

Richard Goddard - "Drawing on Copper", The Basire family of copper-plate engravers and their works
Philosophical Transactions - catalogue of illustrations

1733-1769 - plates signed as engraved by James Mynde, with few exceptions

LIV, 1764

II, 5-12, Delaval, Edward, An account of the effects of lightning in St. Bride's Church, Fleet-Street, on the 18th of June, 1764, in a letter to Mr. Benjamin Wilson, read on 28 June 1764

Basire XIV, 227 TBC
XV, 231 TBC

LX, 1770: 50 articles, 12 plates

J. Mynde Plates I-II

IX. Dunne, Samuel, A Determination of the Exact Moments of Time When the Planet Venus Was at External and Internal Contact with the Sun's Limb, in the Transits of June 6th, 1761, and June 3d, 1769, read on 22 February 1770

(Samuel Dunne)

Basire III, 65 Observations of the Transit of VENUS over the Limb of the SUN in the Years 1761 & 1769 (fold-out table and 28 figures)

X. Fitz Gerald, Keane, An Account of Some Improvements Made in a New Wheel Barometer, Invented by Keane Fitz Gerald, read 22 February 1770

Basire IV, 75 (New Wheel Barometer - 2 figures)

XI. Swinton, Rev. John, Some Observations upon an Inedited Greek Coin of Philistis, Queen of Syracuse, Malta, and Gozo, Who Has Been Passed Over in Silence, by All the Ancient Writers read on 1 March 1770

Basire V, 80 (8 coins obverse and reverse)

XV. Strange, John, An Account of Some Very Perfect and Uncommon Specimens of Spongiae from the Coast of Italy, read on 22 March 1770

James Basire VI, 181 (Specimens of Spongiae - 4 figures)

XVII. Winn, Captain J.L., A Letter to Dr. Benjamin Franklin, F. R. S. Giving an Account of the Appearance of Lightning on a Conductor Fixed from the Summit of the Mainmast of a Ship, down to the Water, read on 29 March 1770

T. Houghton VII, 189 (Lightning conduct on the mainmast of a ship)

XXII. Browning, Rev. Mr., Directions for Making a Machine for Finding the Roots of Equations Universally, with the Manner of Using It, read on 3 May 1770

Basire VIII, 241 (Machine for finding the roots of equations - fold-out 4 figures)

XXVII. Robertson, James, Description of the Blunt-Headed Cachalot, read on 10 May 1770

J. Basire IX, 321 (Blunt-headed Cachalot)

XXXV. Boddington, John and Hunter, Dr. William, Account of Some Bones Found in the Rock of Gibraltar, read on 1 February 1770

J. Mynde X, 415 Section thro the solid part of the Rock at Gibraltar (fold-out)

XLIV. Ellis, John, With the Figure and Characters of That Elegant American Evergreen, Called by the Gardiners the Loblolly-Bay, Taken from Blossoms Blown Near London, and Shewing That it is not an Hibiscus, as Mr. Miller Calls It; Nor an Hypericum, as Dr. Linnaeus Supposes It; But an Intire New Genus, to Which Mr. Ellis Gives the Name of Gordonia, read on 20 December 1770

Basire XI, 523 Gordonia Lasianthus. Vulgo Loblolly Bay (14 figures - fold-out)

XLV. Ellis, John, on a new Species of Illidium Linnaei, or Starry Aniseed Tree, lately discovered in West Florida, read on 13 December 1770

Basire XII, 531 Illidium Floridanum Vulgo Starry Aniseed Tree

LXI, 1771: 55 articles, 22 plates

I, 1-47, Hamilton, the Honourable William, Remarks upon the Nature of the Soil of Naples, and its Neighborhood, read on 20. 27, 24 January 1771

Basire I, 44 (Map of the Bay of Naples with scale - fold-out)

V. 55-56, Edwards, George, Description of a Bird from the East Indies, read on 17 January 1771

G. Edwards

Basire II, 55 (Drawing of bird)

VIII, 61-70, Gramont, Father, An Account of the Kang, or Chinese Stoves, read on 31 January 1771

Basire

Basire III, 62 (Four aspects of stove - fold-out)

XII, 91-103, Swinton, John, Interpretation of two Punic Inscriptions, on the Reverses of two Siculo-Punic Coins, read on 11 April 1771

Basire III*, 92 (Coins and inscriptions - 8 figures)

XIV, 107-113, Nairne, Edward, Description and Use of New Constructed Equatorial Telescope or Portable Observatory, read on 7 February 1771

E. Nairne inv et fecit

Jas. Basire del et sc IV, 107 The Equatorial Telescope

XXI, 170-181, Hunter, William, An Account of the Nyi-ghau, an Indian Animal not hitherto described, read on 28 February 1771

Geo. Stubbs pinxt.

Jas. Basire sc V, 170 (Plate exhibited at the Free Society of Artists in 1773)

XXIV, 198-211, Smeaton, John, Description of a new Hygrometer, by John Smeaton, read on 21 March 1771

J. Smeaton

Basire VI, 200 (Hygrometer - 5 figures, fold-out)

XXIX, 230-246, Muller, Mr., Observations on some Bivalve Insects, found in Common Water..., read on 18 April 1771

VII, 244 (Insects - 7 figures)

XXX, 247-249, Tyson, Michael, A Letter...containing an Account of a Singular Fish, from the South Seas, by Michael Tyson, read on 9 May

M. Tyson

Basire VII, 245 Drawing

XXXI, 25-265, by Lloyd, J. and King, Edward, An Account of Eldon Hole in Derbyshire, read on 21 February 1771

Basire VIII, 261 (Section, plan and details of the caves - 3 figures, fold-out)

Basire IX, 265 (Inside of the Great Cavern; Views of all the Caverns - 2 figures, fold-out)

XXXII, 266-272, Pennant, Thomas, An Account of two new Tortoises, read on 2 May 1771

X, 268 (Tortoises - 4 figures)

XXXIII, 289-291, Bergius, Petrus Jonas, Nycanthus elongata, nova Planta Indica..., read on 9 May 1771

Basire XI, 290 Nycanthus elongata

XXXVI, 298-309, Landen, John, A Disquisition concerning certain Fluents, which are assigned by the Arcs of the Conic Sections..., read on 6 June 1771

Basire XII, 299 (3 diagrams)

XL, 345-358, Swinton, John, Observations on Five Antient Persian Coins, struck in Palestine, or Phoenicia, before the dissolution of the Persian Empire, read on 20 June 1771

Basire XIII, 346 (7 drawings of obverse and reverse of coins)

XLIII, 397-432, Green, Charles and Cook, James, Observations ...at King George's Island in the South Seas, read on 21 November 1771

Basire XIV, 410 Appearances of Venus by Captain Cook (6 figures). Appearances of Venus by Charles Green (5 figures)

XLIX, 536-546, Maskelyne, Rev. Neville, Description of a method of Measuring Differences of Right Ascension of Declination, with Dollond's Micrometer..., read on 12 December 1771

Basire XVI, 538 (4 diagrams)

L, 547-558, Horsley, Rev. S., A Supplement to a former paper, concerning Difficulties in the Newtonian Theory of Light, read on 19 December 1771

Basire XVII, 547 Diagram (fold-out)

LIV, Raspe, R.E., a Short Account of Some Basalt Hills in Hassia, read on 29 November 1769

J.H. Tischbein

J.W. Meil XVIII, 583 A Basalt Rock near Gudensberg in Hassia (fold-out)

J.H. Tischbein

J.W. Meil XIX, 583 Felsberg a Castle in Hassia, situated on a Basalt Hill (fold-out)

LV, 584-677, Cavendish, Hon. Henry, An Attempt to Explain some of the Principle Phaenomena of Electricity, by means of an elastic Fluid, read on 19 December 1771 and 9 January 1772

Basire XX, 585 (Diagrams - figures 1-10, fold-out)

Basire XXI, 625 (Diagrams - figures 11-19, fold-out)

LXII, 1772: 35 articles, 14 plates (as Table IV is double)

I, 1-14, Badenach, James, a Technical Description of an Uncommon Bird from Malacca, read on 9 January 1772

Basire I, 2 The Male from the Peninsula of MALACCA

VIII, 60-68, Swinton, John, An Account of a Subaerated Denarius of the Plectorian Family, Adorned with an Etruscan Inscription on the Reverse, Never before Published or Explained, read on 27 February 1772

Basire II, 61 (3 drawings of obverse and reverse of coins)

X, 77-78A, Newland, Capt. Charles, A Letter...accompanying a new Chart of the Red Sea with two Draughts of the Roads of Mocha and Judea..., read on 12 March 1772

Basire III, 77 PART OF THE RED SEA (fold-out map with scale)

Basire IV, 77 MOCHA ROAD (fold-out map with scale)

Basire IV*, 77 The Harbour and Road of JUDDA (fold-out sketch map with scale)

XI, 79-89, Newland, Capt. Charles, Remarks and Observations made on board the Ship Kelsall, on a voyage to Judea and Mocha, in 1769, read on 12 March 1772

Basire V, 81 (Topographical sketches and water distilling apparatus per next article - 6 figures)

90-92, Newland, Capt., An Early Method to distill fresh Water from Salt Water at Sea, read on 12 March 1772

V, 123-7, Walker, John, Account of the Irruption of Solway Moss in December 16 1772, read on 13 February 1772

Basire VI, 124 Eye Draft of the SOLWAY MOSS (sketch map with rococo cartouche)

XVII, 137-147, Henly, William, An Account of the Death of a Person destroyed by lightning in the Chapel in Tottenham-Court-Road, and its effects on the Building, read on 9 April 1772

Basire VII, 133 An outside view of that part of the Building which was affected by the Lightning. An inside view of the Door and Window

XXVIII, 137-146, Ronayne, Thomas, an Account of Some Observations on Atmospherical Electricity; In regard of Fogs, Mists, &c. with Some Remarks, read on 30 April 1772

Basire VIII, 145 (Diagrams and drawing of house)

- XXIX, 147-264, Priestley, Joseph, Observations on different Kinds of Air, read on 5, 12, 19, 26 March 1772 (also published separately)**
 J. Basire IX, 252 (Experimental apparatus - 12 figures)
- XXIV, 353-6, Call, John, A Letter...containing a Sketch of the Signs of the Zodiac. Found in a Pagoda, near Cape Comorin in India, read on 14 May 1772**
 Basire X, 353 On the ceiling of a CHOULTRY at VERDAPETTAH in the MADURAH COUNTRY (sketch)
- XXVI, 359-364, Priestley, Joseph, An Account of a new Electrometer, contrived by Mr. William Henly, and of several Electrical Experiments made by him, read on 28 May 1772**
 Basire XI, 360 An Electrometer
- XXX, 434-446, Pemberton, the late Dr. Henry, Geometrical Solutions of Three Celebrated Astronomical Problems, read on 4 June 1772**
 Basire XII, 435 (9 diagrams - fold-out)
- XXXIV, 476-480, Nairne, Edward, Experiments on two Dipping-Needles Which Dipping-Needles Were Made Agreeable to a Plan of the Reverend Mr. Mitchell, F. R. S. Rector of Thornhill in Yorkshire, and Executed for the Board of Longitude, read on 9 July 1772**
 Js. Basire XIII, 476 (Illustration of the dipping-needle apparatus with scale - fold-out)
- LXIII, 1773: 40 articles, 20 plates**
- I, 1-15, Jackson, Humphrey, An Account of the Discovery of making Isinglass in Russia, With a Particular Description of Its Manufacture in England, from the Produce of British Fisheries, read on 19 November 1772**
 Basire I, 14 (5 drawings illustrating the stages of the process - fold-out)
- IV, 22-9, Swinton, John, Farther Remarks upon a Denarius of the Veturian Family, with an Etruscan Inscription on the Reverse, read on 19 November 1772**
 Basire II, 22 (2 drawings of obverse and reverse of coins)
- XI, 67-78, Wollaston, Francis, Astronomical Observations made at Chislehurst in Kent, read on 12 November 1772**
 Js. Basire III, 78 (8 observations of Jupiter and 2 figures of an apparatus)
- XII, Ducarel, F. upon the Early Cultivation of Botany in England; And Some Particulars about John Tradescant, a Great Promoter of That Science, as Well as Natural History, in the Last Century, and Gardener to King Charles I, read on 2 November 1772**
 B.J. Pouncy Basire IV, 88 Two views of the Monument of JOHN TRADESCANT in the Church Yard of St. Mary Lambeth 1773
 Basire V, 88 From the SOUTH. In the PEPYSIAN Library. From the NORTH (sketches of the sides of John Tradescant's monument)
- XXVIII, 149-160, Forster, John Reinhold, An Account of Some Curious Fishes, Sent from Hudson's Bay, read on 28 January 1773**
 Jas. Basire VI, 157 Cyprinus Catostomus (3 views - fold-out)
- XXI, 171-2, Barrington, Hon. Daines, An Account of a Fossil lately found near Christ-Church in Hampshire, read on 4 February 1773**
 Basire VII, 171 (Drawing of a fossil stone)
- XXII, 173-6A, Bergius, Peter Jonas, A Description of a Rare American Plant of the Brownaeae Kind; with Some Remarks on This Genus, read on 11 February 1773**
 VIII, 174 Drawing Brownea (Rosa de Monte) (fold-out)
 Js. Basire IX, 176 Drawing Brownea (Rosa de Monte) (fold-out)
- 241-8A, King, Edward, Some Observations on a Singular Sparry Incrustation Found in Somersetshire, read on**
 Basire X, 241 (drawings of coal works - 3 figures, fold-out=)
- XXXI, 249-291, Barrington, Hon. Daines, Experiments and Observations on the singing of Birds, read on 22 April, 6 and 13 May 1773**
 Basire XI, 271 Compositions for two piping bullfinches
- XXXIII, 303-323, Hewson, William, On the Figure and Composition of the Red Particles of the Blood Commonly Called the Red Globules, read on 17 and 24 Jun e 1773**
 Js. Basire XII, 323 A comparative view of the FLAT VESICLES of the blood in different Animals, exhibiting their size and Shape (13 figures, fold-out)
- XXXIV, 324-332, Hamilton, Hon. Sir William, Account of the Effects of a Thunderstorm, on the 15th of March 1773, Upon the house of Lord Tynney at Naples, read on 17 June 1773**
 Basire XIII, 332 (3 drawings of the interior of the house illustrating the effects of the lightning strike - fold-out)
- XXXVI, 340-60, Jones, William, Properties of the Conic Sections; deduced by a Compendious Method, read on 24 June 1773**
 Basire XIV, 360 General Scheme for the Parabola (5 diagrams, fold-out)
 Basire XV, 360 General Schemes for the Ellipsis and Hyperbola (2 diagrams, fold-out)
- 361-403, Diquemare, Abbé, An Essay toward elucidating the History of the Sea-Anemonies, read on**
 Diquemare Basire XVI, 403 (2 drawings of sea anenomes - fold-out)
 Diquemare Basire XVII, 403 (2 drawings of sea anenomes - fold-out)
- XXX, VIII, 404-460, de Luc, M. J.A., Citizen of Geneva, F.R.S., Account of the Hygrometer, by M. J.A. de Luc, read on 10 June 1773 (reprinted by W. Bowyer and J. Nichols, London 1774)**
 Js. Basire XVIII, 460 Hygrometer (2 figures)
- XXXIX, 461-480, Walsh, John, Of the Electric Property of the Torpedo, read on 1 July 1773**
 Js. Stuart J. Roberts XIX, 480 The male and female TORPEDO or ELECTRIC RAY (3 figures, fold-out)
- XL, 481-489, Hunter, John, Anatomical Observations on the Torpedo, read on 1 July 1773**
 J. Roberts J. Roberts XX, 489 (Three drawings of the Torpedo, as dissected - fold-out)
- 1774, LXIV: 48 articles, 17 plates (erratum)**
- I, 1-30, Wilson, Alexander, Observations on Solar Spots, read on 29 April 1773**
 Basire I, 8 (Drawing of the sun showing 5 spots - fold-out)
 Basire II, 12 (5 figures of sun spots)
 Basire III, 16 (4 figures of sun spots)
 Basire IV, 24 (4 figures of sun spots)
- VII, 79-89, Nairne, Edward, mathematical instrument maker, Electrical experiments made with a Machine of his own workmanship, read on 9 December 1773**
 Basire V, 80 (View of apparatus - fold-out)
 Basire VI, 90 (3 figures of detail - fold-out)
- X, 99-104, Ironside, Lieutenant Colonel, Of the Culture and Uses of the Son or Sun-plant of Hindostan, with an Account of the manner of manufacturing the Hindostan Paper, read on 23 December 1773**
 Basire VII, 104 Instruments used in making Hindostan paper (7 figures)
- XXVIII, 133-152, Henly, William, Experiments concerning the different Efficacy of pointed and blunted Rods, in securing Buildings against the Stroke of Lightning, read on 16 December 1773**
 Basire VIII, 152 (Illustrations of 7 experiments - fold-out)
- XXX, 214-301, Horsley, Samuel, M. de Luc's Rules, for the Measurement of Heights by the Barometer, Compared with Theory, and Reduced to English Measures of Length, and Adapted to Fahrenheit's Scale of the Thermometer: With Tables and Precepts, for Expediting the Practical Application of Them, read on 17 February 1774**
 Basire IX, 290 (8 diagrams)
- XXXIII, 318-327, Explication of a most remarkable Monogram on the Reverse of a very antient Quinarius, never before published or explained, read on 11 November 1773**
 Basire X, 318 (3 drawings of obverse and reverse of coins)
- XXXIV, 329-339, Wollaston, Rev. Francis, Astronomical observations made at Chislehurst, in Kent, in the course of the year 1773, read on 10 March 1774**
 Basire XI, 338 (4 drawings of the eclipses of Jupiter's satellites)
- XL, 372-388, Curtis, Lieutenant Roger, Peculiarities of the Country of Labradore, Extracted from the Papers of Lieutenant Roger Curtis, of His Majesty's Sloop the Otter, with a Plane-Chart of the Coast, read on 24 February 1774**
 Lieut. Roger Curtis Basire XII, 384 A Chart of part of the country of LABRADOR (with elaborate cartouche, but no scale - fold-out)
- XXI, 389-431, Henly, William An Account of some new Experiments in Electricity...in Pursuance of those made by Thomas Ronayne; With a Plan of an Electrical Journal, read on**
 Basire XIII, 388 (9 illustrations of experiments - fold-out)
 Basire XIV, 432 (10 illustrations of experiments - fold-out)
- XLVII, 474-480, Purcell, John, Description of a double Uterus and Vagina, read on 23 June 1774**
 Basire XV, 480 (Drawing of double uterus and vagina - fold-out)
- LXV, 1775: 49 articles, 15 plates (including musical instrument on page 68 - unattributed on letterpress)**
- II, 5-47, Strange, John, An Account of Two Giants Causeways, or Groups of Prismatic Basaltine Columns, and Other Curious Vulcanic Concretions, in the Venetian State in Italy; with Some Remarks on the Characters of These and Other Similar Bodies, and on the Physical Geography of the Countries in Which They are Found, read on 24 November 1774**
 I, 6 (Topographical view with figures - fold-out)
 II, 8 (Topographical view - fold-out)
 Basire III, 40 (Figures 1-4 details of rock formations - fold-out)
 Basire IV, 46 (Figures 5-7 details of rock formations - fold-out)
- IV, 59-66, Nooth, John Mervin, The Description of an Apparatus for impregnating Water with fixed Air; and of the Manner of Conducting That Process, read on 15 December 1774**
 Basire V, 66 (8 drawings illustrating apparatus - fold-out)
- XVI, 207-248, Diquemare, Abbé, A Second Essay on the Natural History of the Sea-Anemonies, read on 9 March 1775**
 Diquemare Js. Basire VI, 248 (Illustration of sea anemone)
- XXIV, 277-279, Account of a Machine for raising Water, Executed at Oulton, in Cheshire, in 1772, in a letter from Mr. John Whitehurst to Dr. Franklin, read on 16 March 1775**
- XXVI, 283-289, Landen, John An Investigation of the general Theorem for finding the Length of any Arc of any Conic Hyperbola, by means of Two Elliptic Arcs, with Some Other New and Useful Theorems Deduced Therefrom, read on 26 March 1775**
 Basire VII, 277 (Illustration of apparatus and diagrams - 6 figures, fold-out)
- XXVIII, 296-300, Stedman, John, Of Triangles described in Circles and about them, read on 23 March 1775**
 Basire VIII, 300 (5 diagrams - fold-out)
- XXIX, 301-310, Horsley, S., De Polygonis Area vel Perimetro maximis et minimis, inscriptis Circulo, vel Circulum circumscribentibus, read on 19 May 1775**

- IX, 310 (7 diagrams - fold-out)
- XXXIV, 353-365, Lind, Dr James, Description and Use of a Portable Wind Gage, read on 11 May 1775
X (Illustration of apparatus - 2 figures, fold-out)
- XLI, 418-423, Strange, John, An Account of a Curious Giant's Causeway, or Group of Angular Columns, Newly Discovered in the Euganean Hills, Near Padua, in Italy, read on 15 June 1775
Basire XI, 422 IL SASSO DI SAN BIASIO (topographical view - fold-out)
- LXVI, 1776: 43 articles, 7 plates
- I, 1-17, Ellis, John, On the Nature of the Gorgonia; that it is a real Marine Animal and not of a mixed Nature, between Animal and Vegetable, read on 29 June 1775
Basire I, 8 (Figures 1-4 of illustrations of Gorgonia - fold-out)
Basire II, 16 (Figures 5-12 of illustrations of Gorgonia - fold-out)
- XII, 196-225, Cavendish, Hon. Henry, An Account of some Attempts to imitate the Effects of the Torpedo by Electricity, read on 18 January 1775
Basire III, 222 (5 figures of illustrations of experiments - fold-out)
- XXI, 375-401, Cavendish, Hon. Henry, An Account of the Meteorological Instruments used at the Royal Society's House, read on 14 March 1776
Basire IV, 398 (6 figures of illustrations of the dipping needle - fold-out)
- XXVII, 450-475, Smeaton, John, An Experimental Examination of the Quantity and Proportion of Mechanic Power Necessary to be Employed in Giving Different Degrees of Velocity to Heavy Bodies from a State of Rest, read on 25 April 1776
V, 466 (Illustration of machine)
- XXXIV, 530-542, Keir, James, On the Crystallizations observed on Glass, by James Keir, read on 23 May 1776
Basire VI, 542 (Illustrations of crystals - 10 figures - fold-out)
- XLI, 591-599, Fothergill, John, An Account of the Magnetical Machine Contrived by the late Dr. Gowin Knight, read on 27 June 1776
Basire VII, 597 (Illustrations of the machine - 6 figures, fold-out)
- 1777, LXXVII: 37 articles, 20 plates. Printed by W. Bowyer and J. Nichols
- V, 38-47, Sparrman, Dr. Andreas, An Account of a Journey into Africa from the Cape of Good-Hope, and a Description of a new Species of Cuckow, read on 19 December 1776
I, 46 CUCULUS INDICATOR. The Honey Guide (fold-out)
- VI, 48-55, Cavallo, Tiberio, An Account of some new Electrical Experiments, by Tiberio Cavallo, read on 19 December 1776
T. Cavallo Basire II, 56 (2 figures illustrating instrument)
- VII, 56-84, A Third Essay on Sea-Anemonies, by Abbé Dicquemare, read on 9 January 1777
Basire III, 56 (Sea anemonies- 7 figures on same page as Table II)
- VIII, 85-143, Henly, William, Experiments and Observations in Electricity, by William Henly, read on 16 and 23 January 1777. Reprinted by W. Bowyer & J. Nichols
Basire IV, 143 (6 figures illustrating experiments)
- XV, 266-295, Landen, John, A new Theory of the Rotary Motion of Bodies affected by Forces disturbing such Motion, read on 20 February 1777
Basire V, 288 (Diagrams 1-8)
Basire VI, 294 (diagrams 9-14)
- XVI, 296-349, Mudge, John, Directions for Making the Best Composition for the Metals of Reflecting Telescopes; Together with a Description of the Process for Grinding, Polishing, and Giving the Great Speculum the True Parabolic Curve, read on 27 February, 6 and 13 March 1777
Basire VII, 348 (3 figures illustrating apparatus and grinding equipment)
- XXI, 388-400, Cavallo, Tiberio, New Electrical Experiments and Observations, With an Improvement of Mr. Canton's Electrometer, read on 13 March 1777
VIII, 400 (2 drawings of apparatus)
- XXIV, 458-464, Fynney, Fielding Best, The Case of Ann Davenport, read on 10 April 1777
Js. Basire Js. Basire IX, 464 (3 figures illustrating object extracted from Ann Davenport's abdomen)
- XXVII, 504-506, Wright, William, Description of the Jesuits Bark Tree of Jamaica and the Caribbees, read on 24 April 1774
Basire X, 506 Cinchonia Jamaicaensis
- XXXVIII, 507-512, Wright, William, Description and Use of the Cabbage-bark Tree of Jamaica, read on 1 May 1777
Js. Basire X*, 512 Geoffraea Jamaicaensis inermis
- XXXIX, 513-905, Shuckburgh, Sir George, Observations Made in Savoy, in Order to Ascertain the Height of Mountains by means of the Barometer; Being an Examination of Mr. De Luc's Rules Delivered in His Recherches Sur les Modifications de l'Atmosphere, read on 8 and 15 May 1777. Reprinted by W. Bowyer & J. Nichols
Basire XI, 598 A Chart Showing the Situation, Distances and Heights of some of the most remarkable Mountains (table, sections and plan with elaborate cartouche)
- XXX, 598-607, Barker, Sir Robert, An Account of the Bramin's Observatory at Benares, read on 29 May 1777
Basire XII, 608 (View of the observatory with figures - fold-out)
Basire XIII, 608 (2 sections with scale)
Basire XIV, 608 (2 plans with scale)
- XXXVIII, 653-788, Roy, Colonel William, Experiments and Observations made in Britain, in order to obtain a Rule for measuring Heights with the Barometer, read on 12 and 19 June, and 6 and 13 November 1777
Basire XV, 658 (Drawing of apparatus)
Basire XVI, 680 (Drawing of apparatus)
Basire XVII, 772 A Scale for the Equation of the Air. A Scale expressing the expansion of different kinds of Air with regard to Mercury... (fold-out)
Basire XVIII, 788 PLAN OF THE TRIANGLES made use of for obtaining the Geometrical Distance and Altitude of SNOWDON and MOEL EILIO (fold-out)
- XXXVI, 799-815, Maskelyne, Rev. Neville, Account of a new Instrument for measuring small Angles, called the prismatic Micrometer, read on 18 December 1777
Basire XIX, 799 (4 diagrams)
- XXXVII, 816-857, The Report of the Committee appointed by the Royal Society to consider the best Method of adjusting the fixed Points of Thermometers; And of the Precautions Necessary to Be Used in Making Experiments with Those Instruments, read on 19 June and 28 December (Cavendish, Heberden, Aubert, de Luc, Maskelyne, Horsley, Planta)
Basire XX, 856 5 diagrams and 2 drawings
- 1778, LXVIII: 28 articles, 18 plates
- Js. Basire Title page (Vignette of the Copley Medal, showing obverse and reverse)
- III, 50-85, Hutton, Charles, of the Military Academy at Woolwich, The Force of fired Gun-Powder, and the initial velocities of Cannon Balls, Determined by Experiments; pp 50-85 From Which is Also Deduced the Relation of the Initial Velocity to the Weight of the Shot and the Quantity of Powder, read on 8 January 1778 (also published as separate monograph)
Basire I, 84 (Illustration of apparatus - 2 figures)
- XV, 232-317, Sundry Papers relative to an Accident from Lightning at Purfleet, May 16, 1777 (Pringle, Watson, Cavendish, Henly, Horsley, Lane, Nairne, Priestley)
Basire II, 234 East Front of the Board House at Purfleet (Elevation and 2 small figures, fold-out)
J. Basire III, 245 A View of the Apparatus and part of the Great Cylinder in the Pantheon (fold-out) (plates III, IV, XVII, XVIII published in a separate monograph)
Basire IV, 312 Disposition of the long Wire, Brass Drums and Great Cylinder, as suspended in the Pantheon. Apparatus employed in the 34th experiment
Basire V, 312 The North Elevation of the House where the Board of Ordinance meet call'd, for that reason, the Board House
- XVI, 318-343, Playfair, Rev. John, On the Arithmetic of Impossible Quantities, by John Playfair, read on 26 February 1778
Basire VI, 342 (5 diagrams)
- XX, 419-553, de Luc, John Andrew, An Essay on Pyrometry and Areometry, and on Physical Measures in general, by John Andrew de Luc, read on 19 and 26 March and 9 April 1778
de Luc Basire VII, 552 (3 figures illustrating the Pyrometer and Areometer)
- XXXIII, 689-788, Hutton, Charles, An Account of the Calculations made from the Surveys and Measures taken at Schehallien, in order to ascertain the mean Density of the Earth, read on 11 May 1778
Basire VIII, 788 (72 diagrams - fold-out)
Basire IX, 788 (Diagram - fold-out)
Basire X, 788 (Diagram and table)
Basire XI, 788 A sketch of SCHEHALLIEN, with part of the HILLS, and other places adjacent (sketch map with roccoco cartouche - fold-out)
- XXXIV, 789-700, Watson, W., jun., An Account of the Blue Shark, Together with a Drawing of the Same, read on 4 June 1778
Basire XII, 790 Squalus Glaucus (drawing of blue shark with scale)
T. Brown XII, 790 Exocetus Voltans (insert in fold-out plate)
- XXXV, 799-800, Brown, Thomas, A Description of the Exocetus Voltans, Flying Fish, read on 4 June 1778
- XXXVII, 823-60, Nairne, Edward, Experiments on Electricity, Being an Attempt to Shew the Advantage of Elevated Pointed Conductors, read on 18 and 25 June 1778
XIII, 860 (Illustrations of experiments with lightning conducts - figures 1 and 2, fold-out)
XIV, 860 (Illustrations of experiments with lightning conducts - figure 3, fold-out)
Basire XV, 860 (Illustrations of experiments with lightning conducts - figures 4 and 5, fold-out)
Basire XVI, 860 (Illustrations of experiments with lightning conducts - figures 6-8, fold-out)
- XLIV, 999-1012, Wilson, Benjamin, New Experiments upon the Leyden Phial, Respecting the Termination of Conductors, read on 9 July 1778 (both illustrations published in a separate monograph)
Dr. Lind Basire XVII, 1012 Leyden Phial (figure 2)
Basire XVIII, 1012 Leyden Phial. A.B. The Electrometer (figures 1 and 3)
- 1779, LXIX: 39 articles, 11 plates

- Caldwall Title page (Vignette of the Copley Medal, showing obverse and reverse)*
- IV, 35-50, King, Edward, Account of a Petrefaction found on the Coast of East Lothian, read on 26 November 1778
I, 50 (3 drawings of petrified objects - fold-out)
- XVI, 139-159, Camper, Peter, Account of the Organs of Speech of the Orang Outang, read on 7 January 1779
II, 158 (6 illustrations of organs)
- XIX, 207-278, Cazaud, M., Account of a New Method of cultivating Sugar Cane, read on 25 February 1779
Basire III, 279 (10 illustrations of sugar cane)
- XXIII, 332-336, Dolland, Peter, An Account of the Apparatus applied to the equatorial Instrument for correcting the arising from the Refraction in Altitude, read on 4 March 1779
IV, 336 (Drawing of apparatus)
- XXVI, 376-418, Ingen Housz, John, Account of a New Kind of Inflammable Air or Gass, Which Can Be Made in a Moment without Apparatus, and is as Fit for Explosion as Other Inflammable Gasses in Use for That Purpose; Together with a New Theory of Gun-Powder, read on 25 March 1779
V, 418 (Drawings of apparatus)
- XXVII, 419-430, Ramsden, Mr., Optician, The Description of Two New Micrometers, read on 25 March 1779
VI, 430 (Illustration of apparatus - figures 1-2, fold-out)
VII, 430 (Illustration of apparatus - figures 3-4, fold-out)
- XXIX, 454-461, Swift, William, Account of some Experiments in Electricity, read on 29 April 1779
Basire VIII, 460 (Illustration of apparatus - figure 1, fold-out)
Basire IX, 460 (Illustration of apparatus - figure 2, fold-out)
- XXXII, 505-526, Milner, Rev. Isaac, On the Precession of the Equinoxes produced by the Sun's attraction, read on 24 June 1779
X, 526 (9 diagrams - fold-out)
- XXXV, 537-546, Ingen Housz, John, On some new methods of suspending magnetical needles, read on 17 June 1779
XI, 546 (Illustrations of apparatus)
- 1780, LXX, 34 articles, 15 plates
- II, 15-29, Cavallo, Tiberius, An Account of Some New Experiments in Electricity, with the Description and Use of Two New Electrical Instruments, read on 25 November 1779
T. Cavallo Basire I, 28 (Illustrations of experiments - 5 figures, fold-out)
- IV, 42-84, Hamilton, Sir William, An Account of an Eruption of Mount Vesuvius, Which Happened in August, 1779, read on 16 December 1779
F. Progenie Engraved by Basire I, 84 View of the Eruption of Mt. Vasueius Augst. 8th 1779 from Pausilipo
- VI, 100-108, Barnard, William, Shipbuilder, An Account of a Method for the Safe Removal of Ships That Have Been Driven on Shore, and Damaged in Their Bottoms, to Places (However Distant) for Repairing Them, read on 23 December 1779
Basire III, 108 PLAN, ELEVATION and SECTION of a DECK, laid in the hold of the YORK EAST INDIAMAN... (multiple fold-out)
Basire IV, 108 PLAN, ELEVATION and SECTION of a DECK, laid in the hold of the HARDIESSA a Swedish ship.... (multiple fold-out)
- X, 157-162, Cockin, William, Account of an Extraordinary Appearance in a Mist, read on 20 February 1780
Basire V, 162 (Topographical view)
- XIII, 239-245, Blizard, William, Surgeon, A New Method of Treating the Fistula Lachrymalis, read on 24 February 1780
Basire VI, 244 a. The Steel Pipe. b. The Glass Tube
- XIX, 323-333, Cheston, Richard Browne, Surgeon, Account of an Ossification of the Thoracic Duct, read on 20 April 1780
Basire VII, 332 (Dissected thoracic duct)
Basire VIII, 332 (Dissected heart)
- XXII, 345-353, Perceval, Thomas, An Account of a New and Cheap Method of Preparing Pot-Ash, with Observations, read on 6 April 1780
B. IX, 350 (Diagrams)
- XXIV, 378-386, Ludlam, Mr., The Principal Properties of the Engine for Turning Ovals in Wood or Metal, and of the Instrument for Drawing Ovals upon Paper, Demonstrated, read on 4 May 1780
Basire X, 386 (Diagrams - 4 figures, fold-out)
- XXIX, 507-526, Herschel, Mr., Astronomical Observations Relating to the Mountains of the Moon, read on 11 May 1780
Basire XI, 526 (Diagrams - 5 figures, fold-out)
- XXXII, 546-577, Vince, Rev. S., An Investigation of the Principles of Progressive and Rotatory Motion, read on 15 June 1780
Basire XII, 576 (Diagrams - 9 figures, fold-out)
- XXXIII, 578-583, Cheston, Richard Browne, Continuation of the Case of James Jones, read on 16 November 1780
Ricketts Basire XIII, 582 (A front view of the pelvis)
Basire XIV, 582 (A side view of the pelvis)
- XXXIV, 785-799, Cavallo, Tiberius, Thermometrical Experiments and Observations, read on 15 June 1780
Basire XV, 598 (Illustrations of thermometer and experiment - fold-out)
- 1781, LXXI, 34 articles, 27 plates
I, missing
- VI, 58-66, Hunter, William, Essay on a New Method of Applying the Screw, read on 21 December 1780
II, 66 (Illustrations of the screw - 5 figures, fold-out)
- VI, 67-81, Pennant, Thomas, An Account of the Turkey, read on 21 December 1781
III, 80 (Turkey leg)
- IX, 87-114, Rennell, James, An Account of the Ganges and Burrampooter Rivers, read on 25 January 1781
IV, 114 PLAN of part of the Course of the GANGES, to explain the nature of the steep and shelving Banks, etc.
- X, 115-138, Herschel, William, Astronomical Observations on the Rotation of the Planets Round Their Axes, Made with a View to Determine Whether the Earth's Diurnal Motion is Perfectly Equable, read on 11 January 1781
V, 138 (Astronomical observations - figures 1-13, fold-out)
VI, 138 (Astronomical observations - figures 14-24, fold-out)
- XI, 139-192, Smeathman, Henry, Some Account of the Termites, Which are Found in Africa and Other Hot Climates, read on 15 February 1781
Henry Smeathman Basire VII, 192 (Hill nest, with section, natives and cattle - 7 figures, fold-out)
Henry Smeathman Basire VIII, 192 (Interior of nest - 7 figures, fold-out)
Henry Smeathman Basire IX, 192 (Turret nests - 6 figures - fold-out)
Henry Smeathman Basire X, 192 (Details of termites - 25 figures)
- XV, 229-328, Thompson, Benjamin, New Experiments upon Gun-Powder, with Occasional Observations and Practical Inferences; To Which are Added, an Account of a New Method of Determining the Velocities of All Kinds of Military Projectiles, and the Description of a Very Accurate Eprouvette for Gun-Powder, read on 29 March 1781
Basire XI, 328 (Illustrations of equipment - figures 1-5, fold-out)
Basire XII, 328 (Illustrations of equipment - figures 6-10, fold-out)
Basire XIII, 328 (Illustrations of equipment - figures 11-15, fold-out)
Basire XIV, 328 (Diagrams - figures 16-17, fold-out)
Basire XV, 328 (Diagrams - figure 18)
- XVI, 329-330, Cavallo, Tiberius, Account of a Luminous Appearance in the Heavens, read on 5 April 1781
T. Cavallo Basire XVI, 330 (Appearance of sky)
- XXII, 355-371, Bland, Robert, Some Calculations of the Number of Accidents or Deaths Which Happen in Consequence of Parturition; And of the Proportion of Male to Female Children, as Well as of Twins, Monstrous Productions, and Children That are Dead-Born; Taken from the Midwifery Reports of the Westminster General Dispensary: With an Attempt to Ascertain the Chance of Life at Different Periods, from Infancy to Twenty-Six Years of Age; And Like-Wise the Proportion of Natives to the Rest of the Inhabitants of London, read on 10 May 1781
Basire XVII, 370 (Conjoined twins)
Basire XVIII, 370 (Deformed foetus)
- XXIV, 374-382, Kerr, James, Natural History of the Insect Which Produces the Gum Lacca, read on 24 May 1781
Basire Letterpress 382 Coccus Lacca (insect)
- XXVII, 395-435, Atwood, George, A General Theory for the Mensuration of the Angle Subtended by Two Objects, of Which One is Observed by Rays after Two Reflections from Plane Surfaces, and the Other by Rays Coming Directly to the Spectator's Eye, read on 21 June 1781
Basire XIX, 434 (Diagrams - figures 1-3, fold-out)
Basire XX, 434 (Diagrams - figures 4-6, fold-out)
Basire XXI, 434 (Diagrams - figures 7-12, fold-out)
Basire XXII, 434 (Diagrams - figures 13-16, fold-out)
- XXVIII, 436-448, Broussonet, P.M. Augustus, An Account of the Ophidium Barbatum Linnei, read on 5 July 1781
Basire XXIII, 448 Ophidium barbatum Linn. (fish - 6 figures, fold-out)
- XXXII, 492-501, Herschel, Mr., Account of a Comet, read on 26 April 1781
Basire XXIV, 500 (Positions of stars - figures 1-6, fold-out)
Basire XXV, 500 (Positions of stars - figures 7-8, fold-out)
Basire XXVI, 500 (Illustration of micrometer)
- XXXIV, 509-525, Cavallo, Tiberius, An Account of Some Thermometrical Experiments; Containing, I. Experiments Relating to the Cold Produced by the Evaporation of Various Fluids,

- with a Method of Purifying Ether. II. Experiments Relating to the Expansion of Mercury. III. Description of a Thermometrical Barometer, read on 28 June 1781
T. Cavallo Basire XXVII, 524 (Illustration of experiment - 2 figures)
- 1782, LXXII, 28 articles, 16 plates
- IV, 44-45, Torlese, John, Account of a Monstrous Birth, read on 7 January 1782
Basire I, 44 (Two views of deformed infant)
- VIII, 58-70, Wilson, Patrick, An Experiment Proposed for Determining, by the Aberration of the Fixed Stars, Whether the Rays of Light, in Pervading Different Media, Change Their Velocity according to the Law Which Results from Sir Isaac Newton's Ideas concerning the Cause of Refraction; And for Ascertaining Their Velocity in Every Medium Whose Refractive Density is Known, read on 24 January 1782
B. II, 70 (Diagrams - 5 figures, fold-out)
III, missing
- XI, 82-110, Herschel, William, On the Parallax of the Fixed Stars, read on 24 January 1782
Basire IV, 110 (Observations - 11 figures, fold-out)
- XIII, 163-172, Herschel, William, Description of a Lamp-Micrometer, and the Method of Using It, read on 31 January 1782
Basire V, 172 (Illustration of apparatus - 5 figures)
- XIV, 173-178, Herschel, Mr., A Paper to Obviate Some Doubts concerning the Great Magnifying Powers Used
Basire VI, 178 (Detail of telescope and diagram - 2 figures)
- XXI, 337-354, Smeaton, John, New Fundamental Experiments upon the Collision of Bodies, read on 18 April 1782
VII, 354 Machine for COLLISION (2 figures, fold-out)
- XXII, 355-378, Proceedings Relative to the Accident by Lightning at Heckingham, read on 14 February 1782
Basire VIII, 378 GENERAL PLAN (figure 1, fold-out)
Basire IX, 378 SOUTH WEST VIEW of the EAST WING and part of the CENTRAL RANGE (figure 2, fold-out)
Basire X, 378 (Elevations - figures 3-4, fold-out)
Basire XI, 378 (Section, plan and perspective view - figures 5-8, fold-out)
Basire XII, 378 FULL SIZE of the CONDUCTS. PLAN and SECTION (figures 9-10 and 12, fold-out)
XIII, 378 NORTH-EAST VIEW of the STABLE LEAN-TO (figure 11, fold-out)
- XXIV, 384-388, Brook, Abraham, Account of a New Electrometer, read on 30 May 1782
XIII, 388 (Illustration of electrometer - 2 figures)
Basire XIV, 388 (Internal structure of electrometer - 12 figures, fold-out)
- XXVII, 426-439, Ingen-Housz, John, Some Farther Considerations on the Influence of the Vegetable Kingdom on the Animal Creation, read on 17 June 1782
XV, 438 (Illustration of experiment)
- XXVIII, 440-444, André, William, A Microscopic Description of the Eyes of the Monoculus Polyphemus Linnaei, read on 30 May 1782
XVI, 444 MONOCULUS Polyphemus LINNAEI (King Crab - 5 figures, fold-out)
- 1783, LXXIII, 26 articles, 10 plates
- V, 94-99, Ramsden, Mr., A Description of a New Construction of Eye-Glasses for Such Telescopes as May be Applied to Mathematical Instruments, read on 19 December 1782
Basire I, 98 (Diagrams - 5 figures, fold-out)
- VIII, 106-135, Cavendish, Mr., An Account of a New Eudiometer, read on 16 January 1783
Basire II, 134 (Illustrations of apparatus - 4 figures, fold-out)
- X, 144-168, Wilson, Alexander, An Answer to the Objections Stated by M. De la Lande, in the Memoirs of the French Academy for the Year 1776, against the Solar Spots Being Excavations in the Luminous Matter of the Sun, Together with a Short Examination of the Views Entertained by Him upon That Subject, read on 16 January 1783
B. III, 168 (A Section of the Sun by the Plane of its Equator - 3 figures, fold-out)
- XVII, 247-283, Herschel, William, On the Proper Motion of the Sun and Solar System; With an Account of Several Changes That Have Happened among the Fixed Stars since the Time of Mr. Flamsteed
Basire IV, 282 (Observations - figures 1-2, fold-out)
Basire V, 282 (Observations - figures 3-4, fold-out)
Basire VI, 282 (Observations - figures 5-6, fold-out)
- XX*, 303-370, Hutchins, Thomas, Experiments for Ascertaining the Point of Mercurial Congelation, read on 10 April 1783
VII, *370 (Illustration of thermometer - fold-out)
- XXIII, 435-452, Cavallo, Tiberius, Description of an Improved Air-Pump, and the Account of Some Experiments Made with It, read on 3 July 1783
T.H. Hurter Basire VIII, 452 (Air pump)
T. Cavallo Basire IX, 452 (Details - 4 figures, fold-out)
T. Cavallo Basire X, 452 (Details - 7 figures, fold-out)
- 1784, LXXIV, 40 articles, 21 plates
- IV, 6-19, Page, Sir Thomas Hyde, Descriptions of the King's Wells at Sheerness, Languard-Fort, and Harwich. By Sir Thomas Hyde Page, read on 13 November 1783
Basire I, 20 King's Well, fort Townsend and Sheerness (section and details, with scale - 4 figures, fold-out)
Basire II, 20 King's Well at Harwich (plan and sections, with scale - fold-out)
- VIII, 58-117, Atkins, John, A Meteorological Journal for the Year 1782, Kept at Minehead, in Somersetshire, read on 15 January 1784
Basire III, 58 (Diagram)
- X, 112-115, Aubert, Alex., An Account of the Meteors of the 18th of August and 4th of October, 1783, read on 15 January 1784
T. Cavallo IV, 112 (Observations of meteors - 3 figures)
- XVII, 181-200, Wollaston, Rev. Francis, On a Method of Describing the Relative Positions and Magnitudes of the Fixed Stars; Together with Some Astronomical Observations, read on 5 February 1784
V, 200 (Observations - 3 figures, fold-out)
- XIX, 233-273, Herschel, William, On the Remarkable Appearances at the Polar Regions of the Planet Mars, the Inclination of Its Axis, the Position of Its Poles, and Its Spheroidal Figure; With a Few Hints Relating to Its Real Diameter and Atmosphere, read on 11 March 1784
Basire VI, 272 (Observations - figures 1-25, fold-out)
Basire VII, 272 Track of the bright north polar spot on Mars in June & July 1781 (fold-out)
Basire VIII, 272 Track of the bright south polar spot on Mars in June & July 1781 (fold-out)
Basire IX, 272 Track of the bright south polar spot on Mars in October 1783
Basire X, 272 (Observations - figures 25-31, fold-out)
- XX, 274-282, André, William, A Description of the Teeth of the Anarrhichas Lupus Linnaei, and of Those of the Chaetodon Nigricans of the Same Author; To Which is Added, an Attempt to Prove That the Teeth of Cartilaginous Fishes are Perpetually Renewed, read on 18 March 1784
Basire XI, 282 ANARRHICHAS Lupus LINN. (jaws of the wolf-fish - 4 figures, fold-out)
Basire XII, 282 CHAETODON nigricans LINN.
Basire XIII, 282 (Part of the lower jaw of a large shark - 3 figures)
- XXVII, 358-384, Wedgwood, Josiah, Potter to his Majesty, An Attempt to Compare and Connect the Thermometer for Strong Fire, Described in Vol. LXXII of the Philosophical Transactions, with the Common Mercurial Ones, read on 13 May 1784
Basire XIV, 384 (Illustrations of experiments - figures 1-5, fold-out)
Basire XV, 384 (Illustration of apparatus - figure 6)
- XXXI, 423-427, Woodward, Thomas, Account of a New Plant, of the Order of Fungi. By Thomas Woodward, read on 10 June 1784
Basire XVI, 426 (Illustration of fungus)
- XXXIII, 437-451, Herschel, William, Account of Some Observations Tending to Investigate the Construction of the Heavens, read on 17 June 1784
Basire XVII, 430 (Observations - figures 1-15, fold-out)
Basire XVIII, 430 (Observations - figures 16-18, fold-out)
- XXXIV, 452-456, Davidson, George, An Account of a New Species of the Bark-Tree, Found in the Island of St. Lucia, read on 24 June 1784
Basire XIX, 456 (Illustration of branch of tree and details - 5 figures, fold-out)
- XXXVI, 460-462, Pigott, Edward, Observations of the Comet of 1783, read on 24 June 1784
Basire XX, 462 (Observations of comet - 4 figures, fold-out)
- XL, 477-500, Landerbeck, Nicolas, Methodus Inveniendi Lineas Curvas ex Proprietatibus Variationis Curvaturae. Auctore Nicolao Landerbeck, read on 1 June 1784
Basire XXI, 500 (Illustration of experiment on boat - 2 figures, fold-out)
- 1785, LXXV, 25 articles, 20 plates
- II, 8-15, John, Lightfoot, Rev., An Account of an English Bird of the Genus Motacilla, Supposed to be Hitherto Unnoticed by British Ornithologists, read on 18 November 1784
W. Pxt. I, 14 (Illustration of bird, nest and egg)
- III, 16-31, Anderson, James, Surgeon, An Account of Morne Garou, a Mountain in the Island of St. Vincent, with a Description of the Volcano on Its Summit, read on 18 November 1784
Basire II, 32 (Illustration of volcano)
- IV, 36-39, Hope, John, Description of a Plant Yielding Asa Foetida, read on 18 August 1784
Basire III, 38 (Illustration of plant - fold-out)
IV, 38 (Illustration of plant - fold-out)
- VI, 40-126, Herschel, William Catalogue of Double Stars, read on 9 December 1784
Basire V, 126 (Astronomical observations)
- VIII, 137-152, de Zach, Francis, Professor of Mathematics, Astronomical Observations, read on 23 December 1784

- VI, 152 (4 diagrams)
- X, 165-189, Vince, Rev. Samuel, On the Motion of Bodies Affected by Friction, read on 25 November 1784
Basire VII, 188 (Diagrams - 5 figures, fold-out)
- XII, 213-266, Herschel, William, On the Construction of the Heavens, read on 3 February 1785
Basire VIII, 266 (Observations - 5 figures, fold-out)
- XIV, 272-278, Morgan, William, Electrical Experiments Made in Order to Ascertain the Non-Conducting Power of a Perfect Vacuum, &c., read on 24 February 1785
Basire IX, 278 (Illustration of apparatus - 2 figures)
- XVI, 311-332, Landen, John, Of the Rotatory Motion of a Body of any Form Whatever, Revolving, without Restraint, about any Axis Passing through Its Center of Gravity, read on 17 March 1785
Basire X, 332 (Diagrams - 5 figures)
- XVII, 333-345, Home, Everard, Description of a New Marine Animal, read on 7 March 1783
XI, 344 (Illustration of animal - dead, as no draughtsman could be procured on Barbados while it was alive - 2 figures)
- XVIII, 346-352, Wollaston, Rev. Francis, A Description of a New System of Wires in the Focus of a Telescope, for Observing the Comparative Right Ascensions and Declinations of Coelestial Objects; Together with a Method of Investigating the Same When Observed by the Rhombus, Though It Happen not to be Truly in an Equatorial Position, read on 7 April 1785
Basire XII, 352 (Diagrams - 2 figures)
- XXII, 366-371, Peacock, James, Sketches and Descriptions of Three Simple Instruments for Drawing Architecture and Machinery in Perspective, read on 17 March 1785
Basire XIII, 370 (Drawing board - figure 1, fold-out)
XIV, 370 (Drawing boards - figures 2-3, fold-out)
- XXIII, 372-384, Cavendish, Henry, Experiments on Air, read on 2 June 1785
XV, 384 (Illustration of apparatus - 3 figures, fold-out)
- XXIV, 385-480, Roy, Major-General William, An Account of the Measurement of a Base on Hounslow-Heath, read from 21 April to 16 June 1785
B. XVI, 480 PLAN shewing the situation of the BASE measured on HOUNSLOW HEATH in Summer 1784
B. XVII, 480 For the DESCRIPTION and USE of the STEEL CHAIN (fold-out, with scale)
Basire XVII, 480 For the DESCRIPTION and APPLICATION of the DEAL RODS (fold-out, with scale)
Basire XIX, 480 For the DESCRIPTION and APPLICATION of the GLASS RODS (fold-out, with scale)
Basire XX, 480 For the DESCRIPTION and USE of the MICROSCOPIC PYROMETER (fold-out, with scale)
- 1786, LXXVI, 28 articles, 16 plates
- VII, 160-170, Lightfoot, Rev. John, An Account of Some Minute British Shells, Either not Duty Observed, or Totally Unnoticed by Authors, read on 26 January 1786
Basire I, 168 Nautilus lacustris (7 figures)
Basire II, 168 Helix fontana. Helix spinosa (9 figures)
Basire III, 168 Turbo hellicinis. Patella oblonga (10 figures)
- X, 220-226, Lyon, Rev. John, An Account of a Subsidence of the Ground Near Folkstone, on the Coast of Kent, in a letter communicated by Edward King, read on 16 February 1786
(Rev. John Lyon) Basire IV, 228 (Sketch of the cliff - fold-out)
V, 228 (Diagram of the subsidence)
- XIV, 273-304, Thompson, Colonel Sir Benjamin, New Experiments upon Heat. By Colonel Sir Benjamin Thompson, read on 9 March 1786
Basire VI, 302 (Thermometer)
- XV, 305-312, Lettsom, John Coakley, History and Dissection of an Extraordinary Introsusception, read on 16 March 1786
Basire VII, 312 (General view of the intestines)
Basire VIII, 312 (Same view, with the sigmoid texture laid open)
- XVI, 313-348, Darwin, Robert Waring, New Experiments on the Ocular Spectra of Light and Colours, read on 23 March 1786
IX, 348 (Diagrams - 5 figures, fold-out)
- XVIII, 365-381, Hamilton, Sir William, Some Particulars of the Present State of Mount Vesuvius; With the Account of a Journey into the Province of Abruzzo, and a Voyage to the Island of Ponza, read 4 May 1786
Basire X, 380 ISOLA DI PONZA (map with scale)
Francesco Pregonii Js. Basire XI, 380 (View of part of the inside of the harbour of the island of Ponza)
Js. Basire XII, 380 (View taken from outside the harbour of the island of Ponza)
- XIX, 382-383, Paterson, Lieutenant William, An Account of a New Electrical Fish, read on 11 May 1786
Basire XIII, 383 (Illustration of fish)
- XXII, 390-408, Wedgewood, Josiah, Additional Observations on Making a Thermometer for Measuring the Higher Degrees of Heat, read on 22 June 1786
Basire XIV, 408 (Illustrations of experiment - 4 figures)
- XXVI, 443-456, Camper, Petrus, Conjectures Relative to the Petrifications Sound in St. Peter's Mountain, Near Maestricht, read on 6 July 1786
XV, 456 (Illustrations of fossils - 7 figures, fold-out)
XVI, 456 (Fossilized jaw bone - fold-out)
- 1787, LXXVII, 39 articles, 23 plates
- II, 4-5, Herschel, William, Remarks on the New Comet, read on 16 November 1786
Basire I, 4 (Observations - 6 figures, fold-out)
- V, 32-34, Bennet, Rev. Alexander, Appendix to the Description of a New Electrometer, read on 21 December 1786
Basire II, 34 (Illustration of Electrometer - 2 figures)
Basire III, 34 (Illustration of Electrometer - 2 figures)
Basire IV, 34 (Illustrations of experiments - 8 figures)
- VII, 44-46, Baxter, Alexander, Description of a Set of Halo's and Parhelia, Seen in the Year 1771, in North-America, read on 7 December 1786
Basire V, 46 (Diagram of observations)
- XV, 84-124, Thompson, Sir Benjamin, Experiments on the Production of Dephlogisticated Air from Water with Various Substances, read on 15 February 1787
Basire VI, 124 (Illustration of experiment)
- XVI, 125-129, Herschel, William, An Account of the Discovery of Two Satellites Revolving Round the Georgian Planet, read on 15 February 1787
Basire VII, 128 (Observation)
- XVII, 130-150, Stanhope, Right Charles Earl, Remarks on Mr. Brydone's Account of a Remarkable Thunder Storm in Scotland, read on 15 February 1787
Basire VIII, 150 (Representation of the lightning strike)
- XIX, 188-469, Roy, Major-General William, An Account of the Mode Proposed to be Followed in Determining the Relative Situation of the Royal Observatories of Greenwich and Paris, read on 22 February 1787
Basire IX, 228 MAP shewing nearly the disposition of the TRIANGLES, whereby it is proposed to determine the Relative Situations of the Royal Observatories....
- XXIII, 246-252, Nicholson, William, The Principles and Illustration of an Advantageous Method of Arranging the Differences of Logarithms, on Lines Graduated for the Purpose of Computation, read 29 March 1787
X, 252 Sketch of an Instrument, equivalent to a common Gunter's scale 20 feet in length (5 figures - fold-out)
- XXVII, 288-296, Bennet, Rev. Abraham, An Account of a Doubler of Electricity, or a Machine by Which the Least Conceivable Quantity of Positive or Negative Electricity May be Continually Doubled, Till It Becomes Perceptible by Common Electrometers, or Visible in Sparks, read on 10 May 1787
Basire XI, 296 (Illustrations of experiments - 6 figures)
- XXXI, 307-309, Dryander, Jonas, Botanical Description of the Benjamin Tree of Sumatra, read on 17 May 1787
Basire XII, 309 Styra Benzoin
- XXXIII, 318-343, Smeaton, John, Account of an Observation of the Right Ascension and Declination of Mercury out of the Meridian, Near His Greatest Elongation, Sept. 1786, read on 7 June 1787
Basire XIII, 342 (Diagrams - 2 figures)
- XXXV, 359-362, Swartz, Olof, Chloranthus, a New Genus of Plants, read on 21 June 1787
Ol. Swartz Basire XIV, 262 Chloranthus inconspicuus
- XXXVI, Vince, Rev. Samuel, On the Precession of the Equinoxes, read on 21 June 1787
Basire XV, 366 (Diagrams - 2 figures)
- XXXVIII, 371-450, Hunter, John, Observations on the Structure and Oeconomy of Whales, read on 28 June 1787
Bell Basire XVII, 450 (Illustration of grampus - fold-out)
Bell Basire XVIII, 450 (Illustration of another species of grampus - fold-out)
Bell Basire XVIII, 450 (Illustration of Bottle-nosed whale - fold-out, 2 figures)
Bell Basire XIX, 450 (Illustration of another bottle-nosed whale - fold-out)
Bell Basire XX, 450 Balana Rostrata Fabricius (2 figures, fold-out)
Bell Basire XXI, 450 (External parts of generation of the above, with scale - 5 figures)
Bell Basire XXII, 450 (Side view of one of the plates of whalebone of the above)
Bell Basire XXIII, 450 (More detail of whalebone - 2 figures)
- 1788, LXXVIII, 28 articles, 6 plates
- I, 1-22, Cavallo, Tiberius, Of the Methods of Manifesting the Presence, and Ascertaining the Quality, of Small Quantities of Natural or Artificial Electricity, read on 15 November 1787
T. Cavallo I, 22 (Diagrams - 4 figures)
- VIII, 113-120, Six, James, Experiments on Local Heat, read on 10 January 1788
II, 104 (Diagrams - 12 figures, fold-out)
- XVII, 261-276, Cavendish, Henry, On the Conversion of a Mixture of Dephlogisticated and Phlogisticated Air into Nitrous Acid, by the Electric Spark, read on 17 April 1788

- III, 262 (Results of experiments - fold-out)
T. Cavallo Basire IV, 268 (Illustration of apparatus - 2 figures)
- XXII, 364-378, Nicholson, William, On the Georgian Planet and its Satellites, read on 22 June 1788
Basire V, 378 (Diagrams - 4 figures, fold-out)
- XXVI, 403-407, Nicholson, William, A Description of an Instrument Which, by the Turning of a Winch, Produces the Two States of Electricity without Friction or Communication with the Earth, read on 5 June 1788
Basire VI, 406 (Illustration of apparatus - 2 figures)
- 1789, LXXIX, 24 articles, 4 plates
- I, 1-6, Smeaton, John, Description of an Improvement in the Application of the Quadrant of Altitude to a Celestial Globe, for the Resolution of Problems Dependant on Azimuth and Altitude, read 20 November 1788
J. Smeaton Basire I, 6 (Details of quadrant - 3 figures, fold-out)
- XIV, 157-159, An Account of a Monster of the Human Species, in Two Letters; One from Baron Reichel to Sir Joseph Banks, Bart. and the Other from Mr. James Anderson to Baron Reichel, read on 30 April 1789
T. Reichel Basire II, 160 (Two views of a deformed young man)
- XVIII, 185-198, Waring, Edward, On the Resolution of Attractive Powers, read on 28 May 1789
Basire III, 198 (Diagrams - 8 figures)
- XXII, 265-288, Nicholson, William, Experiments and Observations on Electricity, read on 25 June 1789
Basire IV, 288 (Illustrations of electrical experiments - 7 figures)
- 1790, LXXX, 25 articles, 20 plates
- I, 1-20, Herschel, William, Account of the Discovery of a Sixth and Seventh Satellite of the Planet Saturn; With Remarks on the Construction of Its Ring, Its Atmosphere, Its Rotation on an Axis, and Its Spheroidal Figure, read on 12 November 1789
Basire I, 20 (Observations of Saturn - figures 1-2)
Basire II, 20 (Observations of Saturn - figures 3-4)
Basire III, 20 (Observations of Saturn and its satellites - figures 5-10)
- IX, 73-100, Mills, Abraham, Some Account of the Strata and Volcanic Appearances in the North of Ireland and Western Islands of Scotland, read on 21 January 1790
A.M. July 1788 Basire (Three views of rock formations on Mull)
- XII, Roy, Major-General William, An Account of the Trigonometrical Operation, Whereby the Distance between the Meridians of the Royal Observatories of Greenwich and Paris Has Been Determined, read on 25 February 1790 (also published separately in 4to)
Basire V, 272 FOR THE ACCOUNT of the MEASUREMENT of VERIFICATION in ROMNEY MARSH with the a STEEL CHAIN
Basire VI, 272 PLAN shewing the situation of the BASE of VERIFICATION measured in ROMNEY MARSH in the Autumn of 1787
T. Milne Basire VII, 272 General view of the Instrument
Basire VIII, 272 Plan of the Instrument
Basire IX, 272 (Illustration of microscopes used for the calculation of the series of triangles extending from Windsore to Dunkirk)
Basire X, 272 (On the difference between horizontal angles on a sphere and a spheroid)
Basire XI, 272 VARIOUS MECHANICAL DEVICES USED IN THE COURSE OF THE OPERATION
Basire XII, 272 (Plans of the Greenwich Royal Observatory, Keep of Dover Castle, etc etc)
Basire XIII, 272 PLAN OF THE TRIANGLES whereby the DISTANCE between the ROYAL OBSERVATORIES of GREENWICH and PARIS has been determined
Basire XIV, 272 FOR THE FIGURE OF THE EARTH POLE-STAR OBSERVATIONS. DIFFERENCE OF LONGITUDE....
Basire XV, 272 FOR THE IMPROVEMENT OF THE PLAN OF LONDON and its ENVIRONS
- XIV, 284-292, Blane, Gilbert, Account of the Nardus Indica, or Spikenard, read on 18 March 1790
Basire XVI, 292 (Representation of the plant)
- XVI, 296-305, Home, Everard, An Account of a Child with a Double Head, read on 25 March 1790
(Smith)Wm. Bell Basire XVII, 304 (Side portrait of reclining child)
(Smith)Wm. Bell Basire XVIII, 304 (Views of child's heads and skulls - 2 figures)
- XXIV, 496-559, Wildbore, Rev. Charles, On Spherical Motion, read on 24 June 1790
Basire XIX, 496 The seven Satellites of Saturn as the appeared to be situated on 18th October...1789 (2 figures, fold-out)
Basire XX, 558 Diagrams (12 figures, fold-out)
- 1791, LXXXI, 23 articles, 10 plates
- I, 1-20, de Luc, J.A., A Second Paper on Hygrometry, read on 9 December 1790
Basire I, 20 (Illustration of instrument - 2 figures)
- VII, 106-127, Pictet, Marc Augustus, Considerations on the Convenience of Measuring an Arch of the Meridian, and of the Parallel of Longitude, Having the Observatory of Geneva for Their Common Intersection, read on 24 February 1791
Basire II, 125 (Plan of triangulations in the Alps - fold-out)
- VIII, 129-145, Rennell, James, On the Rate of Travelling, as Performed by Camels; And Its Application, as a Scale, to the Purposes of Geography, read on 17 March 1791
Basire III, 144 Sketch of the ROUTES across the DESERTS, between Aleppo and Bussorah 1791 (fold-out plan)
- IX, 146-171, Waring, Edward, On Infinite Series, read on 24 March 1791
Basire IV, 272 (Diagrams - 2 figures)
- XII, 185-212, Read, John, A Meteorological Journal, Principally Relating to Atmospheric Electricity; Kept at Knightsbridge, read on 14 April 1793
J. Read Basire V, 212 (Illustration of apparatus)
- XV, 228-235, Roxburgh, William, Chermes Lacca, read on 19 May 1791
Basire 1792 VI, 236 (Illustrations of insect - 12 figures)
- XVI, 236-245, Dalby, Isaac, The Longitudes of Dunkirk and Paris from Greenwich, Deduced from the Triangular Measurement in 1787, 1788, Supposing the Earth to be an Ellipsoid, read on 19 May 1791
Basire VII, 244 (Diagrams - 2 figures)
- XIX, 283-294, Cavallo, Tiberius, Description of a Simple Micrometer for Measuring Small Angles with the Telescope, read on 2 June 1791
Cavallo Basire VIII, 294 (Illustration of micrometer scale - 3 figures)
- XXIII, 389-421, de Luc, J.A., A Second Paper on Hygrometry, read on 14 July 1791
J.B. Haas Basire IX, 422 (Illustration of apparatus - figures 1-2)
J.B. Haas Basire X 422 (Illustration of apparatus - figures 3-4)
- 1792, LXXXIII, 22 articles, 10 plates
- I, 1-22, Herschel, William On the Ring of Saturn, and the Rotation of the Fifth Satellite upon Its Axis, read on 15 December 1791
Basire I, 22 (Observations of Saturn - 2 figures)
- V, 81-98, Bennet, Rev. A., A New Suspension of the Magnetic Needle, Intended for the Discovery of Minute Quantities of Magnetic Attraction: Also an Air Vane of Great Sensibility; With New Experiments on the Magnetism of Iron Filings and Brass, read on 26 January 1792
Basire II, 98 (Illustration of apparatus - 2 figures)
- VI, 99-144, Topping, Michael, Part of a Letter from Mr. Michael Topping, to Mr. Tiberius Cavallo, read on 16 February 1792
Basire III, 144 (Diagrams - 2 figures)
- XI, 225-256, Read, John, A Meteorological Journal, Principally Relating to Atmospheric Electricity; Kept at Knightsbridge, from the 9th of May, 1790, to the 8th of May, 1791, read on 26 April 1792
Basire (IV, 256) (Illustration of apparatus and experiment with human figure - 2 figures)
- XIII, 270-282, Wedgwood, Thomas, Continuation of a Paper on the Production of Light and Heat from Different Bodies, read on 10 May 1792
Basire (V, 282) (Illustration of apparatus - 2 figures)
- XVI, 306-361, Schroeter, John Jerome, Observations on the Atmospheres of Venus and the Moon, Their Respective Densities, Perpendicular Heights, and the Twi-Light Occasioned by Them, read 24 May 1792
Basire VI, 360 (Observations of Venus - figures 1-8)
Basire VII, 360 (Observations of Venus - figures 9-10)
Basire VIII, 360 (Observations of the moon's surface - 3 figures)
Basire IX, 360 (Observations of Jupiter - 5 figures)
- XIX, 374-383, Fordyce, George, On the Cause of the Additional Weight Which Metals Acquire by Being Calcined, read on 21 June 1792
J. Basire after p 362
- 1793, LXXXIII, 19 articles, 22 plates
- I, 1-2, Sturges, Rev. Mr., An Account of Two Rainbows, Seen at the Same Time, at Alverstoke, Hants, July 9, 1792, read on 10 January 1793
Basire I, 2 (Diagram)
- II, 3-6, Bell, William, Description of the Double Horned Rhinoceros of Sumatra, read on 10 January 1793
Basire II, 6 (Illustration of standing rhinoceros)
Basire III, 6 (Cranium of the same)
Basire IV, 6 (Upper and lower jaw bones of the same)
- III, 7-9, Bell, William, Description of a Species of Chaetodon, Called, by the Malays, Ecan Bonna, read on 17 January 1793
V, 8 (Illustration of fish)
VI, 8 (Skeleton of the same)
- IX, 59-66, Abernethy, John, Account of Two Instances of Uncommon Formation, in the Viscera of the Human Body, read on 14 February 1793
Basire VII, 66 (Illustration of dissected abdomen)

- Basire VIII, 66 (Illustration of dissected abdomen)
- X, 67-128, Shuckburgh, Sir George, Account of the Equatorial Instrument, read on 21 March 1793
- TBC Basire IX, 128 GENERAL VIEW OF THE EQUATORIAL INSTRUMENT (fold-out)
- Basire X, 128 (Details of instrument - 3 figures)
- Basire XI, 128 (A section of the building in which the instrument is placed)
- Basire XII, 128 (Illustration of the clock with the placing of the hands)
- Basire XIII, 128 (Illustration of the meridian mark at the observatory)
- Basire XIV, 128 (Details of instrument - 2 figures, fold-out)
- XII, 133-153, Wollaston, Francis, A Description of a Transit Circle, for Determining the Place of Celestial Objects as They Pass the Meridian, read on 9 May 1793 (also published separately)
- Milne Basire XV, 152 (Illustration of apparatus)
- Basire XVI, 152 (Details of apparatus - 2 figures)
- XIII, 154-163, Clarke, John, Description of an Extraordinary Production of Human Generation, with Observations, read on 16 May 1793
- Dagley Basire XVII, 162 (External view of human "monster")
- Dagley Basire XVIII, 162 (Internal view of human "monster")
- XIV, 164-167, Schmeisser, John Godfrey, Description of an Instrument for Ascertaining the Specific Gravities of Fluids, read on 16 May 1793
- Basire XIX, 166 (Illustrations of apparatus - 5 figures)
- XVI, 169-181, Young, Thomas, Observations on Vision, read on 30 May 1793
- T. Young Basire XX, 180 (Illustrations of eye - 3 figures)
- XVII, 182-200, Rennell, James, Observations on a Current That Often Prevails to the Westward of Scilly; Endangering the Safety of Ships That Approach the British Channel, read on 6 June 1793
- XXI, 200 CHART of the TRACKS of the HECTOR and ATLAS EAST INDIA SHIPS, in 1778 and 1787, exhibited with a Design to prove the existence of a CURRENT, between USHANT and IRELAND (fold-out)
- XVIII, 201-219, Herschel, William, Observations of the Planet Venus, read on 13 June 1793
- XXII, 218
- 1794, LXXXIV, 27 articles, 21 plates
- II, 2-20, Fordyce, George, Account of a New Pendulum, read on 7 November 1793
- I, 20 (Diagram)
- Basire II, 20 (Detail of pendulum)
- Basire III, 20 (Detail of pendulum - fold-out)
- Basire IV, 20 (Details of pendulum)
- III, 21-27, Home, Everard, Some Facts Relative to the Late Mr. John Hunter's Preparation for the Croonian Lecture, read on 11 November 1793
- Basire V, 36 (Cuttle-fish eye - 2 figures)
- IV, 28-32, Herschel, William, Observations of a Quintuple Belt on the Planet Saturn, read on 19 December 1793
- Basire VI, 32 (Observations of Saturn - 3 figures)
- VI, 39-42, Herschel, William, Account of Some Particulars Observed during the Late Eclipse of the Sun, read on 9 January 1794
- Basire VII, 42 (Diagrams - 4 figures)
- VII, 43-47, Bugge, Thomas, The Latitudes and Longitudes of Several Places in Denmark; Calculated from the Trigonometrical Operations, read on 9 January 1794
- Basire VIII, 46 (Diagrams - 2 figures)
- VIII, 48-66, Herschel, William, On the Rotation of the Planet Saturn upon Its Axis, read on 23 January 1794
- Basire IX, 66 (Dial)
- IX, 67-106, Thompson, Lieutenant-General Sir Benjamin, Count of Rumford An Account of a Method of Measuring the Comparative Intensities of the Light Emitted by Luminous Bodies, read on 6 February 1794
- Basire X, 106 Plan of the inside of the Box and the adjoining parts of the Photometer
- Basire XI, 106 The Box of the Photometer on its stand
- XII, 106 Plan of the two Tables belonging to the Photometer (fold-out)
- Basire XIII, 106 Elevation of the Photometer, with one of the Tables & Carriages
- XI, 119-168, Atwood, George, Investigations, Founded on the Theory of Motion, for Determining the Times of Vibration of Watch Balances, read on 27 February 1794
- Basire XIV, 168 (Diagrams - 7 figures)
- Basire XV, 168 (Illustration of apparatus)
- XIV, 177-195, Blumenbach, John Frederick, Observations on Some Egyptian Mummies Opened in London, read on 10 April 1794
- Basire XVI, 194 (Illustrations of mummies - 4 figures)
- XV, 196-216, Hosaack, David, Observations on Vision, read on 1 May 1794
- Basire XVII, 216 (Diagrams - 6 figures)
- Basire XVIII, 216 (Three illustrations of dissected eye)
- XXIII, 407-417, Hunter, John, Observations on the Fossil Bones Presented to the Royal Society by His Most Serene Highness the Margrave of Anspach, &c., read on 8 May 1794
- Basire XIX, 416 (Two bear skulls)
- XX, 416 (Unidentified animal bones)
- XXVII, 435-440, An Account of an Appearance of Light, like a Star, Seen Lately in the Dark Part of the Moon, by Thomas Stretton, in St. John's Square, Clerkenwell, London; with Remarks upon This Observation, and Mr. Wilkins's. Drawn up, and Communicated by the Rev. Nevil Maskelyne, read on 10 July 1794
- Basire XXI, 440 (Three observations of the moon)
- 1795, LXXXV, 20 articles, 46 plates
- I, 1-23, Home, Everard, The Croonian Lecture on Muscular Motion, read on 13 November 1794
- Basire I, 23 (Illustration of muscle)
- II, 24-45, Vince, Rev. Samuel, The Bakerian Lecture. Observations on the Theory of the Motion and Resistance of Fluids; With a Description of the Construction of Experiments, in Order to Obtain Some Fundamental Principles, read on 27 November 1794
- Basire II, 44 (Illustrations of experiments - figures 1-5)
- Basire III, 44 (Illustrations of experiments - figures 6-8)
- Basire IV, 44 (Illustrations of experiments - figures 9-10)
- V, 73-116, Hamilton, Right Honourable Sir William, An Account of the Late Eruption of Mount Vesuvius, read on 15 January 1795
- (Xaverio Gatta) TBC V, missing (View of the eruption of Vesuvius from S. Lucia, Naples on 15 June 1784)
- (Xaverio Gatta) TBC VI, missing (A view of the lava which destroyed the town of Torre del Greco taken from a boat on 16 June 1794)
- (Xaverio Gatta) Basire VII, 116 (A view of the cloud of smoke and ashes which threatened to destroy Naples on 18 June 1794)
- (Xaverio Gatta) Basire VIII, 116 (A view of Mount Vesuvius and of Somma, taken from Posilipo, 6 July 1794)
- (Antonio Piaggi) Basire IX, 116 (Incomplete drawing made at the eruption at Resina)
- X, 116 (Plan of the city of Torre del Greco, destroyed by the lava flow of 15 June 1794 - fold-out)
- Basire XI, 116 (Plan of Vesuvius and environs, showing lava flows - fold-out)
- VI, 117-176, Schroeter, John Jerome, New Observations in Further Proof of the Mountainous Inequalities, Rotation, Atmosphere, and Twilight, of the Planet Venus, read on 19 February 1795
- Basire XII, 176 (Observations - figures 1-6)
- XIII, 176 (Observations - figures 7-12)
- XIV, 176 (Observations - figures 13-18)
- Basire XV, 176 (Observations - figures 19-20)
- VI, 177-189, Cruikshank, William, Experiments on the Nerves, Particularly on Their Reproduction; And on the Spinal Marrow of Living Animals, read on 13 June 1776 (sic)
- XVI, 189 (Illustrations of experiments on nerves - 3 figures)
- VII, 190-201, Haighton, John, An Experimental Inquiry concerning the Reproduction of Nerves, read on 26 February 1795
- D. Blane J. Caldwell XVII, 201 (Dissected carotid artery and related nerves - 3 figures)
- XI, 221-238, Home, Everard, Some Observations on the Mode of Generation of the Kangaroo, with a Particular Description of the Organs Themselves, read on 5 March 1795
- Basire XVIII, 238 (Female sexual organs - 2 figures, fold-out)
- Basire XIX, 238 (Female sexual organs - fold-out)
- Basire XX, 238 (Kangaroo foetus - 6 figures)
- Basire XXI, 238 (Pelvis)
- XII, 263-269, Smith, Pierce, Observations on the Structure of the Eyes of Birds, read on 26 March 1795
- Basire XXII, 268 (Illustrations of birds' eyes - 7 figures)
- XIII, 270-289, Walker, Richard, Observations on the Best Methods of Producing Artificial Cold, read on 14 May 1795
- Basire XXIII, 288 (Illustrations of apparatus - 8 figures)
- XVIII, 347-409, Herschel, William, Description of a Forty-Foot Reflecting Telescope, read on 11 June 1795
- XXIV, 408 TO KING GEORGE III KING OF GREAT BRITAIN &C. This View of a Forty Feet Telescope, constructed under his Patronage (fold-out view)
- Basire XXV, 408 (Details of telescope - figures 2, 4-6, 8-9)
- Basire XXVI, 408 (Illustration of frame - figure 3)

- Basire XXVII, 408 (Illustration of front set of ladders ladders - figure 7, fold-out)
 Basire XXVIII, 408 (Details of telescope - figures 10-12, 14)
 Basire XXIX, 408 (Illustration of sides of the ladders - figure 13)
 Basire XXX, 408 (Illustration of the back of the ladders - figure 15)
 Basire XXXI, 408 (Details of telescope - figures 16-18, fold-out)
 Basire XXXII, 408 (Details of telescope - figures 19-20, fold-out)
 Basire XXXIII, 408 (Details of telescope - figures 21-27)
 Basire XXXIV, 408 (Details of telescope - figures 28-33)
 Basire XXXV, 408 (Illustration of the back of the tube - figure 34)
 Basire XXXVI, 408 (Details of telescope - figures 35-37)
 Basire XXXVII, 408 (Details of telescope - figures 38-39)
 Basire XXXVIII, 408 (Roller mounted on a frame - figure 40)
 Basire XXXIX, 408 (The construction of the springs - figure 41)
 Basire XL, 408 (Illustration of rollers - figure 42)
 Basire XLI, 408 (Details of telescope - figures 43-44, fold-out)
 Basire XLII, 408 (Details of telescope - figures 45-47)
- XX, 414-591, Williams, Lieut. Col. Edward, Mudge, Capt. William, and Dalby, Isaac, An Account of the Trigonometrical Survey Carried on in the Years 1791, 1792, 1793, and 1794, by Order of His Grace the Duke of Richmond, Late Master General of the Ordnance, read on 25 June 1795 (following William Roy's death)**
 John Warner John Warner XLIII, 592 PORTABLE TRANSIT INSTRUMENT (fold-out)
 John Warner XLIV, 592 ELEVATION of the PLANK and BAR used in determining the lengths of the CHAINS (2 figures, fold-out)
 XLV, 592 (Diagrams - 5 figures, fold-out)
 John Warner XLVI, 592 (Plan with triangulations - fold-out)
- 1796, LXXXVI, 22 articles, 15 plates - printed W. Bulmer
- I Missing
- IV. Mills, Abraham, A mineralogical Account of the Native Gold lately discovered in Ireland, read on 17 December 1795**
 Basire II, 45 SKETCH of the GOLD MINE five miles N.W. from Arklow in the County of Wicklow (fold-out)
- V. Attwood, George, The Construction and Analysis of Geometrical Propositions, Determining the Positions Assumed by Homogeneous Bodies Which Float Freely, and at Rest, on a Fluid's Surface; Also Determining the Stability of Ships, and of Other Floating Bodies, read on 18 February 1796**
 Basire III, 130 (Diagrams 1-6, fold-out)
 Basire IV, 130 (Diagrams 7-15, fold-out)
 Basire V, 130 (Diagrams 16-24, fold-out)
 Basire VI, 130 (Diagrams, 25-28 fold-out)
- X. Brougham, Henry, Experiments and Observations on the Inflection, Reflection, and Colours of Light, read on 28 January 1796**
 Basire VII, 276 (13 illustrative diagrams - fold-out)
- XVII. Home, Everard, A Description of the Anatomy of the Sea Otter, from a Dissection Made November 15th, 1795, read on 26 May 1796**
 Basire VIII, 394 (Side view of the skull of the sea otter)
 Basire IX, 394 (A view of the basis of the skull - fold-out)
 Basire X, 394 (Views of the thoracic duct and the penis - fold-out)
- XVIII. Pearson, George, M.D., Observations on Some Ancient Metallic Arms and Utensils; With Experiments to Determine Their Composition, read on 9 June 1796**
 Basire XI, 450 (metallic arms and utensils - 3 figures, fold-out)
 Basire XII, 450 (Spear-head and section - fold-out)
 Basire XIII, (Saucepan - two views)
 Basire XIV, (Three celts - 3 figures)
 Basire XV, 460 (Steel weapons - 4 figures, fold-out)
- 1797, LXXXVII, 20 articles, 12 plates
- II, 29-42, Huddart, Joseph, Observations on Horizontal Refractions Which Affect the Appearance of Terrestrial Objects, and the Dip, or Depression of the Horizon of the Sea, read on 24 November 1796**
 Basire I, 42 (Diagrams - figures 1-7, fold-out)
- VI, 133-141, Pigott, Edward On the Periodical Changes of Brightness of Two Fixed Stars, read on 12 January 1797**
 Basire II, 142 Sobieski's Shield & part of Antinous. The Northern Crown
- VII, 142-158, Pearson, George, Experiments and Observations, Made with the View of Ascertaining the Nature of the Gaz Produced by Passing Electric Discharges through Water, read on 2 February 1797**
 Basire III, 158 (Illustrations of apparatus - 10 figures, fold-out)
- IX, 197-214, Cruikshank, William, Experiments in Which, on the Third Day after Impregnation, the Ova of Rabbits Were Found in the Fallopian Tubes; and on the Fourth Day after Impregnation in the Uterus itself; With the First Appearances of the Foetus, read on 23 March 1797**
 Basire IV, 214 (Illustrations of early development of rabbit foetus)
- XII, 222-292, Count of Rumford, Benjamin, Experiments to Determine the Force of Fired Gunpowder, read on 4 May 1797**
 Basire V, 292 (Details of cannon - 10 figures, fold-out)
 VI, 292 (Graph - fold-out)
 VII, tbc
- XVI, 352-385, Brougham, Henry, Farther Experiments and Observations on the Affections and Properties of Light, read on 15 June 1797**
 Basire VIII, 350 (Diagrams - figures 1-2, fold-out)
 Basire IX, 350 (Diagrams - figures 3-4, fold-out)
 Basire X, 384 (Experimental observations - 9 figures, fold-out)
- XX, 432-541, William, Lieut. Edward, Mudge, Capt. William, Dalby, Isaac, An Account of the Trigonometrical Survey Carried on in the Years 1791, 1792, 1793, and 1794, by Order of His Grace the Duke of Richmond, Late Master General of the Ordnance, read on 11 May 1797**
 Basire XI, 542 PLAN of the PRINCIPAL TRIANGLES in the TRIGONOMETRICAL SURVEY, 1795-1796
 XII, 542 Part of KENT and SUSSEX laid down FROM a TRIGONOMETRICAL SURVEY IN 1795-1796
- 1798, LXXXVIII, 24 articles, 24 plates
- I, 1-14, Vince, Samuel, The Bakerian Lecture. Experiments upon the Resistance of Bodies Moving in Fluids, read on 9 November 1797**
 I, 14 Apparatus (2 figures)
- III, 47-79, Herschel, William, On the Discovery of Four Additional Satellites of the Georgium Sidus. The Retrograde Motion of Its Old Satellites Announced; And the Cause of Their Disappearance at Certain Distances from the Planet, read on 14 December 1797**
 Basire II, 78 (Observations - figures 1-4, fold-out)
 Basire III, 78 (Observations - figures 5-10, fold-out)
- III, 47-79, Rumford, Benjamin, Count of, An Inquiry concerning the Source of the Heat Which is Excited by Friction, read on 25 January 1798**
 Basire IV, 102 (Details of cannon used in experiment - 8 figures, fold-out)
- VIII, 133-182, Shuckburgh Evelyn, Sir George, An Account of Some Endeavours to Ascertain a Standard of Weight and Measure, read on 22 February 1798**
 Basire V, 182 (Beam Compass - 3 figures, fold-out)
 Basire VI, 182 (Hydrostatic Balance, fold-out)
 Basire VII, 182 (Details of experiments - 3 figures, fold-out)
- XI, vi-310, Atwood, George, A Disquisition on the Stability of Ships, read on 8 March 1798 (also specially paginated offprint)**
 Basire VIII, 308 (Diagrams - figures 1-6, fold-out)
 Basire IX, 308 (Diagrams - figures 7-10, fold-out)
 Basire X, 308 (Diagrams - figures 11-15, fold-out)
 Basire XI, 308 (Diagrams - figures 16-20, fold-out)
 Basire XII, 308 (Diagrams - figures 21-23, fold-out)
 Basire XIII, 308 (Diagrams - figures 24-27, fold-out)
 Basire XIV, 308 (Diagrams - figures 28-29, fold-out)
 Basire XV, 308 (Diagrams - figures 30-31, fold-out)
- XI, 311-331, Prevost, P., Quelques Remarques D'Optique, Principalement Relatives a la Reflexibilite des Rayons de la Lumiere, read on 22 March 1798**
 Basire XVI, 330 (Experimental observations - 3 figures, fold-out)
- XII, 332-345, Home, Everard, An Account of the Orifice in the Retina of the Human Eye, Discovered by Professor Soemmering. To Which are Added, Proofs of This Appearance Being Extended to the Eyes of Other Animals, read on 19 April 1798**
 XVII, 344 (Illustrations of the eye - 5 figures)
- XIII, 346-356, Latham, William, Account of a Singular Instance of Atmospheric Refraction, read on 3 May 1798**
 XVIII, 356 (Heart, liver, blood vessels etc., when dissected)
- XV, 361-368, Clarke, John, Account of a Tumour Found in the Substance of the Human Placenta, read on 17 May 1798**

- XIX, 368 (A view of the foetal surface of the placenta)
 Basire XX, 368 (An external view of the tumour)
- XXVII, 378-396, Brougham, Henry Jun., General Theorems, Chiefly Porisms, in the Higher Geometry, read on 24 May 1798
 Basire XXI, 396 (Diagrams - 11 figures, fold-out)
- XIX, 403-448, Greville, Right Hon., On the Corundum Stone from Asia, read on 7 June 1798
 XXII, 448 (10 figures of cut stones)
- XXI, 469-526, Cavendish, Henry, Experiments to Determine the Density of the Earth, read on 21 June 1798
 Basire XXIII, 526 (Section of the instrument - fold-out)
 XXIV, 526 (Plan of the instrument - 9 figures, fold-out)
- 1799, LXXXIX, 19 articles, 21 plates
- I, 13-23, Vince, Rev. S., The Bakerian Lecture. Observations upon an Unusual Horizontal Refraction of the Air; with Remarks on the Variations to Which the Lower Parts of the Atmosphere are Sometimes Subject, read on 15 November 1798
 Basire I, 22 (Observations of ship, sea and cliffs, with diagram - 10 figures, fold-out)
- IV, 28-30, Home, Everard, Some Additions to a Paper, Read in 1790, on the Subject of a Child with a Double Head, read on 13 December 1798
 Basire II, 30 (Portrait of a child with a double head from the front)
 Basire III, 30 (Portrait of a child with a double head in profile)
- X, 157-178, Home, Everard, An Account of the Dissection of an Hermaphrodite Dog. To Which Are Prefixed, Some Observations on Hermaphrodites in General, read on 7 March 1799
 IV, 178 (Front and rear views of reproductive organs of a hermaphrodite dog - 2 figures)
- XIV, 237-258, Corse, John, Observations on the Different Species of Asiatic Elephants, and Their Mode of Dentition, read on 23 May 1799
 W. Clift Basire V, 236 (Milk tusks of a young elephant)
 W. Clift Basire VI, 236 (Details of teeth - 3 figures, fold-out)
 W. Clift Basire VII, 236 (Third grinder of the upper side of the left jaw - 2 figures)
 W. Clift Basire VIII, 236 (Inferior parts of the teeth of the second grinder in the lower jaw)
 W. Clift Basire IX, 236 (Part of the left side of the lower jaw - fold-out)
 W. Clift Basire X, 236 (Seventh or eighth succeeding grinder in the left side of lower jaw - fold-out)
 W. Clift Basire XI, 236 (A very complete grinder in the left side of the lower jaw of a grown elephant - fold-out)
 W. Clift Basire XII, 236 (A grinder of the upper jaw, divided longitudinally and polished - 3 figures, fold-out)
- XIV, 237-258, Home, Everard, Some Observations on the Structure of the Teeth of Graminivorous Quadrupeds; Particularly Those of the Elephant and Sus Aethiopicus, read on 30 May 1799
 W. Clift Basire XIII, 258 (Longitudinal section of the grinding tooth of an African elephant)
 W. Clift Basire XIV, 258 (Bony substance in the elephant's tooth)
 W. Clift Basire XV, 258 (Longitudinal section of the elephant's tooth highly polished)
 W. Clift Basire XVI, 258 (The grinding surface of the African elephant's tooth)
 W. Clift Basire XVII, 258 (Longitudinal section of a portion of the elephant's tooth)
 W. Clift Basire XVIII, 258 (A side view of the skull of Sus Aethiopicus)
 W. Clift Basire XIX, 258 (A side view of the skull of the young Sus Aethiopicus - 3 figures)
 W. Clift Basire XX, 258 (A transverse section of the horse's grinding tooth - 6 figures)
 W. Clift Basire XXI, 258 (Three views of the grinding tooth of the rhinoceros)
- 1800, XC, 20 articles, 33 plates
- VI, 98-105, Carlisle, Anthony, Account of a Peculiarity in the Distribution of the Arteries Sent to the Limbs of Slow-Moving Animals; Together with Some Other Similar Facts, read on 9 January 1800
 Basire I, 104 (Dried preparation of the Lemur Tardigradus - fold-out)
 S.C. Js. Basire II, 104 (Dissected details of Bradypus Dactylus - 4 figures)
- VII, 106-150, Young, Thomas, Outlines of Experiments and Inquiries Respecting Sound and Light, read on 16 January 1800
 Basire III, 150 (Diagrams - figures 1-23, fold-out)
 Basire IV, 150 (Diagrams - figures 24-28, fold-out)
 Basire V, 150 (Diagrams - figures 29-40, fold-out)
 Basire VI, 150 (Diagrams - figures 41-52, fold-out)
 Basire VII, 150 (Diagrams - figure 53, fold-out)
- XI, 204-238, Howard, Edward, On a New Fulminating Mercury, read on 13 March 1800
 Js. Basire VIII, 238 (Glass globe etc.)
- XII, 239-254, Wollaston, William Hyde, On Double Images Caused by Atmospheric Refraction, read on 3 March 1800
 IX, 254 (Illustrations from experiments, including diagrams - 11 figures, fold-out)
- XIII, 255-283, Herschel, William, Investigation of the Powers of the Prismatic Colours to Heat and Illuminate Objects; With Remarks, That Prove the Different Refrangibility of Radiant Heat. To Which is Added, an Inquiry into the Method of Viewing the Sun Advantageously, with Telescopes of Large Apertures and High Magnifying Powers, read on 27 March 1800
 Basire X, 282 (Apparatus)
- XIV, 284-292, Herschel, William, Experiments on the Refrangibility of the Invisible Rays of the Sun, read on 24 April 1800
 Basire XI, 292 (Apparatus)
- XV, 293-326, Herschel, William, Experiments on the Solar, and on the Terrestrial Rays that Occasion Heat; With a Comparative View of the Laws to Which Light and Heat, or Rather the Rays Which Occasion Them, are Subject, in Order to Determine Whether They are the Same, or Different. Part I, read on 15 May 1800
 Basire XII, 326 (Experimental apparatus - 4 figures)
 Basire XIII, 326 (Experimental apparatus - 2 figures)
 Basire XIV, 326 (Illustration of experiment)
 Basire XV, 326 (Illustration of experiment)
 Basire XVI, 326 (Experimental apparatus - 2 figures)
- XVII 403-431, Volta, Alexander, On the Electricity Excited by the Mere Contact of Conducting Substances of Different Kinds, read on 20 June 1800 (also published separately)
 Basire XVII, 430 (Illustrations of the first battery, which was made of alternating metal layers and saline-soaked leather pads)
- XVIII, 432-436, Home, Everard, Some Observations on the Head of the Ornithorhynchus paradoxus, read on 3 July 1800
 Basire XVIII, 436 (Views of the beak - 3 figures)
 Basire XIX, 436 (Views of the beak - 4 figures)
- XIX, 437-538, Herschel, William, Experiments on the Solar, and on the Terrestrial Rays that Occasion Heat; With a Comparative View of the Laws to Which Light and Heat, or Rather the Rays which Occasion Them, are Subject, in Order to Determine Whether they are the Same, or Different. Part II., read on 6 November
 Basire XX, 538 (Spectrum of heat - diagram)
 Basire XXI, 538 (Box which holds the two thermometers - 2 figures)
 Basire XXII, 538 (Screen, upper part of box and two tablets - 5 figures)
 Basire XXIII, 539 (Box which holds the thermometers, screen, transmitting holes, candle etc - 2 figures.)
 Basire XXIV, 538 (Large screen, shelf and four thermometers)
 Basire XXV, 538 (The box containing the thermometers, bricks and oven - 3 figures)
 Basire XXVI, 538 (Photometer, vane, limiting holes and lamp - 5 figures, fold-out)
- XX, 539-728, Mudge, Captain William, An Account of the Trigonometrical Survey, Carried on in the Years 1797, 1798, and 1799, by Order of Marquis Cornwallis, Master-General of the Ordnance, read on 3 July 1800
 XXVII, 728 PLAN of the PRINCIPAL TRIANGLES in the TRIGONOMETRICAL SURVEY, 1795, 1796, 1799, shewing the DIRECTIONS of the MERIDIANS
 XXVIII, 728 Plan of KING'S SEDGEMOOR with the BASELINE measured thereon (fold-out)
 XXIX, 728 Plan of the Principal Triangles in the TRIGONOMETRICAL SURVEY, 1798
 XXX, 728 (Diagrams - 4 figures)
 XXXI, 728 PLAN of the PRINCIPAL TRIANGLES in the TRIGONOMETRICAL SURVEY, 1799
 XXXII, 728 (Triangles for the survey of Essex and north coast of Kent - fold-out)
 XXXIII, 728 TRIANGLES for the Survey of the Northern and Western Parts of KENT, 1799 (fold-out)
- 1801, XCI, 23 articles, 33 plates
- I, 1-22, Home, Everard, Croonian lecture: on the Irritability of Nerves, read on 20 November 200
 Clift Basire I, 22 (Phrenic nerve of the horse, 3 figures)
- II, 23-88, Young, Thomas, The Bakerian Lecture. On the mechanism of the eye, read on 27 November 1800 (also published separately)
 Basire II, 88 (Diagrams - figures 1-6)
 Basire III, 88 (Figures 7-15)
 Basire IV, 88 (Figure 16)
 Basire V, 88 (Figures 17-27)
 Basire VI, 88 (Figures 28-51)
 Basire VII, 88 (Figures 52-57)

- IV, 120-138, Walker, Richard, On the Production of Artificial Cold by means of Muriate of Lime, read on 22 January 1801
VIII, 138 (Apparatus and thermometer - 2 figures)
- VI, 139-144, Carlisle, Anthony, Account of a monstrous Lamb, read on 29 January 1801
Basire IX, 144 (Illustrations of lamb's head and details - 4 figures)
- VII, 145-152, Thomas, H. Leigh, An anatomical Description of a male Rhinoceros, read on 29 January 1801
X, 152 (4 figures of details)
- VIII, 159-164, Hitchens, Rev. Malachy, An Account of the Discovery of Silver at the Herland Copper Mine, read on 12 February 1801
XI, 164 (fold-out plan)
- IX, 165-168, Combe, Charles, Account of an Elephant's Tusk, in which the Iron Head of a Spear was found embedded, read on 19 February 1801
Basire XII, 168 (6 figures of details of tusk)
- X, 169-192, de Bournon, Count, Descriptions of the Arseniates of Copper, and of Iron, from the County of Cornwall, read on 19 February 1801
Basire XIII, 192 (Crystals, figures 1-8)
Basire XIV, 192 (Figures 9-27)
Basire XV, 192 (Figures 28-32)
- XII, 261-264, Schreibers, Charles, A Historical and Anatomical Description of a doubtful amphibious Animal of Germany, read on 26 March 1801
Basire XVI, 264 (Illustration of animal)
XVII, 264 (6 figures of details)
- XIII, 265-318, Herschel, William, Observations tending to investigate the Nature of the Sun, read on 16 April 1801
XVIII, 318 (Observations, figures 1-9)
XIX, 318 (Observations, figures 10-19)
- XIV, 319-332, Home, Everard, Observations on the Structure, and the Mode of Growth, of the grinding Teeth of the wild Boar, read on 7 May 1801
Wm. Clift Js. Basire XX, 332 (Illustrations of teeth- 3 figures)
Wm. Clift Js. Basire XXI, 332 (Tooth)
Wm. Clift Js. Basire XXII, 332 (Tooth)
Wm. Clift Js. Basire XXIII, 332 (Tooth)
- XV, 333-353, Knight, Thomas Andrew, Account of some Experiments on the Ascent of Sap in Trees, read on 14 May 1801
Js. Basire Basire XXIV, 352 (Fold-out illustration)
Basire XXV, 352 (Fold-out illustration)
Basire XXVI, 352 (Fold-out illustration)
Basire XXVII, 352 (Figures 1-2)
- XVI, 354-362, Herschel, William, Additional Observations tending to investigate the variable Emission of the Light and Heat of the Sun, read on 14 May 1801
XXVIII, 362 (Apparatus, 3 figures)
- XVII, 363-374, Rios, Joseph de Mendoza, On an improved reflecting Circle, read on 4 June 1801
Js. Basire XXIX, 374 (Apparatus, 2 figures)
Js. Basire XXX, 374 (Apparatus, fold-out)
Js. Basire XXXI, 374 (Apparatus, fold-out)
Js. Basire XXXII, 374 (Apparatus, fold-out)
- XXIII, 435-450, Cooper, Astley, Farther Observations of the Effects which take place from the Destruction of the Membrana Tympani of the Ear, read on 25 June 1801
G. Westland Basire XXXIII, 450 (Illustrations of ear, 10 figures)
- 1802, XCII, 18 articles, 18 plates
- II, 12-48, Young, Thomas, Bakerian Lecture. On the Theory of Light and Colours, read on 12 November 1801 (also published separately)
Basire I, 48 (Diagrams, 4 figures)
- IV, 67-84, Home, Everard, A Description of the Anatomy of the Ornithorynchus Paradoxus, read on 17 December 1801
Basire II, 84 (Animal parts, 3 figures)
Basire III, 84 (Skeleton)
Basire IV, 84 (Animal parts, 8 figures)
- VIII, 212-232, Herschel, William, Observations on two recently discovered celestial Bodies, read on 6 May 1802
Basire V, 232 (Observations, 4 figures)
- IX, 233-326, Bournon, Count de, Description of the Corundum Stone, read on 25 March, 1802
Js. Basire VI, 326 (Diagrams, figures 1-16)
Js. Basire VII, 326 (Diagrams, figures 17-30)
Js. Basire VIII, 326 (Diagrams, figures 31-39)
Js. Basire IX, 326 (Diagrams, figures 40-54)
- XI, 348-364, Home, Everard, Description of the Anatomy of the Ornithorynchus Hystrix, read on 3 June 1802
Wm. Clift Js. Basire X, 364 (In profile)
Wm. Clift Js. Basire XI, 364 (3 figures of details)
Wm. Clift Js. Basire XII, 364 (2 figures of details)
Wm. Clift Js. Basire XIII, 364 (from above)
- XII, 368-380, Wollaston, William Hyde, A Method of examining refractive and dispersive Powers, by prismatic Reflection, read on 24 June 1802
Basire XIV, 380 (Diagrams, figures 1-3)
- XIII, 381-386, Wollaston, William Hyde, On the oblique Refraction of Iceland Crystal, read on 24 June 1802
Basire XV, 306 (Diagrams, figures 1-5)
- XVIII, 477-528, Herschel, William, Catalogue of 500 new Nebulae, nebulous Stars, planetary Nebulae, and Clusters of Stars, read on 1 July 1812
XVI,
Js. Basire XVII, 528 (Diagrams, figures 4-8)
Js. Basire XVIII, 528 (Diagrams, figures 9-16)
- 1803, XCIII, 16 articles, 16 plates
- III, 29-274, Henry, William, Experiments on the Quantity of Gases absorbed by Water, under different temperatures, read on 23 December 1802
Basire I, 42 (Illustration of apparatus, 2 figures)
- IV, 43-194, Hatchett, Charles, Experiments and Observations on the various Alloys, on the specific Gravity, and on the comparative Wear of Gold, read on 13 January 1803
J. Basire II, 192 (Illustration of apparatus, 4 figures)
- VIII, 214-232, Herschel, William, Observations of the Transit of Mercury over the Disk of the Sun, read on 10 February 1803
III, 232 (Observations)
- XI, 277-288, Knight, Thomas Andrew, Account of some Experiments on the Descent of Sap in trees, read on 21 April 1803
IV, 288 Oak, Chesnut (fold-out)
- XIII, 321-324, Whidbey, Joseph, An Account of the Sinking of the Dutch Frigate Ambuscade...; with the Mode used in recovering her, read on 28 April 1803
V, 324 (Illustration of recovery - fold-out with scale)
- XIV, 325-338, Bournon, Count de, Observations on a new Species of hard Carbonate of Lime, read on 26 May 1803
Basire VI, 338 (Diagrams, figures 1-13)
- XV, 339-382, Herschel, William, Account of the Changes that have happened, in the last twenty-five years, in the relative Situation of Double-Stars, read on 9 June 1803
Basire VII, 382 (Diagrams, figures 1-2)
Basire VIII, 382 (Diagram, figure 3)
- XVI, 383-508, Mudge, Captain William, An Account of the Measurement of the Arc of the Meridian... Trigonometrical Survey of England... read on 23 June 1802
Basire IX, 508 GENERAL VIEW of the ZENITH SECTOR
Basire X, 508 SECTION of the ZENITH SECTOR (fold-out)
Basire XI, 508 Illustration of the Side of the Interior FRAME (fold-out)
Basire XII, 508 Section of the Bottom of the Telescope, with its micrometer screw etc. (fold-out)
Basire XIII, 508 View of the PLATE carrying one of the Ys (fold-out)
Basire XIV, 508 Top of the External Stand. Bottom of the Internal Frame....
Basire XV, 508 TRIANGLES for ascertaining the Meridional Distance between Clifton and Dunnose (fold-out)
Basire XVI, 508 (2 figures of diagrams)
- 1804, XCIV, 17 articles, 9 plates
- II, 17-22, Carlisle, Anthony, Continuation of an Account of a peculiar Arrangement of the Arteries distributed in the Muscles of slow-moving Animals, read on 8 December 1803
Basire I, 22 (2 figures of anatomical details)
- IV, 30-62, Bournon, Count of, Description of a triple Sulphuret; of Lead, Antimony, and Copper, from Cornwall, read on 22 December 1803
II, 62 (17 figures of crystals)
- VI, 70-76, Home, Everard, Observations on the Orifices found in certain poisonous Snakes, read on 2 February 1804

- W. Clift Basire III, 76 (3 figures of details of snakes)
- VII, 77-182, Rumford, Benjamin, Count of, An Enquiry concerning the Nature of Heat, and the Mode of its Communication, read on 2 February 1804
 Basire IV, 182 (Apparatus, figures 1-3)
 Basire V, 182 (Apparatus, figures 4-6)
 VI
- XIII, 346-352, Russell, Patrick and Home, Everard, Remarks on the voluntary Expansion of the Skin of the Neck, in the Cobra de Capello, read on 14 June 1804
 W. Clift Basire VII, 352 (Snakes' heads, figures 1-3 - fold-out)
 W. Clift Basire VIII, 352 (Snake' heads, figures 4-5 - fold-out)
- XIV, 355-384, Herschel, William, Continuation of the Account of the Changes that have happened in the relative Position of double Stars, read on 7 June 1804
 IX, 384 (Observations, 2 figures)
- 1805, XCV, 23 articles, 9 plates
- II, 31-64, Herschel, William, Experiments for ascertaining how far Telescopes will enable us to determine very small angles, read on 6 December 1804
 I, 64 (Observations, 4 figures)
- VI, 131-154, Piggott, Edward, An Investigation of all the Changes of the variable Star in Sobiesky's Shield, read on 7 February 1805
 Basire II, 154 (Observations, 7 figures)
 Basire III, 154 An extended View of the surrounding Spots. Spherical Views
- XI, 198-210, Carlisle, Anthony, The Physiology of the Stapes, one of the Bones of the Organ of Hearing, read on 4 April 1805
 Basire IV, 210 STAPES and COLUMELAE compared
- XIII, 225-227, Pears, Charles, The Case of a full Grown Woman in whom the Ovaries were deficient, read on 9 May 1805
 Wilm. Clift Basire V, 226 (Illustration of uterus)
- XIV, 228-230, Standert, Hugh Chudleigh, A Description of Malformation in the Heart of an Infant, read on 9 May 1805
 Basire VI, 230 (Illustration of heart, 2 figures)
- XVI, 233-256, Herschel, William, On the Direction and Velocity of the Motion of the Sun, and the solar System, read on 16 May 1805
 Basire VII, 256 (Observations with diagrams, 4 figures - fold-out)
- XVIII, 272-280, Pearson, John, Some Account of two Mummies of the Egyptian Ibis, one of which is in a remarkably perfect State, read on 13 June 1805
 Wm. Clift Basire VIII, 280 (Mummified Ibis - fold-out)
- XIX, 272-280, Herschel, William, Observations on the singular Figure of the Planet Saturn, read on 20 June 1805
 Basire IX, 280 (View of Saturn)
- 1806, XCVI, 22 articles, 21 plates
- I, 1-12, Carlisle, Anthony, The Croonian Lecture on the Arrangement and mechanical Action of the Muscles of Fishes, read on 7 November 1805
 Basire I, 12 (Drawing of a cod - fold-out)
- III, 23-88, Bué, M., Mémoire sur les Quantités imaginaires, read on 20 June 1805
 Basire II, 88 (12 figures of diagrams - fold-out)
- VIII, 195-204, Home, Everard, Account of a small Lobe in the human prostate Gland, which has not before been taken notice of by Anatomists, read on 20 February 1806
 W. Clift Basire III, 204 (Posterior view of the bladder adn prostate gland)
- IX, 205-237, Herschel, William, On the Quantity and Velocity of the solar Motion, read on 27 February 1806
 Basire IV, 236 (Observations, figure 1)
 Basire V, 236 (Observations, figure 2)
 Basire VI, 236 (Observations, figure 3)
 Basire VII, 236 (Observations, figure 4)
 Basire VIII, 236 (Observations, figure 5)
 Basire IX, 236 (Observations, figure 6)
- XII, 269-275, Griffiths, J., Description of a rare Species of worm Shells, read on 13 February 1806
 Wm. Clift Basire X, 275 (Worm shells, figures 1-5 - fold-out)
 Wm. Clift Basire XI, 275 (Worm shells, figures 6-7)
- XIII, 276-292, Home, Everard, Observations on the Shell of the Sea Worm found on the Coast of Sumatra, read on 1 May 1806
 Wm. Clift Basire XII, 292 (Worm shells, 12 figures)
 Wm. Clift Basire XIII, 292 (Worm shells, 3 figures - fold-out)
- XVII, 342-364, Martin, Edward, Description of the mineral Bason, in the Counties of Monmouth, Glamorgan, Brecon, Carmathen and Pembroke, read on 22 May 1806
 XIV.1, 246 (Fold-out plan of South Wales mineral basin)
 XIV.2, 346 Surface (plan of geological strata)
- XIX, 357-384, Home, Everard, Observations on the Camel's Stomach respecting the Water it contains, and the Reservoirs, read on read on 12 June 1806
 Wm. Clift Basire XV, 384 (Longitudinal section of the first stomach)
 Wm. Clift Basire XVI, 384 (Posterior view of the first and second stomachs)
 Wm. Clift Basire XVII, 384 (Internal view of the first stomach)
 Wm. Clift Basire XVIII, 384 (Posterior view of the first stomach)
 Wm. Clift Basire XIX, 384 (The directions of the muscular fibres)
- XXII, 455-467, Herschel, William, Observations and Remarks on the Figure, the Climate, and the Atmosphere of Saturn, abd its Ring, read on 26 June 1806
 Basire XX, 466 (Highly finished view of Telescope - fold-out)
 Basire XXI, 466 (Views of Saturn, 3 figures)
- 1807, XCVII, 16 articles, 18 plates
- I, 1-56, Davy Humptry, The Bakerian Lecture, on some chemical Properties of Electricity, read on 20 November 1806
 Basire I, 56 (4 figures representing experiments)
- II, 57-82, Robertson, Rev. Abram, On the Precession of the Equinoxes, read on 18 December 1806
 Basire II, 82 (11 figures of diagrams - fold-out)
- IV, 93-102, Home, Everard, Observations on the structure of the different Cavities, which constitute the stomach of the Whale, read on 12 February 1807
 Wm. Clift Basire III, 102 (First cavity of the stomach of the bottle-nose porpoise)
 Wm. Clift Basire IV, 102 (Second, third and fourth cavities of the stomach)
- VIII, 139-179, Home, Everard, Observations on the Structure of the Stomachs of different Animals, read on 30 April 1807
 W. Clift Basire V, 178 (Various stomachs, 5 figures - fold-out)
 W. Clift Basire VI, 178 (Beaver's stomach etc., 5 figures)
 W. Clift Basire VII, 178 (Ass's stomach)
 W. Clift Basire VIII, 178 (Kangaroo's stomach)
 W. Clift Basire IX, 178 (Hog's stomach)
 W. Clift Basire X, 178 (Elephant's stomach etc., 3 figures)
 W. Clift Basire XI, 178 (Human stomach etc., 3 figures)
 W. Clift Basire XII, 178 (Lynx's stomach etc., 3 figures)
 W. Clift Basire XIII, 178 (Various dissected stomachs, 4 figures)
- IX, 180-232, Herschel, William, Experiments for investigating the Cause of the coloured concentric Rings, discovered by Sir Isaac Newton, read on 5 February 1807
 Basire XIV, 232 (13 figures of diagrams)
- XII, 247-269, Pepys, William, Haseldine, A new Eudiometer, accompanied with experiments, elucidating its Application, read on 4 June 1807
 Silv. Bevan Basire XV, 258 (Illustrations of apparatus, 5 figures - fold-out)
- XIII, 260-266, Hershel, William, Observations on the Nature of the new celestial Body discovered by Dr. Olbers, read on 4 June 1807
 Basire XVI, 266 (4 figures of observations)
- XIV, 267-292, Allen, William and Pepys, William Haseldine, On the Quantity of Carbon in carbonic Acid, and on the Nature of the Diamond, read on 18 June 1807
 Silv. Bevan Basire XVII, 292 (- fold-out)
- XV, 293-294, Carne, Joseph, An Account of the Relistian Tin Mine, read on 7 May 1807
 XVIII, 294 (Simplified section of mine)
- 1808, XCVIII, 22 articles, 9 plates
- III, 55-62, Smithson, James, On the Composition of the Compound Sulphuret from Huel Boys, read on 28 January 1808
 I, 62 (2 figures of crystals)
- VII, 111-119, Reeve, Henry, Some Account of Cretinism, read on 11 February 1808
 Basire II, 118 (Front view of skull)
 Basire III, 118 (Side view of skull)
- XII, 145-163, Herschel, William, Observations of a Comet, made with a View to investigate its Magnitude, read on 7 April 1808
 IV, 162 (2 figures of observations)
- XIV, 187-222, Richardson, William, DD, A Letter on the Alterations that have taken place in the Structure of Rocks...in the Counties of Derry and Antrim, read on 17 March 1808

- J. Basire V, 222 *View of Portmoon (picturesque view of coastline with figures and copper plate inscription - fold-out)*
- Robt. O'Neil J. Basire VI, 222 *View of Pleskin on the north-West Side of Bengore Promontory*
(picturesque view of coastline with figures, rowing board and inscription - fold-out)
- XVII, 249-281, Allen, W., **On the Changes produced in Atmospheric Air, and Oxygen Gas, by Respiration, read on 16 June 1808**
Silvanus Bevan Basire VII, 250 *(Illustration of apparatus)*
- XVIII, 282-303, Henry, William, **Description of an Apparatus for the Analysis of the Compound Flammable Gases by slow Combustion, read on 23 June 1808**
Basire VIII, 302 *(Illustration of apparatus, with scale)*
- XIX, 304-312, Home, Everard, **An Account of some Peculiarities in the anatomical Structure of the Wombat, read on 23 June 1808**
Clift J. Basire IX, 312 *(Stomach of a male wombat, turned inside-out, and inflated)*
- 1809, XCIX, 27 articles, 18 plates
- III, 39-104, Davy, Humphry, **The Bakerian Lecture, An Account of some new analytical Researches on the Nature of certain Bodies...; with some general Observations on Chemical Theory, 15 December 1808**
Basire I, 104 *(4 figures illustrating apparatus)*
- IV, 105-145, Troughton, Edward, **An Account of a Method of Dividing Astronomical and other Instruments, by ocular Inspection, read on 2 February 1809**
Basire II, 145 *(Details of instruments - figure 1)*
Basire III, 145 *(Details of instruments, figures 2-4)*
Basire IV, 145 *(Details of instruments, figures 5-7)*
- IX, 177-187, Home, Everard, **On the Nature of the intervertebral Substance in Fish and Quadrupeds, read on 23 February 1809**
(pp 184-185) (Unnumbered plate of close-up of vertebra)
- XII, 206-220, Home, Everard, **An anatomical Account of the Squalus Maximus, read on 11 May 1809**
Wm. Clift J. Basire VI, 220 *(An engraving of the Squalus Maximus caught at Hastings in 1808)*
Wm. Clift J. Basire VII, 220 *(Stomach of the Squalus Maximus)*
Wm. Clift J. Basire VIII, 220 *(2 figures of intestines)*
Wm. Clift J. Basire IX, 220 *(The stomach of the common dog-fish)*
- XIII, 221-231, Cavendish, Henry, **On an Improvement in the Manner of dividing astronomical Instruments, read in 18 May 1809**
J. Basire X, 231 *(4 figures of diagrams)*
- XVI, 253-258, Wollaston, William, **Description of a reflective Goniometer, read on 8 June 1809**
XII, 258 *(Illustration of Goniometer)*
- XVII, 259-302, Herschel, William, **Continuation of Experiments for investigating the Cause of coloured concentric rings, read on 23 March 1809**
J. Basire XII, 302 *(Diagrams, figures 1-11 - fold-out)*
J. Basire XIII, 302 *(Diagrams, figures 12-13 - fold-out)*
XIV, 302 *(Figure 14 - fold-out)*
- XVIII, 303-312, Earle, Sir James, **An Account of a Calculus from the human Bladder of uncommon Magnitude, read on 15 June 1809**
Wm. Clift J. Basire XV, 312 *(Calculus)*
Wm. Clift J. Basire XVI, 312 *(Calculus after examination)*
- XXIV, 400-403, Rennell, James, **On the Effect of Westerly Winds in raising the Level of the British Channel, read on 22 June 1809**
J. Basire XVII, 403 *(Fold-out plan of English Channel)*
- XXV, 404-429, Allen, William, **On Respiration, read on 22 June 1809**
Alb. Martin J. Basire XVIII, 429 *(Fold-out view of experiment with apparatus)*
- 1810, C, 16 articles, 15 plates
- II, 16-74, Davy, Humphry, **The Bakerian Lecture for 1809, on some electrochemical Researches, on various Objects, read on 16 November 1809**
J. Basire I, 74 *(Different apparatus, figures 1-3)*
J. Basire II, 74 *(Different apparatus, figures 4-6)*
- V, 123-135, Gibson, Benjamin, Surgeon, **Description of an extraordinary human Fœtus, read on 8 February 1810**
J. Basire III, 134 *(Anterior view of the heart and arteries, removed from the body)*
J. Basire IV, 134 *(Posterior view of the heart and arteries)*
- VII, 149-177, Herschel, William, **Supplement to the first and second part of the Paper of Experiments, read on 15 March 1810**
J. Basire V, 176 *(Diagrams, figures 1-8)*
J. Basire VI, 176 *(Diagrams, figures 9-14)*
- IX, 184-189, Home, Everard, **On the Gizzards of grazing Birds, read on 4 April 1810**
Wm. Clift J. Basire VII, 189 *(The gizzard of a turkey)*
Wm. Clift J. Basire VIII, 189 *(The gizzard of a swan)*
- XII, 205-222, Home, Everard, **On the Mode of Breeding of the Oviparous Shark, read on 7 June 1810**
W. Clift J. Basire IX, 222 *(Inside belly of dog-fish)*
W. Clift J. Basire X, 222 *(The holders in their extended state)*
W. Clift J. Basire XI, 222 *(Inside of belly of female Squalus Acanthias)*
W. Clift J. Basire XII, 222 *(Oviduct of the Squalus Acanthias - 4 figures)*
W. Clift J. Basire XIII, 222 *(Uterus of a pregnant kangaroo - fold-out)*
- XV, 258-293, Macartney, J., **Observations upon luminous Animals, read on 17 May 1810**
J. Basire XIV, 292 *(Marine animal, figures 1-3)*
J. Basire XV, 292 *(Other animals, figures 4-19)*
- 1811, CI, 19 articles, 7 plates
- V, 96-109, Wollaston, William Hyde, **On the Non-existence of Sugars in persons labouring under Diabetes Mellitus, 24 January 1811**
J. Basire I, 101 *(illustration of test results)*
- XIII, 242-256, J. Farey, Sen., **An Account of the Great Derbyshire Denudation, read on 21 March 1811 ("Mineral Surveyor")**
J. Farey J. Basire II, 256 *A Sketch of the principal FAULTS AND DISLOCATIONS OF THE STRATA IN AND AROUND DERBYSHIRE*
(with compass and scale)
- XIV, 257-260, Macartney, James, **An Account of an Appendix to the small Intestines of Birds, read on 21 March 1811**
J. Basire III, 260 *(Intestinal canal of the snipe, 2 figures)*
- XVI, 269-336, Herschel, William, **Astronomical Observations relating to the Construction of the Heavens, read on 20 June 2011**
J. Basire IV, 336 *(Observations on black background, figures, 1-22)*
J. Basire V, 336 *(Observations on black background, figures, 23-42)*
- XIX, 378-391, Wells, William Charles, **Observations and Experiments on Vision, read on 4 July 1811**
"Engraved by" J. Basire VI, 378 *Longitudinal Section of Shehallien through the two Cairns....Section of Shehallien in the Plan of the Meridian (fold-out with scales)*
J. Basire VI*, 378 *(Diagram)*
- 1812, CII, 22 articles, 17 plates
- III, 83-89, Home, Everard, **An Account of some Peculiarities in the structure of the Organ of Hearing of the Balaena Mysticetus, read on 12 December 1811**
W. Clift J. Basire I, 88 *(External view of Whale's organ of hearing)*
W. Clift J. Basire II, 88 *(Internal view of Whale's organ of hearing)*
- V, 115-143, Herschel, William, **Observations of a Comet, with Remarks on the Construction of its different Parts, read on 19 December 1811**
J. Basire III, 135 *(Diagram)*
- IX, 163-168, Home, Everard, **Observations intended to show the progressive Motion of Snakes is partly performed by means of the Ribs, read on 27 February 1812**
W. Clift J. Basire IV, 168 *(Details of vertebrae and ribs of Boa Constrictor)*
W. Clift J. Basire V, 168 *(Details of vertebrae and ribs of Boa Constrictor)*
W. Clift J. Basire VI, 168 *(Details of vertebrae and ribs of Boa Constrictor)*
- XVI, 247-309, Knight, Thomas, **On the Attraction of such Solids as are terminated by Planes, read on 19 March 1812**
J. Basire VII, 308 *(Diagrams, figures 1-12)*
J. Basire VIII, 308 *(Diagrams, figures 13-26)*
- XIX, 370-377, Wollaston, William Hyde, **On a periscopic Camera Obscura and Periscope, read on 11 June 1812**
J. Basire IX, 376 *(4 figures of diagrams)*
- XIX, 378-393, Brodie, B.C., **Further Experiments and Observations on the influence of the Brain on the generation of animal Heat, read on 18 June 1812**
J. Bagnold J. Basire X, 380 *(Apparatus)*
- XX, 394-404, Home, Everard, **On the different Structures and Situations of the solvent Glands in the digestive Organs of Birds, read on 18 June 1812**
W. Clift J. Basire XI, 404 *(The gizzard of the Soland goose)*
W. Clift J. Basire XII, 404 *(Cardiac cavity and gizzard of three birds types - 4 figures)*
W. Clift J. Basire XIII, 404 *(Digestive organs of the parrot)*
W. Clift J. Basire XIV, 404 *(External view of the cardiac cavity and gizzard of the American ostrich)*
W. Clift J. Basire XV, 404 *(Internal view of the cardiac cavity and gizzard of the American ostrich)*

	W. Clift	Js. Basire	XVI, 404	(External view of the cardiac cavity and gizzard of the African ostrich)
	W. Clift	Js. Basire	XVII, 404	(Internal view of the cardiac cavity and gizzard of the African ostrich)
1813, CIII, 33 articles, 22 plates				
II, 8-26, Herschel, J.F.W., On a remarkable Application of Cotes's Theorem, read on read on 12 November 1812				
	J. Basire	I, 26		(Diagram)
V, 51-63, Wollaston, William Hyde, Bakerian Lecture. On the elementary Particles of certain Crystals, read on 26 November 1812				
	W. Lowry	II, 62		(Diagrams - 15 figures) (engraving by Wilson Lowry, inventor of the ruling machine)
IX, 77-81, Home, Sir Everard, A Description of the solvent Glands and Gizzards of the Ardea Argala, the Casuarius Emu, and the long-legged Casowary from New South Wales, 17 November 1812				
	J. Howship	Js. Basire	III, 80	(Cross-section of organs)
	J. Howship	Js. Basire	IV, 80	(Cross-section of organs)
	J. Howship	Js. Basire	V, 80	(Cross-section of organs)
XVI, 119-122, Wollaston, William Hyde, Description of a single-lens Micrometer, read on 25 February 1813				
	Js. Basire	VI, 122		(Illustration of apparatus - 3 figures)
XVIII, 126-130, Home, Sir Everard, On the Tusks of the Narwhale, read on 18 February 1813				
	Js. Basire	VII, 130		(Skull and tusks of the Narwhale)
XIX, 131-137, Trimmer, William Kirby, An Account of some organic Remains found near Brentford, read on 4 March 1813				
	Js. Basire	VIII, 136		(Grinding teeth of elephants - 2 figures)
	Js. Basire	IX, 136		(Grinding teeth of the hippopotamus)
	Js. Basire	X, 136		(Tusk and fore tooth of the hippopotamus)
	Js. Basire	XI, 136		(Bones of the deer kind)
	Js. Basire	XII, 136		(Two portions of the horns of the deer)
XX, 138-145, Austin, Revd. Gilbert, On a new Construction of a Condenser and Air-Pump, read on 11 March 1813				
	Js. Basire	XIII, 144		(Overview of apparatus - figures 1-2)
	Js. Basire	XIV, 144		(Details of apparatus - figures 3-9)
XXIV, Clanny, William Reid, On the Means of procuring a steady Light in Coals Mines without the Danger of Explosion, read on 20 May 1813				
	Js. Basire	XV, 205		(Illustration of lamp - 3 figures)
XXVII, 227-241, Home, Everard, Additions to an Account of the Anatomy of the Squalus Maximus, read on 24 June 1813				
(page 239 mentions that Mr Howship stepped in because of Mr Clift's indisposition, and commends his knowledge of anatomy)				
	J. Howship	Js. Basire	XVI, 238	(Pectoral fin of the Squalus Maximus - 2 figures)
	J. Howship	Js. Basire	XVII, 238	(Internal view of the stomach and duodenum of the Squalus Maximus - 2 figures)
	J. Howship	Js. Basire	XVIII, 238	(The heart of the Squalus Maximus laid open)
	J. Howship	Js. Basire	XIX, 238	(Side view of the brain of the Squalus Maximus)
	J. Howship	Js. Basire	XX, 238	(View of the upper surface of the brain of the Squalus Maximus)
	J. Howship	Js. Basire	XXI, 238	(View of the upper surface of the brain of the Squalus Acanthias)
	W. Clift	Js. Basire	XXII, 238	(View of the heart of the Lophius Piscatorius)
1814, XCIV, 32 articles, 20 plates (NB increasing use of wood cuts on letter press)				
I, not found				
IV, 51-61, Brande, William Thomas, Bakerian Lecture: on some new electro-chemical Phenomena, read on 25 November 1813				
	Js. Basire	II, 60		(Illustration of experiment, 2 figures)
IX, 107-120, Konig, Charles, On a fossil human Skeleton from Guadaloupe, read on 10 February 1814				
	W. Alexander	Js. Basire	III, 120	(Fold-out illustration of skeleton in situ)
X, 121-186, Ivory, James, A new Method of deducing a first Approximation to the Orbit of a Comet from three geocentric Observations, read on 17 February 1814				
	J. Basire	IV, 186		(Diagrams, 3 figures)
XI, 187-218, Brewster, David, On the Affections of Light transmitted through crystallized Bodies, read on 23 December 1813				
	Js. Basire	V, 218		(Observations, 5 figures)
	Js. Basire	VI, 218		(Observations, 4 figures)
	Js. Basire	VII, 218		(Observations, 42 figures)
XII, 219-230, Brewster, David, On the Polarization of light by oblique transmission through all Bodies whether crystallized or uncrystallized, read on 27 January 1814				
	Js. Basire	VIII, 230		(Diagrams, 4 figures)
XIV, 248-, Herschel, William, Astronomical Observations relating to the sidereal part of the Heavens, and its Connection with the nebulous part, read on read on 24 February 1814				
	Js. Basire	IX, 284		(Observations, 17 figures - fold-out)
XV, 285-302, Sepping, Sir Robert, On a new Principle of constructing His Majesty's Ships of War, read on 10 March 1814 (also published separately)				
	X, 302			(Section, plan and other details of a warship's construction - fold-out)
XVI, 303-335, Young, Thomas, Remarks on the Employment of oblique Riders, and on other Alterations in the Construction of Ships, read on 24 March 1814				
	Js. Basire	XI, 336		(Diagrammatic details - 7 figures)
XVIII, 348-396, Hey, Richard, Propositions containing some Properties of Tangents to Circles; and of Trapeziums inscribed in Circles, and non-inscribed, read on 31 March 1814				
	Js. Basire	XII, 396		Figures for the Introducing Propositions (13 figures, fold-out)
	Js. Basire	XIII, 396		Figures for Perspective Propositions (13 figures, fold-out)
XIX, 397-418, Brewster, David, On new Properties of Light exhibited in the optical Phenomena of Mother of Pearl, read on 28 April 1814				
	XIV, 418			(Diagrams - 6 figures)
XX, 419-435, Kater, Capt. Henry, An improved Method of dividing astronomical Circles and other Instruments, read on 5 May 1814				
	Js. Basire	XV, 434		(Details of instrument, 7 figures fold-out)
	XVI, 434			(Astronomical circle - fold-out)
XXVIII, 571-577, Home, Sir Everard, Some Account of the fossil Remains of an Animal more nearly allied to fishes than any other Classes of Animal, read on 23 June 1814				
	W. Clift	Js. Basire	XVII, 576	(A side view of the skull and two jaws)
	W. Clift	Js. Basire	XVIII, 576	(The continuation of the chain of vertebrae)
	W. Clift	Js. Basire	XIX, 576	(Portions of ribs)
	W. Clift	Js. Basire	XX, 576	(Three vertebrae sawn through)
1815, XCV, 23 articles, 16 plates (contains a paper by William Clift, the anatomical draughtsman)				
I, 1-18, Brewster, David, Additional observations on the optical properties and structure of heated glass and unnealed glass drops, read on 10 November 1814				
	I, 8			(3 figures)
II, 9-28, Roget, Peter M., Description of a new instrument for performing mechanical the involution and evolution of numbers, read on read on 17 November 1814				
	II, 28			(Rulers, figures 1-4)
	Js. Basire	III, 28		(Circle, figure 5)
	IV, 28			(Figure 6)
III, 29-53, Brewster, David, Elements on the depolarisation of light as exhibited by various animal, mineral and vegetable bodies, read on 15 December 1814				
	Js. Basire	V, 52		Luminous Sectors exhibited by Oil of Mace (4 figures)
IX, 125-159, Brewster, David, On the laws which regulate the polarisation of light by reflexion from transparent bodies, read on 16 March 1815				
	Js. Basire	VI, 158		(Diagrams, 4 figures)
X, 161-181, Knox, John, On some phenomena of colours, exhibited by thin plates, read on 6 April 1815				
	Js. Basire	VII, 180		(Newtonian rings, figures 1-2, fold-out)
	Js. Basire	VIII, 180		(Newtonian rings, figures 3-6, fold-out)
	Js. Basire	IX, 180		(Newtonian rings, figures 7-15, fold-out)
XI, 182-202, Rennell, James, Some further observations on the current that often prevails, to the westward of the Scilly islands, read on 13 April 1815				
	Basire	X, 202		CHART of the TRACKS of the HECTOR and the ATLAS EAST INDIA SHIPS, IN 1778 AND 1787 (fold-out sea chart)
XVI, 256-264, Home, Sir Everard, Of the structure of organs of respiration in animals which appear to hold an intermediate place between those of the class pisces and those of the class vermes, 1 June 1815				
	Wm. Clift	Js. Basire	XI, 164	(A view of a portion of the lamprey)
	Wm. Clift	Js. Basire	XII, 164	(The respiratory organs of an animal from the South Seas)
	Wm. Clift	Js. Basire	XIII, 164	(The respiratory organs of the aphrodita aculeata and leech)
XVII, 265-269, Home, Sir Everard, On the mode of generation of the lamprey and myxine, read on 15 June 1815				
	Wm. Clift	Js. Basire	XIV, 268	(Details of a dissected lamprey - 2 figures)
XVIII, 270-292, Brewster, David, On the multiplication of images, and the colours which accompany them in some specimens of calcareous spar, read on 8 June 1815				
	Js. Basire	XV, 292		(Diagrams, 17 figures)
XIX, 293-362, Herschel, William, A series of observations of the satellites of the Georgian Planet, including a passage through the node of their orbits, read on 8 June 1815				
	Js. Basire	XVI, 362		(Astronomical circle and observations, 3 figures)
1816, CVI, 25 articles, 21 plates				

- I, 1-22, Davy, Sir H., On the fire-damp of coal mines, and on methods of lighting the mines so as to prevent its explosion, read on 9 November 1815
J. Basire I, 22 (Safety lamps designed by Humphry Davy for use by miners - 10 figures, fold-out)
- IV, 46-114, Brewster, David, On new properties of heat, as exhibited in its propagation along plates of glass, read on 11 January 1816
J. Basire II, 114 (Experimental results, figures 1-13)
J. Basire III, 114 (Experimental results, figures 14-26)
J. Basire IV, 114 (Experimental results, figures 27-44)
J. Basire V, 114 (Experimental results, figures 45-53)
- VIII, 138-148, Robertson, Rev. Abram, Demonstrations of the late Dr. Maskelyne's formulae for finding the longitude and latitude of a celestial object, read on 15 February 1816
J. Basire VI, 148 (Diagrams, 6 figures)
- IX, 149-155, Home, Sir Everard, Some account of the feet of those animals whose progressive motion can be carried on in opposition to gravity, read on 22 February 1816
W. Clift *J. Basire* VII, 154 (The external form of the Lacerta Gecko)
W. Clift *J. Basire* VIII, 154 (Five figures of details of the feet of the same)
- X, 156-178, Brewster, David, On the communication of the structure of doubly refracting crystals to glass, muriate of soda, fluor spar, and other substances, read on 29 February 1816
J. Basire IX, 178 (Experimental results, figures 1-14)
J. Basire X, 178 (Experimental results, figures 15-28)
- XV, 270-280, Mornay, A.F., An account of the discovery of a mass of native iron in Brazil, read on 16 May 1816
J. Basire XI, 280 Plan of the Mass of Native iron. Elevation of the Mass of Native Iron
- XXI, 311-317, Brewster, David, On the structure of the crystalline lens in fishes and quadrupeds, as ascertained by its action on polarised light, read on 20 June 1816
Pages 16-17 (Six figures of experimental observations)
- XXII, 318-321, Home, Sir Everard, Some farther account of the fossil remains of an animal, of which a description was given to the Society in 1814, read on 13 June 1816
J. Basire XIII, 320 (Impressions of ribs and vertebrae)
Wm. Clift *J. Basire* XIV, 320 (A single vertebra at natural size)
Wm. Clift *J. Basire* XV, 320 (Scapula, 2 figures)
XVI, 320 (The bones of the pectoral fin at natural size)
- XXIII, 332-330, Home, Sir Everard, Farther observations on the feet of animals who progressive motion can be carried on against gravity, read on 27 June 1806
Franz Bauer *James Basire* XVII, 330 (Six different view of the third toe of the fore foot of the lacerta gecko, 6 figures)
Franz Bauer *James Basire* XVIII, 330 (Different view of the leg of the blue bottle fly, 11 figures)
Franz Bauer *James Basire* XIX, 330 (Different view of the leg of the cimbelex lutea, 9 figures)
Franz Bauer *James Basire* XX, 330 (Different details of the legs of the ditiscus marginalis, 15 figures)
Franz Bauer *James Basire* XXI, 330 (Details of legs of crickets and grasshoppers, 10 figures)
- 1817, CVII, 28 articles, 20 plates (Note that mathematical papers like those of Knight, Babbage etc tend not to lend themselves to illustration)
- I, 1-12, Home, Sir Everard, An account of the circulation of the blood in the class Vermes of Linnaeus, read on 7 November 1816
W. Clift *J. Basire* I, 12 (Posterior view of the heart)
W. Clift *J. Basire* II, 12 (The same in an opposite point of view)
W. Clift *J. Basire* III, 12 (Three figures of the lumbricus marinus and one of the lumbricus terrestris)
- II, 13-21, Johnson, James Rawlins, Observations on the Hirudo Vulgaris, read on 14 November 1816
James Basire IV, 20 (11 figures of details of the Hirudo vulgaris)
- VIII, 77-85, Davy, Sir Humphry, Some new experiments and observations on the combustion of gaseous mixtures, read on 23 January 1817
J. Basire V, 84 (Different forms of the miner's safe lamp)
- IX, 86-135, Dupin, Charles, De la structure des vaisseaux Anglais, considérée comme ses dernier perfectionnements, read on 19 December 1816
J. Basire VI, 134 Figures de l'Examen théorique du nouveau Système de Charpente (4 figures)
- XIII, 183-196, Wollaston, Rev. Francis John Hyde, Description of a thermometrical barometer for measuring altitudes, read on 6 March 1817
J. Basire VII, 196 (Illustration of instrument, 7 figures)
- XVIII, 252-261, Home, Sir Everard, On the passage of the ovum from the ovarium to the uterus in women, read on 1 May 1817
Franz Bauer *J. Basire* VIII, 260 (The uterus laid open from behind)
Franz Bauer *J. Basire* IX, 260 (The right ovarium laid open - coloured in BM Print Room version)
Franz Bauer *J. Basire* X, 260 (The left ovarium and fallopian tube laid open - coloured in BM print room version)
Franz Bauer *J. Basire* XI, 260 (Different view of the ovum, 4 figures)
- XXII, 293-296, Leach, William Eilford, Observations on the genus Octoe of Rafinesque, with a description of a new species, read on 5 June 1817
XII, (6 figures of details illustrating the Ocythoe Cranchii)
- XXIII, 297-301, Home, Sir Everard, The distinguishing characters between the ova of the Sepia, and those of the vermes testacea, read on 5 June 1817
Franz Bauer *J. Basire* XIII, 300 (The shell and ova of the helix janthina, 7 figures)
Franz Bauer *J. Basire* XIV, 300 (The shell and ova of the argonauta, 7 figures)
- XXIV, 302-331, Herschel, William, Astronomical observations and experiments tending to investigate the local arrangement of the celestial bodies in space, read on 19 June 1817
J. Basire XV, 330 (Observations, 2 figures)
- XXV, 332-228, Home, Sir Everard, Some account of the nests of the Java swallow, and of the glands that secrete the mucus of which they are composed, read on 26 June 1817
Franz Bauer *J. Basire* XVI, 338 (Gullet details of these and other birds under magnification, 9 figures)
- XXVI, 339-346, Johnson, Dr., Observations on the Hirudo complanata, and the Hirudo stagnalis, now formed into a distinct genus under the name Glossopora, read on 26 June 1817
XVII, 346 (Details of leech-like animals, 13 figures)
- XXVII, 347-352, Home, Sir Everard, Observations on the gastric glands of the human stomach, read on 26 June 1817
XVIII, 352 (Magnified details of the oesophagus and the cardiac portion, 3 figures)
XIX, 352 (Magnified details of the duodenum and the pyloric portion, 3 figures)
XX, 352 (Human stomach in a distended state)
- 1818, CVIII, 27 articles, 23 plates
- I, 1-8, Seppings, Sir Robert, On the Great Strength given to Ships of War by the Application of Diagonal Braces, read on 27 November 1817 (also published separately)
J. Basire A Sketch showing the manner of applying the Trusses in the Ports and in the Hold of Her Majesty's Ship, Justitia (2 figures, fold-out plan)
- II, 24-32, Home, Sir Everard, Additional facts respecting the fossil remains of an animal, read on 22 January 1818
W. Clift *J. Basire* II, 32 (Sternum bones of fossil and of oxyrhynchus paradoxus - 2 figures)
W. Clift *J. Basire* III, 32 (unidentified bone from the same fossil)
- IV, 33-102, Kater, Captain Henry, An account of the experiments for determining the length of the Pendulum vibrating seconds in the latitude of London, read on 29 January 1818
IV, 102 (Pendulum apparatus, 5 figures - fold-out)
Caroline Browne *W. Lowry* V, 102 (Highly finished view of interior of room with pendulum clocks and apparatus)
- VII, 118-136, Rennie, George, MD, Foreign Secretary of RS, Account of experiments made on the strength of materials, read on 12 February 1818
G. Rennie *J. Basire* VI, 136 (Details of apparatus with scale, fold-out)
G. Rennie *J. Basire* VII, 136 (Details of apparatus with scale, fold-out)
- XII, 185-198, Home, Sir Everard, Some additions to the Croonian Lecture, on the changes the blood undergoes in the act of coagulation, read on 5 March 1818
Franz Bauer *J. Basire* VIII, 198 (Globules of human blood in different circumstances and details of muscle fibre, 6 figures)
Franz Bauer *J. Basire* IX, p 198 (Blood a drop magnified, coloured in the BM copy)
Franz Bauer *J. Basire* X, p 198 (Blood a drop magnified in a greater degree- coloured)
Franz Bauer *J. Basire* XI, p 198 (Blood coagulum injected, 2 figures, coloured)
Franz Bauer *J. Basire* XII, p 198 (Blood coagulum injected in the body, coloured)
Franz Bauer *J. Basire* XIII, p 98 (Coagulate Lymph injected on intestine - coloured)
Franz Bauer *J. Basire* XIV, p 198 (Blood coagulated on testicle and injected - coloured)
- XIII, -199273, Brewster, David, On the laws of polarisation and double refraction in regularly crystallized bodies, read on 15 January 1818
J. Basire XV, 272 (Diagrams, figures 1-6)
J. Basire XVI, 272 (Diagrams, figures 7-13)
- XVI, 308-315, Granville, A.B., On a mal-conformation of the uterine system in women, read on 16 April 1818
J. Basire XVII, 314 (Illustration of uterus)
- XVII, 316-337, Davy, Sir H., New experiments on some of the combinations of phosphorus, read on 9 April 1818
XVIII, 336 (Apparatus)
- XVIII, 338-394, Ure, Andrew, New experimental researches on some of the leading doctrines of caloric, read on 30 April 1818
J. Basire XIX, 394 (Apparatus, 3 figures)
- XXI, 217-219, Home, Sir Everard, A description of the teeth of the Delphinus Gangeticus, read on 4 June 1818
W. Clift *J. Basire* XX, 419 (Jaw bones and teeth, 3 figures)
- XXIII, 429-470, Herschel, William, Astronomical observations and experiments, selected for the purpose of ascertaining the relative distance of clusters of stars, read on 11 June 1818
J. Basire XXI, 470 (observations, 3 figure - fold-out)

- XXIV, 471-476, Smith, Thomas, On the structure of the poisonous fangs of serpents, read on 4 June 1818
 XXII, 476 (Representations of poisonous fangs)
- XXVII, 486-517, Lambton, Lieutenant-Colonel William, An abstract of the results deduced from the measurement of an arc on the meridian.... read on 21 May 1818
 Js. Basire XXIII, 516 PLAN of the PRINCIPAL TRIANGLES from which the whole ARC between Punnae and Daumergidda is deduced (fold-out chart with copper plate inscription)
- 1819, CIX, 22 articles, 19 plates
- I, 1-10, Home, Sir Everard, The Croonian lecture. On the conversion of Pus into granulations or new Flesh, read on 5 November 1818
 Franz Bauer Js. Basire I, p 10 (Granulations, appearance of, 2 figures, coloured)
 Franz Bauer Js. Basire II, p 10 (Skinning, process of - coloured)
- IV, 59-69, Home, Sir Everard, On Corpora Lutea, read on 14 January 1819
 Franz Bauer Js. Basire III, p 68 (Human ovaria in one of which an ovum was found, 7 figures, coloured)
 Franz Bauer Js. Basire IV, p 68 (Human ovaria after impregnation, 5 figures, coloured)
 Franz Bauer Js. Basire V, p 68 (Human ovaria for corpora lutea, figures, coloured)
 Franz Bauer Js. Basire VI, p 68 (Cow ovaria at two months old and after impregnation, figures, coloured)
 Franz Bauer Js. Basire VII, p 68 (Cow ovarium for sections of a corpus lacteum, 3 figures, coloured)
 Franz Bauer Js. Basire VIII, p 68 (Sow ovaria in a maiden state, 6 figures, coloured)
 Franz Bauer Js. Basire IX, p 68 (Sow ovaria for corpora lutea, 6 figures, coloured)
- VIII, 112-122, Sabine, Captain Edward, On Irregularities observed in the direction of the Compass Needles of HMS Isabella and Alexander in their late voyages of discovery, read on 18 February 1819
 Js. Basire X, 122 (Two figure showing errors in ship compass readings)
- XII, 161-208, Marcet, Alexandre, On the specific gravity, and temperature of Sea Waters, in different parts of the Ocean, read on 20 May 1819
 L.J.M. Js. Basire XI, 208 (Measuring machine)
 Js. Basire XII, 208 (Improved measuring machine, 2 figures)
- XIV, 212-216, Home, Sir Everard, Reasons for giving the name Proteus-Saurus to the fossil skeleton, which has been described, read on 1 April 1819
 Wm. Clift Js. Basire XIII, 216 (A portion of the skull of the proteo-saurus)
 de la Boche Js. Basire XIV, 216 (The sternum)
 Wm. Clift Js. Basire XV, p 216 (The complete skeleton of the proteo-saurus, compared to other proteus, 3 figures - fold-out)
- XVI, 234-240, Home, Sir Everard, On the ova of different the tribes of Opposum and Ornithorhynchus, read on 25 March 1819
 Franz Bauer Js. Basire XVI, p 240 (Ovarium of the Kangaroo, 5 figures)
 Franz Bauer Js. Basire XVII, p 240 (Opposum ovaria, 8 figures)
 Franz Bauer Js. Basire XVIII, p 240 (Ovarium of the Ornithorhynchus, 8 figures, coloured)
 Franz Bauer Js. Basire XIX, p 240 (Hen ovaria, 4 figures, coloured)
- 1820, CX, 22 articles, 32 plates
- I, 1-10, Home, Sir Everard, Croonian Lecture. A farther investigation of the component parts of the Blood, read on 4 November 1819
 Franz Bauer Js. Basire I, p 10 (Aneurismal Tumour, section of, 3 figures, coloured)
 Franz Bauer Js. Basire II, p 10 (Tumours, sections of, 7 figures, coloured)
- II, 11-28, Brande, William Thomas, The Bakerian Lecture. On the composition and analysis of the inflammable gaseous compounds resulting from the destructive distillation of coal and oil, 18 November 1819
 III, 28 (Details of apparatus, 3 figures)
- III, 29-44, Carson, James On the elasticity of the lungs, read on 25 November 1819
 Js. Basire IV, 44 (Illustration of experiment)
- IV, 45-100, Herschel, J.F.W., On the action of crystallized bodies on homogeneous light, read on 23 December 1819
 Js. Basire V, 100 (Experimental observations, 6 figures)
- V, 101-107, Granville, A.B., A case of the human foetus found in the ovarium, of the size it usually acquires in the fourth month, read on 13 January 1820
 Franz Bauer Js. Basire VI, p 106 Human Ovarium, case of Pregnancy - coloured)
 Franz Bauer Js. Basire VII, p 106 (Human Ovarium case, another view - coloured)
- VIII, 134-143, Sepping, Sir Robert, On a new principle of constructing ships in the mercantile navy, read on 20 March 1820
 Js. Basire VIII, 142 (Illustration of joining of ship's hull, figures 1-3)
 Js. Basire IX, 142 (Illustration of joining of ship's hull, figures 3-4)
 Js. Basire X, 142 (Illustration of joined timbers)
 Js. Basire XI, 142 (Illustrations of the old and new method of framing the stern)
- IX, 144-155, Home, Sir Everard, On the milk tusks, and the organ of hearing of the Dugong, read on 13 April 1820
 W.H. Clift Js. Basire XII, 154 (Skull and tusk of the dugong, 3 figures)
 W.H. Clift Js. Basire XIII, 154 (Skull and tusks of the dugong, 3 figures)
 W.H. Clift Js. Basire XIV, 154 (Jaw and teeth of the dugong, 4 figures)
- XI, 159-164, Home, Sir Everard, On the mode of formation of the canal for containing the spinal marrow...of the Proteosaurus, read on 4 May 1820
 William Clift Js. Basire XV, 164 (Skull, jaw etc, 2 figures)
 William Clift Js. Basire XVI, 164 (Transverse section of nasal bones)
- XII, 165-173, Bauer, Francis, Some experiments on the fungi which constitute the colouring matter of the red snow found in Baffin's Bay, read on 11 May 1820
 XVII, 173 (Experimental observations, 5 figures)
- XIV, 183-195, Home, Sir Everard, Observations on the Human Urethra, showing its internal structure, as it appeared in the Microscope of F. Bauer, read on 1 June 1820
 Franz Bauer Js. Basire XVIII, p 194 (Sections of the Penis to show the parts of which it is composed, 2 figures, coloured)
 Franz Bauer Js. Basire XIX, p 194 (Sections of the Human Penis, 4 figures, coloured)
 Franz Bauer Js. Basire XX, p 194 (The Corpora Cavemosa of the Human Penis, 3 figures, coloured)
 Franz Bauer Js. Basire XXI, p 194 (The nervous Papillae on the Glans Penis, 6 figures, coloured)
 Franz Bauer Js. Basire XXII, p 194 (Structure in the Human Urethra, 2 figures, coloured)
 Franz Bauer Js. Basire XXIII, p 194 (Internal membrane of the human urethra, 4 figures, coloured)
- XVI, 209-213, Home, Sir Everard, An account of a new mode of performing the High Operation for the Stone, read on 15 June 1820
 William Clift Js. Basire XXIV, 213 (Forceps, catheter and penis, 5 figures)
- XX, 315-323, Home, Sir Everard, Particulars respecting the anatomy of the dugong, read on 29 June 1820
 Wm. Clift Js. Basire XXV, 322 (External appearance of a young dugong)
 Wm. Clift Js. Basire XXVI, 322 (The stomach distended)
 Wm. Clift Js. Basire XXVII, 322 (Detail of different organs, 3 figures)
 Wm. Clift Js. Basire XXVIII, 322 (The heart)
 Wm. Clift Js. Basire XXIX, 322 (Portions of lung and trachea, 2 figures)
 W. Clift Js. Basire XXX, 322 (The glans penis, vagina and urethra, 2 figures)
 W. Clift Js. Basire XXXI, 322 (Sternum of young dugong, pelvis bones of female, 2 figures)
- XXI, 324-329, Perkins, Jacob, On the compressibility of Water, read on 29 June 1820
 Js. Basire XXXII, 328 (Piezometer, 3-4 figures)
- 1821, CXI, 28 articles, 30 plates
- I, 1-6, Home, Sir Everard, On the black rete mucosum of the negro, being a defense against the scorching effect of the sun's rays, read on 9 November 1820
 Ken Green/ Francis Bauer Js. Basire I, p 6 (Experimental observations - fold-out)
- V, 25-46, Home, Sir Everard, Croonian Lecture. Microscopical observations on the following subjects.... read on 7 December 1820
 Franz Bauer Js. Basire II, p 46 (Microscopic view of various bodily fluids, 4 figures, coloured)
 Franz Bauer Js. Basire III, p 46 (Human Stomach for lymphatics: Skates Blood, 6 figures, coloured)
 Franz Bauer Js. Basire IV, 46 (The human stomach and spleen)
 Franz Bauer Js. Basire V, 46 (The human spleen)
 Franz Bauer Js. Basire VI, 46 (Sections of the human spleen, 4 figures)
 Franz Bauer Js. Basire VII, 46 (Sections of the human spleen, 4 figures)
 Franz Bauer Js. Basire VIII, 46 (Section of the spleen, 2 figures)
- IX, 101-102, Dollond, G. An account of a Micrometer made of Rock Crystal, read on 25 January 1821
 Js. Basire IX, 102 (Details of apparatus, 2 figures)
- XI, 130-132, Kater, Henry Captain, Notice respecting a volcanic appearance in the Moon, read on 8 February 1821
 Js. Basire X, 132 (Illustration of moon)
- XV, 191-208, Davy, Sir Humphry, Some Observations and Experiments on the Papyri found in the Ruins of Herculaneum, read on 15 March 1821
 Js. Basire XI, 208 (Papyrus partly unrolled and box of papyri, 2 figures)
 Js. Basire XII, 208 (Unrolled papyrus and Greek fragments, 3 figures)
 Js. Basire XIII, 208 (Roman manuscript, partly Greek text)

- Js. Basire XIV, 208 (Fragments of a Greek manuscript)
- Js. Basire XV, 208 (Fragments of another Greek manuscript)
- Js. Basire XVI, 208 (Fragments in Latin)
- Js. Basire XVII, 208 (Fragments supposed to be Latin, but written in peculiar characters)
- Js. Basire XVIII, 208 (Specimens of fragments in Greek)
- XVII, 222-267, Herschel, J.F.W., On the alterations of compound lenses, and object-glasses, read on 22 March 1821**
- Js. Basire XIX, 266 (Diagrams, 6 figures)
- XVIII, 268-275, Home, Sir Everard, An account of the skeletons of the dugong, two-horned rhinoceros and tapir of Sumatra, read on 22 March 1821**
- Wm. Clift Js. Basire XX, 274 (The skeleton of a small female dugong)
- XXI, 274 (The stomach of the rhinoceros from Sumatra inverted)
- R. Hills Esq. Js. Basire XXII, 274 (The skeleton of the rhinoceros from Sumatra)
- William Clift Js. Basire XXIII, 274 (The skull of the tapir from Sumatra)
- Wm. Clift Js. Basire XXIV, 274 (The skull of the tapir from America)
- XXV, 361-389, Barlow, Peter, On the effects produced on the rates of chronometers in the proximity of masses of iron, read on 28 June 1821**
- Js. Basire XXV, 388 (3 figures)
- XXVI, 390-391, Home, Sir Everard, On the peculiarities which distinguish the Manatee of the West Indies from the Dugong of the East Indian seas, read on 12 June 1821**
- William Clift Js. Basire XXVI, 290 (Manatee - engraving surpasses frame at top and bottom)
- William Clift Js. Basire XXVII, 290 (Skeleton of manatee)
- William Clift Js. Basire XXVIII, 290 (Stomach of the manatee)
- William Clift Js. Basire XXIX, 290 (Stomach of the manatee)
- XXVIII, 398-424, Bell, Charles, On the nerves; giving an account of some experiments on their structure and functions which lead to a new arrangement of the system, read on 12 July 1821**
- Charles Bell Js. Basire XXX, 424 (The engraving shows the nerves of the face)
- 1822, CXII, 34 articles, 50 plates**
- IV, 32-37, Wollaston, William Hyde, On the concentric adjustment of a triple Object-glass, read on 13 December 1821**
- Js. Basire I, 36 (Diagrams, 13 figures)
- V, 38-45, Home, Sir Everard, On a new species of rhinoceros found in the interior of Africa, read on 13 December 1821**
- William Clift Js. Basire II, 44 (Skull and horn of rhinoceros, 2 figures)
- W. H. Clift Js. Basire III, 44 (Fossil skull of a rhinoceros from Siberia)
- VI, 46-49, Hall, Captain Basil, Observations of a comet seen at Valparais, read on 10 January 1822**
- Js. Basire IV, 48 (Observations)
- VIII, 64-75, Davy, Sir Humphrey, On the electrical phenomena exhibited in vacuo, read on 20 December 1821**
- Js. Basire V, 74 (Apparatus)
- IX, 76-85, Home, Sir, Everard, Croonian Lecture. On the anatomical structure of the eye, illustrated by microscopical drawings, executed by F. Bauer, read on 15 November 1821**
- Franz Bauer Js. Basire VI, 78 (Details of the human eye, 8 figures)
- Franz Bauer Js. Basire VII, 78 (Details of the human eye, 9 figures)
- Franz Bauer Js. Basire VIII, 78 (Ten figures of the external and internal appearance of a bullock's eye with internal structures under magnification)
- Franz Bauer Js. Basire IX, 78 (Eight figures, two of a dissected goose's head, views from above and side; with internal views of the eye including the vitreous humor and lens)
- Franz Bauer Js. Basire X, 78 (Details of the goose's eye, 11 figures)
- Franz Bauer Js. Basire XI, 78 (more details of the eye, 5 figures)
- Franz Bauer Js. Basire XII, 78 (Two views of a dissected eagle's head, 2 figures)
- XIII, 113-116, Howard, Luke, On the late extraordinary depression of the Barometer, read on 24 January 1822.**
- Js. Basire XIII, p 116 Autographic Curve of the Variations of the Barometer at Tottenham in the months of November and December, 1821
- XV, 127-170, Goldingham, John, Observations for ascertaining the length of the Pendulum at Madras in the East Indies, read on 31 January 1822**
- Observations for Ascertaining the Length of the Pendulum at Madras in the East Indies... by John Goldingham and Captain Kater
- Js. Basire XIV, 170 (Interior view of room with two individuals, including native, and apparatus)
- XVI, 171-236, Buckland, William, Account of an assemblage of Fossil Teeth and bones of Elephant, Rhinoceros, Hippopotamus, Bear, Tiger, and Hyæna, and sixteen other animals, read on 21 February 1822**
- Js. Basire XV, 236 (Map of the country adjacent to the cave at Kirkdale)
- W. Buckland/T. Webster Js. Basire XVI, 236 (View, ground plan and section of the cave at Kirkdale with two individuals, 3 figures)
- T. Webster Js. Basire XVII, 236 (Jaws of modern and fossil hyæna and rat teeth, 5 figures)
- W. Buckland/T. Webster & M. Morland Js. Basire XVIII, 236 (Jaws of modern and fossil hyæna, 3 figures)
- F. Duncombe/T. Webster Js. Basire XIX, 236 (Various hyæna bones, 12 figures)
- M. Morland/W. Clift Js. Basire XX, 236 (Teeth and tusks of various animals, 31 figures)
- M. Morland/W. Clift & T. Webster Js. Basire XXI, 236 (Teeth of a young elephant and hippopotamus, 10 figures)
- M. Morland/F. Duncombe & T. Webster Js. Basire XXII, 236 (Teeth of various animals, 14 figures)
- F. Duncombe Js. Basire XXIII, 236 (Teeth and horn of deer, 5 figures)
- T. Webster Js. Basire XXIV, 236 (Various bones of horse, ox, rabbit, hyæna rat and fox, 18 figures)
- M. Morland/T. Webster & H. O'Neil Js. Basire XXV, 236 (Jaws and teeth of various animals, 33 figures)
- W. Buckland/T. Webster Js. Basire XXVI, 236 (Sectional landscape of levels within the Galienreuth cave complex, near Bamberg, Bavaria, with five individuals)
- XVIII, 239-240, Home, Sir Everard, On the difference in the appearance of the teeth and the shape of the skull in different species of Seals, read on 28 February 1822**
- William Clift Js. Basire XXV, 240 (Skull of a large seal)
- William Clift Js. Basire XXVIII, 240 (Skull of a seal shot near the Orkney Isles)
- William Clift Js. Basire XXIX, 240 (Skull of a seal from the museum of the Royal College of Surgeons)
- XXII, 276-283, Earle, Henry, On the mechanism of the spine, read on 25 April 1822**
- Js. Basire Js. Basire XXX, 282 (Detailed views of vertebra, 6 figures)
- XXIII, 284-312, Bell, Charles, On the nerves which associate the muscles of the chest, in the actions of breathing, speaking and expression, read on 2 May, 1822**
- Charles Bell Js. Basire XXXI, 312 (Cross-section of human head and abdomen, 2 figures)
- XXV, 339-356, Home, Sir Everard, Observations on the changes the egg undergoes during incubation in the common fowl, illustrated by microscopical drawings, read on 16 May 1822**
- Franz Bauer Js. Basire XXXII, 356 (12 figures of details of eggs)
- Franz Bauer Js. Basire XXXIII, 356 (9 figures)
- Franz Bauer Js. Basire XXXIV, 356 (9 figures)
- Franz Bauer Js. Basire XXXV, 356 (9 figures)
- Franz Bauer Js. Basire XXXVI, 356 (9 figures)
- Franz Bauer Js. Basire XXXVII, 356 (9 figures)
- Franz Bauer Js. Basire XXXVIII, 356 (3 figures with chick)
- Franz Bauer Js. Basire XXXIX, 356 (3 figures of egg and chick)
- Franz Bauer Js. Basire XL, 356 (Views of the chick, including dissection, 3 figures)
- Franz Bauer Js. Basire XLI, 356 (Dissected chick, 4 figures)
- XXIX, Home, Sir Everard, 401-407, On the Placenta, read on 27 June 1822**
- Wm. Clift Js. Basire XLII, 406 (The foetal surface of the human placenta)
- Wm. Clift Js. Basire XLIII, 406 (The uterine surface of the human placenta)
- Wm. Clift Js. Basire XLIV, 406 (The foetal surface of the placenta of a monkey)
- Wm. Clift Js. Basire XLV, 406 (The uterine surface of the placenta of a monkey)
- Wm. Clift Js. Basire XLVI, 406 (Details of placenta of the cat and rabbit, 3 figures)
- Wm. Clift Js. Basire XLVII, 406 (The cotyledon placenta of the hedge hog, rat and guinea pig)
- Wm. Clift Js. Basire XLVIII, 406 (Various details relating to the placenta of the cow, deer, goat and sheep, 5 figures)
- XXXI, 437-447, Johnson, J.R., Observations on the genus Planaria, read on 27 June 1822**
- J.R.J. Js. Basire XLIX, 446 (17 figures of botanical details)
- XXXIV, 457-482, Ure, Andrew, On the ultimate analysis of animal and vegetable substances, read on 27 June 1822**
- Js. Basire L, 482 (Horizontal section and side elevation plus details of apparatus, 4 figures)
- 1823, CXIII, 31 articles, 24 plates**
- I, 1-16, Bauer, Francis, The Croonian Lecture. Microscopical observations on the suspension of muscular motions of the Vibrio Tristici, read on 5 December 1822**
- Franz Bauer Js. Basire I, 16 (Details of diseased cereals, 23 figures)

	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>II, 16</i>	<i>(Microscopic views of works, 2 figures)</i>
III, 23-26, Home, Sir Everard, On the difference of structure between the human Membrana Tympani and that of the elephant, read on 12 December 1822	<i>Wm. Clift</i>	<i>Js. Basire</i>	<i>III, 26</i>	<i>(Membrana tympani of human and elephant, 3 figures)</i>
	<i>Wm. Clift</i>	<i>Js. Basire</i>	<i>IV, 26</i>	<i>(Membrana tympani of elephant in situ)</i>
	<i>Wm. Clift</i>	<i>Js. Basire</i>	<i>V, 26</i>	<i>(Membrana tympani of cattle, hare and deer, 6 figures)</i>
IX, 78-90, Whidbey, Joseph, On some Fossil Bones discovered in Caverns in the Limestone Quarries in Oreston, read on 6 February 1823	<i>Js. Basire</i>	<i>Js. Basire</i>	<i>VI, 90</i>	<i>A LONGITUDINAL SECTION of the CAVERNS lately discovered in the BREAKWATER QUARRIES at ORESTON. Sketch no. 1</i>
		<i>Js. Basire</i>	<i>VII, 90</i>	<i>Sketch no. 2</i>
	<i>Wm. Clift</i>	<i>Js. Basire</i>	<i>VIII, 90</i>	<i>(Fossil bones, figures 1-3)</i>
	<i>Wm. Clift</i>	<i>Js. Basire</i>	<i>IX, 90</i>	<i>(Fossil bones, figures 4-5)</i>
	<i>Wm. Clift</i>	<i>Js. Basire</i>	<i>X, 90</i>	<i>(Fossil bones, figures 6-7)</i>
	<i>Wm. Clift</i>	<i>Js. Basire</i>	<i>XI, 90</i>	<i>(Fossil bones, figure 8)</i>
	<i>Wm. Clift</i>	<i>Js. Basire</i>	<i>XII, 90</i>	<i>(Fossil bones, figures 9-10)</i>
X, 91-95, Davis, J.F., On the Chinese Year, read on 19 December 1822	<i>Js. Basire</i>		<i>XIII, 92</i>	<i>CHINESE YEAR (Chinese calendar)</i>
XI, 96-139, Goldingham, John, Experiments for ascertaining the Velocity of Sound, at Madras in the East Indies, read on 20 February 1823	<i>Js. Basire</i>		<i>XIV, 103</i>	<i>Map of parts of the ENVIRONS OF MADRAS, shewing the relative positions of the OBSERVATORY HOUSE STATION, AND THE GUNS</i>
XII, 140-151, Home, Sir Everard, On the double Organs of Generation of the Lamprey, the Conger Eel, the common Eel, the Barnacle, and Earthworm, which impregnate themselves, read on 27 February 1823	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>XV, 150</i>	<i>(The lamprey, 7 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>XVI, 250</i>	<i>(The earth worm, 3 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>XVII, 150</i>	<i>(The earth worm, 3 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>XVIII, 150</i>	<i>(The earth worm, 6 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>XIX, 150</i>	<i>(The earth worm, 9 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>XX, 150</i>	<i>(Barnacles, 14 figures)</i>
XV, 166-186, Bell, Charles, On the motions of the Eye, in illustration of the uses of the muscles and nerves of the orbit, read on 20 March 1823	<i>Charles Bell</i>	<i>Js. Basire</i>	<i>XXI, 186</i>	<i>(Details of the eye, 2 figures)</i>
XVI, 187-188, Pepys, W.H., An account of an apparatus on a peculiar construction for performing electro-magnetic experiments, read on 10 April 1823	<i>Js. Basire</i>		<i>XXII, 187</i>	<i>(Illustration of apparatus)</i>
XXIII, 326-341, Observations and experiments on the daily variation of the Horizontal and Dipping Needles under a reduced directive power, read on 12 June 1823	<i>Js. Basire</i>		<i>XXIII, 335</i>	<i>(Observations on the needles)</i>
XXIV, 342-392, Christie, Samuel Hunter, On the Diurnal Deviations of the Horizontal Needle when under the influence of Magnets, read on 19 June 1823			<i>XXIV, 352</i>	<i>Curves of the diurnal deviations of a magnetic needle - fold-out)</i>
1824, CXIV, 25 articles plus monograph at end, 27 plates, last one out of sequence				
I, 1-10, Home, Sir Everard, The Croonian Lecture. On the internal structure of the Human Brain, when examined in the microscope, as compared with Fishes, Insects and Worms, read on 20 November 1823	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>I, 10</i>	<i>(Details of the human brain, 10 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>II, 10</i>	<i>(Parts of the human brain, compared to the caterpillar, lobster and earthworm, 5 figures)</i>
V, 85-150, Ivory, James, On the figure requisite to maintain the equilibrium of a homogeneous fluid mass that revolves upon an axis, read on 18 December 1824	<i>Js. Basire</i>		<i>III, 118</i>	<i>(Three diagrams)</i>
XI, 233-241, Home, Sir Everard, Some curious facts respecting the Walrus and Seal, read on 4 March 1824	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>IV, 238</i>	<i>(Different views of a walrus flipper, 4 figures)</i>
	<i>L. Rose</i>	<i>Js. Basire</i>	<i>V, 238</i>	<i>(Internal structure of the flipper)</i>
	<i>L. Rose</i>	<i>Js. Basire</i>	<i>VI, 238</i>	<i>(The stomach of the walrus)</i>
	<i>L. Rose</i>	<i>Js. Basire</i>	<i>VII, 238</i>	<i>(Internal organs, 2 figures)</i>
	<i>L. Rose</i>	<i>Js. Basire</i>	<i>VIII, 238</i>	<i>(Placenta of a seal)</i>
XIII, 247-256, Wollaston, William Hyde, On the Apparent Direction of Eyes in a Portrait, read on 27 May 1824	<i>Js. Basire</i>		<i>IX, 256</i>	<i>(Two plates of parts of male portrait heads)</i>
	<i>Js. Basire</i>		<i>X, 256</i>	<i>(Four details of a male portrait head)</i>
	<i>Js. Basire</i>		<i>XI, 256</i>	<i>(Two plates of female portrait heads)</i>
	<i>Js. Basire</i>		<i>XII, 256</i>	<i>(Male portrait head with compass)</i>
XVI, 290-309, Sabine, Captain Edward, A Comparison of the Barometrical Measurement, with the Trigonometrical Determination of a height at Spitzbergen, read on 6 May 1824	<i>Js. Basire</i>		<i>XIII, 294</i>	<i>SKETCH of the Harbour of FAIRHAVEN and the adjacent coast of Spitzberge (fold-out chart with compass and scale)</i>
	<i>Js. Basire</i>		<i>XIV, 294</i>	<i>BEARINGS FROM THE OBSERVATORY (sea chart)</i>
XVII, 310-353, Harvey, George, Experimental Inquiries relative to the distribution and change of the Magnetic Intensity in ships of war, read on 26 February 1824	<i>Js. Basire</i>		<i>XV, 352</i>	<i>(3 sketches of ships from above)</i>
	<i>Js. Basire</i>		<i>XVI, 352</i>	<i>(3 sketches of ships from the side)</i>
	<i>Js. Basire</i>		<i>XVII, 352</i>	<i>(3 sketches of ships from above)</i>
	<i>Js. Basire</i>		<i>XVIII, 352</i>	<i>(3 sketches of ships from the side)</i>
	<i>Js. Basire</i>		<i>XIX, 352</i>	<i>(3 sketches of ships from above and the side)</i>
XVIII, 354-359, Tredgold, Thomas, Civil Engineer, Experiments on the elasticity and strength of hard and soft steel, read on 25 March 1824	<i>Js. Basire</i>		<i>XX, 356</i>	<i>(Line drawing of experimental apparatus)</i>
XXII, 419-423, Home, Sir Everard, An account of the organs of generation of the Mexican proteus, read on 17 June 1824	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>XXI, 420</i>	<i>(The external appearance of the organs of generation, 2 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>XXII, 420</i>	<i>(The male organs in different stages of development, 5 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>XXIII, 420</i>	<i>(The female organs in different stages of development, 9 figures)</i>
1-432, Herschel, John Frederick William and South, James, Observations of the apparent distances and positions of 380 double and triple stars, read on 15 January 1824	<i>Thos. Bradley</i>	<i>Jas. Basire</i>	<i>XXIV</i>	<i>Mr. South's Five Feet Equatorial Instrument (fold-out)</i>
	<i>Thos. Bradley</i>	<i>Jas. Basire</i>	<i>XXV</i>	<i>Front view. Plan of the Iron Frame, Hour circle etc. Figures 3-5</i>
	<i>Thos. Bradley</i>	<i>Jas. Basire</i>	<i>XXVI</i>	<i>Eye piece half the real size</i>
		<i>Js. Basire</i>	<i>IV, part III</i>	<i>(Four figures of astronomical observations)</i>
1825, CXV, 24 articles, 27 plates				
I, 1-65, Christie, Samuel Hunter, On the effects of temperature on the intensity of magnetic forces, read on 17 June 1824	<i>C.C. Christie</i>	<i>Js. Basire</i>	<i>I, 10</i>	<i>(Illustration of apparatus, 3 figures)</i>
II, 66-80, Home Sir Everard, The Croonian Lecture. On the existence of Nerves in the Placenta, read on 18 November 1824	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>II, 80</i>	<i>(Details of the placenta, 7 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>III, 80</i>	<i>(Details of the uterus and foetal surface of the tapir, 4 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>IV, 80</i>	<i>(Details of the placenta, 5 figures)</i>
III, 81-86, Home, Sir Everard, Observations on the changes the Ovum of the Frog undergoes during the formation of the Tadpole, read on 25 November 1824	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>V, 86</i>	<i>(Dissected frog and ova, 11 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>VI, 86</i>	<i>(Development of ova, 6 figures)</i>
	<i>Franz Bauer</i>	<i>Js. Basire</i>	<i>VII, 86</i>	<i>(Further development of ova and tadpole, 4 figures)</i>
IV, 87-130, Whewell, William, A general Method of Calculating the Angles made by any Planes of Crystals, read on 25 November 1824	<i>Js. Basire</i>		<i>VIII, 130</i>	<i>(Diagrams 1-5)</i>
	<i>Js. Basire</i>		<i>IX, 130</i>	<i>(Diagrams 6-15)</i>
	<i>Js. Basire</i>		<i>X, 130</i>	<i>(Diagrams 16-21)</i>
V, 131-140, Roger, P.M., Explanation of an optical deception in the appearance of the spokes of a wheel seen through vertical apertures, read on 9 December 1824	<i>Js. Basire</i>		<i>XI, 140</i>	<i>(5 figures demonstrating illusion)</i>
VI, 141-146, Ritchie, William, On a new photometer, with its application to determine the relative intensities of artificial light, read on 16 December 1826	<i>Js. Basire</i>		<i>XII, 146</i>	<i>(Illustration of apparatus)</i>
VII, 147-178, Kater, Captain Henry, The description of a floating Collimator, read on 13 January 1825	<i>Js. Basire</i>		<i>XIII, 178</i>	<i>(Illustration of apparatus)</i>
VIII, 179-186, Mantell, Gideon, Notice on the Iguanodon, a newly discovered fossil reptile, read on 10 February 1825	<i>Js. Basire</i>		<i>XIV, 186</i>	<i>Teeth of the IGUANODON a newly discovered FOSSIL ANIMAL, from the sandstone of TILGATE FOREST in SUSSEX</i>
X, 203-246, Kidd, J., On the Anatomy of the Mole Cricket, read on 3 and 10 February 1825	<i>T. Whessel</i>	<i>Js. Basire</i>	<i>XV, 246</i>	<i>(14 figures of details)</i>
XI, 247-256, Johnson, J.R., Further observations on Planaria, read on 10 March 1825	<i>J.R.J.</i>	<i>Js. Basire</i>	<i>XVI, 256</i>	<i>(11 figures of observations)</i>

- XII, 257-268, Home, Sir Everard, On the influence of nerves and ganglions in producing animal heat, read on 17 May 1825
Franz Bauer *Js. Basire* XVII, 268 (External and internal appearance of the great splanchnic ganglion, 8 figures)
- XXIII, 269-316, Granville, A.B., An Essay on Egyptian Mummies; with observations on the art of embalming among the ancient Egyptians, read on 14 April 1825
Henry Perry *Js. Basire* XVIII, 316 (Mummy case, wrapped mummy and text, 3 figures)
Henry Perry *Js. Basire* XIX, 316 (Unwrapped mummy with measurements)
Henry Perry *Js. Basire* XX, 316 (Pelvic area with measurements)
Henry Perry *Js. Basire* XXI, 316 (Head with measurements)
Henry Perry *Js. Basire* XXII, 316 (Internal organs, 3 figures, depassing frame)
Henry Perry *Js. Basire* XXIII, 316 (Internal organs, 2 figures, depassing frame)
- XIV, 317-327, Barlow, Peter, On the temporary magnetism of iron arising from its rotation, read on 12 May 1825
- XVI, 347-417, Christie, Samuel Hunter, On the Magnetism of Iron arising from its rotation, read on 12 May 1825
S.H. Christie *Js. Basire* XXV, 354 (Overview of apparatus)
S.H. Christie *Js. Basire* XXVI, 354 (Details, figures 2-6)
- XXVII, 418-428, Woodhouse, Robert, Some account of the transit instrument made by Mr. Dollond, and put up at the Cambridge Observatory, read on 19 May 1825
Js. Basire XXVII, 428 (Line drawing of instrument)
Js. Basire XXVIII, 428 (Different detailed view of the instrument)
- XIX, 436-439, Home, Sir Everard, Microscopical observations on the Materials of the Brain and of the Ova of Animals, read on 3 June 1825
Franz Bauer *Js. Basire* XXIX, 439 (Details of human brain and of pullet's egg, 4 figures)
- 1826, CXVI, 34 articles, 21 plates
- II, 53-54, Jones, Thomas, Description of an improved Hygrometer, read on 16 June 1825 (also offprint)
Js. Basire I, p 54 (Line drawing of hygrometer)
- V, 64-68, Home, Sir Everard, The Croonian Lecture. On the structure of muscular fibre from which is derived its elongation and contraction, read on 15 December 1825
Js. Basire II, 68 (Various muscular fibres, magnified, 4 figures)
- XIV, 189-201, Home, Sir Everard, On the coagulation by heat of the fluid blood in an aneurismal tumour, read on 2 March 1826
Franz Bauer *Js. Basire* III, 194 (Anterior view of the aneurismal sac, 2 figures)
Franz Bauer *Js. Basire* IV, 194 (Internal view of the aneurismal sac, 3 figures)
Franz Bauer *Js. Basire* V, 194 (Remains of a tumour after tying by Mr Hunter, 2 figures)
Franz Bauer *Js. Basire* VI, 194 (Detailed views of coagulum, 6 figures)
- XVIII, 250-265, Babbage, Charles, On a method of expressing by signs the action of machinery, read on 16 March 1826
E. Turrell VII, 261 (Different representations of an eight-day clock)
E. Turrell VIII, 261 (Different representations of an eight-day clock)
E. Turrell IX, 261 (EIGHT-DAY CLOCK (fold-out table))
E. Turrell X, 261 (Mechanical ram)
- XX, 281-303, Young, Thomas, A formulæ for expressing the decrement of human life, read on 2 February 1826
Js. Basire XI, 285 (Graph)
- XXIII, 324-337, Drummond, Lieutenant Thomas, On the means of facilitating the observation of distant stations in geodetical operations read on 4 May 1826
Js. Basire XII, 327 (4 figures demonstrating apparatus)
- XXIV, 338-341, Home, Sir Everard, On the production and formation of pearls, read on 11 May 1826
Js. Basire XIII, 341 (Mussel and pearls, 6 figures)
- XXV, 342-371, Osler, Edward, On burrowing and boring marine animals, read on 25 May 1826
E. Osler *Js. Basire* XIV, 369 (Various marine animals, figures 1-4)
E. Osler *Js. Basire* XV, 369 (Various marine animals, figures 5-10)
- XXVIII, 423-483, South, James, On the discordances between the Sun's observed and computed Right Ascensions, read on 8 June 1826
T. Bradley *Js. Basire* XVI, 428 (View of telescope and details, 5 figures)
T. Bradley *Js. Basire* XVII, 428 (More details of the telescope, figures 6-7)
T. Bradley *Js. Basire* XVIII, 428 (Sections through the axes of the telescope, figures 8-9)
- XXX, 494-528, Babbage, Charles, On electrical and magnetic rotations, read on 15 June 1826
Js. Basire XIX, 495 (Illustration of experiment and results, 3 figures)
- XXXII, 541-547, Perkins, J., On the progressive compression of water by high degrees of force, read on 15 June 1826
Js. Basire XX, 541 (View of the compressing machine, 9 figures - fold-out)
Js. Basire XXI, 544 (Illustration of results - fold-out)
- 1827, CXVII, 23 articles, 15 plates
- I, 1-17, Miller, Lieutenant-Colonel, Description of a Percussion Shell, to be fired horizontally from a common gun, read on 16 and 23 November 1826
Js. Basire I, 6 (Illustration of experiment)
- II, 18-24, Harris, William Snow, On the relative powers of various metallic substances as conductors of electricity, read on 14 December 1826
Jas. Basire II, 24 (Line drawing of apparatus, 2 figures)
- IV, 39-48, Home, Sir Everard, The Croonian Lecture for 1826, read on 16 November 1826
Franz Bauer *Js. Basire* III, 46 (An oyster, 4 figures)
Franz Bauer *Js. Basire* IV, 46 (Details of oyster, 10 figures)
Franz Bauer *Js. Basire* V, 46 (A fresh-water muscle, 2 figures)
Franz Bauer *Js. Basire* VI, 46 (Details of the ova, 8 figures)
- V, 49-57, Harwood, I., On a newly discovered genus of Serpentine Fishes, read on 1 February 1827
I. Harwood *Js. Basire* VII, 56 (Ophiognathus Ampullaceus (4 figures))
- VI, 58-64, Home, Sir Everard, An examination of the structure of the cells of the human lungs, read on 8 February 1827
Franz Bauer *Js. Basire* VIII, 63 (Cells of the human lungs, 3 figures)
Franz Bauer *Js. Basire* IX, 63 (Structure of the human lungs, 6 figures)
- VIII, 71-121, Christie, S.H., On the mutual action of the particles of magnetic bodies, read on 15 and 26 February 1822
C.C. Christie *Js. Basire* X, 73 (Apparatus)
- XII, 132-138, Bell, Thomas, On the structure and use of the submaxillary odoriferous gland in the genus Crocodilus, read on 1 March 1827
Caslon ad nat. *Js. Basire* XI, 138 (Jaw and throat of the alligator, 2 figures)
- XVII, 265-278, Yarrell, William, On the change in the plumage of some Hen-Pheasants, read on 10 May 1827
E. Farrer XII, 275 (Parts of the body of a female pheasant dissected, 2 figures)
- XXI, 301-307, Home, Sir Everard, On the effects produced on the Air Cells of the Lungs when the pulmonary circulation is too much increased, read on 31 May 1827
Franz Bauer *Js. Basire* XIII, 306 (Bronchial ramifications and cells of the lungs, 7 figures)
- XXIII, 355-388, Prout, William, On the ultimate composition of simple alimentary substances, read on 14 June 1827
Js. Basire XIV, 363 (Front view of apparatus, with scale)
Js. Basire XV, 364 (Illustration of experiments, figures 2-5)
- 1828, CXVIII, 21 articles, 15 plates
- II, 15-22, Walker, On the resistance of fluids to bodies passing through them read on 31 May 1827
Js. Basire I, 17 Long board. Smaller boat. View of apparatus
- V, 79-95, Prinsep, James, On the measurement of high temperatures, read on 13 December 1827
Js. Basire II, 87 Section of the Golden Bulb Thermometer. Pyrometer Cupel (2 figures of line drawings)
- VIII, 113-151, Dunlop, James, A catalogue of nebulae and clusters of stars in the southern hemisphere, read on 20 December 1827
James Dunlop *Js. Basire* III, 115 (Observations, 24 figures)
James Dunlop *Js. Basire* IV, 148 (Detailed drawing of observations in night sky, fold-out)
James Dunlop *Js. Basire* V, 148 (Detailed drawing of observations in night sky, fold-out)
Js. Basire VI, 149 (Detailed drawing of observations in night sky, fold-out)
Js. Basire VII, 149 (Detailed drawing of observations in night sky, fold-out)
Js. Basire VIII, 149 (Detailed drawing of observations in night sky, fold-out)
James Dunlop *Js. Basire* IX, 151 Distribution of Nebulae in the Southern Hemisphere from the Pole to the Zenith of Parramatta (fold-out)
- IX, 153-239, Kater, Captain Henry, An account of trigonometrical observations in the years 1821, 1822 and 1823, read on 31 January and 7 February
Js. Basire X, 164 (Diagrams of readings, 3 figures)
Js. Basire XI, 199 TRIANGLES for connecting the MERIDIANS OF PARIS and GREENWICH (fold-out chart)
- X, 240-251, Davy, Sir Humphrey, On the phenomena of volcanoes, read on 20 March 1828
XII, 251 Diagram
- XII, 257-289, Kater, Captain Henry, A description of a vertical floating collimator, 24 April and 1 May 1828

- Js. Basire XIII, 258 (Individual parts of apparatus, 9 figures)
Js. Basire XIV, 262 (View of apparatus)
- XIII, 291-302, Dalton, John, On the height of the Aurora borealis above the surface of the earth, read on 17 April 1828**
Js. Basire XV, 298 Luminous Arch or Aurora Borealis, seen March 29, 1826
- 1829, CXIX, 29 articles, 9 plates**
- I, 1-8, Wollaston, William Hyde, The Bakerian lecture. On a method of rendering Platina malleable, read on 20 November 1828**
Js. Basire I, 4 (Sketch of apparatus)
- II, 9-13, Wollaston, William Hyde, A description of the microscopic doublet, read on 27 November 1828**
Js. Basire II, 10 (Sketches of apparatus, 3 figures)
- VI, 33-46, Barlow, Peter, An account of the preliminary experiments and ultimate construction of a refracting telescope, read on 18 December 1828**
Drawn by W.H. Barlow Js. Basire III, 40 (Finished drawing of inside of observatory with telescope)
- XV, 143-170, Rennie, George, Experiments on the friction and abrasion of the surfaces of solids, read on 12 June 1828**
Js. Basire IV, 150 Elevation of the Apparatus for trying the Friction of Solids
Js. Basire V, 164 Plan and Elevation of the Apparatus for trying the effect of Velocities on Friction
- XVIII, 207-239, Sabine, Captain Edward, On the reduction to a vacuum of the vibrations of an invariable pendulum, read on 12 and 19 March 1829**
Js. Basire VI, 207 (Details of apparatus)
- XX, 255-260, Cooper, Bransby Blake, Anatomical description of the foot of a Chinese female, read on 5 March 1829**
Js. Basire VII, 256 (Illustration of contorted bones of human foot)
- XXVI, 317-330, Bell, Charles, On the nerves of the face, read on 28 May 1829**
Drawn by C. Bell Engraved by VIII, 328 (Partial portrait of face with nerves extracted)
Drawn by C. Bell Js. Basire IX, 329 (Three figures of detail of nerves)
- 1830, CXX, 26 articles, 12 plates**
- I, 1-57, Faraday, Michael, The Bakerian lecture. On the manufacture of glass for optical purposes, read on 19 November, 3 and 10 December 1829**
Js. Basire I, 51 (7 figures of illustrations of rough glass furnace)
- II, 59-68, Lloyd, John Augustus, Account of levellings carried across the Isthmus of Panama, to ascertain the relative height of the Pacific Ocean at Panama and of the Atlantic, read on 26 November 1829**
J.A. Lloyd Engraved by II PLAN of that part of the ISTHMUS OF PANAMA (highly finished, fold-out map with decorative copper plate inscription)
(J.A. Lloyd) J. Gardner III (Fold-out illustration of sections across the isthmus)
J.A. Lloyd Engraved by IV CHART of the BAY OF LIMON or Navy Bay Surveyed in H.M.S. Victor by J.A. LLOYD
J.A. Lloyd J. Gardner V CHART of the BAY OF CHAGRES Surveyed in the year 1829 by J.A. LLOYD
- IV, 85-86, Home, Sir Everard, A report on the stomach of the Zariffa, read on 24 December 1829**
Drawn by Franz Bauer Engraved VI, 86 (A front view of the stomach of a zariffa)
Drawn by Franz Bauer by VII, 86 (Back view of the same)
Drawn by Franz Bauer James Basire VIII, 86 (12 figures illustrating stomachs of various animals)
- XII, 177-186, Bolton, George Buckley, Statement of the principal circumstances respecting the united Siamese Twins now exhibiting in London, read on 1 April 1830**
From life, Fredk. Harding Js. Basire IX, 186 (3 figures illustratin junction of twins)
- XX, 257-286, Daniell, Frederic, On a new Register-Pyrometer, for measuring the Expansion of Solids, read on 17 June 1830**
Js. Basire X, 263 Mr. Daniell's Register Pyrometer
- XXI, 287-325, Brewster, David, On the Phenomena and Laws of Elliptic Polarization, as exhibited by the Actions of Metal on Light, read on 22 April 1830**
Js. Basire XI, 313 (Observations, 3 figures)
- XXIV, 383-398, Drummond, Lieutenant Thomas, On the illumination of Light-houses, read on 17 June 1830**
Drawn and engraved by T. Bradley XII, 387 (Details of lighting apparatus. 6 figures)
- 1831, CXXI, 28 articles, 14 plates**
- IV, 67-90, Harris, William Snow, On the Transient Magnetic Shape of which various Substances are susceptible, read on 17 June 1830**
Js. Basire I, 68 (Details of apparatus, figures 1-5)
Js. Basire II, 68 (Details of apparatus, figures 6-12)
- V, 91-97, Gilbert, Davies, On the Nature of Negative and Imaginary Quantities, read on 18 November 1830**
Js. Basire III, 92 The Natural Scale of Logarithms. The Tabular Scale of Logarithms (2 graphs)
- X, 167-197, Lloyd, John August, An Account of Operations carried on for ascertaining the Difference of Level between the River Thames at London Bridge and the Sea, read on 3 March 1831**
J. Gardner IV, 167 GENERAL VIEW OF THE LEVELLING INSTRUMENT (fold-out)
J. Gardner V, 174 PLAN AND ELEVATION of the TIDE GAUGE at H.M. DOCKYARD SHEERNESS and at PORTSMOUTH
J. Gardner VI, 197 PLAN of the LINE OF LEVELLINGS from SHEERNESS to LONDON (fold-out plan with decorative copper plate inscription)
J. Gardner VII, 197 SECTION OF THE LAND PASSED OVER IN THE LEVELLINGS FROM SHEERNESS TO LONDON BRIDGE (fold-out plans)
- XII, 209-213, Palmer, Henry R., Civil Engineer, Description of a Graphical Register of Tides and Winds, read on 10 March 1831**
Engrd by T. Bradley 4, I, 209 Perspective View of a Graphic Register of the Tides and Winds
Engrd by T. Bradley 4, II, 209 (An elevation and side view - fold-out)
Engrd by T. Bradley 4, III, 209 (The well and float with the relative situation of the machine)
Engrd by T. Bradley 4, IV-V, 209 (A chart of tides in the River Thames observed in 1828; and the same tides represented in graphic form by the machine)
- XXI, 379-415, Lubbock, J.W., On the Tides in the Port of London, read on 16 June 1831**
J. & C. Walker CHART of the BRITISH ISLES to accompany Mr. Lubbock's paper on the TIDES (fold-out)
Drawn & engraved by J. & C. Walker CHART OF THE WORLD Between the Latitudes 60 N and 55 S to accompany Mr. Lubbock's paper on the TIDES (fold-out)
- XXIII, 423-442, Rennie, George, On the Friction and Resistance of Fluids, read on 16 June 1831**
Js. Basire XI, 427 ELEVATION of the apparatus for the trying THE RESISTANCE OF WATER (with scale and shading, 2 figures)
Js. Basire XII, 429 ELEVATION of the apparatus for the trying THE FRICTION OF WATER (with scale and shading)
- XXVII, 497-500, Harris, William Snow, On the Influence of Screens in arresting the Progress of Magnetic Action, read on 16 June 1831**
Js. Basire XIII, 497 (Line drawing of experimental apparatus with details, 2 figures)
- XXVIII, 501-506, Harris, William Snow, On the power of masses of Iron to controul the Attractive Force of a Magnet, read on 16 June 1831**
Js. Basire XIV, 501 (Line drawing of experimental apparatus with details, 6 figures)
- 1832, CXXII, 26 articles, 24 plates**
- III, 57-66, Lee, Robert, On the structure of the Human Placenta, and its Connexion with the Uterus, read on 17 November 1831**
Joseph Perry I, 60 (Two views of the uterus - crayon style, cf lithography)
Joseph Perry James Basire sculp. II, 62 (A section of the uterus, placenta and membranes - crayon style, cf lithography)
- V, 125-162, Faraday, Michael, Experimental Researches in Electricity, read on 24 November 1831**
Js. Basire III, 131 (29 figures illustrating experiments
- compare other articles where comparatively slight illustrations comprise wood cuts in the lettepress)
- VI, 163-194, Faraday, Michael, The Bakerian Lecture. Experimental Researches in Electricity. Second Series, read on 12 January 1832**
Js. Basire IV, 171 (As above, figures 30-39)
- IX, 237-249, Davy, John, Some Account of a new Volcano in the Mediterranean, read on 22 December 1831**
C. Hullmandel's Lithography V, 238 GRAHAM ISLAND (bird's eye view, with compass and scale)
Printed by C. Hullmandel VI, 238 GRAHAM ISLAND (Profile views of the island, 4 figures)
- XI, 255-258, Smyth, Captain W.H., Some Remarks on an Error respecting the Site and Origin of Graham Island, read on 9 February 1832**
Js. Basire VII, 256 Plan shewing the site of the VOLCANO ISLAND (extracted from Capt. Smyth's survey)
- XIII, 279-298, Ritchie, Revd. William, Experimental Researches in Voltaic Electricity and Electro-Magnetism, read on 19 January 1832**
Js. Basire VIII, 282 (Illustrations of experiments, 19 figures)
- XIV, 299-320, Bell, Sir Charles, Of the Organs of the Human Voice, read on 2 February 1832**
Sir Charles Bell Js. Basire IX, 319 (A section of the face and throat, with key)
Sir Charles Bell Js. Basire X, 319 (Views and sections of larynx and trachea, 3 figures)
- XV, 321-334, Hall, Marshall, Theory of the inverse Ratio which subsists between the Respiration and Irritability, in the Animal Kingdom, read on 23 February 1832**
C.S. Drewry Js. Basire XI, 324 (Views of apparatus, with scale)
- XVIII, 383-398, Newport, George, On the Nervous System of the Sphynx ligustri, read on 7 June 1832**
G. Newport Js. Basire XII, 384 (Illustrations of the nervous system of the Sphynx ligustri, 5 figures)
G. Newport Js. Basire XIII, 384 (Illustrations of the nervous system of the Sphynx ligustri, 2 figures)
- XXI, 497-515, Osler, Edward, Observations on the Anatomy and Habits of Marine Testaceous Mollusca, read on 21 June 1831**
E. Osler Js. Basire XIV, 198 (20 figures of details of different species)
- XXII, 517-538, Owen, Richard, On the Mammary Glands of the Ornithorynchus Paradoxus, read on 21 June 1832**
Richd. Owen Js. Basire XV, 535 (Organs of regeneration in the unexcited state and mammary glands, 2 figures)
Richd. Owen Js. Basire XVI, 535 (Organs of regeneration and mammary glands of another individual, 2 figures)

- Richd. Owen Js. Basire XVII, 536 (As above, but dissected and laid open etc, 3 figures)
- Richd. Owen Js. Basire XVIII, 536 (5 figures of other anatomical details)
- XXIII, 539-574, Daniell, J.F., On the Water-Barometer erected in the Hall of the Royal Society, read on 21 June 1832**
- C.S. Drewry Js. Basire XIX, 541 (View of apparatus, shaded with scale)
- Js. Basire XX, 573 (Comparison of the Oscillations of the Water Barometer with those of the Mercurial (fold-out graph))
- XXIV, 575-589, Lubbock, John, Hourly Observations on the Barometer, read on 21 June 1832 (also offprint)**
- Js. Basire XXI, 588 (Royal Society's Standard Barometer. Hourly observations made on 75 successive days. The corresponding temperatures (fold-out))
- Js. Basire XXII, 589 (NOON. The Water Barometer, Standard Barometer and Mountain Barometer (charts with copper plate inscription))
- Js. Basire XXIII, 589 (SUMMER AND WINTER. Royal Society's Standard Barometer)
- Js. Basire XXIV, 589 (Combined Result of the whole of the Hourly Observations made with the Royal Society's Standard Barometer)
- 1833, CXXIII, 30 articles, 23 plates**
- III, 19-22, J.W. Lubbock, Note on the Tides, read on 7 March 1833**
- J. & C. Walker sc. I, 19 (Semi-menstrual inequality of the Time of High Water (graph))
- IV, 23-54, Faraday, Michael, Experimental Researches in Electricity. Third Series, read on 10 and 17 January 1833**
- Js. Basire II, 26 (5 figures illustrating experiments)
- VIII, 95-142, Christie, S. Hunter, The Bakerian Lecture. Experimental Determination of the Laws of Electro-Magnetic Induction in different masses of the same Metal, read on 28 February 1833**
- Js. Basire III, 96 (Line drawings illustrating experiments, 5 figures)
- C.C.C. Js. Basire IV, 102 (Illustration of apparatus - shaded)
- XI, 147-236, Whewell, Rev. William, Essay towards a first Approximation to a Map of Cotidal Lines, read on 2 May 1833**
- Drawn and engraved by J. & C. Walker V, 147 (CHART OF THE WORLD Between the Latitudes 60 N and 55 S to accompany Mr. Lubbock's paper on the TIDES (fold-out, copied from 1831 issue))
- J. & C. Walker sc. (VI, 147) (CHART OF THE BRITISH ISLES To accompany Mr. Whewell's Paper on the TIDES (fold-out, copied from 1831 issue))
- XV, 312-321, Ritchie, Revd. William, Experimental Researches in Electro-Magnetism and Magneto-Electricity, read on 20-21 March 1833**
- Js. Basire VII, 316 (Three figures illustrating experiments)
- XVI, 323-332, Brewster, Sir David, On the Anatomical and Optical Structure of the crystalline Lenses of Animals, and particularly that of the Cod, read on 9 May 1833**
- R.K. Greville del. fig. 1 Js. Basire VIII, 326 (Two figures)
- XIX, 359-505, Herschel, Sir John Frederick William, Observations of Nebulae and Clusters of Stars, made at Slough, with a Twenty-feet Reflector, read on 21 November 1833**
- Sir J.F.W. Herschel Js. Basire IX, 494 (Observations, figures 1-24)
- Sir J.F.W. Herschel Js. Basire X, 494 (Observations, figures 25-32)
- Sir J.F.W. Herschel Js. Basire XI, 494 (Observations, figures 33-34)
- Sir J.F.W. Herschel Js. Basire XII, 494 (Observations, figures 38-49)
- Sir J.F.W. Herschel Js. Basire XIII, 494 (Observations, figures 80-91)
- Sir J.F.W. Herschel Js. Basire XIV, 494 (Observations, figures 50-67)
- Sir J.F.W. Herschel Js. Basire XV, 494 (Observations, figures 68-79)
- Sir J.F.W. Herschel Js. Basire XVI, 494 (Observations, figures 80-91)
- XXVII, 667-673, Barlow, Peter, On the present situation of the Magnetic Lines of equal variation, and their changes on the Terrestrial surface, read on 9 May 1833**
- P. Barlow jnr. Js. Basire XVII, 668 (A CHART OF MAGNETIC CURVES OF EQUAL VARIATION between the Lat. 60 N and the Lat. 55 S (fold-out))
- P. Barlow jnr. Js. Basire XVIII, (668) (A CHART OF MAGNETIC CURVES OF EQUAL VARIATION in the northern regions (fold-out))
- XXIX, 711-770, Kiernan, Francis, The Anatomy and Physiology of the Liver, read on 20 June 1833**
- Js. Basire XIX, 726 (Illustrations of experiments, 3 figures)
- F. Kiernan Js. Basire XX, 713 (Illustrations of hepatic veins, 7 figures)
- F. Kiernan Js. Basire XXI, 717 (Lobules and interlobular veins, 6 figures)
- F. Kiernan Js. Basire XXII, 721 (Further illustrations of veins, 4 figures)
- F. Kiernan Js. Basire XXIII, 728 (Further details of the liver, 6 figures)
- 1834, CXXIV, 29 articles, 30 plates**
- V, 55-76, Faraday, Michael, Experimental Researches in Electricity. Sixth Series, read on 11 January 1834**
- Js. Basire sc. I, 55 (17 figures illustrating experiments)
- XIV, 213-245, Harris, William Snow, On some Elementary Laws of Electricity, read on 10 April 1834**
- G. Wightwick Js. Basire sc. II, 214 (Line drawings of apparatus, 8 figures)
- G. Wightwick Js. Basire sc. III, 220 (Line drawings of apparatus, figures 9-15)
- G. Wightwick Js. Basire sc. IV, 228 (Line drawings of apparatus, figures 16-30)
- XVI, 309-322, Barlow, Peter W., Civil Engineer, An Investigation of the Laws which govern the Motion of Steam Vessels, deduced from Experiments, read on 29 May 1834**
- P.W. Barlow J. Basire lithog. V, 310 (Position of the Floats of a Paddle Wheel when in Motion. Morgan's Paddle Wheel)
- XVII, 333-364, Owen, Richard, On the Generation of the Marsupial Mammals, with a Description of the impregnated Uterus of the Kangaroo, read on 24 April 1834**
- Richd. Owen Js. Basire sc. VI, 335 (7 figures of sexual organs of various animals)
- Richd. Owen Js. Basire sc. VII, 337 (14 figures of details of body parts of the Kangaroo)
- XVIII, 365-388, Lister, Joseph Jackson, Some Observations on the Structure and Functions of tubular and cellular Polypi, and of Ascidae, read on 6 and 13 March 1834**
- J.J. Lister Js. Basire sc. VIII, 386 (Specimens of *T. Indivisa*, *Sertularia Plumosa* etc, 5 figures)
- J.J. Lister Js. Basire sc. IX, 372 (A young stem of *Campanularia dichotoma*)
- J.J. Lister Js. Basire sc. X, 387 (Different specimens, 3 figures)
- J.J. Lister Js. Basire sc. XI, 387 (Animals of the *Ascidia*, 7 figures)
- J.J. Lister Js. Basire sc. XII, 338 (Various specimens, 6 figures)
- XIX, 389-423, Newport, George, On the nervous system of the Sphinx Ligustri (Part 2), read on 19 June 1834**
- G. Newport Js. Basire sc. XIII, 418 (Nervous system of *Sphinx ligustri*, figures 1-7)
- G. Newport Js. Basire sc. XIV, 420 (Nervous system of *Sphinx ligustri*, figures 8-18)
- G. Newport Js. Basire sc. XV, 421 (Nervous system of *Sphinx ligustri*, figures 19-39)
- G. Newport Js. Basire sc. XVI, 421 (Nervous system of *Sphinx ligustri*, figures 19-39)
- G. Newport Js. Basire sc. XVII, 422 (Nervous system of *Sphinx ligustri*, figures 40-48 - fold-out)
- XX, 425-470, Faraday, Michael, Experimental Researches in Electricity. Eighth Series, read on 5 June 1834**
- Js. Basire sc. XVIII, 426 (41 figures illustrating experiments)
- XXI, 478-483, Bell, Sir Charles, On the Functions of some parts of the Brain, and on the relations between the Brain and Nerves of Motion and Sensation, read on 15 May 1835**
- Drawn by Sir Chas. Bell Engrd by Js. Basire XIX, 482 (The great anterior column)
- Drawn by Sir Chas. Bell Engrd by Js. Basire XX, 483 (Two figures)
- Drawn by Sir Chas. Bell Engrd by Js. Basire XXI, 483 (A lateral view of the two columns)
- XXIV, 531-550, Davy, John, Observations on the Torpedo, with an account of some additional Experiments on its Electricity, read on 19 June 1834**
- J. Basire lithog. XXII, 549 (The progress of the embryo, 7 figures)
- J. Basire lithog. XXIII, 550 (The external yolk-vesicle, 5 figures)
- J. Basire lithog. XXIV, 550 (Various details of the torpedo, 5 figures)
- XXVI, 555-566, Owen, Richard, On the ova of the Ornithorynchus Paradoxus, read on 19 June 1834**
- Owen Js. Basire sc. XXV, 566 (Details of genitalia of various animals, 11 figures)
- XXVII, 567-576, Palmer, Henry R., Civil Engineer, Observations on the Motions of Shingle Beaches, read on 10 April 1834**
- J. Basire lithog. XXVI, 569 (Two simple line drawings of experiments)
- R.A. Gilpin J. Basire sc. XXVII, (PLAN OF FOLKSTONE HARBOUR, PLAN OF DOVER HARBOUR)
- J. Basire lithog. XXVIII, (MAP OF THE COAST OF KENT 1834)
- XXIX, 583-591, Wheatstone, Charles, An Account of some Experiments to measure the Velocity of Electricity and the Duration of Electric Light, read on 19 June 1834**
- J. Basire lithog. XXIX, 59 (Six figures of experimental equipment)
- J. Basire lithog. XXX, 59 (Figures 7-10 of experimental equipment)
- 1835, CXXV, 21 articles, 6 plates**
- I, 1-38, Lyell, Charles, Bakerian Lecture. On the Proofs of a gradual Rising of the Land in certain parts of Sweden, read on 27 November 1834**
- I, 6 (Map of Sweden and the Baltic Sea)
- J.D.C.S. II, 33 (FOSSIL SHELLS from UDDEVALLA in SWEDEN)
- XIII, 255-262, Bell, Sir Charles, Continuation of the Paper on the Relations between the Nerves of Motion and of Sensation, and the Brain, read on 30 April 1835**
- Drawn by Sir Chas. Bell Engrd by Js. Basire III, 262 (6 figures of brain parts)
- XVII, 311-328, Westwood, J.O., On the supposed existence of Metamorphoses in the Crustacea, read on 18 June 1835**
- Auctor Js. Basire sc. IV, 327 (38 figures of crustacea, including details, on two horizontal panels)
- XX, 355-358, Thompson, J.V., Discovery of the Metamorphosis in the second type of Cirripedes, read on 5 March 1835**
- Js. Basire sc. V, 358 (Line drawings of crabs and details, 6 figures)

- XXI, 359-362, Thompson, J.V., On the Double Metamorphosis in the Decapodus Crustacea, read on 4 June 1835
J.V.T. *Js. Basire sc.* VI, 362 (8 figures of details of the crab)
- 1836, CXXVI, 26 articles, 39 plates
- III, 21-26, Caldcleugh, Alexander, An Account of the great Earthquake experienced in Chile on the 20th of February 1835, read on 26 November 1835
Js. Basire sc. I, 22 Map extending from LATITUDE 30 S TO LATITUDE 44 S (copied from the large map of D. de la Rochette)
- V, 31-34, Christie, C. Charles, Memoranda made during the appearance of the Aurora Borealis on the 18th of November, 1835, read on 10 December 1835
C.C. Christie *J. Basire lithog.* II, 32 No. 1 The Aurora Borealis at 9h 5m. No. 2 The Aurora Borealis at 9h 15m.
C.C. Christie *J. Basire lithog.* III, 32 No. 3 The Aurora Borealis at 9h 25m. No. 4 The Aurora Borealis at 9h 27m.
- VI, 35-48, Brewster, David, On the Anatomical and Optical Structure of the Crystalline Lenses of Animals, read on 21 January 1826
Js. Basire sc. IV, 35 No. II (3 figures)
R.K. Greville *Js. Basire sc.* V, 40 No III. No. IV (3 plus 2 figures)
R.K. Greville *Js. Basire sc.* VI, 43 No. IV. No. V (6 figures)
- X, Daniell, Frederic, On Voltaic Combinations, 11 February 1836
Js. Basire sc. VII,
Leopold Martin *Js. Basire sc.* VIII, 107 Dissected Batteries (3 figures)
L. Martin *Js. Basire sc.* IX, 117 Constant Batteries (3 figures)
- IX, 75-106, Davies, Thomas Stephens, Geometrical Investigations concerning the Phenomena of Terrestrial Magnetism. Second Series, read on 4 February 1826
Js. Basire sc. X, 78 (3 figures of diagrams)
Js. Basire sc. XI, 81 (Diagrams, figures 4-5)
Js. Basire sc. XII, 83 (Diagrams, figures 7-10 and 13)
Js. Basire sc. XIII, 86 (Diagrams, figures 11-12)
Js. Basire sc. XIV, 89 (Diagrams, figures 14-15)
..... XV, 101 (Diagrams, figures 16-17)
Js. Basire sc. XVI, 102 (Diagrams, figures 18-19)
- XIII, 131-147, Whewell, Rev. William, Researches on the Tides. Fifth Series., read on 3 March 1836
Js. Basire sc. XVII, 137 SOLAR CORRECTION OF HEIGHTS. PERIODIC PARTS. LIVERPOOL
- XV, 218-266, Lubbock, John William, Bakerian Lecture. On the Tides of the Port of London, read on 16 June 1836
XVIII, 224 Diagram showing a comparison between the Semi-menstrual correction at London....
XIX, 224 Diagram showing a comparison between the calendar month correction in the interval.... (fold-out)
XX, 224 Diagram showing a comparison between the Moon's parallax correction in the interval....
XXI, Diagram showing a comparison between the Moon's declination correction in the interval....
XXII, 227 Diagram showing the Diurnal inequality in the interval.... (fold-out)
- XVI, 267-288, Johnson, Edward J., Report of Magnetic Experiments tried on Board an Iron Steam-Vessel, read on 10 March 1836
Js. Basire sc. XXIII, 269 PLAN & SECTION OF THE GARRY OWEN IRON STEAM VESSEL
- XVII, 289-341, Whewell, Rev. William, Researches on the Tides. Sixth Series, read on 16 June 1836
J. & C. Walker XXIV, 307 CHART of the BRITISH ISLES (fold-out, update of chart published in 1833)
James Basire sc. XXV, 307 CHART of the BRITISH ISLES (fold-out chart prepared for the sixth series)
XXVI, 307 CHART of the COASTS OF EUROPE (fold-out chart prepared for sixth series)
Js. Basire sc. XXVII, 307 HEIGHTS OF HIGH WATER. PORTUGAL 1835. AMERICA 1835
- XX, 417-452, Harris, William Snow, Inquiries concerning the Elementary Laws of Electricity. Second Series, read on 16 June 1836
Chas. A. Goldsack *Js. Basire sc.* XXVIII, 417 (Experimental apparatus, figures 1-12)
C.A. Goldsack *Js. Basire sc.* XXIX, 419 (Experimental apparatus, figures 13-26)
- XXIII, 497-527, Tiedemann, Dr. Frederick, On the Brain of the Negro, compared to that of the European and the Orang-outang, read on 9 June 1836
H. Tiedemann ad nat. *J. Basire lithog.* XXX, 526 Male Negro (Upper surface of the brain of a male Negro)
H. Tiedemann ad nat. *J. Basire lithog.* XXXI, 526 Male Negro (Side view of the same brain)
F. Wagner ad nat. *J. Basire lithog.* XXXII, 526 Male negro (Base of the same brain)
F. Wagner ad nat. *J. Basire lithog.* XXXIII, 527 Male negro (section of brain)
Dunrel *J. Basire lithog.* XXXIV, 527 Bosjes woman (brain)
H. Tiedemann ad nat. *J. Basire lithog.* XXXV, 527 Simia Satyrus. Simia Troglodytes (4 figures)
- XXIV, 529-565, Newport, George, On the Respiration of Insects, read on 16 June 1836
G. Newport *Js. Basire sc.* XXXVI, 563 (7 figures of details of insects)
G. Newport *Js. Basire sc.* XXXVII, 564 Diagram
- XXV, 567-570, Solly, Samuel, Of the Connexion of the Anterior Columns of the Spinal Cord with the Cerebellum, read on 19 May 1836
S. Solly *Js. Basire sc.* XXXVIII, 570 (2 figures illustrating attachment of spinal cord)
- XXVI, 581-616, Forbes, James D., On the Temperatures and Geological Relations of certain Hot Springs, particularly those of the Pyrenees, read on 24 March 1836
Js. Basire sc. XXXIX, 581 Projection of the Errors of Troughton's Thermometer. Projection of the Errors of Crichton's Thermometer (fold-out chart)
- 1837, CXXVII, 24 articles, 27 plates
- V, 37-45, Bird, Golding, Observations on the Electro-chemical Influence of long continued Electric Currents of Low Tension, read on 2 February 1837
Js. Basire sc. I, 39 (3 figures of line drawings illustrating apparatus)
- VII, 75-85, Whewell, Rev. W., Researches on the Tides. Seventh Series, read on 9 March 1837
Engraved by *J. & C. Walker* II, 75 RANGE OF TIDES (fold-out chart)
III, 76 RANGE OF TIDES (fold-out chart)
Engraved by *J. & C. Walker* IV, 82 RANGE OF TIDES (fold-out chart)
- VIII, 87-96, Owen, Richard, On the Structure of the Brain in Marsupial Animals, read on 26 January 1837
Richard Owen *Js. Basire sc.* V, 93 (Views of brains from above, 9 figures)
Richard Owen *Js. Basire sc.* VI, 93 Side views of brains, 6 figures)
Richd. Owen *Js. Basire sc.* VII, 93 (sections of brains, 5 figures)
- IX, 97-, Lubbock, John William, On the Tides, read on 16 March 1837
I, 118 Calendar showing a comparison between the calendar month inequality.... (fold-out)
II, 119 Diagram showing a comparison between the Moon's Parallax....
III, 120 Diagram showing the Diurnal inequality....
IV, 121 Diagram showing the Establishment of the Port of Liverpool....
IV, 187 Heights of High Water in May 1836 (fold-out)
- X, 141-160, Daniell, Frederic, Further Observations on Voltaic Combinations, read on 6 April 1837
Js. Basire sc. VIII, 148 (10 figures of diagrams)
- XIV, 227-244, Whewell, Rev. W., Researches on the Tides. Eighth Series, read on 15 June 1837
XIV, 229 DIURNAL WAVE
- XVI, 253-258, Brewster, Sir David, On the Development and Extinction of regular doubly refracting Structures in the Crystalline Lenses in Animals after Death, read on 1 June 1837
J. Basire lith. XV, 254 (8 figures of observations - coloured)
- XVIII, 339-345, Jones, Thomas Wharton, On the first changes in the ova of Mammifera, read on 27 April 1837
T. Wharton Jones Ad nat. *Js. Basire sc.* XVI, 339 (13 figures of mammalian ova)
- XXI, 371-385, Skey, Frederic, C., On the Elementary Structure of the Muscular Fibre of Animal and Organic Life, read on 15 June 1837
J. Basire lith. XVII, 384 (6 figures illustrating muscular fibre)
J. Basire lith. XVIII, 384 (5 figures illustrating muscular fibre)
J. Basire lith. XIX, 385 (6 figures illustrating muscular fibre)
- XXII, 387-426, Farre, Arthur, Observations on the Minute Structure of some of the higher forms of Polyypi, read on 8 and 15 June 1837
Arthur Farre *J. Basire lith.* XX, 421 Ciliobrachia. Parasitic on *Flustra foliacea*. *Bowerbankia densa* (6 figures)
Arthur Farre *J. Basire lith.* XXI, 421 Ciliobrachia. *Bowerbankia densa* (figures 7-18)
Arthur Farre *J. Basire lith.* XXII, 421 Ciliobrachia. *Vesicularia spinosa* Thomp. (8 figures)
Arthur Farre *J. Basire lith.* XXIII, 421 Ciliobrachia. *Walkeria cusculata* Flem. (6 figures)
Arthur Farre *J. Basire lith.* XXIV, 421 Ciliobrachia. *Lagenella repens*. Parasitic on the stem of a *Sertularia* (5 figures)
Arthur Farre *J. Basire lith.* XXV, 421 Ciliobrachia. *Halodactylus diaphanus* (6 figures)
Arthur Farre *J. Basire lith.* XXVI, 421 Ciliobrachia. *Halodactylus diaphanus* (18 figures)
Arthur Farre *J. Basire lith.* XXVII, 421 Ciliobrachia. *Notamia loriculata*. Flem. *Membranipora pilosa* Bain (9 figures)
- 1838, CXXVIII, 20 articles, 11 plates
- I, 1-42, Faraday, Michael, Experimental Researches in Electricity. Eleventh Series, read on 21 December 1838
Js. Basire sc. I, 9 (11 figures illustrating experiments)

- II, 41-56, Daniell, Frederic, Fourth Letter on Voltaic Combinations, read on 25 January 1838
J. Basire lith. II, 51 (5 figures illustrating experimental results)
- VIII, 125-168, Faraday, Michael, Experimental Researches in Electricity. Thirteenth Series, read on 15 March 1838
Js. Basire sc. III, 83, 125 (29 figures illustrating experiments)
- XI, 249-251, Whewell, Rev. William, Description of a new Tide-Gauge, read on 22 March 1838
J. Basire lith. IV, 249 (6 figures illustrating tide gauge, with scale)
- XV, 301-341, Barry, Martin, Researches in Embryology. First Series, read on 21 June 1838
Martin Barry Ad Nat. *Js. Basire sc.* V, 342 Embryology (figures 1-26)
Martin Barry Ad Nat. *Js. Basire sc.* VI, 342 Embryology (figures 27-47)
Martin Barry Ad Nat. *Js. Basire sc.* VII, 342 Embryology (figures 48-63)
Martin Barry Ad Nat. *Js. Basire sc.* VIII, 342 Embryology (figures 64-80)
- XVII, 351-370, Mosley, Rev. H., On the Geometrical Forms of Turbinated and Discoid Shells, read on 21 June 1838
J. Basire lith. IX, 351
- XVIII, 371-394, Wheatstone, Charles, Contributions to the Physiology of Vision. Part the First, read on 21 June 1838
Js. Basire sc. X, 372 (Diagrams, figures 1-9 and 21-25)
Js. Basire sc. XI, 372 (Diagrams, figures 10-20)
- 1839, CXXIX, 21 articles, 10 plates
- IV, 39-81, Darwin, Charles, Observations on the Parallel Roads of Glen Roy, and other parts of Lochaber in Scotland, with an attempt to prove that they are of marine origin, read on 7 February 1839
Js. Basire sc. I, 39 Parallel Roads or Shelves of Glen Roy and the adjoining Villages (fold-out, coloured, with scale)
Albert Way *J. Basire lith.* II, 39 View of the Parallel Roads of Glen Roy (p. 81, "drawing from which the accompanying lithographic sketch has been taken")
- XIV, 215-241, Harris, William Snow, The Bakerian Lecture. Inquiries concerning the Elementary Laws of Electricity. Third Series, read on 20 June 1839
Js. Basire sc. III, 215 (7 figures of line drawings illustrating experiments)
IV, 223 (Line drawings of illustrating experiments, figures 8-23)
- XIX, 307-, Barry, Martin, Researches in Embryology. Second Series, read on 18 April 1839
Martin Barry Ad Nat. *Js. Basire sc.* V, 374 Embryology (figures 81-102)
Martin Barry Ad Nat. *Js. Basire sc.* VI, 376 Embryology (figures 103-117)
Martin Barry Ad Nat. *Js. Basire sc.* VII, 377 Embryology (figures 118-127)
Martin Barry Ad Nat. *Js. Basire sc.* VIII, 378 Embryology (figures 128-150)
Martin Barry Ad Nat. *Js. Basire sc.* IX, 380 Embryology (figures 151-155)
- XXI, 425-431, Cooper, John Thomas, Description of a Hydropneumatic Baroscope, read on 21 February 1839
J. Basire lith. X, 425 (Line drawings of apparatus, 6 figures)
- 1840, CXXX, 24 articles, 30 plates
- I, 1-59, Herschel, Sir John F. W., On the Chemical Action of the Rays of the Solar Spectrum on Preparations of Silver and other Substances, read on 20 February 1840
J. Basire lith. I, 50 (Apparatus)
Js. Basire sc. II, 54 (Experimental results)
- II, 61-91, Faraday, Michael, Experimental Researches in Electricity. Sixteenth Series, read on 6 February 1840
Js. Basire sc. III, 65 (18 figures illustrating experiments)
- Not located....
IV,
V,
VI,
- VIII, 177-182, Maclear, Thomas, Further Particulars of the Fall of the Cold Bokkeveld Meteorite, read on 5 March 1840
J. Basire lith. VII, 177 No. 2. Schurfdé Berg or Rugged Mountains (sketch)
- XII, 225-244, Airy, G.B., The Bakerian Lecture. On the Theoretical Explanation of an apparent new Polarity in Light, read on 18 June 1840
J. Basire lith. VIII, 234 (7 figures of experimental results)
- XIII, 245-254, Bell, Sir Charles, On the Nervous System, read on 2 April 1840
Sir C. Bell *Engrd by Js. Basire* IX, 246 Disease of the Spinal Nerves
- XIV, 255-272, Whewell, Rev. W., Researches on the Tides. Twelfth Series, read on 18 June 1840
Js. Basire sc. X, 267 FIG. 1. LIVERPOOL. CURVES OF RISE AND FALL. OBSERVATIONS FROM AUG. 1ST. TO OCT. 18TH 1840 (fold-out graph)
- XVII, 335-40, Kater, Edward, Description of an Escapement for an Astronomical Clock, read on 30 April 1840
E. Kater *J. Basire lith.* XI, 335 Fig. 1 (Apparatus)
E. Kater *J. Basire lith.* XII, 337 (Details, figures 2-4)
- XX, 385-, Hodgkinson, Eaton, Experimental Researches on the Strength of Pillars of Cast Iron, and other Materials, read on 14 May 1840
J. Basire lith. XIII, 454 Fig. 1 (illustration of man working equipment)
J. Basire lith. XIV, 454 Fig. 2 (view of equipment)
J. Basire lith. XV, 454 (Details - fold-out)
- XXI, 457-501, Bowman, William, On the Minute Structure and Movements of Voluntary Muscle, read on 18 June 1840
W. Bowman *Js. Basire sc.* XVI, 494 (Details of muscles of various creatures, figures 1-22)
W. Bowman *Js. Basire sc.* XVII, 494 (As above, figures 23-45)
W. Bowman *Js. Basire sc.* XVIII, 494 (As above, figures 46-70)
W. Bowman *Js. Basire sc.* XIX, 499 (As above, figures 71-89)
- XXII, 503-527, the Right Honourable Lord Oxmantown, An Account of Experiments on the Reflecting Telescope, read on 18 June 1840
Js. Basire sc. XX, 506 (Details of experiments, with scale, figures 1-5)
Js. Basire sc. XXI, 515 (Details of experiments, with scale, figures 6-9)
- XXIII, 529-593, Barry, Martin, Researches in Embryology. Third Series, read on 7 May 1840
Martin Barry Ad Nat. *Js. Basire sc.* XXII, 592 Embryology. Ova from the Ovary, more or less prepared for fecundation (figures 156-168)
Martin Barry Ad Nat. *Js. Basire sc.* XXIII, 592 Embryology. Ova from the Ovary, after fecundation (figures 169-181)
Martin Barry Ad Nat. *Js. Basire sc.* XXIV, 592 Embryology. Ova from the Fallopian Tube (figures 181-192)
Martin Barry Ad Nat. *Js. Basire sc.* XXV, 592 Embryology. Ova from the Fallopian Tube and Uterus (figures 192-205)
Martin Barry Ad Nat. *Js. Basire sc.* XXVI, 592 Embryology. Ova from the Fallopian Tube and Uterus (figures 206-222)
Martin Barry Ad Nat. *Js. Basire sc.* XXVII, 592 Embryology. Ova from the Fallopian Tube and Uterus (figures 222-234)
Martin Barry Ad Nat. *Js. Basire sc.* XXVIII, 592 Embryology (figures 235-253)
- XXIV, 595-612, Barry, Martin, On the Corpuscles of the Blood, read on 4 June 1840
Martin Barry Ad Nat. *Js. Basire sc.* XXIX, Corpuscles of the Blood (figures 1-13)
Martin Barry Ad Nat. *Js. Basire sc.* XXX, Corpuscles of the Blood (figures 14-22)
- 1841, CXXXI, 21 articles, 27 plates - plates more uniformly labelled; zincographs introduced
- V, 43-58, Brewster, David, On the Phenomena of Thin Plates of Solid and Fluid Substances exposed to Polarized Light, read on 6 May 1841
Js. Basire sc. I, 41, 44 (6 figures illustrating experimental results)
- IX, 75-97, Hargreave, C.J., On the Calculation of Attractions, and the Figure of the Earth, read on 11 February 1841
W. Bowman ad nat. *J. Basire sc.* II, 81 Tetanus - part of P. Fasc. of Complexus (echymosed)
- X, 99-130, Newport, George, The Bakerian Lecture. On the Organs of Reproduction, and the Development of the Myriapoda, read on 17 June 1841
G. Newport *J. Basire sc.* III, 100 Organs of Reproduction in Myriapoda (Julus) (11 figures)
G. Newport *J. Basire sc.* IV, 105 Development of Myriapoda (Julus) (23 figures)
- XI, 131-151, Mantell, Gideon Algernon, read on Memoir on a portion of the Lower Jaw of the Iguanodon, read on 18 February 1841
G. Scharf *J. Basire sc.* V, 177 A portion of the Lower Jaw of an Iguanodon (9 figures)
Lens Aldous from nat. *J. Basire sc.* VI, 178 1-8 Teeth of the Iguanodon. 9-10 Teeth of the Hyloeoosaurus?
G. Scharf *J. Basire zincog.* VII, 179 Teeth of the Iguanodon (7 figures)
G.A. Mantell *J. Basire zincog.* VIII, 179 Osteological elements of the Iguanodon (37 figures, with scale)
G.A. Mantell *J. Basire lith.* IX, 181 Iguanodon and other Saurians (14 figures)
G.A. Mantell *J. Basire lith.* X, 182 Hyloeoosaurus (12 figures)
- XII, 153-158, Mantell, Gideon Algernon, On the Fossil Remains of Turtles, discovered in the Chalk Formation of the South-east of England, read on 20 May 1841
Jn. Dinkel *J. Basire zincog.* XI, 156 Emys Benstedii from the Chalk of Kent in the collection of Dr. Mantell (fold-out)
(J. Basire zincog.) XII, 156 Emys Benstedii in the collection of Dr. Mantell
- XIII, 159-192, Toynbee, Joseph, Researches tending to prove the Non-vascularity and the peculiar uniform Mode of Organization and Nutrition of certain Animal Tissues, read on 20 May 1841
H. Holmes *J. Basire sc.* XIII, 189 (Details of human foetus, 11 figures)
H. Holmes *J. Basire sc.* XIV, 190 (Blood vessels, 2 figures)
H. Holmes *J. Basire sc.* XV, 190 (Details of human bones and blood vessels, 7 figures)

- H. Holmes J. Basire sc. XVI, 190 (Blood vessels, 6 figures)
- XVI, 201-216, Barry, Martin, On the Corpuscles of the Blood. Part II, read on 14 January 1841**
- Martin Barry Ad Nat. J. Basire sculp. XVII, 216 Corpuscles of the Blood (blood corpuscles of various animals, figures 23-35)
- Martin Barry Ad Nat. J. Basire sculp. XVIII, 216 Corpuscles of the Blood (Blood corpuscles of various animals, figures 36-54)
- Martin Barry Ad Nat. J. Basire sculp. XIX, 216 Corpuscles of the Blood (Blood corpuscles of various animals, figures 55-62)
- XVII, 201-216, Barry, Martin, On the Corpuscles of the Blood. Part III, read on 14 January 1841**
- Martin Barry Ad Nat. J. Basire sculp. XX, 268 Corpuscles of the Blood (Blood corpuscles of various animals, figures 63-84)
- Martin Barry Ad Nat. J. Basire sculp. XXI, 268 Corpuscles of the Blood (Blood corpuscles of various animals, figures 63-84)
- Martin Barry Ad Nat. J. Basire sculp. XXII, 268 Corpuscles of the Blood (Blood corpuscles of various animals, figures 85-122)
- Martin Barry Ad Nat. J. Basire sculp. XXIII, 268 Corpuscles of the Blood (Blood corpuscles of various animals, figures 123-141)
- Martin Barry Ad Nat. J. Basire sculp. XXIV, 268 Corpuscles of the Blood (Blood corpuscles of various animals, figures 142-156)
- Martin Barry Ad Nat. J. Basire sculp. XXV, 268 Corpuscles of the Blood (Blood corpuscles of various animals, figures 157-173)
- XVIII, 269-275, Lee, Robert, On the Nervous Ganglia of the Uterus, read on 17 June 1841**
- Joseph Perry J. Basire sc. XXVI, 274 (Detailed view of gravid uterus)
- Joseph Perry J. Basire sc. XXVII, 275 (Detailed view of gravid uterus)
- 1842, CXXXII, 15 articles, 27 plates**
- I, 1-8, Airy, G.B., On the Laws of the Rise and Fall of the Tide in the River Thames, read on 25 November 1841**
- J. Basire lith. I, 6 Curve representing the law of rise and fall of the tide at Deptford
- J. Basire lith. II, 6 Curve representing the law of rise and fall of the tide at Deptford
- II, 9-41, Sabine, Lieut.-Colonel, Edward, Contributions to Terrestrial Magnetism. No. III, read on 20 January 1842**
- III, 9 INTENSITY OF THE MAGNETIC FORCE OF THE EARTH, OBSERVED AT SEA IN 1840, ON BOARD HER MAJESTY'S SHIP EREBUS
- IV, 57-80, Bowman, W., On the Structure and Use of the Malpighian Bodies of the Kidney, read on 17 February 1842**
- W. Bowman J. Basire sc. IV, 78 (17 figures of specimens of Malpighian bodies in various animals)
- VII, 89-135, Barry, Martin, On Fibre, read on 16 December 1842**
- Martin Barry Ad Nat. J. Basire sc. V, 134 Fibre (15 figures)
- Martin Barry Ad Nat. J. Basire sc. VI, 134 Fibre (figures 16-34)
- Martin Barry Ad Nat. J. Basire sc. VII, 134 Fibre (figures 35-67)
- Martin Barry Ad Nat. J. Basire sc. VIII, 134 Fibre (figures 68-96)
- Martin Barry Ad Nat. J. Basire sc. IX, 134 Fibre (figures 97-119)
- Martin Barry Ad Nat. J. Basire sc. X, 134 Fibre (figures 120-143)
- Martin Barry Ad Nat. J. Basire sc. XI, 134 Fibre (figures 144-157)
- IX, 157-163, Addison, William, On the ultimate distribution of the Air-passages, and the formation of the Air-cells in the Lungs, read on 7 April 1842**
- J. Basire lith. XII, 163 (Details of interior of lung, 9 figures)
- Context....**
- C.A. Goldsack J. Basire sc. XIII, 105 (Experimental apparatus, 9 figures)
- XI, 173-179, Lee, Robert, An Appendix to a paper on the Nervous Ganglia of the Uterus, read on 16 June 1842**
- Joseph Perry J. Basire sc. XIV, 178 (Ganglia and nerves on the gravid uterus in the ninth month of pregnancy - fold-out)
- XII, 181-214, Herschel, Sir John F. W., On the Action of the Rays of the Solar Spectrum on Vegetable Colours, and on some new Photographic Processes, read on 16 June 1842**
- J. Basire sc. XV, 183 Thermographic impressions. Photographic impressions (12 figures - fold-out)
- XIII, 215-224, Bowerbank, J.S., On the Organic Tissues in the Bony Structure in the Corallidae, read on 21 April 1842**
- J. Basire zincog. XVI, 224 (Samples of tissue, 8 figures)
- J. Basire zincog. XVII, 224 (9 further figures of cytotlasts etc)
- XIV, 225-273, Forbes, James D., The Bakerian Lecture. On the Transparency of the Atmosphere and the Law of Extinction of the Solar Rays in passing through it, read on 26 May 1842**
- J. Basire sc. XVIII, 249 Nos. I-IV (fold-out graph)
- J. Basire sc. XIX, 249 No. V-VII (fold-out graph)
- J. Basire sc. XX, 249 Nos. VIII-XI ABSOLUTE ELASTICITY OF VAPOUR 25th Sept 1832 (fold-out)
- J. Basire sc. XXI, 249 No. XII-XIV (fold-out)
- J. Basire sc. XXII, 257 No. XV INTENSITY OF SOLAR RADIATION (fold-out)
- J. Basire sc. XXIII, 260 No. XVI-XVII LAW OF ABSORPTION OF LIGHT THROUGH THE ATMOSPHERE
- J. Basire sc. XXIV, 258 Nos. XVII-XX LAW OF EXTINCTION OF HEAT THROUGH GLASS
- J. Basire sc. XXV, 268 Nos. XXI-XXII COMPARATIVE INTENSITY OF SOLAR RADIATION
- J. Basire sc. XXVI, 270 No. XXIII INTENSITY OF SOLAR RADIATION
- J. Basire sc. XXVII, 270 No. XXIV LOWER AAR GLACIER 1841
- 1843, CXXXIII, 14 articles, 18 plates**
- III, 17-32, Faraday, Michael, Experimental Researches in Electricity. Eighteenth Series, read on 2 February 1843**
- J. Basire lith. I, 32 (Details of experimental apparatus, 6 figures)
- VI, 45-54, Airy, G.B., On the Laws of Individual Tides at Southampton and at Ipswich, read on 2 March 1843**
- J. Basire litho. II, 46 Curve representing the law of the rise and fall of the tide at Southampton
- J. Basire litho. III, 52 Curve representing the law of the rise and fall of the tide at Ipswich
- VII, 55-90, Belcher, Captain Sir E., Tide Observations at Otaheite or Tahiti, read on 16 February 1843**
- J. Basire litho. IV, 55 (Illustration of apparatus)
- VIII, 91-112, Grove, W.R., On the Gas Voltaic Battery, read on 11 May 1843**
- J. Basire litho. V, 93 (Illustrations of experiments, 12 figures)
- X, 145-231, Sabine, Lieut.-Colonel Edward, Contributions to Terrestrial. No. V, read on 15 June 1843**
- VI, 172 Observations of the MAGNETIC DECLINATION made in the expedition commanded by CAPT. JAMES CLARK ROSS R.N.
- VII, 172 Observations of the INTENSITY OF THE MAGNETIC FORCE made in the expedition commanded by CAPT. JAMES CLARK ROSS
- J. & C. Walker sc. VIII, 172 Observations of the INTENSITY OF THE MAGNETIC INCLINATION made in the expedition commanded by CAPT. JAMES CLARK ROSS
- XI, 233-242, Farre, Arthur, On the Organ of Hearing in Crustacea, read on 15 June 1843**
- Arthur Farre J. Basire sc. IX, 240 (Details of lobster, 11 figures)
- Arthur Farre J. Basire sc. X, 241 (21 figures of details of other crustaceans)
- VIII (sic), 243-302, Newport, George, On the Structure, Relations and Development of the Nervous and Circulatory Systems...in Myriapoda and Macrourous Arachnida, read on 6 April 1843**
- G. Newport J. Basire sc. XI, 245 Nervous System of Myriapoda (14 figures)
- G. Newport J. Basire sc. XII, 261 Nervous System of Arachnida. The Scorpion (figure 15)
- G. Newport J. Basire sc. XIII, 260 Circulatory System in Myriapoda (figures 16-25)
- G. Newport J. Basire sc. XIV, 283 Circulatory System in Myriapoda and Arachnida (figures 26-33 - fold-out)
- G. Newport J. Basire sc. V, 263 Circulatory System in Arachnida. The Scorpion (figures 34-39)
- XIII, 303-327, Wheatstone, Charles, The Bakerian Lecture. An Account of several new Instruments and Processes for determining the constants of a Voltaic Circuit, read on 15 June 1843**
- J. Basire J. Basire sc. XVI, 309 (2 figures illustrating experimental apparatus, with scale)
- J. Basire J. Basire sc. XVII, 320 (6 figures illustrating experiments)
- XIV, 329-332, Pepsy, William Hasledine, Of the Respiration of the Leaves of Plants, read on 25 May 1843**
- ...Brown.... J. Basire sc. XVIII, 329 (2 figures of experimental apparatus)
- 1844, CXXXIV, 12 articles, 19 plates**
- III, 39-52, Gassiot, John P., A Description of an extensive series of the Water Battery, read on 25 January 1844**
- J. Basire litho. I, 40 (8 figures demonstrating batteries)
- VI, 65-85, Owen, Richard, A Description of certain Belemnites, preserved, with a great portion of their soft parts, in the Oxford clay, read on 21 March 1844**
- Basire zincog. II, 66 (Details of Belemnites, 8 figures)
- Basire zincog. III, 77 (Specimen of Belemnites Owenii from the Oxford clay)
- Basire zincog. IV, 74 (Specimen from the collection of S.P. Pratt, figures 1-2)
- Basire zincog. V, 73 (Specimen from the collection of S.P. Pratt, showing futher details)
- Basire zincog. VI, 71 (Specimen from the collection of William Cunnington)
- Lens Aldous del. et zinc. Basire zincog. VII, 77 Microscopic structure of the guard and Muscular fibre (4 figures)
- Basire zincog. VIII, 81 Belemnite restored
- VII, 87-224, Sabine, Lieut.-Colonel Edward, Contributions to Terrestrial Magnetism. No. V, read on 18 April 1844**
- J. & C. Walker IX Observations of the MAGNETIC DECLINATION made in the expedition commanded by CAPT. JAMES CLARK ROSS R.N.
- J. & C. Walker X Observations of the MAGNETIC INCLINATION made in the expedition commanded by CAPT. JAMES CLARK ROSS R.N.
- J. & C. Walker XI Observations of the MAGNETIC INTENSITY made in the expedition commanded by CAPT. JAMES CLARK ROSS R.N.

- (XII) Plate, shewing the progressive westerly movement of the Magnetic Phenomena in the Southern Atlantic Ocean
 J. & C. Walker XIII PLATE SHOWING THE LINES OF EQUAL INTENSITY DEDUCED FROM THE OBSERVATIONS OF THE ARCTIC EXPEDITION
- IX, 283-294, Newport, George, On the Reproduction of lost parts in Myriapoda and Insecta, read on 20 June 1844
 G. Newport J. Basire sc. XIV, 293 (Details of different insects, 16 figures)
- XI, 305-319, Wilson, Erasmus, Researches into the Structure and Development of a newly discovered Parasitic Animalcule of the Human Skin, read on 14 December 1843
 W. Hogg & Erasmus Wilson J. Basire sc. XV, 317 (Illustrations of worm, figures 1-10)
 Erasmus Wilson J. Basire sc. XVI, 317 (Illustrations of worm, figures 11-32)
 Erasmus Wilson J. Basire sc. XVII, 317 (Illustrations of worm, figures 33-42)
- XII, 321-324, Rosse, Earl of, Observations on some of the Nebulae, read on 13 June 1844
 J. Basire sc. XVIII, 321 (Observations of Nebulae, figures 81 and 88)
 J. Basire sc. XIX, 321 (Observations of Nebulae, figures 826, 29 and 47)
- 1845, CXXXV, 17 articles, 6 plates
 I, 1-124, Airy, G.B., Of the Laws of the Tides on the Coast of Ireland, read on 12 December 1844
 (I) MAP TO ACCOMPANY MR. AIRY'S PAPER ON THE TIDES upon the COAST OF IRELAND
- X, 269-282, Powell, Rev. Baden, On the Elliptic Polarization of Light by Reflexion from Metallic Surfaces, read on 19 June 1845
 J. Basire lith. II, 270 (3 figures demonstrating experiment)
- XII, 283-295, Mateucci, Carlo, Electro-Physiological Researches. First Memoir, read on 5 June 1845
 Fran. Pierucci J. Basire sc. III, 284 (Details of experiment with frog parts, figures 1-7)
- XII, 297-301, Mateucci, Carlo, Electro-Physiological Researches. Second Memoir, read on 19 June 1845
 Fran. Pierucci J. Basire sc. IV, 299 (Details of a frog, figures 8-14)
- XV, Jones, Henry Bence, Contributions to the Chemistry of Urine, read on 19 June 1845
 J. Basire lith. V, 34(4) (6 figures of experimental observations)
- XVI, 351-361, Grove, W. R., On the Gas Voltaic Battery, read on 19 June 1845
 J. Basire lith. VI, 352 (5 figures of experiments with batteries)
- 1846, CXXXVI, 29 articles, 36+1 plates
 IV, 63-87, Jones, T. Wharton, The Blood-corpuscule considered in its different Phases of development in the Animal Series, read on 19 June 1845
 Auctor ad nat. J. Basire sc. I, 84 The Blood-corpuscule in its different Phrases of development in Vertebrate Animals (coloured)
- V, 89-101 Jones, T. Wharton, The Blood-corpuscule considered in its different Phases of development in the Animal Series. Memoir II, read on 19 June 1845
 Auctor ad nat. J. Basire sc. II, 99 The Blood-corpuscule in its different Phrases of development in Invertebrate Animals
- VI, 111-120, Somerville, Mrs. M., On the Action of the Rays of the Spectrum on Vegetable Juices, read on 27 November 1845
 J. Basire lith. III, 112 (22 figures illustrating experimental results)
- XII, 148-155, Forbes, James D., Illustrations of the Viscous Theory of Glacier Motion. Part I, read on 10 April 1845
 J. Basire lith. IV, 143 (9 figures illustrating glaciers)
 J. Basire lith. V, 144 (View of model of glacier)
 J. Basire lith. VI, 144 (View of model of glacier)
- XIII, 157-175, Forbes, James D., Illustrations of the Viscous Theory of Glacier Motion. Part II, read on 15 January 1846
 J. Basire lith. VII, 162 (3 figures illustrating dislocation of glaciers)
 J. Basire lith. VIII, 164 (Topographical sketch of glacier from above, 3 figures)
 J. Basire sc. IX, 168-172 ON GLACIERS. PART II. (Section of glacier, fold-out)
- XIV, 177-210, Forbes, James D., Illustrations of the Viscous Theory of Glacier Motion. Part III, read on 26 February 1846
 J. Basire lith. X, 178 (Sketches of the glacier at Schönhorn-Simplon, coloured)
 J. Basire sc. XI, 186 (Temperature charts, fold-out)
- XVI, 213-235, Beck, Thomas Snow, On the Nerves of the Uterus, read on 19 June 1845
 J. Basire sc. XII, 223 (Detailed line drawing of the uterus etc, fold-out)
 J. Basire sc. XII*, 233 ("A finished engraving of the previous plate", p. 233)
 J. Basire sc. XIII, 233 (Posterior part of the pelvic plexus, fold-out)
 J. Basire sc. XIV, 234 (Gravid uterus etc in the ninth month of pregnancy, fold-out)
 J. Basire sc. XV, 235 (Distribution of the nerve to the ovary etc in a gravid uterus, fold-out)
- XVII, 237-336, Sabine, Lieut.-Colonel, Edward, Contributions to Terrestrial Magnetism. No.VII, read on 14 May 1846
 Engraved by J. & C. Walker page 258 Map of the Isoclinical lines or lines of Equal Magnetic Inclination in North America (fold-out chart)
 Engraved by J. & C. Walker Map of the Isodynamic lines or lines of Equal Magnetic Force in North America (fold-out chart)
- XVIII, 337-432, Sabine, Lieut.-Colonel, Edward, Contributions to Terrestrial Magnetism. No.VIII, read on 18 June 1846
 Engraved by J. & C. Walker XVIII, 368 Observations of the Magnetic Inclination MADE ON BOARD H.M. HIRED BARK, PAGODA (fold-out chart)
 Engraved by J. & C. Walker XIX, 368 Observations of the Magnetic Inclination MADE ON BOARD H.M. HIRED BARK, PAGODA, 1845 (fold-out chart)
 Engraved by J. & C. Walker XX, 368 Observations of the Magnetic Inclination MADE ON BOARD H.M. HIRED BARK, PAGODA, 1845 (fold-out chart)
- XXIII, 465-474, Mantell, Gideon Algernon, On the Fossil Remains of the soft parts of Foraminifera, read on 18 June 1846
 J. Basire sc. XXI, 470 Fossil remains of the soft parts of Rotalia in Chalk and Flint (12 figures)
- XXIV, 473-481, Jones, C. Handfield, On the Secretary Apparatus of the Liver, read on 5 February 1846
 J. Basire lith. XXII, 481 (Membranes, 8 figures)
- XXVI, 501-550, Sibson, Francis, On the Mechanism of Respiration, read on 12 March 1846 (plates nicely finished; also many wood cuts on letterpress)
 F. Sibson J. Basire sc. XXIII, 545 (Muscles of respiration in the snake and chameleon, 2 figures)
 F. Sibson J. Basire sc. XXIV, 545 (Muscles of respiration in the fowl, figure 3)
 F. Sibson J. Basire sc. XXV, 545 (Muscles of respiration in the swan, stormy petrel and hawk, figures 4-6)
 F. Sibson J. Basire sc. XXVI, 545 (Muscles of respiration in the porpoise and seal, figures 7-8)
 F. Sibson J. Basire sc. XXVII, 545 (Muscles of respiration in the calf and dog, figures 9-10)
 F. Sibson J. Basire sc. XXVIII, 545 (Muscles of respiration in the rabbit and otter, figures 11-12)
 F. Sibson J. Basire sc. XXIX, 545 (Different views of the human ribs and intercostal muscles during respiration, figures 13-14)
- XXVII, 551-571, Bishop, John, On the Physiology of the Human Voice, read on 11 June 1846
 J. Basire sc. XXXX, 569 (Details of the pharynx and larynx, 2 figures)
 J. Basire sc. XXXI, 570 (Apparatus for experiments on the larynx, figures 3-7)
 J. Basire sc. XXXII, 571 (Illustrations of experiments, figures 8-10)
- XXVIII, 573-631, Graham, Thomas, On the Motion of Gases, read on 18 June 1846
 J. Basire sc. XXXIII, 575 (Drawings of experiments with apparatus, 5 figures)
 J. Basire sc. XXXIV, 597 Effusion of mixed Gases (graph)
 J. Basire sc. XXXV, 634 Transpiration of mixed Gases
- XXIX, 633-641, Goodsir, John, On the Supra-renal, Thymus and Thyroid Bodies, read on 22 January 1846
 J. Basire lith. XXXVI, 650 (Details of organs of sheep and humans)
- 1847, CXXXVII, 17 articles, 13 plates
 I, 1-16, Grove, W.R., The Bakerian Lecture. On certain Phenomena of Voltaic Ignition and the Decomposition of Water into its constituent Gases by Heat, read on 19 November 1846
 J. Basire lith. I, 1 (10 simple line drawings illustrating experiments)
- III, 23-30, Waller, A., Microscopic Observations on the so-called Vesicular Vapours of Water, read on 18 June 1846
 J. Basire lith. II, 26 (8 figures illustrating microscopic results of experiments)
- VI, 51-57, Sabine, Lieut.-Colonel Edward, On the Diurnal Variation of the Magnetic Declination of St. Helena, read on 18 February 1847
 J. & C. Walker sc. III, 55 DIURNAL VARIATION OF THE MAGNETIC DECLENSION (fold-out chart)
 J. & C. Walker sc. IV, 55 DIURNAL VARIATION OF THE MAGNETIC DECLENSION (fold-out chart)
- VIII, 69-77, Brooke, Charles, On the Automatic Registration of Magnetometers, and other Meteorological Instruments, by Photography, read on 26 November 1846
 W. Burgess lithog. V, 72 (Sketches of apparatus, 8 figures)
 W. Burgess lithog. VI, (Sketches of apparatus, 11 figures)
 W. Burgess lithog. VII, (Meteorological readings, 20 figures)
 W. Burgess lithog. VIII, (Meteorological readings, 4 figures)
 W. Burgess lithog. IX, 72 (Meteorological readings, 8 figures - fold-out)
- XI, 111-117, Ronalds, Francis, On Photographic Self-registering Meteorological and Magnetical Instruments, read on 21 January 1847
 F.R. J. Basire zincog. X, 115 (Apparatus, figures 1-7)
 F.R. J. Basire zincog. XI, 116 (Apparatus, figures 8-9)
- XII, 119-216, Glaisher, James, On the Amount of the Radiation of Heat, at night, from the Earth, and from various bodies placed on or near the surface of the Earth, read on 4 February 1847
 F. Pierucci J. Basire sc. XII, 213 (4 figures detailing experiments)
- XVI, 249-251, Fownes, George, On the Value in Absolute Alcohol of Spirits of different Specific Gravities, read on 17 June 1847

	J. Basire sc.	XIII, 250	Comparison of mean and actual specific gravities of various mixtures of alcohol and water
1848, CXXXVIII, 19 articles, 19+1 plates			
I, 1-29, Whewell, Rev. W., The Bakerian Lecture. Researches on the Tides. Thirteenth Series, read on 16 December 1847			
	J. Basire sc.		Chart to accompany Dr. Whewell's Memoir on the Tides of the Pacific 1848
VI, 105- , Beechey, Captain F.W., Report on Observations made upon the Tides in the Irish Sea, read on March 29 1848			
Engraved by	J. & C. Walker	III, 109	TIDE CHART OF THE IRISH CHANNEL
		IV, 106	Form of the wave at each hour of the tide between Fleetwood and Pembroke (fold-out chart)
		V, 112	Shewing the curve of the Tide Wave at springs and neaps in the Bristol Channel (graph)
		VI, 110	Shewing the Height of the Water at each tenth part of the interval of the tide at PORTISHEAD
	J. Basire lith.	VII, 110	(Tide table)
		VIII, 100	(Chart of tides)
Engraved by	J. & C. Walker	IX, 113	TIDE CHART OF THE ENGLISH, IRISH AND BRISTOL CHANNELS (fold-out chart)
Engraved by	J. & C. Walker	X, 113	TIDE CHART OF THE ENGLISH, IRISH AND BRISTOL CHANNELS (fold-out chart)
	J. Basire sc.	XI, 114	SKETCH of the course of the 7 O'clock stream of Tide in the English and Irish Channels (fold-out chart)
Engraved by	J. & C. Walker	105, 106	TIDE CHART OF THE IRISH CHANNEL (fold-out chart)
VII, 117-123, Bell, Thomas, On the Blow-hole of the Porpoise, read on 12 March 1846			
	Maguire lith.	XII, 117	(Details of the head of the porpoise, 3 figures)
XII, 171-181, Mantell, George Algernon, Observations on some Belemnites and other Fossil Remains of Cephalopoda, read on 23 March 1848			
Dinkel del. et lith.	Printed by Basire	XIII, 181	(5 figures of specimens)
Dinkel del. et lith.	Printed by Basire	XV, 181	(4 figures of specimens)
XIII, 183-202, Mantell, George Algernon, On the Structure of the Jaws and Teeth of the Iguanodon, read on 25 May 1848			
Dinkel del. et lith.	Printed by Basire	XVI, 202	The anterior part of the right side of the Lower Jaw of the Iguanodon Mantelli (2 figures, fold-out)
Dinkel del. et lith.	Printed by Basire	XVII, 202	(Jaw of the Iguanodon, 4 figures)
Dinkel del. et lith.	Printed by Basire	XVIII, 202	Teeth of the Iguanodon (6 figures)
Dinkel del. et lith.	Printed by Basire	XIX, 202	Portion of the Upper Jaw of the Iguanodon (2 figures)
1849, CXXXIX, 24 articles, 43 plates			
III, 43-46, Lee, Robert, On the Ganglia and Nerves of the Heart, read on 7 June 1848			
F. West	J. Basire sc.	I, 45	(Highly finished engravings of a child's heart on a black background, 2 figures)
F. West	J. Basire sc.	II, 46	(Detail of a heifer's heart, same style as above)
IV, 47-48, Postscript to a Paper "On the Ganglia and Nerves of the Heart", read on 11 January 1849			
F. West	J. Basire sc.	III, 48	(View of the heart, same style as the engravings in the previous article)
F. West	J. Basire sc.	IV, 48	(View of the heart, same style as the engravings in the previous article)
F. West	J. Basire sc.	V, 48	(View of the heart, same style as the engravings in the previous article)
VI, 61-72, Barlow, W.H., On the Spontaneous Electrical Currents observed in the Wires of the Electric Telegraph, read on 25 May 1848			
	J. Basire sc.	VI, 63	DIAGRAM No. 1 (fold-out graph)
	J. Basire sc.	VII, 64	DIAGRAM No. 2
	J. Basire sc.	VIII, 64	DIAGRAM No. 3 (fold-out)
IX, 109-137, Jones, C.H., On the Structure and Development of the Liver, read on 17 June 1847			
	J. Basire lith	IX, 134	(Livers of various animals, 14 figures)
	J. Basire lith	X, 134	(Livers of various fish, figures 15-27)
	J. Basire lith	XI, 134	(Internal organs of bullock, human and chick, figures 28-30)
X, 139-149, Waller, Augustus, Minute structure of the Papillae and Nerves of the Tongue of the Frog and the Toad, read on 13 April 1848			
	M.M. Waller ad nat.	J. Basire lith	XII, 148
			(Magnified portion of the frog's tongue)
XI, 151-171, Owen, Professor, On the Development and Homologies of the Carapace and Plastron of the Chelonian Reptiles, read on 18 January 1849			
	R. Owen del., Dinkel lith.	Printed by Basire	XIII, 171
			(8 figures of specimens)
XII, 174-234, Sabine, Lieut.-Colonel Edward, Contributions to Terrestrial Magnetism. No. IX, read on 21 June 1849			
Engraved by	J. & C. Walker	XIV, 173	Magnetic Declination in the ATLANTIC OCEAN (fold-out)
Engraved by	J. & C. Walker	XV, 173	Magnetic Declination in the ATLANTIC OCEAN (fold-out)
XIV, 261-270, Jones, Henry Bence, Appendix to a paper on the Variations of the Acidity of the Urine in the state of Health, read on 24 May 1849			
		XVI, 269	The Variations of Acidity during Seventy two hours when a Mixed diet was taken
	J. Basire lith	XVII, 269	Comparison of the Variations of the Acidity when no food was taken
	J. Basire lith	XVIII, 269	The Variations of the Acidity of the Urine during Seventy two hours when only animal food only was taken
	J. Basire lith	XIX, 269	The Variations of the Acidity of the Urine during Seventy two hours when only vegetable food only was taken
	J. Basire lith	XX, 269	The Variations of the Acidity of the Urine during Seventy two hours when nine drachms of dilute Sulphuric Acid were taken
	J. Basire zinc.	XXI, 269	The Variations of the Acidity of the Urine (fold-out chart)
	J. Basire zinc.	XXII, 269	The Variations of the Acidity of the Urine when Tartaric Acid was taken (fold-out chart)
	J. Basire zinc.	XXIII,	The Variations of the Acidity of the Urine with Tartrate of Potash (fold-out chart)
	J. Basire lith	XXIV, 270	The Variations of the Acidity of the Urine
		(XXV)	The Variations of the Acidity of the Urine (coloured chart, combining results with food intake)
			The Variations of the Acidity of the Urine (coloured chart, combining results with chemical intake)
XV, 271-305, Mantell, George Algernon, Additional Observations on the Osteology of the Iguanodon and the Hyoelosaurus, read on 8 March 1849			
West	J. Dinkel lith.	XXVI, 300	Sacrum of the Iguanodon
Dinkel & West	J. Dinkel lith.	XXVII, 301	Part of the Sacrum of the Hyloeosaurus?
J. Dinkel del. et lith.	Printed by Basire	XXVIII, 301	Vertebrae of the Iguanodon
G. Scharf del, J. Dinkel lith	Printed by Basire	XXIX, 302	Vertebrae of the Iguanodon
G. Scharf del, J. Dinkel lith	Printed by Basire	XXX, 303	Scapula, Coracoid and Vertebrae of the Iguanodon
		XXXI, 304	Humeri of the Iguanodon
J. Dinkel del. et lith.	Printed by Basire	XXXII, 305	Posterior portion of the Spinal Column of the Hyoelosaurus (highly-finished fold-out plate)
XVIII, 331-348, Dalrymple, John, Description of an Infusory Animalcule allied to the Genus Notommata of Ehrenberg, read on 15 and 22 February 1849			
	J. Basire lith	XXXIII, 344	(Details of the animalcule, 8 figures)
	J. Basire lith	XXXIV, 346	(Details of the animalcule, 14 figures)
XXI, 403-412, Tomes, John, On the Structure of Dental Tissues of Marsupial Animals, and more especially of the Enamel, read on 21 June 1849			
W. Wing	J. Basire sc.	XXXV, 411	(Details of teeth, 6 figures)
W. Wing	J. Basire sc.	XXXVI, 412	(Details of teeth, figures 7-12)
XXII, 413-434, Huxley, Thomas Henry, On the Anatomy and the Affinities of the Family of the Medusae, read on 21 June 1849			
		XXXVII, 430	(Details of three species of jellyfish, 17 figures)
		XXXVIII, 431	(Details of two further species, figures 18-27)
		XXXIX, 432	(Details of four further species, figures 128-49)
XXIII, 435-475, Williamson, W.C., On the Microscopic Structure of the Scales and Dermal Teeth of some Ganoid and Placoid Fish, read on 21 June 1849			
W.C.W.	J. Basire lith	XL, 473	(Details of specimens, figures 1-7)
W.C.W.	J. Basire lith	XLI, 473	(Details of specimens, figures 8-15)
W.C.W.	J. Basire lith	XLII, 474	(Details of specimens, figures 16-26)
W.C.W.	J. Basire lith	XLIII, 474	(Details of specimens, figures 27-37)
CXL, 1850, 38 articles, 58 plates			
VI. Marshall, John, On the Development of the Great Anterior Veins in Man and Mammalia, read on 21 June 1849			
J.M	J. Basire lith	I, 155	(Sketch of the human heart, 2 figures)
J.M	J. Basire lith	II, 161	(Development of the great anterior veins in the embryo of the sheep, 10 figures)
J.M	J. Basire lith	III, 167	(Development of the great anterior veins in the human embryo, 6 figures)
J.M	J. Basire lith	IV, 168	(Several views of the hearts of human embryos, 11 figures)
Ford M. Brown	J. Basire lith	V, 169	(Sketch of the under surface and left side of the side of the heart)
Ford M. Brown	J. Basire lith	VI, 169	(Sketch of the under surface and left side of the side of the heart)
		(VII)	Inattributed letterpress illustration of apparatus in M. Faraday's Experimental Researches, Series XXIII, p. 188....
VIII, 189-200, Gray, Henry, On the development of the Retina and Optic Nerve, and of the Membranous Labyrinth and Auditory Nerve, read on 31 January 1850			
	J. Basire lith	VIII, 199	(Details of embryo chick, 7 figures)
	J. Basire lith	IX, 199	(Details of embryo chick, figures 8-18)
XII, 235-260, Brougham, Lord, Experiments and Observations upon the Properties of Light, read on 10 January 1850			

	J. Basire sc.	X, 237	(Diagrams, figures 1-10 and 12)
	J. Basire sc.	XI, 241	(Diagrams, figures 11 and 13-22)
	J. Basire sc.	XII, 258	(View of instrument)
	J. Basire sc.	XIII, 258	(View of instrument)
	J. Basire sc.	XIV, 258	(View of instrument)
	J. Basire sc.	XV, 259	(View of instrument)
	J. Basire sc.	XVI, 259	(View of instrument, fold-out)
XV, 297-378, Sykes, W.H. Lieutenant-Colonel, Discussion of Meteorological Observations taken in India, at various heights, embracing those at Dodabetta on the Neelgherry Mountains, read on 21 March 1850			
		XVII, 378	Mean Oscillations of the Barometer corrected for Temperature at Calcutta, Bombay and Madras
	J. Basire lith.	XVIII, 378	Mean horary oscillation of the Barometer at CALCUTTA, for the years 1843, 1844 and 1845 (fold-out graph)
		XIX, 378	Mean horary oscillation of the Barometer at BOMBAY, for the years 1843, 1844 and 1845 (fold-out graph)
		XX, 378	Mean horary oscillation of the Barometer at MADRAS, for the years 1843, 1844 and 1845 (fold-out graph)
XVI, 379-390, Mantell, Gideon Algernon, On the PELOROSAURUS, an undescribed gigantic terrestrial reptile, read on 14 February 1850			
	J. Dinkel del.	G. Scharf lith.	XXI, 387
	J. Dinkel del.	G. Scharf lith.	XXII, 387
	J. Dinkel del.	G. Scharf lith.	XXIII, 387
	J. Dinkel del.	G. Scharf lith.	XXIV, 387
	J. Dinkel del.	G. Scharf lith.	XXV, 387
	J. Dinkel del.	G. Scharf lith.	XXVI, 387
XVIII, 393-398, Mantell, Gideon Algernon, Supplementary Observations on the Structure of Belemnite and Belemniteuthis, read on 14 February 1850			
	J. Dinkel del. et lith.	Printed by Basire	XXVII, 397
	J. Mounsey del.	J. Erxleben lith.	XXVIII, 397
	Mounsey del Erxleben lith	Printed by Basire	XXIX, 397
	Mounsey del Erxleben lith	Printed by Basire	XXX, 397
XX, 423-429, Waller, August, Experiments on the Section of the Glossopharyngeal and Hypoglossal Nerves of the frog, read on 21 February 1850			
	M.M. Waller ad nat.	J. Basire lith.	XXXI, 429
XXI, 431-436, Higginbottom, John, Influence of Physical Agents on the development of the Tadpole of the Triton and the Frog, read on 16 May 1850			
	John Higginbottom	J. Basire lith.	XXXII, 444
XXIV, 481-498, Owen, Professor, On the Development and Homologies of the Molar Teeth of the Wart-Hogs, read on 7 February 1850			
	Jos. Dinkel del et lith		XXXIII, 497
	Jos. Dinkel del et lith		XXXIV, 497
XXV, 499-514, Rosse, Earl of, Observations on the Nebulae, read on 20 June 1850			
	J. Basire sc.	XXXV, 499	(Drawings of observations, 2 figures)
	J. Basire sc.	XXXVI, 499	(Observations, figures 3-5)
	J. Basire sc.	XXXVII, 499	(Observations, figures 6-11)
	J. Basire sc.	XXXVIII, 499	(Observations, figures 12-17)
XXVI, 515-520, Rainey, G., On the Structure and Use of the Ligamentum Rotundum Uteri, read on 11 April 1850			
	J.S. Bristowe	J. Basire lith.	XXXIX, 520
XXVII, 521-527, Owen, Professor, On the Communications between the Cavity of the Tympanum and the Palate in the Crocodilia, read on 28 February 1850			
	Jos. Dinkel del et lith	Printed by Basire	XL, 526
	Jos. Dinkel del et lith	Printed by Basire	XLI, 526
	Jos. Dinkel del et lith	Printed by Basire	XLII, 526
XXVIII, 529-567, Tomes, John, On the Structure of the Dental Tissues of the Order Rodentia, read on 30 May 1850			
		XLIII, 563	(Details of teeth, figures 1-15)
	W. Wing del et lith		XLIV, 563
	W. Wing del et lith	Ford & George liths.	XLV, 563
	W. Wing del et lith	Ford & George liths.	XLVI, 563
XXX, 609-643, Moseley, Henry, On the Dynamical Stability and the Oscillations of Floating Bodies, read on 13 June 1850			
	J. Basire lith.	XLVII, 615	(Diagrams, figures 1-2)
	J. Basire lith.	XLVIII, 616	(Diagrams, figures 3-10)
	J. Basire lith.	XLIX, 627	(Illustration of apparatus)
XXXI, 645-649, Mateucci, Carlo, Electro-Physiological Researches. On induced Contraction. Ninth Series, read on 20 June 1850			
	J. Basire lith.	L, 647	(4 figures illustrating experiments with frogs)
XXIV, 669-675, Jones, Henry Bence, Second appendix to a paper on the Variations of the Acidity of the Urine in the State of Health, read on 20 June 1850			
	J. Basire lith.	LI, 671	The Variations of the Acidity of the Urine when Tartrate of Ammonia was taken (fold-out graph)
	J. Basire lith.	LII, 672	The Variations of the Acidity of the Urine when Carbonate of Ammonia was taken (fold-out graph)
	J. Basire lith.	LIII, 674	The Variations of the Acidity of the Urine when Carbonate of Ammonia was taken (fold-out graph)
XXXV, 677-725, Fairbairn, William, A Experimental Enquiry into the strength of wrought-iron plates and their Riveted Joints as applied to Ship-Building, read on 13 June 1850			
	J. Basire sc.	LIV, 678	(Side and end view of apparatus - 2 figures)
	J. Basire lith	LV, 680	Yorkshire Plates. Shropshire Plates. Derbyshire Plates. Staffordshire Plates (5 figures)
	T.J. Horner	J. Basire sc.	LVI, 689
		J. Basire lith	LVII, 690
		J. Basire lith	LVIII, 703
CXLI, 1851, 31 articles, 53 plates			
III, 29-84, Faraday, Michael, Experimental Researches in Electricity. Twenty-sixth Series, read on 28 November 1850			
	J. Basire lith	I, 57 and 60	(Graph of temperatures)
IV, 85-122, Faraday, Michael, Experimental Researches in Electricity. Twenty-seventh Series, read on 28 November 1850			
	J. Basire sc.	II, 96	(Temperature graphs, fold-out)
VIII, 159-168, Toynbee, Joseph, On the Structure of the Membrana Tympani in the Human Ear, read on 20 June 1850			
	H.T.	J. Basire sc.	III, 156
IX, 169-242, Newport, George, On the Impregnation of the Ovum in the Amphibia, read on 20 June 1850			
	G. Newport del/W. Wing lith	Ford & George liths.	XIV (sic), 175
XII, 287-331, Elliott, Captain C.M., Magnetic Survey of the Eastern Archipelago, read on 16 January 1851 - plates referred to in text, but not scanned			
		IV,	(Curves of the declinometer)
		V,	(Curves of the declinometer)
		VI,	(Curves of the declinometer)
		VII,	(Further curves)
		VIII,	(Further curves)
		IX,	
		X,	
		XI,	
		XII,	(Lines of equal magnetic dip and equal magnetic declination)
		XIII,	(Lines of equal horizontal and lines of equal total intensity)
		XIV,
XXIV, 567-594, Huxley, Thomas Henry, Observations upon the Anatomy and Physiology of Salpa and Pyrosoma, read on 27 March 1851			
XXV, 595-605, Huxley, Thomas Henry, Remarks upon Appendicularia and Doliolum, two genera of Tunicata, read on 27 March 1851			
	T.H.H. ad nat.	J. Basire lith.	XV, 603
	T.H.H. ad nat.	J. Basire lith.	XVI, 603
	T.H.H. ad nat.	J. Basire lith.	XVII, 603
	T.H.H. ad nat.	J. Basire lith.	XVIII, 603
	T.H.H. ad nat.	J. Basire lith.	XIX, 603
XXVI, 607-621, Clarke, J. Lockhart, Researches into the Structure of the Spinal Chord, read on 5 December 1850			
	J.L. Clarke del/W. Wing lith	Ford & George liths	XX, 619
	J.L. Clarke del/W. Wing lith	Ford & George liths	XXI, 619
	J.L. Clarke del/W. Wing lith	Ford & George liths	XXII, 619
	J.L. Clarke del/W. Wing lith	Ford & George liths	XXIII, 619
	J.L. Clarke del/W. Wing lith	Ford & George liths	XXIV, 619

J.L. Clarke del/W. Wing lith	Ford & George liths	XXV, 619	(Transverse sections of the spinal chord of the calf, figures 13 and 15)
XXVIII, 635-641, Sabine, Lieut.-Colonel Edward, On the Annual Variation of the Magnetic Declination, at different periods of the Day, read on 22 May 1851			
Corpl. W.J. Murphy R.A.	J. Basire sc.	XXVI, 636	RANGE OF THE MAGNETIC DECLINATION IN A MEAN OR TYPICAL YEAR (fold-out graph)
Corpl. W.J. Murphy R.A.	J. Basire sc.	XXVII, 635	ANNUAL VARIATION of the MAGNETIC DECLINATION at the different hours (fold-out graph)
XXIX, 643-702, Williamson, W.C., Investigations into the Structure and Development of the Scales and Bones of Fishes, read on 20 June 1850			
W.C.W. del/W. Wing lith	Ford & George liths	XXVIII, 700	(Details of fish scales, figures 1-13)
W.C.W. del/W. Wing lith	Ford & George liths	XXIX, 701	(Details of fish scales, figures 14-23)
W.C.W. del/W. Wing lith	Ford & George liths	XXX, 701	(Details of fish scales and bones, figures 24-32)
W.C.W. del/W. Wing lith	Ford & George liths	XXXI, 702	(Details of fish bones, figures 33-41)
XXX, 703-718, Beechey, Captain F.W., Report of further Observations upon the Tidal Streams of the North Sea and English Channel, read on 15 May 1851			
J. Basire sc.	XXXII, 718	CHART showing the situation of the places at which TIDAL OBSERVATIONS have been made (fold-out)	
J. Basire sc.	XXXIII, 718	CHART showing the situation of the places at which TIDAL OBSERVATIONS have been made (fold-out)	
J. Basire sc.	XXXIV, 718	CHART showing the situation of the places at which TIDAL OBSERVATIONS have been made (fold-out)	
J. Basire sc.	XXXV, 718	CHART showing the situation of the places at which TIDAL OBSERVATIONS have been made (fold-out)	
J. Basire sc.	XXXVI, 718	CHART showing the situation of the places at which TIDAL OBSERVATIONS have been made (fold-out)	
J. Basire sc.	XXXVII, 718	CHART showing the situation of the places at which TIDAL OBSERVATIONS have been made (fold-out)	
J. Basire sc.	XXXVIII, 718	CHART showing the situation of the places at which TIDAL OBSERVATIONS have been made (fold-out)	
J. Basire sc.	XXXIX, 718	CHART showing the situation of the places at which TIDAL OBSERVATIONS have been made (fold-out)	
J. Basire sc.	XL, 718	PLAN 1. REVOLVING TIDES	
J. Basire sc.	XLI, 718	PLAN 2 showing the form of the surface of the water, and the direction of the stream (fold-out)	
J. Basire lith.	XLII, 718	PLAN 3 (fold-out chart)	
J. Basire lith.	XLIII, 718	PLAN 4 (fold-out chart)	
XXXI, 719-764, Owen, Professor, On the MEGATHERIUM, read on 9 January 1851			
J. Dinkel del et lith	Printed by J. Basire	XLIV, 759	Homo (figures 1-2)
J. Dinkel del et lith	Printed by J. Basire	XLV, 759	Macacus nemestrinus (figures 3-7)
Dinkel del et lith	Printed by J. Basire	XLVI, 760	(Leptonyx) Phoca serridens. Helamys capensis. Lagotis (figures 8-10)
Dinkel del et lith	Printed by J. Basire	XLVII, 760	Hydrochaerus Capybara. Phascolumys Wombat (figures 11-13)
J. Dinkel del et lith	Printed by J. Basire	XLVIII, 760	Delphinus delphis. Delphinus tursio. Moscus moschiferus (figures 14-16)
Dinkel del.	Printed by J. Basire	XLIX, 760	(Vertebrae of three-toed sloth, Echidna hystrix, armadillo and great ant-eater, figures 17-20)
J. Dinkel del et lith	Printed by J. Basire	L, 761	(Vertebrae of the ant-eater, figures 21-23)
Dinkel del.	Printed by J. Basire	LI, 761	(Vertebrae of various reptiles, figures 24-47)
J. Dinkel del et lith	Printed by J. Basire	LII, 762	(Vertebrae of the penguin, tortoise and crocodile, figures 48-59)
J. Dinkel del et lith	Printed by J. Basire	LIII, 764	(Vertebrae of various animals, figures 61-63)
CXLII, 1852, 23 articles, 35 plates			
I, 1-17, Wheatstone, Charles, The Bakerian Lecture. Contributions to the Physiology of Vision. Part the Second, read on 15 January 1852			
J. Basire	I, 3	(Illustrations of apparatus and experiments, 7 figures)	
II, 19-24, Brooke, Charles, On the Automatic Registration of Magnetometers, and Meteorological Instruments, by Photography, read on 19 June 1851 (sic)			
	II, 24	(Plan, elevation and details of instruments)	
IV, 57-64, Letheby, H., An Account of two cases, in which Ovules, or their Remains, were discovered in the Fallopian Tubes of Unimpregnated Women, read on 1 May 1851 (sic)			
J. Basire lith.	III, 63	(Details of uterus, fallopian tubes and ovule mass, 12 figures)	
	Plates IV-V	See under article X	
V, 65-82, Joule, James Prescott, On the Air-Engine, read on 19 June 1851 (sic)			
J. Basire sc.	VI, 65	(Details of experimental apparatus, 5 figures)	
VI, 83-86, Waterstone, J.J., On a General Law of Density in Saturated Vapours, read on 19 June 1851 (sic)			
	VII, 83	Chart of Saturated Vapours (fold-out)	
VII, 87-101, Grove, W.R., On the Electro-Chemical Polarity of Gases, read on 1 April 1852			
J. Basire	J. Basire sc.	VIII, 101	(Experimental apparatus and results, 12 figures)
	Plate IX	See under article 11	
IX, 125-129, Elliott, Captain C.M., On the Lunar Atmospheric Tide at Singapore, read on 11 March 1852			
J. Basire sc.	X, 125	CHART OF THE LUNAR ATMOSPHERIC TIDE (fold-out)	
X, 131-136, Jones, T. Wharton, Discovery that the Veins of the Bat's Wing (which are furnished with valves) are endowed with rhythmical contractility, read on 5 February 1852			
J. Basire lith.	IV, 136	(Details of bat's veins and arteries, 5 figures)	
	V, (136) (Portion of the vascular network of the bat's wing - coloured, with letterpress)	
XI, 137-159, Faraday, Michael, Experimental Researches in Electricity. Twenty-ninth Series, read on 1 April 1852			
J. Basire sc.	IX, 158	(24 figures of experimental observations)	
XIII, 207-252, Hancock, Albany and Embleton, Dennis, On the Anatomy of Doris, read on 4 March 1852			
A. Hancock	J. Basire lith.	XI	(Views of viscera of various types of Doris, 4 figures)
A. Hancock	J. Basire lith.	XII	(Various details of different types of Doris, 14 figures)
A. Hancock	J. Basire lith.	XIII	(Various details of different types of Doris, 13 figures)
A. Hancock	J. Basire lith.	XIV	(Various details of different types of Doris, 10 figures)
A. Hancock	J. Basire lith.	XV	(Various details of different types of Doris, 8 figures)
A. Hancock	J. Basire lith.	XVI	(Various details of different types of Doris, 12 figures)
A. Hancock	J. Basire lith.	XVII	(Various details of different types of Doris, 9 figures)
A. Hancock	J. Basire lith.	XVIII	(Various details of different types of Doris, 7 figures)
XVI, 289-294, Henfrey, Arthur, On the Anatomy of the Stem of Victoria regia, read on 22 April 1852			
A. Henfrey	J. Basire lith.	XIX	Victoria regia (view and vertical section of the plant stem, 2 figures)
A. Henfrey	J. Basire lith.	XX	Victoria regia (various sections of the stem, figures 3-13)
XVII, 295-309, Gray, Henry, On the Development of the Ductless Glands in the Chick, read on 15 January 1852			
John Grove	J. Basire lith.	XXI	(Details of body parts, 7 figures)
John Grove	J. Basire lith.	XXII	(Details of body parts, figures 8-12)
XX, 445-461, Sharpe, Daniel, On the arrangement of the Foliation and the Cleavage of the Rocks of the North of Scotland, read on 19 February 1852			
J. Basire lith.	XXIII	(5 figures of geological sections)	
J. Basire sc.	XXIV	MAP OF SCOTLAND (coloured, fold-out, geological map)	
XXI, 463-562, Stokes, G.G., On the Change of Refrangibility of Light, read on 27 May 1852			
G.G. Stokes	J. Basire sc.	XXV	(5 figures demonstrating experimental results)
XXII, 563-, Nelson, Henry, The Reproduction of the Ascaris Mystax, read on 5 June 1851 (sic)			
J. Basire sc.	XXVI	(Details of worm, figures 1-11)	
J. Basire sc.	XXVII	(Details of worm, figures 12-38)	
J. Basire sc.	XXVIII	(Details of worm, figures 39-47)	
J. Basire sc.	XXIX	(Details of worm, figures 48-83)	
J. Basire sc.	XXX	(Details of worm, figures 84-92)	
XXIII, 595-, Williams, Thomas, On the Blood-proper and Chylaqueous fluid of Invertebrate Animals, read on 18 March 1852			
T. Williams del. ad nat.	J. Basire sc.	XXXI	(Corpuscles, figures 1-20)
T. Williams del. ad nat.	J. Basire sc.	XXXII	(Corpuscles, figures 31-40)
T. Williams del. ad nat.	J. Basire sc.	XXXIII	(Corpuscles, figures 41-60)
T. Williams del. ad nat.	J. Basire sc.	XXXIV	(Corpuscles, figures 61-80)
Thos. Williams M.D.	J. Basire lith.	XXXV	Diagram illustrative of the Classification of the Invertebrated Animals on the basis of the Fluids
CXLIII, 1853, 19 articles, 26 plates			
I, 1-28, Jones, C. Handfield, Further Inquiries as to the Structure, Development and Function of the Liver, read on 17 January 1852			
J. Basire sc.	I	(Microscopic details of the livers of various animals, 7 figures)	
II, 29-65, Huxley, Thomas Henry, On the Morphology of the Cephalous Mollusca, read on 13 and 27 May 1852			
T.H.H. ad nat.	J. Basire sc.	II	(Details of different species, 8 figures)
	J. Basire sc.	III	(Details of different species, 6 figures)
T.H.H. ad nat.	J. Basire sc.	IV	(Details of different species, 7 figures)
T.H.H. ad nat.	J. Basire sc.	V	(Details of different species, 17 figures)
IV, 109-139, Tomes, John and De Morgan, Campbell, Observations on the Structure and Development of Bone, read on 10 June 1852			
J. Basire sc.	VI	(Sections of bones etc, figures 1-8)	

- J. Basire sc. VII (Sections of bones etc, figures 9-18)
 J. Basire sc. VIII (Sections of bones etc, figures 19-26)
 J. Basire sc. IX (Sections of bones etc, figures 27-34)
- V, 141-164, Sabine, Colonel Edward, On the Periodic and Non-Periodic Variations of Temperature at Toronto in Canada, read on 10 February 1853
 J. Basire sc. X Chrono-Isothermals at Toronto, derived from six years of hourly observations
 J. Basire sc. XI Five-day Means of the Temperature at Toronto from 12 years of Observation
- VII, 179-200, Airy, G.B., On the Eclipses of Agathocles, Thales and Xerxes, read on 3 February 1853
 J. Basire sc. XII MAP TO ILLUSTRATE THE ECLIPSE OF AGOTHACLES
 J. Basire sc. XIII MAP TO ILLUSTRATE THE ECLIPSE OF THALES (fold-out)
- VIII, 201-216, Jones, Henry Bence, On the Dissolution of Urinary Calculi in the dilute Saline Fluids, read on 16 December 1852
 W. Lens aldous from nature Printed by Basire XIV (Calculi showing action of fluids, 9 figures)
- XI, 291-310, Owen, Professor, Description of some Species of the extinct Genus Nesodon, read on 13 January 1853
 J. Dinkel del et lith Printed by Basire XV (Nesodon ovinis, skull and teeth, 4 figures)
 J. Dinkel del et lith Printed by Basire XVI (Nesodon ovinis, jaws and teeth, figures 5-9)
 J. Dinkel del et lith Printed by Basire XVIII (Nesodon imbricatus, jaws and teeth, figures 10-14)
 J. Dinkel del et lith Printed by Basire XVIII Nesodon Sulivani and Nesodon magnus, teeth, figures 15-23)
- XII, 311-346, Welsh, John, An Account of Meteorological Observations in four Balloon Ascents, read on 26 May 1853
 J. Basire sc. XIX Meteorological observations in the Balloon Ascent of August 17th 1852
 J. Basire sc. XX Meteorological observations in the Balloon Ascent of August 26th 1852
 J. Basire sc. XXI Meteorological observations in the Balloon Ascent of October 21st 1852
 J. Basire sc. XXII Meteorological observations in the Balloon Ascent of November 10th 1852
- XIII, 347-356, Clarke, J. Lockhart, On certain functions of the Spinal Chord, read on 14 April 1853
 J.L. Clarke from nature J. Basire sc. XXIII (Longitudinal section of the spinal chord)
 J.L. Clarke from nature J. Basire lith. XXIV (Longitudinal section of the spinal chord)
- XV, 367-84, Allman, George James, On the Anatomy and Physiology of Cordylophora, read on 16 June 1853
 G.J. Allman J. Basire sc. XXV (View and section, figures 1-3)
 G.J. Allman J. Basire sc. XXVI (Details, figures, 4-24)
- CXLIV, 1854, 15 articles, 4 plates
- X, 259-263, Hooker, J.D., On the Functions and Structure of the Rostellum of *Listera ovata*, read on 15 June 1854
 J.D.H. J. Basire sc. I *Listera ovata* (12 figures of details of the flower)
- XI, 285-296, Ross, Captain James Clark, On the Effect of the Pressure of the Atmosphere on the Mean Level of the Ocean, read on 15 June 1854
 J. Basire sc. I (Fold-out chart)
- XV, 321-364, Joule J.P. and Thomson, Professor W., On the Thermal Effects of Fluids in Motion. Part II, read on 15 June 1854
 J. Basire sc. III CHART No. 1. CHART No. 3
 J. Basire sc. IV CHART No. 2. Figure 1
- CXLV, 1855, 17 articles, 27 plates
- I, 1-51, Tyndall, John, The Bakerian Lecture: On the Nature of the Force by Which Bodies Are Repelled from the Poles of a Magnet, read on 25 January 1855
 J. Basire sc. I (Results of experiments, figure 1-32)
 J. Basire sc. II (Results of experiments, figures 1-32)
 C. Becker J. Basire sc. III (Experimental apparatus)
- VI, 149-156, Hooker, Joseph Dalton and Binney, Edward William, On the Structure of Certain Limestone Nodules Enclosed in Seams of Bituminous Coal, read on 14 December 1854
 J.D. Hooker J. Basire sc. IV (Fossil specimens, 15 figures)
 J.D. Hooker J. Basire sc. V (Fossil specimens, 17 figures)
- VIII, 179-223, Gladstone, J.H., On Circumstances modifying the Action of Chemical Affinity, read on 8 March 1855
 J. Basire sc. VI Verticle Sections of the Excavations at Helipolis (multiple figures)
 J. Basire sc. VIII (Graphs - 3 figures)
 J. Basire sc. VIII (Graphs - 2 figures)
 J. Basire sc. IX (Graphs - 8 figures)
- X, 243-258, Savory, William S., On the Development of striated muscular fibre in Mammalia, read on 21 December 1854 and 11 January 1855
 W. S. Savory J. Basire lith X (Specimens from a foetal pig, figures 1-9)
 W. S. Savory J. Basire lith XI (Specimens from a foetal pig, figures 10-14)
- IX, 225-242, Barlow, William Henry, On the Existence of an Element of Strength in Beams Subjected to Transverse Strain, read on 29 March 1855
 J. Basire sc. XII Beam employed in determining the position of the neutral axis. Measuring instrument
 J. Basire sc. XIII (The form and dimension of the beams - multiple figures)
- XII, 277-288, Macdonald, John Denis, On the Anatomy of *Nautilus umbilicatus*, Compared with That of *Nautilus Pompilius*, read on 22 march 1855
 J. MacDonald del Day & Son, lith XIV (N. umbilicatus removed from its shell, 2 figures)
 J. Erxleben lith to the Queen XV (Dissection of the same, 13 figures)
- XIII, 289-293, Macdonald, John Denis, Remarks on the Anatomy of *Macgillivrayia pelagica* and *Cheletropis Huxleyi* (Forbes), read on 21 December 1854
- XIV, 295-297, Macdonald, John Denis, Further Observations on the Anatomy of *Macgillivrayia*, *Cheletropis*, and Allied Genera of Pelagic Gasteropoda, read on 22 March 1855
 J. MacDonald del Day & Son, liths XVI (24 figures of specimens)
 J. Erxleben lith to the Queen
- XVI, 359-388, Owen, Professor, On the Megatherium, Part II, read on 8 May 1855
 Jas. Dinkel del Printed by J. Basire XVII MEGATHERIUM AMERICANUM (fold-out view of full skeleton)
 J. Dinkel del & lith Printed by J. Basire XVIII (Fifth dorsal and first caudal vertebrae, 2 figures, fold-out)
 J. Dinkel del & lith Printed by J. Basire XIX (Dorsal vertebrae, 5 figures)
 Jas. Dinkel del & lith Printed by J. Basire XX (Atlas and vertebrae, 7 figures)
 Jas. Dinkel del & lith Printed by J. Basire XXI (Vertebrae, 6 figures - fold-out)
 Jas. Dinkel Printed by J. Basire XXII (First sacral vertebrae)
 Jas. Dinkel del & lith Printed by J. Basire XXIII (Sacral vertebrae, 2 figures - fold-out)
 J. Dinkel del & lith Printed by J. Basire XXIV (Caudal vertebrae, 13 figures, fold-out)
 J. Dinkel del & lith Printed by J. Basire XXV (Ribs, 2 figures - fold-out)
 Jas. Dinkel del Printed by J. Basire XXVI (Ribs, vertebrae and clavicle, 7 figures)
 Jas. Dinkel del Printed by J. Basire XXVII (Dorsal vertebrae and bones of the sternum, 11 figures)
- CXLVI, 1856, 30 articles, 35 plates
- I, 1-13, Andrews, Thomas, On the Constitution and Properties of Ozone, read on 21 June 1856
 J. Basire lith. I (5 figures illustrating experiments)
- IV, 31-52, Platt, the Venerable John Henry, On the Effect of Local Attraction on the Plumb-line at stations on the English Arc of the Meridian, read on 21 June 1855
 J. Basire lith. II (Map of England and Wales)
 J. Basire sc. III (Fold-out graphs)
- X, 181-236, Carpenter, William B., Researches on the Foraminifera, read on 14 June 1855
 Geo. West del/Lens Aldous lith Day & Son liths IV (Specimens, 13 figures)
 George West del & lith Day & Son liths V (Specimens, 12 figures, black background)
 George West del & lith Day & Son liths VI (Specimens, 10 figures)
 Geo. West del/Lens Aldous lith Day & Son liths VII (Specimens, 16 figures, black background)
 Geo. West del/Lens Aldous lith Day & Son liths VIII (Specimens, 10 figures, black background)
 Geo. West del/Lens Aldous lith Day & Son liths IX (Specimens, 9 figures, black background)
 X See under article XV
- XIV, Airy, J.B., 297- Account of Pendulum Experiments undertaken in the Harton Colliery, for the purpose of determining the Mean Density of the Earth, read on 24 and 31 January 1856
 J. Basire sc. XI (Views of apparatus)
 J. Basire sc. XII Map of the country about the Harton Colliery etc (4 figures)
- XV, 357-374, Sabine, Colonel Edward, On Periodical Laws discoverable in the Mean Effects of the larger Magnetic Disturbances. No. III, read on 4 February 1856
 J. Basire sc. X (3 graphs showing effects of disturbances)
- XVI, 375-398, Beale, Lionel S., On the ultimate arrangement of Biliary Ducts, and on some other points in the Anatomy of the Liver of Vertebrate Animals, read on 21 June 1855 (sic)
 Lionel Beale ad nat. J. Basire sc. XIII (Details of liver, 9 figures)
 Lionel Beale ad nat. J. Basire sc. XIV (Details of liver, figures 10-16)
 Lionel Beale ad nat. J. Basire sc. XV (Details of liver, figures 17-38)

- XIX, 420-452, Gosse, Philip Henry, On the Structure, Functions, and Homologies of the Manducatory Organs in the Class ROTIFERA, read on 1 March 1855 (sic)
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| P.H. Gosse ad vivum | J. Basire sc. | XVI | (Magnified portions of specimens, 85 figures across 3 plates) |
| P.H. Gosse ad vivum | J. Basire sc. | XVII | (Magnified portions of specimens, 85 figures across 3 plates) |
| P.H. Gosse ad vivum | J. Basire sc. | XVIII | (Magnified portions of specimens, 85 figures across 3 plates) |
- XXII, 499-506, Sabine, Colonel Edward, On the Lunar-Diurnal Magnetic Variation at Toronto, read on 19 June 1856
- | | | | |
|--|---------------|-----|-------------------------------------------------------------------------|
| | J. Basire sc. | XIX | Lunar-diurnal Variations of the Magnetic Elements (5 figures of graphs) |
|--|---------------|-----|-------------------------------------------------------------------------|
- XXIII, 507-513, Welsh, John, Account of the Construction of a Standard Barometer, read on 19 June 1856
- | | | | |
|--------------|---------------|----|---------------------------------------------------|
| J.V. Magrath | J. Basire sc. | XX | (Line drawings illustrating barometer, 4 figures) |
|--------------|---------------|----|---------------------------------------------------|
- XXV, 515-522, Tomes, John, On the Presence of Fibrils of Soft Tissue in the Dental Tubes, read on 13 March 1856
- | | | | |
|-------------------------------|----------------------|-----------|---------------------------------|
| E. Morrett Williams del et sc | Printed by J. Basire | XXI* | (Details of a tooth, 4 figures) |
| | | XXII-XXVI | See under article XXVII |
- XXVI, 547-569, Carpenter, William B., Researches on the Foraminifera, read on 19 June 1856
- | | | | |
|-------------------------------|-----------------|--------|----------------------------------------------|
| Geo West del/Lens Aldous lith | Day & Son liths | XXVIII | (Specimens, 24 figures, on black background) |
| Geo West del/Lens Aldous lith | Day & Son liths | XXIX | (Specimens, 12 figures) |
| Geo. West del et lith | Day & Son liths | XXX | (Specimens, 4 figures, on black background) |
| Geo. West del et lith | Day & Son liths | XXXI | (Specimens, 11 figures) |
- XXVII, 571-589, Owen, Professor, On the MEGATHERIUM, read on 8 May 1851 (sic)
- | | | | |
|-----------------|----------------------|-------------|--------------------------------------------------------------|
| Jas. Dinkel del | Printed by J. Basire | XXI | (Skull and mandible, 2 figures) |
| Jas. Dinkel del | Printed by J. Basire | XXII | (Views of the skull, 2 figures) |
| Jas. Dinkel del | Printed by J. Basire | XXIII | (Views of the skull and mandible, 4 figures) |
| Jas. Dinkel del | Printed by J. Basire | XXIV | (Base view of the skull - fold-out) |
| Jas. Dinkel del | Printed by J. Basire | XXV | (Upper and side views of the mandible, 2 figures - fold-out) |
| Jas. Dinkel del | Printed by J. Basire | XXVI | (Jaw and teeth, 3 figures) |
| | | XXVII.... | |
| | | XXVIII-XXXI | See under article XXVI |
- XXVIII, 591-606, James, Lieutenant-Colonel, On the Deflection of the Plumb-line at Arthur's Seat, and the Mean Specific Gravity of the Earth, read on 21 February 1856
- | | | | |
|--------------------------|---------------------|--------|---------------------------------------------------------------------------------|
| | | XXXII | PLAN OF ARTHUR'S SEAT. Part of an Electrotype Copy of Sheet 2 of EDINBURGHSHIRE |
| Engraved at the Ord. Map | Office, Southampton | XXXIII | SECTIONS THROUGH ARTHUR'S SEAT |
- XXIX, 617-626, James, Lieutenant-Colonel, Superintendent of the Ordnance Survey, On the Figure, Dimensions, and Mean Specific Gravity of the Earth, read on 8 May 1856
- | | | | |
|--------------------------|---------------------|-------|-----------------------------------------------------------------------|
| Engraved at the Ord. Map | Office, Southampton | XXXIV | (Trigonometric survey map of the British Isles, with scale, fold-out) |
| | | XXXV | (Graphs) |
- CXLVII, 1857, 38 articles, 33 plates
- I, 1-8, Sabine, Major-General Edward, On the Evidence of the existence of the Decennial Inequality in the Solar-diurnal Magnetic Variations, read on 18 December 1856
- | | | |
|---------------|---|------------------------------------------|
| J. Basire sc. | I | Hobarton - Magnetic Declination (graphs) |
|---------------|---|------------------------------------------|
- III, 29-42, Brooke, Henry James, On the Geometrical Isomorphism of Crystals, read on 19 June 1856
- | | | |
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| | II | (Fold-out tables listing crystallised minerals) |
| | III | (Fold-out tables listing crystallised minerals) |
| | IV | (Fold-out tables listing crystallised minerals) |
| | V | (Fold-out tables listing crystallised minerals) |
- VI, 79-100, Lubbock, John, An account of Two Methods of Reproduction in Daphnia, read on 29 January 1857
- | | | | |
|------------|-------------------|-----|------------------------------------|
| J. Lubbock | J. Basire lithog. | VI | (Details of specimens, 10 figures) |
| J. Lubbock | J. Basire lithog. | VII | (Details of specimens, 13 figures) |
- VII, 101-110, Owen, Professor, On the SCALIDOTHERE, read on 18 December 1856
- | | | | |
|-------------------------------|----------------------|------|---------------------------------------------------------------------------------|
| J. Lamprey del/J. Dinkel lith | Printed by J. Basire | VIII | SCALIDOTHERIUM LEPTOCEPHALUM (skull, molars and mandibles, 5 figures, fold-out) |
| J. Lamprey del/J. Dinkel lith | Printed by J. Basire | IX | SCALIDOTHERIUM LEPTOCEPHALUM (skull and molars, 3 figures, fold-out) |
- VIII, 111-127, Rainey, George, On the Structure and Development of the Cysticercus cellulosa, read on 19 March 1857
- | | | | |
|-----------------------|-------------|----|-----------------------------------|
| Tuffen West del et sc | W. West imp | X | (Microscopic details, 16 figures) |
| Tuffen West del et sc | W. West imp | XI | (Microscopic details, 14 figures) |
- XI, 183-215, Kirkman, Rev. Thomas P., On Autopolar Polyhedra, read on 19 June 1856 (sic)
- | | | |
|---------------|---------------|----------------------------|
| J. Basire sc. | XII, 188 etc | (19 figures of diagrams) |
| J. Basire sc. | XIII, 198 etc | (Diagrams, figures 20-35) |
| J. Basire sc. | XIV, 212 etc | (Diagrams, figures 36 etc) |
- XIV, 313-326, Gosse, Philip Henry, On the Dioecious Character of the Rotifera, read on 13 March and 3 April 1856 (sic)
- | | | |
|---------------|----|---------------------------|
| J. Basire sc. | XV | (31 figures of specimens) |
|---------------|----|---------------------------|
- XVI, 347-353, Owen, Professor, Description of the Fœtal Membranes and Placenta of the Elephant, read on 14 May 1857
- | | | | |
|---------------------------------|----------------------|-----|--------------------------------------------------------|
| From nat on stone by J. Exleben | Printed by J. Basire | XVI | FETAL MEMBRANES & PLACENTA OF THE ELEPHANT (3 figures) |
|---------------------------------|----------------------|-----|--------------------------------------------------------|
- XVII, 355-380, Bunsen, Robert and Roscoe, Henry Enfield, Photo-chemical Researches. Part I, read on 20 and 27 November 1856
- | | | | |
|-------------|---------------|--------|---------------------------------------|
| Fred. Veish | J. Basire sc. | XXVII | (Experimental apparatus, figures 1-2) |
| J. Veish | J. Basire sc. | XXVIII | (Experimental apparatus, figures 3-4) |
- XVIII, 381-402, Bunsen, Robert and Roscoe, Henry Enfield, Photo-chemical Researches. Part II, read on 15 January 1857
- | | | |
|---------------|------|---------------------------------------|
| J. Basire sc. | XIX | (Graphs, figures I and II) |
| J. Basire sc. | XX | (Fold-out graphs, figures III and IV) |
| J. Basire sc. | XXI | (Graphs, figures V and VII) |
| J. Basire sc. | XXII | (Graph, figure VI) |
- XIX, 403-413, Marcet, W., On the Immediate Principles of Human Excrements in the Healthy State, read on 12 March 1857
- | | | | |
|---------------------|----------------|-------|------------------------------------------------------------|
| W.G. Seanson ad nat | J. Basire lith | XXIII | A. GROUPS OF CRYSTALS OF EXCRETINE SEEN WITH THE NAKED EYE |
|---------------------|----------------|-------|------------------------------------------------------------|
- XXVI, 243-253, Currey, Frederick, On the Fructification of certain Sphaericious Fungi, read on 18 June 1857
- | | | | |
|-----------|---------------|------|----------------------------|
| F. Currey | J. Basire sc. | XXIV | (Specimens, figures 1-11) |
| F. Currey | J. Basire sc. | XXV | (Specimens, figures 12-22) |
| F. Currey | J. Basire sc. | XXVI | (Specimens, figures 23-31) |
- XXIX, 601-620, Bunsen, Robert and Roscoe, Henry Enfield, Photo-chemical Researches. Part III, read on 15 January 1857
- | | | | |
|----------|---------------|-------|-----------------------------|
| F. Veish | J. Basire sc. | XXVII | (Illustration of apparatus) |
|----------|---------------|-------|-----------------------------|
- XXX, 621-702, Airy, G.B., Account of the Construction of the New Standard of Length, and of its principal Copies, read on 18 June 1857
- | | | | |
|--------|---------------|--------|--------------------------------------------------|
| B. Sly | J. Basire sc. | XXVIII | (Line drawings of apparatus, figures 1-2) |
| B. Sly | J. Basire sc. | XXIX | (Details of apparatus, figures 3-5) |
| B. Sly | J. Basire sc. | XXX | (Details of apparatus, figures 6-12, with scale) |
- XXXVIII, 851-899, Hodgkinson, Eaton, Experimental Researches on the Strength of Pillars of Cast Iron from various Parts of the Kingdom, read on 8 January 1857
- | | | | |
|--------------------|-------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| J. Basire sc. | XXXI | APPARATUS USED IN MR. HODGKINSON'S EXPERIMENTS ON THE STRENGTH OF PILLARS (relatively finished) | |
| J. Basire lithog. | XXXII | PILLARS WHOSE LENGTH AND DIAMETER ARE THE SAME | |
| Hamer & Molesworth | J. Basire lithog. | XXXIII | (Illustrations of results of experiments on hollow and solid pillars, fold-out) |
- CXLVIII. 1858, 37 articles, 71 plates
- I, 1-16, Gassiot, John, The Bakerian Lecture. On the Stratifications and Dark Band in Electrical Discharges as Observed in Torricellian Vacua, read on 4 March 1858
- | | | |
|----------------|---|--------------------------------------|
| J. Basire lith | I | (Experimental equipment, 12 figures) |
|----------------|---|--------------------------------------|
- V, 53-92, Horner, Leonard, An Account of some recent Researches near Cairo. Part II, read on 11 February 1858
- | | | |
|----------------|-----|---------------------------------------------------------------------------|
| J. Basire lith | II | PITS SUNK IN THE AREA OF MEMPHIS (fold-out) |
| J. Basire lith | III | PITS SUNK ACROSS THE NILE VALLEY (fold-out) |
| J. Basire lith | IV | BORINGS BETWEEN THE LIBYAN HILLS AND THE LEFT BANK OF THE NILE (fold-out) |
| J. Basire lith | V | BORINGS BETWEEN THE RIGHT BANK OF THE NILE AND THE ARABIAN HILLS |
- VI, 93-144, Williams, Thomas, Researches on the Structure and Homology of the Reproductive Organs of the Annelids, read on 12 February 1858
- | | | | |
|--------------------|-------------|------|---------------------------------------|
| T. Williams ad nat | E. Williams | VI | (Details of specimens, figures 1-8) |
| T. Williams M.D. | E. Williams | VII | (Details of specimens, figures 9-18) |
| T. Williams M.D. | E. Williams | VIII | (Details of specimens, figures 19-28) |
- IX, 169-184, Owen, Professor, Description of the Skull and Teeth of the Placodus laticeps, read on 11 March 1858
- | | | | |
|---------------------------------|----------------------|----|------------------------------------------------|
| T. Exleben from nature on stone | Printed by J. Basire | IX | (Views of the skull and jaw, 6 figures) |
| T. Exleben from nature on stone | Printed by J. Basire | X | (Views of the skull, jaw and teeth, 7 figures) |
| T. Exleben from nature on stone | Printed by J. Basire | XI | (Views of the mandible and teeth, 4 figures) |
- XIV, 231-259, Clarke, J. Lockhart, Reserches on the Intimate Structure of the Brain, Human and Comparative, read on 18 June 1858

J.L. Clarke ad nat	J. Basire sc.	XII	(Details of brains from various animals, 12 figures)
J.L. Clarke ad nat	J. Basire sc.	XIII	(Details of brains from various animals, 10 figures)
J.L. Clarke ad nat	J. Basire sc.	XIV	(Transverse section of the human brain, figures 23)
J.L. Clarke ad nat	J. Basire sc.	XV	(Details of brains from various animals, figures 24-27)
J.L. Clarke ad nat	J. Basire sc.	XVI	(Details of brains from various animals, figures 28-33)
J.L. Clarke ad nat	J. Basire sc.	XVII	(Details of brains from various animals, figures 34-41)
XV, 261-278, Owen, Professor, On the MEGATHERIUM. Part IV, read on 8 May 1851 (sic)			
J. Dinkel del	Printed by J. Basire	XVIII	(Oblique front view of the skeleton of the Megatherium)
J. Dinkel del	Printed by J. Basire	XIX	(Various bones, 2 figures)
Jos. Dinkel del	Printed by J. Basire	XX	(Various bones, 5 figures)
Jos. Dinkel del	Printed by J. Basire	XXI	(Various bones, 6 figures)
J. Dinkel del	Printed by J. Basire	XXII	(Bones of the right forefoot, fold-out)
XVI, 279-332, Bowerbank, J. S., On the Anatomy and Physiology of the Spongiade, read on 18 June 1857 (sic)			
Lens Aldous lith	Printed by J. Basire	XIII	(Specimens, 53 figures)
Lens Aldous lith	Printed by J. Basire	XIV	(Specimens, 58 figures)
Lens Aldous lith	Printed by J. Basire	XXV	(Specimens, 39 figures)
Lens Aldous lith	Printed by J. Basire	XXVI	(Specimens, 51 figures)
XVIII, 349-368, Calvert, F. Crace, On the Relative Power of Metals and Alloys to conduct Heat. Part I, read on 25 March 1858			
J. Basire lith		XXVII	(Illustrations of apparatus and experiments)
XXI, 389-413, Fairbairn, William, On the Resistance of Tubes to collapse, read on 20 May 1858			
J. Basire sc.		XXVIII	FIG 1. ELEVATION OF EXPERIMENTAL PPARATUS (Illustration of an ordinary boiler flue)
J. Basire sc.		XXIX	PROPOSED IMPROVEMENTS in the construction of boiler flues
XXV, 465-, Smith, Professor C. Piazz, Astronomical Experiment on the Peak of Teneriffe, read on 18 June 1857 (sic)			
C.P.S.	J. Basire lith	XXX	TENERIFFE ASTRONOMICAL EXPERIMENT. THE CANARY ISLANDS from the Admiralty chart of 1834
C.P.S.	J. Basire lith	XXXI	TENERIFFE ASTRONOMICAL EXPERIMENT. PROVISIONAL MAP OF THE PEAK OF TENERIFFE
C.P.S.	J. Basire lith	XXXII	TENERIFFE ASTRONOMICAL EXPERIMENT. ALTA VISTA STATION (Views of cloud horizons)
C.P.S.	J. Basire lith	XXXIII	TENERIFFE ASTRONOMICAL EXPERIMENT. ALTA VISTA STATION - JUPITER
C.P.S.	J. Basire lith	XXXIV	TENERIFFE ASTRONOMICAL EXPERIMENT. ALTA VISTA STATION - JUPITER. ALTA VISTA STATION
	J. Basire lith	XXXV	TENERIFFE ASTRONOMICAL EXPERIMENT. P.P. 1
	J. Basire lith	XXXVI	TENERIFFE ASTRONOMICAL EXPERIMENT. M.P. 2
	J. Basire lith	XXXVII	TENERIFFE ASTRONOMICAL EXPERIMENT. M.P. 3
	J. Basire lith	XXXVIII	TENERIFFE ASTRONOMICAL EXPERIMENT. M.P. 4
	J. Basire lith	XXXIX	TENERIFFE ASTRONOMICAL EXPERIMENT. M.P. 5
XXXVIII, 589-605, Bate, C. Spence, On the Development of Decapod Crustacea, read on 18 June 1857 (sic)			
S.B. ad nat	J. Basire sc.	XL	(Larva and cephalic region, 4 figures)
S.B. ad nat	J. Basire sc.	XLI	(Larva and appendages, 2 figures)
	J. Basire sc.	XLII	(Larva and carapax, 3 figures)
	J. Basire sc.	XLIII	(Larva and carapax, 3 figures)
	J. Basire sc.	XLIV	(Larva and carapax, 5 figures)
	J. Basire sc.	XLV	(Two views of adult Carcinus)
	J. Basire sc.	XLVI	(Diagram illustrating transformation of carapax from larva to adult Carcinus)
XXXI, 645-702, Lister, Joseph, On the Early Stages of Inflammation, read on 18 June 1857 (sic)			
J. Lister del/Tuffen West sc	W. West imp.	XLVII	(Anatomy and physiology of the subcutaneous pigmentary system of the frog, 10 figures)
J. Lister del/Tuffen West sc	W. West imp.	XLVIII	(The effects produced by irritants upon the pigmentary tissue and the blood vessels of the frog's foot, 2 figures, coloured)
XXXII, 703-904, Lyell, Sir Charles, On the Structure of Lavas which have consolidated on steep slopes, read on 10 June 1858			
J. Erxleben del.	Printed by J. Basire	XLIX	MAP OF ETNA reduced by permission from S. V. Walterhausen's ATLAS OF ETNA
	J. Basire sc.	L	CRATERS AND LAVAS OF 1852 & 1853 (map)
J. Erxleben on stone	Printed by J. Basire	LI	Fossil leaves from the Tuff of Fasano, Etna
XXXIV, 791-869, Hancock, Albany, On the Organization of the Brachiopoda, read on 17 May 1857			
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LII	(Various specimens of Brachiopoda - 10 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LIII	(ditto - 10 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LIV	(ditto - 10 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LV	(ditto - 4 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LVI	(ditto - 8 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LVII	(ditto - 9 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LVIII	(ditto - 10 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LIX	(ditto - 4 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LX	(ditto - 12 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LXI	(ditto - 6 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LXII	(ditto - 15 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LXIII	(ditto - 4 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LXIV	(ditto - 7 figures)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LXV	(ditto - 9 figures, fold-out)
A. Hancock/Edwin M Williams sc	Printed by J. Basire	LXVI	(ditto - 10 figures, fold-out)
XXXV, 871-885, Egerton, Philip de Malpas Grey , On Chondrosteus, an Extinct Genus of the Sturionidae, Found in the Lias Formation at Lyme Regis, read on 6 May 1858			
J. Dinkel del et lith	Printed by J. Basire	LXVII	CHONDOSTREUS ACIPENSEROIDES (fold-out)
J. Dinkel lith	Printed by J. Basire	LXVIII	CHONDOSTREUS CRASSIOR EGERTON (2 figures)
J. Dinkel lith	Printed by J. Basire	LXIX	CHONDOSTREUS ACIPENSEROIDES AGASS
J. Dinkel lith	Printed by J. Basire	LXX	CHONDOSTREUS CRASSIOR EGERTON
XXXVII, 895-903, de Morgan, Campbell, On the Structure and Functions of the Hairs of the Crustacea, read on 29 April 1858			
C. de M.	Edwin M Williams	LXXI	(Illustrations of crustacean hairs - 8 figures)
CXLIX, 1859, 35 articles, 48+1 plates			
I, 1-41, Carpenter, William B., Researches on the Foraminifera, read on 17 June 1858			
George West del/Lens Aldous lith	R. Day & Son liths	I	(3 figures of specimens, white on black background)
George West del/Lens Aldous lith	R. Day & Son liths	II	(24 figures of specimens, white on black background)
George West del/Lens Aldous lith	R. Day & Son liths	III	(12 figures of specimens, white on black background)
George West del/Lens Aldous lith	R. Day & Son liths	IV	(16 figures of specimens)
George West del/Lens Aldous lith	R. Day & Son liths	V	(17 figures of specimens, white on black background)
George West del/Lens Aldous lith	R. Day & Son liths	VI	(6 figures of specimens)
II, 43-48, Owen, Professor, Description of some Remains of a Gigantic Land-Lizard, read on 17 June 1858			
J. Erxleben del.	Printed by J. Basire	VII	(Views of dorsal vertebrae, 4 figures)
J. Erxleben del.	Printed by J. Basire	VIII	(Views of dorsal and cervical vertebrae, 4 figures)
VII, 137-160, Gassiot, John P., On the Stratifications in Electrical Discharges, read on 13 January 1859			
J. Basire lith.		IX	(various figures illustrating apparatus and experiments)
VIII, 161-169, Owen, Professor, On the Vertebral Characters of the Order Pterosauria, read on 24 March 1859			
R. Owen & J. Dinkel del.	Printed by J. Basire	X	(Rib and vertebrae, 38 figures)
XIV, 261-278, Tyndall, John, On the Physical Phenomena of Glaciers. Part I, read on 20 May 1858			
J. Basire lith.	to face p. 267		(Diagrammatic representations of glaciers)
XVI, Owen, Professor, 309, On the Fossil Mammals of Australia. Part I, read on 16 December 1858			
J. Dinkel del.	Printed by J. Basire	XI	(Cranium, jaw and teeth of Thylacoleo carnifex, 6 figures)
J. Dinkel del.	Printed by J. Basire	XII	(Details of skull of different species, 3 figures)
J. Dinkel del.	Printed by J. Basire	XIII	(Cranium, jaw and metacarpal of different species, 8 figures)
J. Dinkel del.	Printed by J. Basire	XIV	(Cranium and part of palate of different species, 4 figures)
J. Dinkel del.	Printed by J. Basire	XV	(Occiput of different species, 4 figures)
XVIII, 341-369, Lubbock, John, On the Ova and Pseudova of Insects, read on 9 December 1868			
J. Lubbock ad nat	Edwin M Williams sc	XVI	(Egg tubes of different species, 10 figures)
J. Lubbock ad nat	Edwin M Williams sc	XVII	(Egg tubes of different species, 8 figures)

- J. Lubbock ad nat Edwin M Williams sc XVIII (Eggs and egg tubes of different species, 18 figures)
- XXII, 437-467, Clarke, J. Lockhart, Further Researches on the Grey Substance of the Spinal Chord, read on 17 June 1858**
- J.L. Clarke & G. West del Edwin M Williams sc XIX (Transverse section of the caput cornu posterioris of the ox, figure 1)
- J.L. Clarke del. Edwin M Williams sc XX (Transverse section of the grey substance of the ox, figure 2)
- J.L. Clarke del. Edwin M Williams sc XXI (Further details, various figures)
- J.L. Clarke del. Edwin M Williams sc XXII (Further details, various figures)
- J.L. Clarke del. Edwin M Williams sc XXIII (Further details, various figures)
- J.L. Clarke del. Edwin M Williams sc XXIV (Further details, various figures)
- J.L. Clarke del. Edwin M Williams sc XXV (Further details, various figures)
- XXIII, 469-477, Ellis, George Viner, Researches into the Nature of the Involuntary Muscular Tissue of the Urinary Bladder, read on 9 December 1858**
- G.H. Ford del et lith Wm. West sc XXVI (View of bladder and details of fibres, figures 1-4)
- G.H. Ford del Wm. West sc XXVII (Further details of fibres, figures 5-8)
- XXIV, 479-492, Henfrey, Arthur, On the Anatomy of Victoria Regia. Part II, read on 19 May 1859**
- A. Henfrey del Edwin M Williams sc XXVIII (Various details of the plant, figures 1-4)
- A. Henfrey del Edwin M Williams sc XXIX (Various details of the plant, figures 5-25)
- A. Henfrey del Edwin M Williams sc XXX (Various details of the plant, figures 26-43)
- A. Henfrey del Edwin M Williams sc XXXI (Various details of the plant, figures 44-53)
- A. Henfrey del Edwin M Williams sc XXXII (Various details of the plant, figures 54-63)
- XXVI, 681-714, Smith, Edward, Experimental Inquiries into the Chemical and other Phenomena of Respiration, read on 20 January 1859**
- J. Basire sc. XXXIII (Various graphs)
- J. Basire sc. XXXIV Diagram showing the effect of SEASON on Respiration and Pulsation (fold-out graph)
- XXVII, 715-742, Smith, Edward, Experiments on Respiration. Second Communication, read on 10 February 1859**
- XXXV DR SMITH'S PAPER. Diagram shewing the influence of various kinds of Food on the Carbonic Acid expired (fold-out graph)
- XXXVI DR SMITH'S PAPER. Diagram shewing the influence of various kinds of Food on the Carbonic Acid expired (fold-out graph)
- XXXII, 809-829, Owen, Professor, On the MEGATHERIUM. Part V, read on 8 May 1851 (sic)**
- J. Dinkel del et lith Printed by J. Basire XXXVII (Pelvis and acetabulum, 2 figures)
- J. Dinkel del et lith Printed by J. Basire XXXVIII (Views of femur and patella, 2 figures)
- J. Dinkel del et lith Printed by J. Basire XXXIX (Details of femur and tibia, 4 figures)
- J. Dinkel del et lith Printed by J. Basire XL (Details of foot bones, 3 figures, fold-out)
- J. Dinkel del et lith Printed by J. Basire XLI (Details of foot bones, 3 figures, fold-out)
- XXXIV, 837-878, Farr, W., On the Construction of Life-Tables, read on 7 April 1859**
- J. Basire sc. XLII HEALTHY DISTRICTS. LIFE TABLE DIAGRAMS (fold-out graph)
- XXXV, 879-926, Bunsen, Robert and Roscoe, Henry Enfield, Proto-chemical Researches. Part IV, read on 28 May 1859**
- F. Veith J. Basire sc. XLIII (Experimental apparatus and diagrams, 16 figures)
- J. Basire sc. XLIV (Graphs of results)
- J. Basire sc. XLV (Graphs of results)
- J. Basire sc. XLVI (Graphs of results)
- J. Basire sc. XLVII (Graphs of results)
- J. Basire sc. XLVIII (Graphs of results)
- CXLX, 1860, 27 articles, 23 plates**
- IV, 57-84, Maxwell, J. Clerk, On the Theory of Compound Colours, read on 22 March 1860**
- J. Basire lith. I MR. MAXWELL'S PAPER on compound colours (7 figures of diagrams)
- J. Basire lith. II (Diagrams, figures 8-11)
- VII, 113-131, Andrews, Thomas, On the Volumetric Relations of Ozone, read on 29 March 1860**
- J. Basire sc. III (7 figures illustrating experiments)
- XI, 149-169, Brewster, Sir David, On the Lines of the Solar Spectrum, read on 23 February 1860**
- J. Basire sc. IV (Fold-out chart of luminous bands, 11 figures)
- X, 161-176, Matthiessen, A., On the Electric Conducting Power of Alloys, read on 22 December 1859**
- J. Basire sc. V (Graphs)
- J. Basire sc. VI (Graphs)
- XII, 185-, Fairbairn, William and Tate, Thomas, THE BAKERIAN LECTURE - Experimental Researches to determine the Density of Steam at different Temperatures, read on 10 May 1860**
- J. Basire sc. VII APPARATUS FOR EXPERIMENTS ON THE DENSITY OF STEAM AT PRESSURES
- J. Basire sc. VIII APPARATUS FOR ASCERTAINING THE DENSITY OF STEAM
- J. Basire sc. IX SPECIFIC VOLUME OR RATIO OF VOLUME OF STEAM TO THAT OF THE WATER WHICH PRODUCED IT (fold-out graph)
- XVII, 277-317, Prestwich, Joseph, On the Occurrence of Flint-implements, read on 26 May 1859**
- J. Basire sc. X (3 plans and 3 sections of valleys in north-eastern France, fold-out)
- J. Basire sc. XI (Ground levels and sections at Hoxne, fold-out)
- I. Scott J. Basire lith. XII FLINT IMPLEMENTS. Abbeville (3 figures)
- I. Scott J. Basire lith. XIII FLINT IMPLEMENTS. Amiens (figures 4-5)
- I. Scott J. Basire lith. XIV FLINT IMPLEMENTS (from Abbeville, Amiens and Hoxne, figures 6-8)
- XXX, 337-378, Evans, Frederick J., Master R.N., Reduction and Discussios of the Deviations of the Compass observed on board of all Iron-built ships, read on 21 June 1860**
- J. Basire sc. XV IRON STEAM SHIP GREAT EASTERN (bird's eye view and section, fold-out)
- J. Basire sc. XVI Diagrams showing the Polarity of the top sides of an Iron vessel
- XXV, 535-594, Carpenter, William B., Researches on Foraminifera. Fourth and concluding Series, read on 14 June 1860**
- Geo. West del et lith W. West imp XVII (Details of Polystomella craticulata etc, 13 figures)
- Geo. West del et lith W. West imp XVIII (Details of Polystomella craticulata and Tinoporus baculatus, 13 figures)
- Geo. West del/Lens Aldous lith Hullmandel XIX (Details of different varieties of Calcarina Spengleri, 12 figures)
- Geo. West del/Lens Aldous lith & Walton imp XX (Details of Calcarina Spengleri, 8 figures)
- Geo. West del et lith W. West imp XXI (Details of Tinoporus, 11 figures)
- Geo. West del/Lens Aldous lith Hullmandel & Walton XXII (Details of Carpentaria, 16 figures)
- XXVII, 611-619, Beale, Lionel S., On the Distribution of Nerves to the Elementary Fibres of Striped Muscle, read on 21 June 1860**
- Lionel S. Beale ad nat Edwin M Williams sc XXIII (Details of nerves and muscle fibre, 17 figures)
- CXLXI, 1861, 29 articles, 36 plates**
- I, 1-36, Tyndall, John, The Bakerian Lecture. On the Absorption and Radiation of Heat by Gases and Vapours, read on 7 February 1861**
- C. Beeker del J. Basire sc. I (Shaded illustration of experimental equipment set-up)
- VII, 89-131, Walker, Charles V., On Magnetic Storms and Earth-Currents, read on 14 February 1861**
- J. Basire lith. II (Outline map of south-eastern England, with scale)
- J. Basire lith. III (Pie charts, figures 2-5)
- J. Basire lith. IV (Graphs, figures 6-8)
- IX, 161-181, Smith, Archibald and Evans, Frederick John, R.N., On the Effect produced on the Deviations of the Compass by the Length and Arrangement of the Compass-Needles, read on 18 April 1861**
- J. Basire sc. V (fold-out charts showing deviations of compass needle)
- XX, 387-407, Salter, S. James A., On the Structure and Growth of the Tooth of Echinus, read on 21 March 1861**
- Tuffen West ad nat del et sc W. West imp. VI (Details of tooth of Echinus, 7 figures)
- Tuffen West ad nat del et sc W. West imp. VII (Details of tooth of Echinus, 75 figures)
- Hyde Salter & T.W. del, T.W. sc. W. West imp. VIII (Details of tooth of Echinus, 8 figures)
- XXII, 423-430, Stewart, Balfour, On the Great Magnetic Disturbance which extended from August 28 to September 7 1859, read on 21 November 1861**
- J. Basire lith. IX DECLINATION (graph)
- J. Basire lith. X HORIZONTAL FORCE (graph)
- J. Basire lith. XI VERTICAL FORCE (graph)
- XXIII, 431-577, Lawes, John Bennet, Gilbert, Joseph Henry and Pugh, Evan, On the Sources of Nitrogen of Vegetation, read on 21 June 1860**
- J. Basire lith. XII (Details of various apparatus and equipment, 9 figures)
- J. Basire lith. XIII APPARATUS USED IN 1857
- J. Basire lith. XIV Apparatus used in 1858
- J. Basire sc. XV (15 figures illustrating the growth of potted cereals)
- XXV, 595-627, Lubbock, John, Notes on the Generative Organs, and on the Formation of the Egg in the Annulosa, read on 21 February 1861**
- J. Lubbock ad nat. Edwin M. Williams sc. XVI (Details of eggs of various types of Annulosa, 29 figures)
- J. Lubbock ad nat. Edwin M. Williams sc. XVII (Details of eggs of various types of Annulosa, figures 29-45)

XXVI, 629-653, Frankland, Dr. E., On the Influence of Atmospheric Pressure upon some of the Phenomena of Combustion, read on 20 June 1861			
	J. Basire lith.	XVIII	(2 figures of highly detailed, shaded illustrations of experimental equipment)
	J. Basire lith.	XIX	(Graph)
XXVII, 655-679, Mallet, Robert C.E., Account of Experiments made at Holyhead (North Wales), to ascertain the Transit-Velocity of Waves, read on 20 June 1861			
I.M. Rendel C.E.	J. Basire lith.	XX	HOLYHEAD HARBOUR (detailed, fold-out plan)
	J. Basire lith.	XXI	EARTHQUAKE EXPERIMENTS, HOLYHEAD QUARRIES (sections of ground)
	J. Basire lith.	XXII	HORIZONTAL AND VERTICAL SECTIONS OF THE SEVERAL HEADINGS EXPERIMENTED UPON AT THE GOVERNMENT QUARRIES
	J. Basire lith.	XXIII	(View of the experimental site and details of apparatus, 6 figures)
XXVIII, 681-746, Rosse, Earl of, On the Construction of Specula of Six-feet Aperture, read on 20 June 1861			
	J. Basire sc.	XXIV	(11 highly detailed illustrations with figures of the construction of the telescope)
	J. Basire sc.	XXV	(Observations, figures 1-9)
	J. Basire sc.	XXVI	(Observation, figure 10)
	J. Basire sc.	XXVII	(Observations, figures 11-23)
	J. Basire sc.	XXVIII	(Observations, figures 24-34)
	J. Basire sc.	XXIX	(Observation, figure 35)
	J. Basire sc.	XXX	(Observations, figures 36-42)
	J. Basire sc.	XXXI	(Observation, figure 43)
XXIX, 747-834, Smith, Edward, On the Elimination of Urea and Urinary Water, read on 30 May 1861			
		XXXII	(5 figures of illustrative graphs)
	J. Basire lith.	XXXIII	DR. E. SMITH'S PAPER ON UREA (fold-out chart showing daily observations of the excretion of urea)
	J. Basire lith.	XXXIV	(7 figures of illustrative graphs)
		XXXV	DR. E. SMITH'S PAPER ON UREA (graphs showing urea of four prisoners on treadmill at different temperatures)
	J. Basire lith.	XXXVI	DR. E. SMITH'S PAPER ON UREA ETC. (fold-out temperature chart)
CXLXII, 1862, 41 articles, 74 plates			
V, 59-98, Tyndall, John, On the Absorption and Radiation of Heat by Gaseous Matter. Second Memoir, read on 30 January 1862			
C. Beeker del	J. Basire sc.	I	(Detailed, shaded illustration of experimental equipment)
IX, 185-201, Flower, William Henry, On the Posterior Lobes of the Cerebrum of the Quadrumana, read on 9 January 1862			
W.H.F. del.	E.M. Williams lith.	II	
W.H.F. del.	E.M. Williams lith.	III	
XVI, 289-321, Cleland, John, On the Relations of the Vomer, Ethmoid, and Intermaxillary Bones, read on 21 March 1861 (sic)			
J. Cleland del.	E.M. Williams lith.	IV	(Details of bones of various animals, multiple figures)
J. Cleland del.	E.M. Williams lith.	V	(Details of bones of various animals, multiple figures)
XXIII, 333-416, de la Rue, Warren, The Bakerian Lecture. On the Total Star Eclipse of July 18th, 1860, observed at Rivabellosa, near Miranda de Ebro, Spain, read on 10 April 1862			
	S. Russell sc.	VI	Fac-simile of hand drawing (2 figures of diagrams of observations, fold-out)
	Vincent Brooks lith	VII	APPEARANCE OF PHENOMENA IMMEDIATELY AFTER THE BEGINNING OF TOTALITY (coloured, fold-out)
	Vincent Brooks lith	VIII	APPEARANCE OF PHENOMENA IMMEDIATELY PREVIOUS TO THE END OF TOTALITY (coloured, fold-out)
	J. Basire sc.	IX	FAC SIMILE OF NO. 25 PHOTOGRAPH - FIRST TOTALITY. FAC SIMILE OF NO. 26 PHOTOGRAPH - SECOND TOTALITY.
	S. Russell sc.	X	COPY OF TOUCHED PHOTOGRAPH shewing the phenomena of totality immediately after total obscuration (fold-out)
	S. Russell sc.	XI	COPY OF TOUCHED PHOTOGRAPH shewing the phenomena of totality one minute after total obscuration (fold-out)
	S. Russell sc.	XII	COPY OF TOUCHED PHOTOGRAPH shewing the phenomena of totality immediately previous to the reappearance of the Sun
		XIII	ELECTRO DUPLICATE OF A PHOTOGRAPH ETCHED ON GLASS (fold-out diagram)
		XIV	ELECTRO DUPLICATE OF A PHOTOGRAPH ETCHED ON GLASS (fold-out diagram)
		XV	INDEX MAP - ELECTRO DUPLICATE OF AN ETCHING ON GLASS (coloured diagram, fold-out)
		XVI	PARTIAL PHASE. ELECTRO DUPLICATE OF A PHOTOGRAPH ETCHED ON GLASS (fold-out diagram)
		XVII	PARTIAL PHASE. ELECTRO DUPLICATE OF A PHOTOGRAPH ETCHED ON GLASS (fold-out diagram)
		XVIII	PART OF THE MOON'S CENTRE DURING THE ECLIPSE OF 18TH JULY 1862
XXXI, 455-467, Owen, Professor, On the Dicyonodont Reptilia, with a Description of some Fossil Remains brought by H.R.H. Princ Alfred from South Africa, read on 20 February 1862			
J. