker, article*      | 185-201|
| review of *Janello Torriani and the Spanish Empire* by Cristiano Zanetti | 115  |
| review of *Artisanal Enlightenment: Science and the Mechanical Arts in Old Regime France* by Paola Bertucci | 264  |
| Turret Clock Forum                                                 | 32   |
| turret clock at                                                     |      |
| Rye church                                                         | 331  |
| Salisbury cathedral                                                | 328  |
| Wells cathedral                                                    | 297, 329 |
| turret clocks by                                                   |      |
| anonymous, Swiss                                                   | 384  |
| Cooke of York                                                      | 281  |
| Hartley, Thomas of Sussex                                          | 278  |
| Junieges of Normandy                                               | 340  |
| Moore, John & Sons                                                 | 281  |
| Paine, J. P. of Bloomsbury                                         | 103  |

T


Smith of Clerkenwell .................... 280
 turret clock illuminated .................. 103
 Tyler, David and Barnard, William, Peace and Parker of Bury St Edmunds .......... 121
 Tyrer, Steven, Wales & Marches Horological Society meeting report ............ 278, 425

U
 Underwood of London, table clock ........ 154
 University of St. Andrews .................. 267
 Usher & Cole
 offer to purchase from the Admiralty 372
 workbook entries ...................... 370, 373

V
 van Klaveren, Wim book review of Horloges
 van Duitse en Zwietsers Uurwerkmakers en
 Miscellania, 1670–1910 by Selders, Johan and
 Peters, Cees ............................. 113
 van Leeuwarden, Jacob in Haarlem watch
 .................................................. 72
 Van Winkle Keller, Kate see Sullivan, Gary R. and Van Winkle Keller, Kate
 Vauquer, Jacques engraver ................. 78
 Vauquer, Robert watch case maker ....... 74
 Venus, transit of 1874. Print ............... 554
 von Hardenberg, Georg Gottlieb Leberecht, astronomer ................................. 47
 von Zach, Franz Xaver, astronomer ...... 45
 Vulliamy
 bracket clock No.769 .................... 314
 mantel timepiece. No.647 ............. 299
 table clock .................................. 158

W
 Waddington, Trevor, obituary of Clive Ponsford .......................... 178
 Wagstaffe, Thomas, of London, bracket clock ............................................. 309
 Wales & Marches Horological Society
 24 March 2018 Delivering a Timeline at St
 Fagans by Emyr Davies .................. 122
 Tales from the Clock Tower by Andy Burdon
 .................................................. 122
 Travelling With Time: Stories from the
 Greenwich Observatory by David Rooney
 .................................................. 122
 16 June 2018 Customer Relationship
 Management best practice, by Ed Cloutman
 and Brian Coles ......................... 269
 London clockmakers, by Jon Parker
 .................................................. 269

VOLUME THIRTY-NINE

The EN V. Type F aero-engine, the story of a
7/2 scale replica, by Stephen Wessel
.................................................. 269

6 October 2018 Experiments in the
workshop, by Malcolm Pipes .......... 269

A talk about the creation of the book on
Gretton by Laila Radage ............... 407
Striking mechanisms of early spring clocks
by Dennis Radage ..................... 407
30 March 2019 Welsh Time Balls by Dr Bill
Linnard .................................. 557

Dell clock at Aberdare by Stephen Dutfield
.................................................. 557
Fakes, forgeries and the birth of mass
production in the European watch industry,
1750–1820 by Dr Rebecca Struthers
.................................................. 557
meeting report by Steven Tyrer
.................................................. 278, 425, 573
Walker, Allin, of Amsterdam, longcase clock
movement .................................... 250

Wall clock by
Fromanteel, Ahasuerus of London .... 156
Jones, Henry .................................. 223
calendar from Northern Ostrobothnia  420
Walton, Silas A Collected Man ........... 407

watch by
anonymous on a necklace painting . 582
Barberet .................................. 72
Bonbruict, Jean, Blois, France ...... 75
Bonnevye, C. .................................. 74
Emery, Josiah
No.929 ..................................... 375
No.939 ..................................... 377
Frodsham, Charles of London No.08158
.................................................. 155
Gamot, Grégoire of Paris .......... 72
Goullons, Jacques, Paris 70,190,199
Goullons, Jacques, (son) Paris .... 194
Goullons, Jacques, striking ........ 202
Gribelin, Nicolas, of Paris .......... 75
Hamilton, Jérôme, of Lignitz, Austria 72
Howard, E. & Co., Boston No.220854112
Jolly, Josias, of Paris .................. 217
Margotin, David, of Paris .......... 72
Patek Philippe, of Geneva ........... 165
Ramsay, David, astronomical ..... 156
Rieppolt, Mattias, of Regensburg ..... 70
Rime, Hugues, of Paris ............... 55
Sarrabat, Charles, of Paris .......... 70
Seyffert, Johann Heinrich, of Dresden
No.17 ....................................... 51
No.54 ....................................... 51

612
ANTIQUARIAN HOROLOGY
van Leeuwarden, Jacob in Haarlem ... 72
Weckherlin, Elias, Augsburg ............ 70
watch-case maker
Toutin, Henri ............................. 75
Jean II, Robert Vauquer ................. 74
Watch case making  talk by Seth Kennedy
.................................................................. 557
watches, enamelled ....................... 196-197
watch-maker
Goullons, Jacques ......................... 77
Zanner, Ignatius ........................... 36
Watson, Samuel of London, table clock 159
Wauchope, Captain Robert .............. 98
Wauters, Erik and Schouten, Chris Louis
Ourry, A Huguenot clockmaker in Paris and
an early bedchamber clock from his
workshop .......................................... 485
Weckherlin, Elias Augsburg watch by .... 70
Wells Cathedral, turret clock construction details
.................................................................. 332-339
Welsh time balls and time guns by William
Linnard ............................................. 98
Wearden, John
Internal Clocks and the Human Perception
of Time: History, Development, and Current
Status . 556
Westley & Carpenter, thermometer .... 151
Weydman, Lucas
clockmaker, Polish ......................... 357
table clock ...................................... 358
Wheeler, Thomas of London, lantern clock
.................................................................. 154
White, Sir George
The Clockmakers of London, second edition
reviewed by James Nye ........ 117 retiring
Keeper of the Clockmakers’ Company
collection ........................................ 324
White, Ian, AHS Southern Section meeting
reports ................................................ 277, 572
Whitestone, Sebastian
Time before the oscillator: horology in the
thirteenth-century manuscripts of the Libros
del Saber  lecture .............. 406
book reviews
Having Time. Portable timekeepers
before 1550 by Dietrich Matthes 547
The Life and Work of Nicolas Hanet, by
Ben Hordijk ....................................... 479
further reading
Horlogerie Ancienne .............. 286, 432
Early Longitude timekeepers, letter to the
Editor ............................................. 282
Wilson, James Osborne see Osborne
Wilson, James, dial painter ............. 257
Wollaston, Francis, astronomer ........... 43
Wotruba, Thomas R., The story behind the
Geneva Clock Company, their trademark JTC
and their miniature Swiss carriage clocks, article
.................................................... 361
Wood-Heath, David, Engine Turning
........................................................................ 268, 406
Woodman, Philip & Sons casemakers ... 369
Woodward, Philip (1919-2018)
dead announced ......................... 32
obituaries by Jonathan Betts & Ian White
..................................................... 176
wrist watch ........................................ 569
wrist watches by Longines ............ 166
Y
York, map of ..................................... 504
Z
Zanetti, Cristiano, Janello Torriani and the
Spanish Empire: a Vitruvian Artisan at the
Dawn of the Scientific Revolution reviewed by
Anthony Turner ......................... 115
Zanner , Ignatius, watch-maker ...... 36
INDEX
VOLUME XL
March 2019 to December 2019
VOLUME FORTY

PAGINATION OF ISSUES

One     March 2019 ................................................................. 1–148

Two      June 2019 ............................................................... 149–296

Three    September 2019 ...................................................... 297–444

Four     December 2019 ....................................................... 445–592

Index    ................................................................. 593–614

ISSN 0003-5785 © THE ANTIQUARIAN HOROLOGICAL SOCIETY 2020
A snapshot of the watchmaking industry in England through the lens of the 1881 census by Darlah Thomas ................. 36
The John Smeaton family from York and their horological connections. Part 2 – The Leeds years by Chris Watson ................. 59
Marine chronometers: the rapid adoption of new technology by East India captains in the period 1770–1792 on over 580 voyages by Simon C. Davidson ......................... 76
The clockmaker’s art in the service of crime: the so-called ‘Thomas disaster’ on 11 December 1875 in Bremerhaven by Günther Oestmann ......................... 92
Three medieval clockmakers: children of Mercury by William Linnard & John A. Robey ........................................ 102
David Ramsay, c. 1580–1659 by Adrian A. Finch, Valerie J. Finch and Anthony W. Finch ........................................ 177
Chronometers on the 1821–26 Royal Navy African Survey, by Stuart Jennings 200
Some further early clocks from Nuremberg by Dieterich Matthes and Rocío Sánchez-Barrios ........................................ 215
Bicentenary of the Car of History: A monumental chariot clock in the US Capitol by Juan F. Dénis ......................... 231
William Weichert of Cardiff: his time ball and chronometers by William Linnard 244
Museum Profile: Halim Time and Glass Museum, Evanston, Illinois by Bob Frishman ........................................ 253
Big Ben. What’s in the name? And a warning to researchers, by Chris McKay .................................................................. 260
Robert Savery, clockmaker of Taunton, Somerset (1788–1865) by Bill Edmondson ...................................................... 265
William Graham: clockmaker and man of his times by Ann McBroom ......................... 320
An early use of zinc in the compensation pendulum by Michael T. Wright ......................... 343
William Whitaker and William Shreeve: Dialmakers of Halifax, West Yorkshire by John A. Robey ........................................ 360
An unusual eight-day longcase clock with its original drawings, by Simon C. Davidson .................................................................. 377
Museum profile: The horological collection of the Museo Poldi Pezzoli in Milan ....... 384
The 1815 sale of Alexander Cumming’s property: some evidence from book history by Rebekah Higgitt ......................... 392
Loseby box chronometer No.104 by Phillip Arnott ........................................ 396
Was there high-quality, wholesale movement manufacture in seventeenth-century London? by Jon Parker ................. 469
Time before the oscillator. Horology in the thirteenth century manuscripts of the Libros del Saber by Sebastian Whitestone .................................................................. 487
Carriage clock porcelain. Artistic pedigrees hiding in plain view by Larry L. Fabian 501
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dividing plates and wheel-cutting machines: some seventeenth-century evidence</td>
<td>Anthony Turner</td>
<td>514</td>
</tr>
<tr>
<td>Mathurin Sougé: An early French <em>pendule religieuse</em> with Dutch striking design</td>
<td>Sunny Dzik and Wim van Klaveren</td>
<td>525</td>
</tr>
<tr>
<td>Museum profile: clocks in the Zuylenburgh collection in Utrecht</td>
<td>Doug Bateman</td>
<td>536</td>
</tr>
<tr>
<td>Children of Mercury: an addendum</td>
<td>William Linnard &amp; John A. Robey</td>
<td>545</td>
</tr>
<tr>
<td>Picture Gallery: A turret clock postcard of 1929</td>
<td></td>
<td>398</td>
</tr>
</tbody>
</table>
INDEX TO VOLUME FORTY
Compiled by Edward Powell
Page numbers in bold denote an illustration

