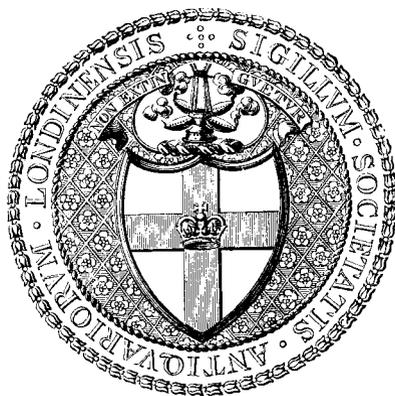


ARCHAEOLOGIA :
OR
MISCELLANEOUS TRACTS
RELATING TO
ANTIQUITY.

ARCHAEOLOGIA:
OR
MISCELLANEOUS TRACTS
RELATING TO
ANTIQUITY,
PUBLISHED BY THE
SOCIETY OF ANTIQUARIES OF LONDON.

VOLUME LV.



LONDON :

PRINTED BY NICHOLS AND SONS, 25, PARLIAMENT STREET.

SOLD AT THE SOCIETY'S APARTMENTS IN BURLINGTON HOUSE.

M.DCCC.XCVI.

ARCHAEOLOGIA :

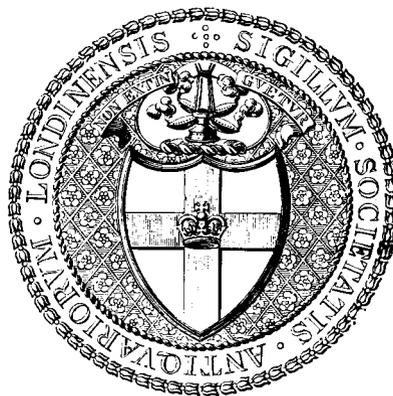
OR

MISCELLANEOUS TRACTS

RELATING TO

ANTIQUITY.

ARCHAEOLOGIA:
OR
MISCELLANEOUS TRACTS
RELATING TO
ANTIQUITY,
PUBLISHED BY THE
SOCIETY OF ANTIQUARIES OF LONDON,
SECOND SERIES. VOLUME V.



LONDON:
PRINTED BY NICHOLS AND SONS, 25, PARLIAMENT STREET.
SOLD AT THE SOCIETY'S APARTMENTS IN BURLINGTON HOUSE.

M.DCCC.XCVII.

TABLE OF CONTENTS.

| | PAGE |
|---|---------|
| I.— <i>A Clerical Strike at Beverley Minster in the Fourteenth Century.</i> By ARTHUR F. LEACH, Esq., M.A., F.S.A. - - - | 1—20 |
| II.— <i>Of the methods used in making and ornamenting an Egyptian Rock Tomb.</i> By SOMERS CLARKE, Esq., F.S.A. - - - | 21—32 |
| III.— <i>On the Roman town of Doclea, in Montenegro.</i> By J. A. R. MUNRO, Esq., M.A., F.S.A.; W. C. F. ANDERSON, Esq., M.A.; J. G. MILNE, Esq., M.A.; and F. HAVERFIELD, Esq., M.A., F.S.A. | 33—92 |
| IV.— <i>Notes on the Cathedral Church of St. Cecily at Albi.</i> By R. W. TWIGGE, Esq., F.S.A. - - - - - | 93—112 |
| V.— <i>The Vases of Magna Graecia.</i> By TALFOURD ELY, Esq., M.A., F.S.A. - - - - - | 113—124 |
| VI.— <i>On the more important Breeds of Cattle which have been recognised in the British Isles in successive periods, and their relation to other Archaeological and Historical Discoveries.</i> By T. MCKENNY HUGHES, Esq., M.A., F.R.S., F.S.A. - - - | 125—158 |
| VII.— <i>The Battle of Bosworth.</i> By JAMES GAIRDNER, Esq. - - - | 159—178 |
| VIII.— <i>On two fibulæ of Celtic fabric from Æsica.</i> By ARTHUR JOHN EVANS, Esq., M.A., F.S.A. - - - - - | 179—198 |
| IX.— <i>On a Bronze Statuette of Hercules.</i> By A. S. MURRAY, Esq., LL.D., F.S.A. - - - - - | 199—202 |
| X.— <i>Further Excavations in an Anglo-Saxon Cemetery at High Down, Sussex.</i> By CHARLES HERCULES READ, Esq., Secretary - - - | 203—214 |
| XI.— <i>Excavations on the site of the Roman city at Silchester, Hants, in 1895.</i> By W. H. ST. JOHN HOPE, Esq., M.A., and GEORGE E. FOX, Esq., Hon. M.A. Oxon., F.S.A. - - - | 215—256 |

| | PAGE |
|---|---------|
| XII. — <i>On some Waxed Tablets said to have been found at Cambridge.</i> By T. M'KENNY HUGHES, Esq., M.A., F.R.S., F.S.A. - - - | 257—282 |
| XIII.— <i>Visitations of certain Churches in the City of London in the patro- nage of St. Paul's Cathedral, about the year 1250.</i> By W. SPARROW SIMPSON, D.D., Sub-Dean and Librarian of St. Paul's Cathedral | 283—300 |
| XIV.— <i>The House of Aulus Vettius, recently discovered at Pompeii.</i> By TALFOURD ELY, Esq., M.A., F.S.A. - - - - | 301—318 |
| XV.— <i>The Prebendal Stalls and Misericords in the Cathedral Church of Wells.</i> By the Rev. C. M. CHURCH, M.A., F.S.A., Sub-Dean and Canon Residentiary of Wells - - - - | 319—342 |
| XVI.— <i>The Mausoleum at Halicarnassus. The probable arrangement and signification of its principal Sculptures.</i> By EDMUND OLDFIELD, Esq., M.A., F.S.A. - - - - | 343—390 |
| XVII.— <i>On a votive deposit of Gold Objects found on the North-West Coast of Ireland.</i> By ARTHUR J. EVANS, Esq., M.A., F.S.A. - - - | 391—408 |
| XVIII.— <i>Excavations on the site of the Roman city at Silchester, Hants, in 1896.</i> By W. H. ST. JOHN HOPE, Esq., M.A. - - - | 409—430 |
| XIX.— <i>Notes on the Church of the Kalenders at Constantinople.</i> By EDWIN FRESHFIELD, Esq., LL.D., Treasurer - - - - | 431—438 |
| XX.— <i>The Dolmens and Burial Mounds in Japan.</i> By WILLIAM GOW- LAND, Esq., F.S.A., Assoc. R.S.M., late of the Imperial Japanese <i>Mint</i> - - - - | 439—524 |
| XXI.— <i>The Domus Inferior or Frary of our oldest Charterhouses.</i> By the Rev. HENRY GEE, B.D., F.S.A. - - - - | 525—530 |

APPENDIX.

| | |
|---|---------|
| 1.— <i>A Sixteenth Century Mathematical Instrument Case</i> - - - | 531—533 |
| 2.— <i>Notes on a Silver Dish</i> - - - - | 534—536 |

LIST OF ILLUSTRATIONS.

| PLATE | | PAGE |
|-------|---|-----------|
| I. | Rock-cut Tomb at Beni-hassan - - - | facing 22 |
| II. | Figures on a pier in the tomb of Seti I. at Thebes - | facing 26 |
| III. | Figures on a wall in the tomb of Seti I. at Thebes - | facing 28 |
| | Plan of Temple of Diana at Doclea - - - | 53 |
| | Plan of Temple of Minerva, Doclea - - - | 54 |
| | Plan of a large Church at Doclea - - - | 56 |
| | Plan of a small Church at Doclea - - - | 60 |
| | Window moulding, Civil Basilica. Base-course, Small Church | 61 |
| IV. | Plan of the Roman town of Doclea, in Montenegro - | facing 92 |
| V. | Ground-plan of the Cathedral Church of St. Cecily, Albi | facing 94 |
| | Illustrations of Breeds of Cattle, etc. : | |
| | Fig. 1. <i>Bison Priscus</i> . Barrington Gravel - - - | 126 |
| | Fig. 2. <i>Bison Priscus?</i> Dredged up off Yarmouth - - | 128 |
| | Figs. 3 and 4. Urus (<i>Bos primigenius</i>) found at Burwell Fen, Cambridgeshire, with a Neolithic flint implement sticking in its skull - - - | 130 |
| | Fig. 5. The Neolithic implement found sticking in its skull | 130 |
| | Fig. 6. <i>Bos longifrons</i> . Burwell Fen - - - | 134 |
| | Fig. 7. Romano-British type with horn-cores showing a tendency to turn up. Reach Fen - - - | 136 |
| | Figs. 8 and 9. Diagrams illustrating horn curvature - | 138 |
| | Fig. 10. Roman Ox, from a painting in Pompeii - - | 138 |
| | Fig. 11. Modern Italian Bull - - - | 139 |
| | Fig. 12. Chillingham Bull - - - | 139 |

| PLATE | PAGE |
|---|------|
| Fig. 13. Egyptian Cattle in bas-relief on temple of Hatshepsu - - - - - | 140 |
| Fig. 14. Sicilian type with long upturned horns - - - - - | 140 |
| Fig. 15. Coin of Euboea - - - - - | 140 |
| Fig. 16. Modern Italian breed - - - - - | 141 |
| Fig. 17. Abergavenny Bullock - - - - - | 141 |
| Fig. 18. Swiss Mountain breed - - - - - | 143 |
| Fig. 19. Highland Cow, after MacWhirter - - - - - | 151 |
| Fig. 20. Horn-core from medieval ditch - - - - - | 153 |
| Fig. 21. Horn-core from ancient drain-lands, Epping Forest | 155 |
| Fig. 22. Long-horn Cow. Hardendale herd - - - - - | 156 |
| VI. Plan of the Battle of Bosworth - - - - - facing | 178 |
| Antiquities found at Æsica, etc : | |
| Fig. 1. Silver Collar or Chain found in Æsica - - - - - | 179 |
| Fig. 2. Gold Ring found at Æsica - - - - - | 180 |
| Fig. 3. Bronze Ring with gnostic gem found at Æsica - - - - - | 180 |
| Fig. 4. Side, back, and front views of a Brooch found at Æsica - - - - - | 181 |
| Fig. 5. Bronze Brooch with retroflected foot caught by a free collar - - - - - | 182 |
| Fig. 6. Bronze Brooch with collar and bow in one piece - - - - - | 182 |
| Fig. 7. Sketch showing development of British <i>fibulæ</i> - - - - - | 183 |
| Fig. 8. Brooch of early Pannonian form - - - - - | 183 |
| Fig. 9. Gilt Bronze Brooch found at Æsica - - - - - | 187 |
| Fig. 10. Gallo-Roman Brooch in the collection of Sir John Evans - - - - - | 188 |
| Fig. 11. Brooch from Idria di Bača - - - - - | 188 |
| Fig. 12. Brooch from Selzen - - - - - | 188 |
| ^a Fig. 13. Bronze Armlet found at Stanhope, Peeblesshire - - - - - | 191 |
| ^a Fig. 14. Bronze Armlet found near Plunton Castle, in the parish of Borgue, Kirkcudbright - - - - - | 192 |
| VII. Gilt-bronze Statuette of Hercules found in Cumberland facing | 200 |
| VIII. Glass Vessel from a Saxon grave on High Down, Sussex facing | 206 |
| Fig. 1 Barbaric Bronze Head found in an Anglo-Saxon cemetery on High Down, Sussex - - - - - | 209 |

^a These Illustrations have been kindly lent by the Society of Antiquaries of Scotland.

| PLATE | PAGE |
|---|-----------------|
| IX. Saxon antiquities from High Down, Sussex - - | facing 214 |
| X. Silchester.—Plan of <i>Insulæ</i> XIII. and XIV. - - | facing 216 |
| XI. Silchester.—Plan of House No. 1, <i>Insula</i> XIV.- | facing 220 |
| XII. Silchester.—Mosaic Pavement from House No. 1, <i>Insula</i> XIV. | between 224—225 |
| XIII. Silchester.—Mosaic Pavement from House No. 1, <i>Insula</i> XIV. | between 226—227 |
| XIV. Silchester.—Mosaic Pavement from House No. 1, <i>Insula</i> XIV. | between 228—229 |
| Fig. 1. Block of wood and lead cylinders found in a well or pit in <i>Insula</i> XIV. - - - - - | 232 |
| Fig. 2. Conjectural restoration of a Force Pump found at Silchester in <i>Insula</i> XIV. - - - - - | 234 |
| XV. Silchester.—Plan of House No. 2, <i>Insula</i> XIV.- | facing 234 |
| Fig. 3. Fragment of a Capital found in House No. 2, <i>Insula</i> XIV. - - - - - | 238 |
| Fig. 4. Bronze Figure found at Silchester - - - - - | 239 |
| Fig. 5. Diagram showing restoration of pattern of a painted dado in House No. 1, <i>Insula</i> XIV.- - - - - | 250 |
| Fig. 6. Drawing and section of a glazed Bowl found at Silchester - - - - - | 253 |
| Fig. 7. Block-plan of Silchester, showing portions excavated down to October, 1895 - - - - - | 253 |
| Fig. 8. Section of a Roman bronze Force Pump from Bolsena, Italy, now in the British Museum - - - - - | 255 |
| House of Aulus Vettius, recently discovered at Pompeii: | |
| Fig. 1. Ground plan - - - - - | 302 |
| Fig. 2. View of Room, showing disposition of the wall- paintings and mural decorations - - - - - | 305 |
| ^a Fig. 3. Lararium - - - - - | 306 |
| ^a Fig. 4. Wall-painting of the death of Pentheus - - - - - | 313 |
| Fig. 5. Wall-painting of Ixion bound to the wheel - - - - - | 315 |
| XVI. Misericords in the Cathedral Church of Wells - - | facing 340 |
| XVII. Misericords in the Cathedral Church of Wells - - | facing 340 |

^a These illustrations have been reproduced, by kind permission, from *The English Illustrated Magazine* for January, 1896.

| PLATE | PAGE |
|--|------|
| XVIII. Misericords in the Cathedral Church of Wells - - facing | 342 |
| XIX. Misericords in the Cathedral Church of Wells - - facing | 342 |
| Fig. 1. Fragment of bench-end from the choir-stalls in the Cathedral Church of Wells - - - - | 335 |
| Fig. 2. Stall Canopies and Panelling of the upper galleries formerly in the choir of Wells Cathedral Church - - | 339 |
| The Mausoleum at Halicarnassus : | |
| Fig. 1. Plan of the Pteron - - - - | 344 |
| Fig. 2. Restoration of the East Front - - - | 346 |
| Fig. 3. Restoration of half the south side and half longi- tudinal section of the interior - - - - | 347 |
| XX. Statues of Mausolus and Artemisia from the Mausoleum at Halicarnassus - - - - facing | 360 |
| Fig. 4. Figure of a Greek charioteer - - - | 364 |
| Fig. 5. Marble Head from the Mausoleum at Halicarnassus - | 375 |
| XXI. Gold Boat, Bowl, and Necklet found in Ireland - facing | 391 |
| Fig. 1. Minor objects found with a votive Gold Boat on the North-West coast of Ireland - - - - | 391 |
| ^a Fig. 2. Irish oar-blade found at Toome Bar - - - | 392 |
| Fig. 3. Fastening of the larger Gold Chain or Necklace found in Ireland - - - - - | 394 |
| Fig. 4. Fastening of the smaller Gold Chain found in Ireland | 394 |
| Fig. 5. Fastening of a Gold Collar found in Ireland - - | 399 |
| Fig. 6. Gold Torque found at Serviés-en-Val, near Carcas- sonne - - - - - | 400 |
| Fig. 7. Plan of the fastening and scheme of ornamentation of a Gold Collar found in Ireland - - - - | 401 |
| Fig. 8. Gold Collar in the collection of the Royal Irish Academy - - - - - | 405 |
| XXII. Gold Collar and Chains found in Ireland - - facing | 402 |
| XXIII. Silchester.—Plan of <i>Insulæ</i> XV. and XVI. - - facing | 416 |
| XXIV. Silchester.—Lesser Gateway in the west wall, with later partial blocking, discovered in 1896 - - - facing | 426 |
| XXV. Silchester.—North side of the lesser west gate, showing also plinth and face of wall - - - facing | 428 |

^a The Society is indebted to the Royal Irish Academy for the loan of this illustration.

| PLATE | PAGE |
|--|------|
| Fig. 2. Section of the city ditch by the lesser west gate at Silchester - - - - - | 427 |
| Fig. 3. Section of the Roman city ditch near Aldersgate, London - - - - - | 427 |
| Fig. 4. Plan of the foundations of a house uncovered to the south of Silchester parish church in 1896 - - | 429 |
| Fig. 5. Block plan of Silchester, showing portions excavated down to the end of 1896 - - - - - | 430 |
| ^a XXVI. Mosque of the Kalenders at Constantinople, from the north- west - - - - - facing | 431 |
| ^a XXVII. Capital in the Mosque of the Kalenders at Constantinople facing | 432 |
| ^a XXVIII. Capital in the Mosque of the Kalenders at Constantinople facing | 432 |
| ^a XXIX. Mosque of the Kalenders at Constantinople. Remains of the Ikonostasis (north side) - - - facing | 432 |
| ^a XXX. Mosque of the Kalenders at Constantinople. Remains of the Ikonostasis (south side) - - - facing | 432 |
| ^a XXXI. Mosque of the Kalenders at Constantinople. Details of the remains of the Ikonostasis - - - facing | 432 |
| ^a XXXII. Mosque of the Kalenders at Constantinople. Details of the remains of the Ikonostasis - - - facing | 432 |
| ^a XXXIII. Mosque of the Kalenders at Constantinople (east end) facing | 434 |
| ^a XXXIV. Ikonostasis from the church of St. Luke at Stiri - facing | 436 |
| ^a XXXV. South side of the apse of the Kahrieh Djami (the Church of the Mone tes Choras) at Constantinople - facing | 436 |
| ^a XXXVI. Marble Slab in the Mosque of the Kalenders at Constantinople facing | 438 |
| ^a XXXVII. Marble Slab in the Mosque of the Kalenders at Constantinople facing | 438 |
| ^a Fig. 1. Plan of the Mosque of the Kalenders at Constanti- nople - - - - - | 432 |
| ^a Fig. 2. Mosque of the Kalenders at Constantinople. Section on line A B of plan, looking south - - - | 434 |
| ^a Fig. 3. Mosque of the Kalenders at Constantinople. Section on line C D of plan - - - - - | 435 |

^a The Society is much indebted to Dr. Edwin Freshfield for the whole of these illustrations to his paper.

| PLATE | PAGE |
|--|-------------------|
| ^a Fig. 4. Mosque of the Kalenders at Constantinople. Section on line E F of plan - - - - - | 437 |
| XXXVIII. Fig. 1. Interior of Dolmen at Hattorigawa (Kawachi), Japan ; Fig. 2. External view of Dolmen at Hattorigawa (Kawachi), Japan - - - - - facing | 448 |
| XXXIX. Fig. 1. Front View of Dolmen at Miyōhōji (Yamato), Japan ; Fig. 2. Dolmen at Dōmyōji (Kawachi), Japan - - - - - facing | 450 |
| XL. Map of Japan - - - - - between 472 and Figs. 1 and 2. Plans and sections of typical Japanese Dolmens - - - - - Figs. 3 and 4. Plans and sections of typical Japanese Dolmens - - - - - | 473 444 445 |
| Fig. 5. Interior of Dolmen at Tsukahara (Settsu) - - - - - | 447 |
| Fig. 6. Interior of Dolmen at Koshi (Yamato) - - - - - | 448 |
| Fig. 7. Dolmen at the village of Shiba (Kawachi) - - - - - | 452 |
| Fig. 8. Dolmen containing a hewn-stone Sarcophagus at Abe-mura (Yamato) - - - - - | 454 |
| Fig. 9. Dolmen at Andogahashi (Yamashiro) - - - - - | 455 |
| Fig. 10. Double Mound near Nara (Yamato) - - - - - | 456 |
| Fig. 11. One of the terra-cotta tubes on the Double Mound near Nara - - - - - | 459 |
| Fig. 12. Double Mound at Mise (Yamato) - - - - - | 461 |
| Fig. 13. Dolmen of hewn stones at Koshi (Yamato) - - - - - | 465 |
| Fig. 14. Dolmen containing two stone Sarcophagi at Imaichi (Izumo) - - - - - | 467 |
| Fig. 15. Terra-cotta Sarcophagus from a Dolmen at Sakuraidani (Settsu) - - - - - | 470 |
| Figs. 16 and 17. Terra-cotta Sarcophagus and cover from Isokami (Bizen) - - - - - | 472 |
| Fig. 18. Bronze Sword - - - - - | 475 |
| Fig. 19. Bronze two-handed Sword - - - - - | 475 |
| Fig. 20. Bronze Arrow-heads - - - - - | 476 |
| Fig. 21. Magatama - - - - - | 478 |
| Fig. 22. Metal ornaments of Horse Trappings - - - - - | 480 |

^a The Society is much indebted to Dr. Edwin Freshfield for the loan of this illustration to his paper.

| PLATE | | PAGE |
|--------|---|------|
| | Fig. 23. Spindle Whorl - - - - | 481 |
| | Fig. 24. Iron Swords of the Dolmen period - - | 483 |
| | Fig. 25. Swords with ornamental mounts - - | 484 |
| | Fig. 26. Sword Guard of gilt copper - - - | 485 |
| | Fig. 27. Iron Arrow-head - - - - | 485 |
| | Fig. 28. Iron Cuirass and Helmet - - - | 486 |
| | Fig. 29. Horse Bits, Rokuya Dolmen - - - | 487 |
| | Fig. 30. Ornamental appendages of the Trappings of Horses - - - - - | 488 |
| | Fig. 31. Other ornaments of Horse Trappings - - | 488 |
| | Fig. 32. Stirrup-irons - - - - | 489 |
| | Fig. 33. Penannular Ring. Copper plated with gold - | 489 |
| | Fig. 34. Portion of a band of gilt copper worn attached to the dress - - - - - | 491 |
| | Fig. 35. Shoes of gilt copper - - - - | 491 |
| | Fig. 36. Terra-cotta Vase (hand-made) - - - | 492 |
| | Fig. 37. Terra-cotta Vessels (wheel-made) - - | 493 |
| | Fig. 38. Chief Types of the Pottery of Class II. from Dolmens - - - - - | 496 |
| XLII. | Ornamental Pottery - - - - - facing | 498 |
| | Fig. 39. Ornamental Vase (Bizen) - - - | 499 |
| | Fig. 40. Terra-cotta Female figure (<i>Tsuchi-ningyō</i>) - | 501 |
| | Fig. 41. Terra-cotta Male figure (<i>Tsuchi-ningyō</i>) - | 501 |
| | Fig. 42. Terra-cotta Horse - - - - | 502 |
| | Fig. 43. Stone Figure from a Dolmen mound - - | 503 |
| XLII. | A Sixteenth Century Mathematical Instrument Case (Front and Side Views) - - - - - facing | 531 |
| | Device on top of a Sixteenth Century Mathematical Instrument case - - - - - | 531 |
| | Maker's name on a Sixteenth Century Mathematical Instrument Case - - - - - | 532 |
| XLIII. | Set of Mathematical Instruments of the Sixteenth Century facing | 532 |
| XLIV. | Silver Dish from the Hindu Kush - - - - - facing | 534 |