A
Adkins, Richard of Coventry, watch polisher .......................................................... 53
Adler Planetarium, Time of our Lives: Sundials of the, book by Sara J. Seheenker ........................................................................ 554
AHS, AGM 2019 The Life, Work and Context of Alexander Cumming ........... 114
AHS, AGM 2020 and Election of Members to Council ............................................. 564
AHS, Chairman’s 2019 AGM address .................................................................. 403
AHS, Minutes of the Sixty-fifth AGM 2019 ................................................................. 405
AHS, Dutch Section meeting report by Paul Kersten ........................................... 128
AHS, East Anglian Section meeting reports by
  Ian Coote .......................................... 127
  John Glasby ................................. 126, 282, 426, 571
  16 March 2019, English chronometer making: a different view by David Penney ............................................................................. 116
  11 May 2019, Commemorative Clock Towers by Mike Bunock ..................... 116
  20 July 2019 Bring and discuss ...... 275
AHS, Electrical Horology Group meeting reports by James Nye
  .......................................................................................... 129, 293, 427, 575
  16 March 2019, The Ship Automata Clocks of Vitascope Industries by Geoff Horner ............................................................................. 117
  8 June 2019, Bring and discuss ...... 117
  16 November 2019, visit to the Shellmex clock ................................................. 401
AHS, London lecture meeting reports by
  Mat Craddock ...................................... 411
  S. B. de Save ..................................... 278, 567
  18 July 2019, The Nature of Uniqueness Between Vintage and Modern Wristwatch Markets by Andrew Hildreth ................................................................. 113
  14 November 2019, Lecellers and Latten Workers—Some Light Among the Lanterns on Lothbury by James Nye and Caitlin Doherty ................................................................. 399
  16 January 2020, The remarkable city career of Aynsworth Thwaites by Keith Sebie-Youngs ................................................................. 559
  12 March 2020 The Art and Mystery of Watchmaking by David Thompson . 560

AHS, London lecture Series 2020 ........... 564
AHS, London lecture Series new venue 558
AHS, Midlands Section meeting reports by
  Jim Richardson ............................... 281
  Robin Hutchinson 125, 281, 425, 571
  6 April 2019 A day out in Warwickshire ................................................................. 116
  1 May 2019, Clockmaking in England and Wales in the 20th century by Dr. Bill Wolmuth ............................................................................. 116
  5 June 2019, J. B. Joyce of Whitchurch or T. Cooke & Sons of York by Darlah & Steve Thomas ................................................................. 116
  7 September 2019, Day out in Oxfordshire ............................................................. 275
  2 October 2019, Clock dial restoration by Elena Allen ........................................ 275, 400
AHS new publications
  From Celestial to Terrestrial Timekeeping Clockmaking in the Bond Family by Don Saff ................................................................. 112
  Synchronome: Masters of Electrical Timekeeping 2nd edition by Robert Miles ............................................................................. 566
  The Majesty of the Chinese-Market Watch by Dr Ian White ................................ 111
AHS News, Antiquarian Horology and the environment ........................................... 278
AHS, Northern Section
  10 May 2019, Tailor Made Watches by Rebecca Struthers ............................... 16
  11 October 2019, The true origins of the wristwatch by David Boettcher .......... 400
  12 April 2019, The Restoration of a George Pyke Organ clock by John Harrold ............................................................................. 116
  12 July 2019, Inventor and Mechanic, Edward Massey’s contribution to Navigation by Andrew King ........................................ 275
  13 December 2019, Christmas social. Theme – Horological Ephemera .......... 400
  13 September 2019, Clocks with Automata, Mainly for the Chinese Market by Ian White ................................................................. 275
  14 June 2019, The Untold Story of British Jerome by Peter Gosnell ............. 116
  25 September 2019, 50th Anniversary: All day Event at Lyme Hall ................ 275, 400
AHS, Northern Section continued
8 November 2019, Visit: BHI HQ & Museum of Timekeeping .................. 400
9 August 2019 American Clocks by John Taylor ........................................ 275
meeting reports by Darlah Thomas ............................................................. 124, 280, 424, 568
AHS Secretary’s note ................................. 564
AHS, South Eastern Section
6 April 2019, The Politics of Precision: Standard Time and Violent Protest
1884–1914 by David Rooney .............. 116
1 June 2019, Birmingham Jewellery Quarter by Rebecca Struthers ............. 116
3 August 2019, The Clockmakers
Company Museum by Anna Rolls .... 275
5 October 2019, AGM ............................ 400
5 October 2019, Some Interesting Longcase Clocks by S. Doerr ............ 400
7 December 2019, Floral Clocks by Mike Bundock .............................. 400
meeting reports by Barnaby Smith ............................................................. 127, 283, 426, 572
AHS, Southern Section
30 March 2019, Singing Bird Boxes by Philip Gale ................................ 117
4 May 2019, West Dean Clock Students presentations .......................... 117
1 June 2019, Visit to The Clockworks, London ..................................... 117
14 September 2019, Clocks versus Wristwatches, a brief analysis of their respective markets by Ben Wright .... 401
7 December 2019, Christmas meal & meeting ......................................... 401
meeting reports by Ian White ............................... 573
AHS, Study Tour 2019 reports
Geimüller Schlössel by Tabea Rude 412
Golling Castle Museum by Paul Tuck ....................................................... 419
Gras clock tower by Derek Frampton ...................................................... 416
Kremsmünsters Mathematical Tower by Chris McKay .................. 419
Night Watchman Tour, Steyr by David Brown ..................................... 418
Salsburg Glockenspiel by Chris McKay .................................................. 421
Schloss Eggenberg by David Brown ......................................................... 417
Schloss Hellbrunn by David Brown .......................................................... 422
Steyr and the Schnollgruber Iron Clock Museum by John Pither .......... 417
Uhrenstube Aschau by John Robey .......................................................... 415
University of Vienna Observatory by James Nye .................................... 413
AHS, Study Tour 2019 reports continued
Vienna Kunsthistorisches Museum by Jon Colombo .......................... 414
Vienna Uhrenmuseum by James Nye ....................................................... 413
AHS Study Tour 2019 to Austria ................................................................. 412
AHS Study Tour 2020 to Italy ................................................................. 565
AHS, Turret Clock Group
12 October 2019 Walking tour of the City of London, Ian Coote .......... 576
29 June 2019 bring and discuss ................................................................. 117, 276
meeting report by Geoff Sykes ........................................... 428
meeting report by Ian Coote ................................................................. 576
AHS, Wristwatch Group
meeting reports by
Neil Francis ........................................ 293
Johan ten Hoeve ........................................ 129
Alan Shenton Award to Juan F. Déniz .................................................. 406
alarm clock by Zeidlmayr of Vienna .................................................. 313
Alfonso X, portrait ................................................................. 488
Allen, Elena 2 October 2019 Clock dial restoration, lecture ............... 275, 400
Altar clock with carillon ................................................................. 388
Altenstetter, David, astronomical table clock in silver case ............. 415
American Clocks by John Taylor ............................................... 275
armillary sphere from codex 156 in Complutense University ............ 489
Arnold & Lewis of Manchester, No.2990 pocket chronometer .......... 155
Arnold, John Roger of London
marine chronometers
No.393 ................................................................ 21
No.323, No.498, No.503, No.1870 ......................................................... 231
No.1891, No.1970 ................................................................. 85
location of Nos.11, 15, 72, 234, 518 ......................................................... 85
regulator No.1 .............................................. 537
arrow mark of Sebastian Lehr of Nuremberg .................................. 222
Aschau, Uhrenstube, report by John Robey ........................................ 415
astrolabe
latitude plate drawing ........................................... 491
Musa, spherical ........................................ 494
astronomical clocks by
Altenstetter, David ........................................ 415
Gaudron, Antoine ........................................ 538
598
astronomical watch by David Ramsay .... 186
Augsburg cruciform clock ................. 458
automata clocks
  Calmel, Pierre of Rochefort, French
    industrial ...................................... 314
  chariot clock, Southern Germany ...... 385
  Church of our Lady in Nuremburg ...... 215
  Eve, Richard, longcase .................... 257
  Heuß, Jörg of Nuremberg ............... 215
  Horner, Geoff, The Ship Automata
    Clocks of Vitascope Industries, lecture
    .................................................. 117
  White, Ian, Clocks with Automata,
    Mainly for the Chinese Market, lecture
    .................................................. 275
automaton butterfly watch by Piaget &
  Meylan of Geneva ......................... 301
Aylward, John of Guildford, longcase clock
  movement details ............................. 480

B
back cocks
  construction of, on a longcase clock re-
    signed for Robert Seignior ............ 480
  on Burgis movement ....................... 481
  on William Clement movement ........... 480
  on Robert Seignior movement .......... 480
Bammert, Karl of High Street, Worcester,
  watchmaker ................................. 40
banjo clock by Lemuel Curtis .......... 259
Barker, Daye, bracket clock ............. 257
Barker, William of Wigan, longcase clock
astronomical equation clock ............ 257
barograph clock by Alexander Cumming
  .................................................. 115
barometer, cartel, by Passemant au Louvre
  .................................................. 169
Barraud of London,
  marine chronometers
  No.2/853 ....................................... 4
  No.10, No.517, No.618 ................. 209, 213, 230
Barter, Alexander, The Watch, a Twentieth-
  Century Style History, book review ..... 557
Bateman, Doug
  Bulletin of the British Sundial Society,
    further reading ......................... 137, 287, 436, 580
  Clocks in the Zuylenburgh collection,
    Utrecht, museum profile ................ 536
  Horological Science Newsletter, further
    reading ........................................ 138, 584
Bates, Keith, Once again Thomas Tompion,
  letter to the Editor ........................ 131
Beesley, Edward of Prescot, watch
  movement manufacturer .................... 45
Beilby & Hawthorn of Halifax, false dial
  maker ........................................... 374
bell (Great) of Westminster .............. 261
Bell, Richard of the Longbowstringmakers
  Company ........................................ 323
bell-repeating watch by Dutens of London
  .................................................. 420
Bengerter, Louis C. of Wardour Street,
  Westminster, watchmaker ................ 40
Bernasconi, Gianenrico and Huguenin,
  Régis, L’Heure pour tous, une montre pour
    chacun: un siècle de publicité horlogère,
    book review .......................... 555
Berthoud, Ferdinand of Paris
  month-going regulator .................... 258
  mantel clock .............................. 169, 457
Besson, Jacob of Lyon, cross-beat drive,
  diagram ......................................... 228
Bickley family of Coventry, watch dial
  makers ........................................ 52
Bion, Nicolas, wheel-cutting engine ...... 521
Birmingham Jewellery Quarter, lecture by
  Rebecca Struthers ......................... 116
Birt, David E., obituary by Chris McKay.. 31
Blagg, Andrew, Early lever pallet frames,
  letter to the Editor ........................ 578
  blue plaques for George Rice and Philip
    Cohen ........................................... 47
Boettcher, David, The true origins of the
  wristwatch, lecture ......................... 400
Bonanni, Pietro, sculptor, portrait .... 234
books reviewed
  L’Heure pour tous, une montre pour
    chacun: un siècle de publicité
    horlogère, edited by Régis Huguenin and
    Gianenrico Bernasconi ................... 555
  L’Invention du luxe: Histoire de
    l’industrie horlogère à Genève de 1815
    à nos jours, by Pierre-Yves Donzé ... 110
  Mechanics of Time. Clocks and watches
    of the Medeiros e Almeidas collection,
    by Fernando Correia de Oliveira and
    Paulo Anastáció .......................... 552
  The Watch, a Twentieth-Century Style
    History, by Alexander Barter .......... 557
  Time of our Lives: Sundials of the Adler
    Planetarium, by Sara J. Schechnner . 554
  bookplate of Henry Hale Graham ........ 339
  Boteler, Thomas, Delagoa Hut, painting 203
  Boule, André Charles, astronomical
    religieuse clock case .................... 538
  Bouquet, David of London, enamelled watch
    ............................................. 389
  Bourdin of Rue de la Paix 28, Paris, carriage
    clock ........................................ 456
Boyall, Ellen of Louth, watchmaker .......... 50
bracket clocks by
anonymous Chinese style .................. 255
Barker, Daye of Wig An .................. 257
Bray, Thomas, musical .................. 257
Burgis, Edward .......................... 474
Carpenter, William, musical .............. 256
de Saint-Germain, Jean-Joseph of Paris,
musical ............................................ 16
Delander, Nathaniel of London .......... 462
Du Chesne, Claudius of London ............. 451
musical bracket .......................... 13
Dutton, Matthew of London No.347 .... 316
Evans, Diego ............................... 255
Evrill, James of Bath ...................... 446
Gardner, Thomas of London .............. 315
Green, Jos. of Northshields ............... 308
Higgs, Robert of London .................. 257
Joyne, J. of Paris ........................... 538
Klingenburger, J. B. of Amsterdam .... 538
Knibb, Joseph of London .................. 148
Landreau of Amsterdam ................... 538
Leclerc, Philippe Célestin of Brussels ....
...................................................... 453
LeNoir, Estienne ........................... 6, 154, 306
Markham, Markwick ...................... 255
Mudge, Thomas & Dutton, William of
London, No.183 ............................. 153
Norton, Eardley, musical ................. 265
Quare, Daniel and Horseman, Stephen
...................................................... 17
Quare, Daniel of London
...................................................... 150
No.218 ................................ 167, 171
Reinnaert, Christyaen of the Hague .. 163
Rimbault, Stephen ........................ 255
Threlkeld, William of London .......... 168
Thuret ..................................... 540
Tompion, Thomas of London
Barnard ..................................... 466
Pelham, No.545 ........................... 444
Q-clock, No.222 ........................ 170, 297, 318, 307
Vulliamy, B. L., silver-cased .............. 257
Ward, Robert of London, musical ...... 256
Bragg, William, English Watch Company,
Birmingham .................................. 44
Brass plaque, engraved Wm. Tomlinson 472
Bray, Thomas, bracket clock, musical .. 257
Breguet et Fils, carriage clock No.179 ... 460
Breguet, Abraham-Louis of Paris, automatic
winding watch .................................. 389
Bremerhaven, quay at the lock to the New
Harbour ........................................... 92

Brenner, Steffen of Nuremberg, table clock
.......................................................... 218
Brenner, Steffen of Copenhagen .......... 218
Brodie, John of Wooler, County Durham,
longcase clock with Crystal Palace painted
on dial .............................................. 373
Brown, Angus, \textit{Horological Journal}, further
reading .............................................. 141
Brown, David, 2019 Study Tour reports
\textit{Schloss Eggenberg} ....................... 417
\textit{Schloss Hellbrunn} ...................... 422
\textit{The Night Watchman Tour, Steyr} .... 418
Bruns, Friederic of Bremen, clockmaker 98
Bull, Randolph, Royal Clockmaker ...... 183
Bundock, Mike
\textit{Commemorative Clock Towers}, lecture
...................................................... 116
\textit{Floral Clocks}, lecture .................. 400
Burd, Edward, obituary by Howard Walwyn
...................................................... 79
Burgis, Edward, bracket clock ........... 474, 476
Burnburg, Fuchs, replica timer mechanism
...................................................... 100
Bury St Edmunds, stolen clock recovered
...................................................... 467

C
Calme, Pierre of Rochefort, French
industrial automaton clock ................. 314
Calver, Bren, \textit{Early balancing techniques},
letter to the Editor .......................... 579
candle clock in the \textit{Libros del Saber} ... 497
candle alarm clock by Zeidlmayr of Vienna
................................................................ 313
Cardiff Fine Arts & Industrial Exhibition
1870 .................................................. 248
Carpenter, William, bracket clock, musical
...................................................... 256
carriage clock by
anonymous .................................... 432
Bourdin, of Rue de la Paix, Paris ....... 456
Breguet et Fils No.179 ..................... 460
Garnier, Paul of Paris .................... 457
Grove of London, No.9799 .............. 165
Guillaume, Alexander of London, No.861
................................................................ 309
Lefrand of Paris ............................ 302
McCabe, James of London, No.2946 .... 459
Oudin ........................................... 162
Parkinson & Frodsham of London ....... 172
Pompeii ....................................... 502
Sewill, with chronometer escapement
...................................................... 25
Tiffany of New York ....................... 502
carriage clock panels signed L. Simonnet .................................................. 510, 511
cartel clock, Martinot à Paris ................................................................. 169
Carter, John of Cornhill of London, longcase clock ................................. 371, 377
Carter, Thomas of Clerkenwell, watchmaker ............................................. 56
Caunt family tomb and picture ................................................................. 262
Caunt, Ben, boxer ......................................................................................... 263
Chadwick, William W. of Coventry, watch jeweller .................................. 46
Champion, William of Bristol, patent zinc processing .................................. 346
chariot clock with automata, Southern Germany ......................................... 385
Charles, William J. of London, dial maker ................................................. 46
Chinese style bracket clock ......................................................................... 255
Chinese market
Clocks with Automata, Mainly for the Chinese Market by Ian White ............. 275
chronometer, pocket
Abraham–Louis Breguet of Paris ................................................................. 390
No. 72 recorded in Log of the William Pitt ................................................ 83
chronometer springs by Usher & Cole ....................................................... 445
chronograph, Smith, S & Son ....................................................................... 20
Clarkson, Thomas of Halifax & Leeds clock-dial painter ............................... 372
Clement, William, back cock ....................................................................... 480
Clerkenwell Benevolent Society ................................................................. 56
Clock and Watchmakers Asylum, Colney Hatch, Hertfordshire .................... 54
table of occupants ....................................................................................... 55
clock hands signed John Davis of Windsor .................................................. 475
clock stolen from Bury St Edmunds recovered report by Alex McWhirter ........ 467
clockmakers punchmarks .......................................................................... 222
Clockmakers Company ................................................................................ 54
Past Masters
Andrew James .................................................................................. 464
Professor Paul Jarrett ............................................................................ 464
The Clockmakers Company Museum, lecture by Anna Rolls ......................... 275
clocks and clockmakers in medieval manuscript .......................................... 103, 546
clockmaking
Clockmaking in England and Wales in the 20th century by Dr Bill Wolmuth 116 coach watch by le Roy, Julien of Paris ................................................................. 14
Cohen, Philip of Coventry watch manufacturer ........................................... 44, 45
blue plaque ................................................................................................. 47
Cole, Thomas
desk compendium for Hunt & Roskell of London ........................................ 310
diamond shaped strut timepiece ................................................................. 156
Colombo, Jon, Vienna Kunsthistorisches Museum, 2019 Study Tour report .... 414
compensated pendulum see under pendulum compensated
Complutense University, armillary sphere in codex 156 ............................. 489
Congreve, William, regulator with detached escapement ............................. 10
Constable, Richard, German watchmakers in the 1881 Census, letter to the Editor 430
Cook, Thomas, shop ................................................................................. 41
T. Cooke & Sons of York by Darlah & Steve Thomas .................................... 116
Coomans, Diana of Paris, artist ................................................................. 503
Fruit seller, painting ..................................................................................... 504
Coomans, Illya of Paris, artist ...................................................................... 503
Self-Portrait painting .................................................................................... 503
ingraving after Illya Coomans ...................................................................... 506
Coomans, Joseph, artist .............................................................................. 503
Children, painting ....................................................................................... 503
The Last Hour of Pompeii—the House of the Poet, painting ......................... 504
Coote, Ian
AHS East Anglian Section meeting report .................................................... 127
AHS Turret Clock Group meeting report ..................................................... 576
Correia de Oliveira, Fernando and Anastácio, Paulo, Mechanics of Time.
Clocks and watches of the Meideiros e Almeidas collection, book review ....... 552
Coster, Salomon, front plate views of clocks ................................................ 533
Coster, Salomon, Dutch wall clock .............................................................. 539
count wheel from a longcase signed John Aylward of Guildford .................... 480
Couriéul, Gabriel of Paris, gilt-bronze mantel clock ....................................... 258
Courvoisier of Paris, mantel clock .............................................................. 166
Coventry Watchmakers Association .......................................................... 56
Coventry Watchmaking Heritage Trail blue plaques for George Rice and Philip Cohen ................................................................. 47
Craddock, Mat
London lecture meeting report ..................................................................... 411
book review The Watch, a Twentieth-Century Style History, by Alexander Barter .................................................................................. 557
cruciform clock, Augsburg ............................................................................ 458
Crystal Palace on longcase clock by John Brodie of Wooler, County Durham .... 373
Cumming lectures, report by S. B. de Save .................................................. 407
Cumming, Alexander, FRS ......................................... 114
barograph clock .............................................. 115
cylinder escapement drawing .............. 115
Curtis, Lemuel, girandole banjo clock ... 259
Cuss Camerer, Terence, Usher & Cole, letter to the Editor ........................................... 579

D
Dachluhr by Christof Golling of Vienna, grande sonnerie ...................... 151
Dalrymple, Alexander, Hydrographer, East India Company .. 80
portrair .............................................................. 82
Daniels, George, Space traveller 1 watch ........................................... 290
Das Thomas’sche Höllenuhrwerk see
Thomas’s infernal clockwork
de Clercq, Peter further reading
Chronométrophilia ........................................... 439
La Voce di Hora .................................. 290, 438
TIJDschrift .................................................. 290, 429
Mechanics of Time. Clocks and watches of the Medeiros e Almeidas collection 
................................................................... 552
de Heck, Gerard, engraver ................ 188, 189
de Mey, François, table clock .............. 538
de Saint-Germain, Jean-Joseph of Paris bronzier mantel clocks ................. 257
bracket clock, musical ......................... 16
de Save, S. B.
London lecture meeting reports 278,568
Cumming lectures report .................. 407-410
deaths reported of
Hadfield, George ......................... 318
James, Andrew ......................... 464
Jarrett, Professor Paul .................... 464
Degenaar, Bert, picture .................. 536
Delander, Daniel of London longcase clock No.15 .................. 296
Delander, Nathaniel of London, bracket clock ......................................... 462
Dennistoun, John of Halifax clock-dial painters ........................................... 372
Dent, of 61 Strand, London No.57740 wall regulator .................. 8, 157
Desborough, Jane, Science museum, London, Science City gallery .................. 465
Dervall, Mary of Birmingham, watch chain worker ........................................ 38
dial of an experimental regulator 1 dialmaker, William Shreeve of Halifax .................. 360, 364
dials by William, Whitaker
for Henry Fisher of Preston .......... 362
for Holdsworth of Halifax .......... 364
for I. Richardson Lancaster .......... 366
for Beilby & Hawthorn .......... 368
Diana Coomans, Fruit Seller, painting .. 407
Dieudon, François, Dutch-style hammer striking ..................................... 527
Dilger, Aslof of Clerkenwell, watchmaker 40
Dilger, Emil of Clerkenwell, master watchmaker ..................................... 40
Dilger brothers watch and clockmakers in London, photograph ................. 431
dividing plate, third quarter of the sixteenth century .................................. 519
Dodwell, Matthew of Coventry, watch and jewel maker .................. 46
Doherty, Caitlin and Nye, James, Lecellers and Latten Workers—Some Light Among the Lanterns on Lothbury, London lecture .......................................................... 399
double universal projection or Azafea plate in the Libros del Saber .................. 493
Douglas, William II. of Stourport, clockmaker ......................................... 43
Drielsma, Maurice of Toxteth Park, watch manufacturer ......................................... 50
Drielsma, Sarah of Toxteth Park, watch manufacturer ......................................... 50
Du Chesne, Claudius of London bracket clock ........................................... 451
bracket clock, musical ....................... 13
Dutch striking mechanism in the clock by Mathurin Souègé .................. 526
Dutens of London, bell-repeating watch 420
Dutton, Matthew of London No.347 bracket clock ....................................... 316
Dutton, William, drop dial wall clock ... 450

E
East India Company ship approaching Spithead in 1797 painting ................. 77
East, Edward, petite-sonnerie longcase clock movement .................. 486
Eddystone lighthouse .......................... 486
Éggenberg Schloss, 2019 Study Tour report by David Brown ........ 417
Ehrhardt, William of Birmingham .. 44, 45
Elizabeth Tower of Westminster .... 264
Equation of Time table printed for William Graham .................. 324
esapements
  cross-beat drive ................................ 228
  cylinder, drawing, Cummings .................. 115
detached ....................................... 10
  half-deadbeat .................................. 67
Evans, Diego, bracket clock .................. 255
Eve, Richard, longcase clock musical with
avтомата and astronomical dial ............... 257
Evill, James of Bath, bracket clock ............. 446
Exchequer Accounts books entries ................ 188
exhibition, The Luxury of Time: Clocks
  from 1550-1750, National Museum of
  Scotland ........................................... 319

F
Fabian, Larry L.
  Image request, letter to the Editor .. 432
  The Neave Clock, letter to the Editor 133
Fakes, forgeries and the birth of mass
  production in the European watch
  industry, 1750–1820, lecture by Dr.
Rebecca Struthers ................................ 117
falseplate used by Whitaker & Shreeve . 375
Firderer, John of Birmingham, watchmaker
  .................................................. 41, 432
Floral Clocks by Mike Bundock .................. 400
Fopitt, Samuel of Edmonton, Middlesex,
  watch jeweller .................................. 46
Frampton, Derek, 2019 Study Tour report
  The Graz clock tower ......................... 416
Francis, Neil, AHS Wristwatch Group
  meeting report ................................. 293
Franzoni, Carlo, sculptor ......................... 232
Franzoni, Giuseppe, sculptor ...................... 235
Frauen Preis, Johann of Dresden, square
  form watch ..................................... 420
Fredericks, Leonard of Staffordshire,
  watchmaker ..................................... 41
French, marine chronometers No.1640,
  No.1809 ........................................... 213
French clocks with Dutch-style striking by
  Diederon, François .............................. 527
Hubert, Jean ....................................... 527
Sougé, Mathurin ................................... 527
Frodsham, Charles of London, marine
  chronometer No.2519 .......................... 158, 452
  Fromanteel & East of London, cubic grande
  sonnerie gilt table clock ....................... 319
  Fromanteel of London, longcase clock . 537
Fuchs, Johann Ignatz of Leipzig, turret
  clock maker
  portrait ........................................... 95
  sketch of movement ........................... 97

further reading
Bulletin of the British Sundial Society
  by Doug Bateman .............. 137, 287, 436, 580
Chronométrophilia by Peter de Clercq
  .................................................. 439
Clocks magazine by John Robey
  .................................................. 140, 288, 437, 585
DGC Jahresschrift by Tabea Rude
  .................................................. 133, 582
DGC Mitteilungen by Tabea Rude
  .................................................. 136, 436
Horlogerie Ancienne (AFAHA Revue) by
  Sebastian Whitestone .......................... 285, 433
Horological Journal by Angus Brown
  .................................................. 141, 289, 438, 586
Horological Science Newsletter by Doug
  Bateman .......................... 138, 584
Klassik Uhren by Tabea Rude . 136, 434
La Voce di Hora by Peter de Clercq
  .................................................. 290, 438
TIJDSchrift by Peter de Clercq
  .................................................. 290, 429
Watch & Clock Bulletin
  by Kenneth Johnston .............. 138
  by Russell Bartmes .... 286, 434, 581
fusee chain manufacturer, Fred Hart of
  Christchurch ..................................... 45

G
Gaillard, Jn. of Rouen, No 337 watch ........ 7
Gale, Philip, Singing Bird Boxes, lecture117
Gardner, Thomas of London, bracket clock
  .................................................. 315
Garlick, Thomas of Newbury, clockmaker
  .................................................. 43
Garnier, Paul of Paris, carriage clock .... 457
Gaudron, Antoine, astronomical religieuse
  with case by André Charles Boulle ........ 538
Geymüller Schlössel, report by Tabea Rude
  .................................................. 412
Gillett and Johnston, turret clock ............. 544
Glassby, John, AHS East Anglian Section
  meeting reports ............................ 126, 282, 426, 571
Glasius, Erik
  Museum of Morbier clocks, Düsseldor,
  letter to the Editor ................................ 132
  obituary for Jaap Zeeman ..................... 30
  globe clocks by
  Heiden, Christian of Nuremberg 226, 227
  Timby, Theodore ................................ 259
  Goldsmiths and Jewellers see Troup, John
  Golling Castle Museum, 2019 Study Tour
  report by Paul Tuck .......................... 419
H

Haddell, James of Coventry, watch manufacturer ........................................... 46
Hadfield, George, death reported ................................................................. 318
Halifax, Square Independent Chapel ......................................................... 365
Halim, Time & Glass Museum, Illinois ..................................................... 253
Harries, David, obituary by Ben Wright ..................................................... 32

Harrison, Isabella of Hexham, Northumberland, watchmaker .................. 38
Harrold, John, The Restoration of a George Pyke Organ Clock, lecture ........ 116
Hart, Fred of Christchurch, fusee chain manufacturer .............................. 45
Hartley, John of York
clockmaker ................................................................. 69
8-day regulator ................................................................. 73
Hartley, A., regulator ......................................................... 68
Hartley, John & Smeaton, John, regulator ................................................. 74, 75
Hawley, John of Coventry, watch maker .................................................. 52
Hewitt, George of Coventry, watchmaker 43
Hewitt, Thomas Peter of Prestcot, Keyless watch movement manufacturer 45
Higgs, Robert of London, bracket clock .................................................. 257
Hildreth, Andrew
London lecture 18 July 2019 The Nature of Uniqueness Between Vintage and
Modern Wristwatch Markets ................................................................. 113
photo of ......................................................................................... 113
Hill, Rowland of Coventry, watch manufacturer ........................................ 45
Hindle, Henry of York
longcase clock ................................................................. 350, 356
observatory regulator, Smeaton design .................................................. 68
pendulum details ................................................................. 352, 353
Holmes, John, clockmaker ................................................................. 65
Hopkins, Charles of Coventry, watch manufacturer .................................. 46
Hordijk, Ben, Victor Kersing, Rob Memel, Hans van den Ende Jr., Innovation &
Collaboration, letter to the Editor ....................................................... 130
Horlogers et horlogères à Besançon, 1793–1908. by Joëlle Mauerhan ............. 109
Horological Journal, further digitisation 565
Horner, Geoff, The Ship Automata Clocks of Vitascope Industries, lecture ................................................................. 117
Hubert, Jean, Dutch-style hammer striking .................................................. 527
Huguenin, Régis and Bernasconi, Gianenrico, l’Heure pour tous, une montre
pour chacun: un siècle de publicité horlogère, book review .......................... 555

604
Hunt & Roskell of London, Thomas Cole
desk compendium .................................... 310
Hurst, Bertram Lawrance, obituary by
James Nye ................................................ 28
Hutchinson, Robin, AHS Midlands Section
meeting report ........................................ 125, 281, 425, 571
Huygens, Christiaan, presents his pendulum
clock to Louis XIV .................................. 529
Hyams, Abraham of Mile End, Middlesex,
watchmaker ........................................... 38

I
Imberry, Otto of Hulme, Manchester, watch
and clockmaker ...................................... 40
Indexes, call for volunteers to prepare . 278
Iron table clock, Nuremberg .................. 220

J
Jacques, Arthur M., of Stourport, apprentice
.................................................................. 43
James, Andrew, death reported ............ 464
Janvier, Antide, 15-day regulator with three
movements .............................................. 258
Japanese chamber clocks ..................... 259
Jarrett, Professor Paul, death reported . 464
Jerome
The Untold Story of British Jerome by
Peter Gosnell ........................................ 116
Joel, Lewis of Coventry, watch
manufacturer ........................................ 45
Jones, Henry of London, lantern clock . 298
Johnston, Kenneth, further reading Watch
& Clock Bulletin .................................... 138
Jonnard, Paul, A Daughter of Cleopatra
painting .................................................. 509
Joyce, J. B.
J. B. Joyce of Whitchurch by Darlah &
Steve Thomas ....................................... 116
Joyne, J. of Paris, Dutch bracket clock 538
Judge, John of Hampstead, watchmaker . 43
Jump of London, travelling timepiece ... 447

K
Keith, Alexander, portrait ...................... 94
Kersing, Victor, Rob Memel, Hans van den
Ende Jr., Ben Hordijk, Innovation &
Collaboration, letter to the Editor ...... 130
Kersten, Paul, AHS Dutch Section meeting
report ................................................... 128
Khalaf astrolabe rete in the Libros del Saber
.............................................................. 493
Kiefer, Robert of Camberwell, watchmaker
.............................................................. 39
King, Andrew, Inventor and Mechanic,
Edward Massey’s contribution to
Navigation, lecture ................................ 275
King, Thomas of Coventry, watch jeweller
......................................................... 43
Kleigser, Marse, apprentice watchmaker 40
Klingenburg, J. B. of Amsterdam, bracket
clock .................................................... 538
Knibb, longcase clock at St. Andrews,
drawing of the movement ............... 123
Knibb, Joseph of London, bracket clock 148
Knight, Michael of London, longcase clock
.......................................................... 457
Krauth, Frederick of Birmingham,
watchmaker ............................................ 39

L
Landreau of Amsterdam, bracket clock 538
Lahore astrolabe rete after Khalaf ........ 494
Langelaan, James of Godalming,
watchmaker ............................................ 39
lantern clocks
anonymous with alarm .......................... 152
Jones, Henry of London ...................... 298
Lantern clocks with original balances,
letter to the Editor by John Robey .. 133
Levellers and Latten Workers—Some
Light Among the Lanterns on Lothbury
by James Nye and Caitlin Doherty .. 399
laterndluhr by Anton Pohl of Vienna ... 299
Latrobe, Benjamin, Henry Boneval, portrait
.......................................................... 232
Lawrence, Edward, apprentice watchmaker
......................................................... 50
Lawrence, Teft, watchmaker .............. 50
le Roy, Julien of Paris, striking coach watch
......................................................... 14
Le Roy, Pierre of Paris, gilt-bronze mantel
clock .................................................. 258
Leclerc, Philippe Célestin of Brussels,
bracket clock .......................................... 53
Ledger associated with the Arnold marine
chronometer No.323 ............................ 208
Leeds, panorama from 1700 .................. 59
Leeds, outline map of c 1680 .............. 60
Lefebvre, Jules Joseph, Sercant Girl,
painting ............................................... 512
Lehr, Sebastian of Nuremberg
  grave ........................................... 224
  pendant watch with arrow mark .... 223
  punchmark ..................................... 222
Leroy, L, & Cie of Paris, miniature carriage
  clock ........................................ 12
Leroy, Theodore Marie, watch ............. 20
Lefrand of Paris, carriage clock .......... 302
LeNoir, Estienne, bracket clock 6, 154, 306

letters to the Editor

  Benjamin Huntsman by Chris McKay
    .................................................. 285
  Early balancing techniques by Bren
  Calver .......................................... 579
  Early lever pallet frames by Andrew
    Blagg ........................................ 578
  George Morton by John Griffiths .... 429
  German watchmakers in the 1881
  Census by Richard Constable .... 430
  Image request by Larry L. Fabian ... 432

letters to the Editor continued

  Innovation & Collaboration by Hans
  van den Ende Jr., Ben Hordijk, Victor
  Kersing, Rob Memel ...................... 130
  Lantern clocks with original balances
    by John Robey ............................. 133
  Museum of Morbier clocks, Düsseldorf
    by Erik Glasius .......................... 132
  Once again Thomas Tompion by Keith
    Bates ........................................ 131
  Rye Clock by Chris McKay ............ 130
  The Neave Clock by Larry L. Fabian 133
  Usher & Cole by Terence Camerer Cuss
  .................................................. 579
  William Moraley, London by Paul Tuck
  .................................................. 579
  Lewis, Edmund of Philadelphia, clockmaker
  .................................................. 331
  Library notes by Edward Powell ...... 410
  Lieutaud Balthazar clock case by ...... 258
  Linbury gallery, Science museum, London
  .................................................. 465
  Lindenast, Sebastian of Nuremberg ..... 216
  Lintzen, Adam of Nuremberg, journeyman
  .................................................. 217
  London and Westminster in 1754 map . 185
  Longbowstringmakers Company, Richard
    Bell ........................................... 323
  longcase clocks by
    Aylward, John of Guildford ........... 480
    Barker, William of Wigan ............. 257
    Brodie, John of Wooler, County Durham
    .................................................. 373

longcase clocks by continued
  Carter, John of Cornhill, London
  .................................................. 377
  Clement, William ............... 480
  Delander, Daniel of London, No.15 .. 296
  East, Edward petite-sonnerie ......... 486
  Eve, Richard, musical with automata
  .................................................. 257
  Fromanteel ................................ 537
  Graham, George of London
  .................................................. 257
  No.645 ................................ 15
  month going Pitt ........................ 592
  Graham, William ........... 320, 322, 326
  Hindley, Henry of London . 68, 350, 356
  Knibb, clock at St. Andrews .......... 123
  Knight, Michael of London .......... 457
  Lough, Hugh of Penrith, musical ... 454
  Markwick, Jacob of London ........... 11
  Moore, William of London ............ 26
  Tompion, Thomas of London .......... 159
  No.241 ................................ 305
  Wilder, Joshua ......................... 259
  Windmills, Joseph of London ....... 169

longitude calculation
  by Dead reckoning .................. 87
  by the lunar distance method .... 87
  Loseby, box chronometer No.104 396, 397
  Lough, Hugh of Penrith, musical longcase
clock .......................................... 454

M

  Mallon, George of Stourport, apprentice . 43
  manuscript (medieval) on clocks and
  clockmakers ............................... 103, 546
  mantel clock by
    Berthoud, Ferdinand of Paris .. 169, 457
    Courieult, Gabriel of Paris ........ 258
    Curvoister of Paris ................ 166
    Le Roy, Pierre of Paris .............. 258
    Mesnil of Paris .......................... 258
    Ravrio, André-Antoine of Paris ..... 258
  Margetts
    marine chronometers No.97, No.163,
    No.223 ................................ 230
    astronomical watch .................. 543
    mark ascribed to Hanns I. Grimm of
    Nuremberg .................................. 222
    Markham, Markwick, bracket clock ... 255
    Marks, Solomon & Samuel at 101 Rothsay
      Terrace, Cardiff, instrument makers .... 245
    Marlow, Charles J. H. of Coventry, watch
      manufacturer 45
marin chronometers by
Abraham–Louis Breguet of Paris ...... 390
African Survey of 1821–26, used on 200
Arnold & Lewis of Manchester, No.2990

........................................................................... 155
Arnold, John of London
No.323, No.498, No.503, No.1891,
No.1870, No.1970 ......................... 231
Barraud of London
No.2/853 ........................................... 4
No.10, No.517, No.618 ........ 209, 230
East India Company ships using
chronometers ...................................... 80
French, No.1640, No.1809 .......... 213
Frodsham, Charles of London, No.2519

........................................................................... 158, 452
Loseby No.104 ................................. 396
Margets No.163, No.223, No.97 .... 230
Pennington, James of Cornhill, London
No.202 ............................................ 449
recorded in Log of the William Pitt
(Nos.54 and 86) ......................... 83
Sewill, chronometer carriage clock ... 25
Vulliamy, Benjamin Lewis of London
No.1363, No.1364 ......................... 169
Watkins, Alexander of London ........ 23
Weichert, William of Cardiff, Nos.2227,
2261, 2312, 7276 ........................ 248, 249
Yonge, George of London, No.6303 . 231
Markwick, Jacob of London, longcase clock
.................................................... 11
Martincourt, Etienne of Paris, bronzier 258
Martinot, Barnaby of Paris ............ 187
Martinot, Denis, clockmaker to Henry IV of
France ............................................. 183
Martinot of Paris, cartel clock ....... 169
Martlew, Richard of Ormskirk, moon dial
..................................................... 370
Massey, Edward
  Inventor and Mechanic, Edward
Massey’s contribution to Navigation by
Andrew King ................................. 275
Mayers of Southwark
  Martin, watchmaker ................. 40, 430
  Matthew, watchmaker ............. 40
  Stephen, watchmaker ............. 40
McCabe, James of London, No. 2946
carriage clock ............................. 459
McKay, Chris
  Benjamin Huntsman, letter to the
Editor ............................................. 285
  Kremsmünsters Mathematical Tower,
report ........................................... 419
obituary for David E. Birt ........... 31
  Rye Clock, letter to the Editor .... 130

McKay, Chris continued
  The Salsburg Glockenspiel, report . 421
McWhirter, Alex, report of recovery of a
clock stolen from Bury St Edmunds ...... 467
Memel, Rob, Hans van den Ende Jr., Ben
Hordijk, Victor Kersing, Innovation &
Collaboration, letter to the Editor ....... 130
Mercer, Thomas J. of Coventry, watch
manufacturer ................................... 46
Mercury clock in the Libros del Saber .. 498
Mesnil of Paris, mantel clock ........... 258
Middleton, Aaron of Philadelphia
clockmaker .................................. 333
Miles, Robert, Synchronome: Masters of
Electrical Timekeeping 2nd edition ...... 566
miniature pendant watch by Hans Gruber
Nuremberg ...................................... 222
Mitchell, George of Halifax, clock-dial
painter ............................................ 372
Molyneux, Robert of London, regulator ... 3
Monstrance clock, Andreas Rabe of
Hamburg ........................................ 387
Moore, William of London, longcase clock
Morley, William of London
clockmaker ................................... 331
  William Morley, London, letter to the
Editor by Paul Tuck ...................... 579
  Morbier clock Museum, Düsseldorf,
letter to the Editor by Glasius, Erik .... 132
Morton, George
  watch No.1887 .............................. 429
  George Morton, letter to the Editor by
  John Griffiths .............................. 429
Mudge, John FRS ............................. 65
Mudge, Thomas ............................ 65
Mudge, Thomas & Dutton, William of
London, bracket clock No.183 .......... 153
Müller, Charles Louis, A Harem Serving
Girl, picture ................................. 511
Musa spherical astrolabe .............. 494
museum profile
  Clocks in the Zuylenburgh collection in
Utrecht by Doug Bateman .............. 536
  The horological collection of the Museo
Poldi Pezzoli in Milan ........................ 384
museums
  Austria, Golling Castle ............. 419
  Clockmakers Company Museum, The
lecture by Anna Rolls ................... 275
  Düsseldorf, Morbier clocks .......... 132
  Edinburgh, National Museum ...... 319
  Illinois, Halim Time & Glass ....... 253
  London, Science museum
  Clockmakers Company Museum,
lecture by Anna Rolls ................. 275
museums continued
  Linbury gallery .................................. 465
  Science City .................................... 465
  Milan, Poldi Pezzoli ............................ 384
  Newark, BHI Timekeeping ..................... 400
  Steyr, Schmollgruber Iron Clock .................. 417
  Utrecht, Zuylenburgh collection ............... 536
  Vienna, Kunsthistorisches ...................... 414
  Vienna, Uhrenmuseum .......................... 413
musical clocks
  automaton clock, Chinese market .................. 161
  bracket clock by
    Bray, Thomas .................................. 257
    Carpenter, William .............................. 256
    de Saint-Germain, Jean-Joseph of Paris .............. 16

N
NAWCC 2020 symposium notice ........... 465
Neave Clock, letter to the Editor .......... 133
Newey, George Jabel Fredrick of York, turret clock .................. 398
Newsome, Isaac J. T. of Coventry, watch manufacturer, first president of the Watch Trade Association .................. 45
Newton, John working in London dial clock .................................. 304
Nielsen, Sophus Emil of London, watchmaker .................. 46
Norris, Henry J. of Coventry, watch manufacturer .................. 46
Norton ironworks
  picture ............................................ 260
  casting of the Great Bell of Westminster .................................. 261
Norton, Eardley, musical bracket clock 265
Nuremberg
  map showing export of clocks and clockmaker knowledge .................. 230
  Symposium report by Anna Rolls .......................... 464
  castle, painting ..................................... 220
Nye, James
  Bertram Lawrance Hurst obituary ........ 28
  Bob Miles obituary .................................. 174
  Chairman’s AGM address report ................ 403
Levellers and Latten Workers—Some Light Among the Lanterns on Lothbury
  London lecture .................................... 399
University of Vienna Observatory 2019 Study Tour report .......... 413
Vienna Uhrenmuseum 2019 Study Tour report .................. 413

O
obituaries
  Birt, David E. (1926–2018) by Chris McKay .................................. 31
  Burd, Edward (1938–2018) by Howard Walwyn .................................. 29
  Harries, David (1922–2018) by Ben Wright .................................. 32
  Hurst, Bertram Lawrance (1934–2018) by James Nye .................. 28
  Miles, Bob (1926–2019) by James Nye .................................. 174
  Tennant, Mary Frances (1927–2018) by John Griffiths .................. 33
  Zeeman, Jaap (1935–2018) by Erik Glasius .................................. 30
Observatory in University of Vienna, 2019 Study Tour report by James Nye ........ 413
Oosterwijck, Severijn, front plate views of clock by .................................. 533
organ clock
  The Restoration of a George Pyke Organ Clock by John Harrold ........ 116
  ostrich fan watch, Geneva .................................. 9
  Oudin, travelling clock .................................. 162

P
Palace of Hours Clock in the Libros del Saber .................................. 496
Parkinson & Frodsham of London carriage clock .................................. 172
Pascal, Claude of Hague, front plate views of clock .................................. 533
Passemant au Louvre, cartel barometer .................................. 169
Pattison, John of Halifax, clockmaker .................. 360
Pearson, Isaac of Burlington West Jersey clockmaker .................................. 333
Pearson, Revd Dr William, horologist .................. 344
Peckridge, Charles of London, clockmaker .................................. 328
Peckridge, Moses of London, clockmaker .................................. 328
Pendleton family of Prescot, watch-hand makers .................................. 52
pendulum
  compensated by John Smeaton .................. 66
  compensating trapezoid .................................. 380
  compensation by John Ellicott .................. 345
  compensation methods diagram .................. 348
Penney, David, English chronometer making: a different view, lecture .... 116
**ANTIQUARIAN HOROLOGY**

Pennington, James of Cornhill, London.
chronometer No.202 .......................... 449
Pennsylvania Abolitionist Society, Seal of ............................................. 340

Percy Dawson Medal
  2017 to Prof. Adrian Finch and his
  father Anthony ................................ 406
  2018 to Edward Hudson ................ 406
Pettit, William, clockmaker ................. 187
Philadelphia Cityscape ..................... 331
Patek Philippe of Geneva
enamelled watch ............................. 301
watch .............................................. 9
Piguet & Meylan of Geneva butterfly
musical automaton watch .................. 301
Pither, John, Steyr and the Schmoll-gruber
Iron Clock Museum, 2019 Study Tour
report ............................................. 417
Pitt, William, page from ships log .......... 83
planetarium in Zuylenburgh collection in
Utrecht ........................................... 541
Pohl, Anton of Vienna, Laterndluhr .... 299
Pompeii, depicted on carriage clock .... 502
Potts, William, of Leeds, watch and clock
manufacturer .................................... 46
Prescot Watch Trade Association ........ 56
Preston family of Prescot, watch hand
makers ............................................ 52
Primavesi, F. at James Street, Bute Docks,
Cardiff, chronometer maker ............ 245
Puckridge, Moses and Charles, clockmakers ................................. 328
 punchmarks of
  Grimm, Hans I. of Nuremberg .... 222
  Gruber, Hans of Nuremberg .... 222
  Zeltner, Hans of Augsburg .... 222
Puppet-Player in Pompeii, painting .... 506
Pyke, George
  *The Restoration of a George Pyke Organ
  Clock* by John Harrold ................. 116

**Q**
Quare, Daniel and Horseman, Stephen,
bracket clock ................................... 17
Quare, Daniel of London
  bracket clocks ............................. 150, 167
  No.218 bracket clock ................... 171
Quilliam, Robert of Liverpool, wholesale
watch manufacturer ....................... 45

**R**
Raab see Rabe
Rabe, Andreas of Hamburg, Germany,
monstrance clock ........................... 387
609
Ramsay of Colluthie, family tree ........... 178
Ramsay, David
  apprenticeship entry ........................ 176
  star shaped watch ....................... 149, 190
  table clock, horizontal ............... 184
Ravrio, André-Antoine of Paris, mantel
clock ........................................... 258
Read, Charles of Coventry, watch
manufacturer .................................. 46
referees ........................................... 567
regulators by
  Arnold, John Roger of London, No.1 537
  Dent of London No.57740 wall regulator
  .................................................. 8, 157
  experimental ................................ 1
  Hartley, John of York ................. 75
  Janvier, Antide, 15-day regulator with
    three movements ..................... 258
  Riefler No. 712 Type A3 ............... 19
Reinnaert, Christiaen of Hague, bracket
clock ........................................... 163
rete – skeletonised star map .......... 491
rete from the *Book of the Flat Astrolabe* 491
Rice, George of Coventry, watchmaker,
blue plaque ................................. 47
Richard of Wallingford clock, replica ... 255
Richardson, Charles
  apprentice to Isambard Kingdom Brunel
  .................................................. 378
  longcase clock design ................... 371
Richardson, Jim, AHS Midlands Section
meeting report ............................... 281
Riefler regulator No. 712 Type A3
movement .................................... 19
Rigg, Edward, *English Watch trade*, lecture
..................................................... 37
Rihill, Albert John of Moretonhampstead,
Devon, watchmaker ....................... 43
Rimbault, Stephen, bracket clock ........ 255
Robey, John,
  further reading Clocks magazine
  .................................................. 140, 288, 437, 585
  *Lantern clocks with original balances*,
  letter to the Editor ........................ 133
  Uhrenstube Aschau, report ........... 415
Robinson, Joseph Henry of Toxteth, enamel
dial manufacturer .......................... 46
Rogers, Arthur of Liverpool, watchmaker
Manufactured watch cases .................. 46
Rolls, Anna, *The Clockmakers Company
Museum*, lecture ............................ 275
Rooney, David, *The Politics of Precision:
Standard Time and Violent Protest 1884–
1914*, lecture ............................... 116
Roque, John, Plan of the Cities of London and Westminster and Borough of Southwark ............................................. 515
Rose, Matthew of Prescot, watch frame maker ................................................. 43
Rotherham, John of Coventry, watch manufacturer ............................................. 43-45
Rude, Tabea further reading
   DGC Jahresschrift ................ 133, 582
   DGC Mitteilungen ................. 136, 436
   Klassik Uhren ................. 136, 434
   Geymüller Schlössel, report .......... 412
Russell, Alfred H. of Liverpool, watch maker ............................................. 45
Rye Clock, letter to the Editor by Chris McKay ............................................. 130
SAff, Don, From Celestial to Terrestrial Timekeeping Clockmaking in the Bond Family, book ............................................. 112
Saggerson, Thomas of Prescot, watch wheel manufacturer ............................................. 46
Salzburg Glockenspiel .................. 422
Sarjant, Robert of London, clockmaker 330
Savery, Robert of Taunton, Somerset, clockmaker ............................................. 265
memorial ............................................. 266
Schechner, Sara J., Time of our Lives: Sundials of the Adler Planetarium, book ............................................. 554
Schellhammer, Gallus of Nuremberg, watchmaker ............................................. 216, 217
drum-shaped table clock .............. 216
table clock ............................................. 217-8
Schierwater, Amandus of Garston, Liverpool, watchmaker ............................................. 39
Schlissler, Christophorus of Augsburg, Germany, pendant timepiece .................. 387
Schloer, Johann Sigmund of Regensburg, square form watch ............................................. 420
Science City 1550–1800, Science museum London by Jane Desborough .............. 465
Seobie-Youngs, Keith, The remarkable city career of Aynsworth Thwaites, London lecture ............................................. 559
sculptural clock in The House of Representatives, painting ............................................. 231
Sellwood, William of London, lantern clock ............................................. 154
Seignior, Robert of London, clockmaker 480
Sewill, carriage clock chronometer .............. 25
Shellmex clock, visit by Electrical Horology Group ............................................. 401
shadow clock in the Libro del Saber .................. 495
Sharkell, Joseph of Islington, watchmaker ............................................. 53
Shreeve, William of Halifax, dialmaker ............................................. 360, 364
Singing Bird Boxes by Philip Gale .................. 117
skeleton clock by Verneuil a Dijon .................. 312
Smeaton family of Leeds, Yorkshire ........... 61
Smeaton, John FR5, portrait .................. 63
Smeaton, John(2) ............................................. 59
Smeaton, John(3) Fellow of the Royal Society ............................................. 62, 64
Smeaton, John
   escapement ............................................. 67
   half-second assistant clock .............. 68
   pendulum ............................................. 66, 344
   perpetual watch, outline drawing .............. 62
   pyrometer ............................................. 345
   semi-deadbeat escapement .............. 67
   Tower, engraving ............................................. 65
   watch book ............................................. 71, 72
Smeaton, John & Hartley, John, regulator ............................................. 74, 75
Smeaton, William ............................................. 61
Smith, Barnaby AHS South Eastern Section meeting reports .................. 127, 283, 426, 572
Smith, S & Son, chronograph .............. 20
Socfflor, Joseph of Wartenburg, Bavaria watchmaker ............................................. 39
Somersall, John of London, wall clock .............. 6
Sougé, Mathurin, early pendulum clock .............. 531-4
South West Heritage Trust, Taunton ....... 265
Springmann, Rudolph of Southwark, watchmaker ............................................. 40
standard time
   The Politics of Precision: Standard Time and Violent Protest 1884–1914 by David Rooney ............................................. 116
Square Independent Chapel, Halifax .............. 365
Stevenson, George R. of Chesterfield, watchmaker ............................................. 43
Steyr and Schmollgruber Iron Clock Museum, 2019 Study Tour report by John Pither ............................................. 417
Stockwell, James J. of London, watchmaker ............................................. 53
stolen clock recovered .............. 467
Stretch, Peter of Philadelphia, clockmaker ............................................. 331
Struthers, Dr. Rebecca

Fakes, forgeries and the birth of mass production in the European watch industry, 1750–1820, lecture ..... 117

Tailor Made Watches, lecture ..... 116

Birmingham Jewellery Quarter, lecture ..... 116

Steyr, The Night Watchman Tour, 2019

Study Tour report by David Brown ..... 418

sugar being loaded in Antigua, picture ..... 337

sundials

Navicula de Venetiis, portable, French .......................................................... 384

Time of our Lives: Sundials of the Adler Planetarium, book by Sara J. Schechner .......................................................... 554

Su Song, astronomical and time-telling tower replica ........................................ 255

Sykes, Geoff AHIS Turret Clock Group meeting report ......................... 428

Synchronome: Masters of Electrical Timekeeping reprint announcement ..... 566

Synchronome regulator No.100 ..... 18

T

table clocks by

Altenstetter, David, astronomical ..... 415

anonymous, Southern Germany ..... 386

Brenner, Steffen of Nuremberg ..... 218

de Mey, François of Amsterdam ..... 538

Iron table clock, Nuremberg ..... 220

Fromanteel & East, cubie, grande sonnerie ........................................ 319

Ramsay, David ..... 184

Schellhammer, Gallus of Nuremberg drum-shaped table clock ..... 216
table clock ..... 217

Taylor, Charles of Coventry, watch manufacturer .................................................. 46

Taylor, John, American Clocks, lecture 275

ten Hoeve, Johan, AHIS Wristwatch Group meeting report .................................. 129

Tennant, Mary Frances, obituary by John Griffiths ........................................ 33

Thatcher, George of Newbury, apprentice ........................................ 43

Timby, Theodore, globe clock ..... 259

Thiout, Antoine, watch ..... 20

Thomas, Darlah & Steve

J. B. Joyce of Whitechurch, lecture ..... 116

T. Cooke & Sons of York, lecture ..... 116

Thomas, Darlah

Northern section meeting reports ................................................ 124, 280, 424, 568

Thomas, Harry of Moretonhampstead, Devon apprentice ............................... 43

Thomas, Seth of Plymouth Hollow, double-diary calendar clock .......................... 259

Thomas, William King see Keith, Alexander

Thomas disaster, Grave of the victims at Bremerhaven ........................................ 94

Thomas’s infernal clockwork .................................. 99

Thompson, David, The Art and Mystery of Watchmaking, London lecture .................. 560

Thwaites, Aynsworth, The remarkable city career of lecture by Keith Scobie-Youngs ........................................................................ 559

Thuret, bracket clock ................................ 540

Tiffany of New York, carriage clock ..... 502
time ball

advertisement .................................. 246

Cardiff Town Hall .................................. 246

Newport .................................. 246

Threlkeld, William of London, bracket clock ........................................ 168

Tompion, Thomas of London

Barnard, bracket clock .................................. 466

bracket clock No.222 170, 297, 318, 307

longcase clock .................................. 159

longcase clock No.241 .................................. 305

Pelham, bracket clock No.545 .................................. 444

Once again Thomas Tompion, letter to the Editor by Keith Bates ..................... 131

trade card for Weichert Bros. .................................. 245

travelling clock by Oudin .................................. 162

Troup, John of Hackney

wholesale jeweller & watchmaker .................................. 46

Trustee of the Goldsmiths and Jewellers Annuity and Asylum Hackney .................. 46

Tübingen Hausbuch .................................. 548/9

Tuck, Paul

Golling Castle Museum report ................................ 419

William Moraley, London, letter to the Editor ........................................ 579

Turner, Anthony

book reviews

Time of our Lives: Sundials of the Adler Planetarium, by Sara J. Schechner ..... 554

l’Heure pour tous, une montre pour chacun: un siècle de publicité horlogère, edited by Régis Huguenin and Gianenrico Bernasconi .................................. 555

L’Invention du luxe: Histoire de l’industrie horlogère à Genève de 1815 à nos jours, by Pierre-Yves Donzé .................................. 109
turret clocks by
Fuchs, Johann Ignatz of Leipzig .......... 97
Gillett and Johnston ............................ 544
Newey, George Jabel Fredrick of York ...
.......................................................... 398
Savery, Robert
Holy Trinity, Taunton ............ 265
St Peter & St Paul, Bishops Hull, Taunton .... 265

universal astrolabe plate in the Libros del Saber ............................................. 492
Usher & Cole
chronometer springs ......................... 445
letter to the Editor from Terence Camerer Cuss .................... 579

van den Ende, Hans Jr., Ben Hordijk, Victor Kersing, Rob Memel
Innovation & Collaboration, letter to the Editor ............... 130
Vernet-Leconte, Émile, Une Beauté
Grecque, painting ............................... 508
Vermeuil a Dijon, French empire skeleton clock ............................... 312
Vienna Kunsthistorisches Museum, 2019
Study Tour report by Jon Colombo .... 414
Vienna University Observatory, 2019 Study Tour report by James Nye ... 413
Vienna Uhrenmuseum, 2019 Study Tour report by James Nye ...... 413
Visbagh, Pieter
front plate of clock ............................. 533
table clock ..................................... 538
wall clock ...................................... 539
Vitascope Industries, The Ship Automata
Clocks of lecture by Geoff Horner ...... 117
Vulliamy, Benjamin Lewis of London,
library clock No.769 .......................... 14
mantel clocks No.1363 & No.1364 ... 169
bracket clock silver-cased .................. 257

W
W. W., Halifax, false-dial maker .......... 374
Waldburg-Wollegg Hausbuch ............ 550-1
Wales & Marches Horological Society
meeting reports by Jon Parker ........................ 283, 427, 573
30 March 2019 Welsh Time Balls, Dr.
Bill Linnard ............................ 117

Wales & Marches Horological Society cont.
30 March 2019 Fakes, forgeries and the birth of mass production in the European watch industry, 1750–1820
Dr Rebecca Struthers ......................... 117
30 March 2019 Dell clock at Aberdare
by Stephen Dutfield ............................. 117
15 June 2019 The Photography of
Clocks by Hywel Lambert ................. 276
15 June 2019 Bring and show members
clocks and projects .......................... 276
12 October 2019 A 15th-century Greek
tozer clock by Spiridon Azzopardi 401
12 October 2019 The Philosophy of an
expensive watch by David Jenkins 401
12 October 2019 Making a Tourbillon
Watch by David Cottrell ..................... 401
28 March 2020 Marine Chronometers in
Arctic exploration by Emily Akkermans ... 562
28 March 2020 Marine Chronometers
by Simon C Davidson ..................... 562
Walwyn, Thomas of Coventry, watch
manufacturer ..................................... 46
wall-mounted weight-driven alarm-clock
signed John Hartley of York .................. 69
wall clock
anonymous, South German ................. 461
Dutton, William, drop dial ................. 450
Visbagh Pieter of the Hague ........... 538, 539
Walwyn, Howard, obituary for Edward Burd ......................................... 29
Ward, Robert, bracket clock, musical ...
Warner, John & Sons of Cripplegate,
London, bell founders ...................... 260
Warners, Lucas, Barrett & Co., Norton,
Stockton-on-Tees, County Durham .... 260
watch by
anonymous, French ......................... 385
anonymous, Nuremberg ................. 219, 221
Bouquet, David of London .............. 389
Breguet, Abraham-Louis of Paris, self
winding ........................................ 389
Daniels, George, Space traveller 1 ... 160
 Dutens of London, repeating .......... 420
Frauen Preis, Johann of Dresden ..... 420
Graham, William No.66 .................. 327
Grimm, Hans I. of Nuremberg in a rock
crystal case ................................. 224
Lehr, Sebastian of Nuremberg ............. 223
Patek Philippe of Geneva ............... 9, 301
Piéquet & Meylan of Geneva ............ 301
watch by continued
  Ramsay, David, astronomical .......... 186
  Sewell, Mary A. ......................... 274
  Smeaton, John, perpetual, drawing ... 62
  Thiout, Antoine .......................... 20
  Watkins, Alexander of London ........ 23
Watches, Tailor Made lecture by Dr.
  Rebecca Struthers ...................... 116
watch collection in the Uhrenmuseum in
  Vienna ........................................ 414
watch dial makers, Bickley family of
  Coventry ..................................... 52
Watch, a Twentieth-Century Style History,
  book by Alexander Barter ............. 557
watchmakers
  Bammert, Karl of High Street, Worcester
  .................................................. 40
  Bengerter, Louis C. of Wardour Street,
  Westminster ................................... 40
  Boyall, Ellen of Louth ................... 50
  Carter, Thomas of Clerkenwell ......... 56
watch making, A detailed account from
  1650 .......................................... 560
watch making
  The Art and Mystery of Watchmaking
  by David Thompson ....................... 560
watch manufactures
  Guye, Phillippe and Auguste of London
  ................................................ 47
  Haddell, James of Coventry ............ 46
  Hawley, John of Coventry .............. 46
  Hill, Rowland of Coventry ............. 45
  Hopkins, Charles of Coventry .......... 46
  Hyams, Abraham of Mile End .......... 38
  Joel, Lewis of Coventry ............... 45
  Mercer, Thomas J. of Coventry ....... 46
watch movement manufacturer, Edward
  Beesley of Prescot ....................... 45
watch polisher, Richard Adkins of Coventry
  .............................................. 53
watchmaking statistics from 1881 census
  age distribution .......................... 52
  apprentices ................................ 44
  dominant areas ........................... 49
  major employers .......................... 45
  totals working ............................ 48
  unemployed ............................... 56
  workforce size ............................ 44
water clock
  in the Libros del Saber .................. 496
  virtual reconstruction .................. 497
Watkins, Alexander of London,
  chronometer watch ........................ 23
Webster, William of Exchange Ally, London,
  watch No.422 .............................. 303
Weichert, William, of Cardiff .......... 344
  advertisements ........................... 250
  chronometers No.2227, 2261, 2312 and
  7276 ........................................ 249
Observatory trade card .................. 247
Patent No. GB 2446 of 1866 ............ 251
plaque on old Pilotage Authority
  building Cardiff ......................... 249
Wendelen, Govaert, Flemish astronomer
  ............................................. 343
Westminster clock
  casting of the Great Bell ............... 261
  new North dial .......................... 319
  restoration .................................. 318
wheel-cutting engine from Nicolas Bion 521
Whitaker & Shreeve of Halifax .......... 365
  dial sold by James Hawthorn .......... 369
  eight-day moon dial .................... 367
  false-dial maker ........................ 374
  falseplate .................................. 366
  genealogy ................................... 361
  Hawthorn of Newcastle, falseplate ... 369
Whitaker, Henry of Halifax, clock dial
  painter ....................................... 363
Whitaker, John and Sarah of Leeds, clock
dial maker ..................................... 371
Whitaker, William, dialmaker of Halifax,
  West Yorkshire ............................ 360
Whitaker, William Shreeve, dial painter 371
Whitaker, Willm. of Halifax, false-dial maker
  ............................................ 374
White, Ian
  AHS Southern Section meeting report
  ............................................. 573
Clocks with Automata, Mainly for the
  Chinese Market, lecture ............... 275
The Majesty of the Chinese-Market
  Watch, book .................................. 111
Wilder Joshua
  dwarf longcase clock .................... 259
  shelf clock .................................. 259
Willard clock in House of representatives
  clock and details ......................... 233, 238, 241
Willard, Simon of Grafton, Province of
  Massachussets, portrait ................ 239
Williams, John of Philadelphia, clockmaker,
  ............................................. 333
Williams, Thomas John at 2 Bute Docks,
  Cardiff, chronometer maker .......... 245
Winder, Thomas of Coventry, watch
  manufacturer .............................. 46
Windmills, Joseph of London, longcase
clock .......................... 169
Withill, Thomas of Hotham, Yorkshire,
  watchmaker ............................... 54
Wolmuth, Dr Bill, *Clockmaking in England and Wales in the 20th century*, lecture 116
Wood, John of Philadelphia, clockmaker ................................................................. 331
Worshipful Company of Clockmakers see Clockmakers Company
Wright, Ben,
*Clocks versus Wristwatches, a brief analysis of their respective markets* 401
obituary for David Harries .................. 32
wristwatch
*The Nature of Uniqueness Between Vintage and Modern Wristwatch Markets* by Andrew Hildreth ........ 113
*The true origins of the wristwatch* by David Boettcher ................................. 400
Wycherley, John of Prescot, movement maker ........................................ 44, 45

Y
Yardley, John, watch case maker .......... 52
Yeomans, Frederick Samuel of Coventry,
Watch Movement Company ................. 45
Yonge, George of London, chronometer
No.6303 ........................................ 213

Z
Zeeman, Jaap, obituary by Erik Glasius 30
Zeidlmayr of Vienna, candle alarm clock 313
Zeltner, Hans of Augsburg, punchmark 222
zinc processing patent William Champion of Bristol ........................................ 346
Zuylenburgh
astronomical clock ....................... 452, 543
collection in Utrecht .................... 537
planetarium ................................ 541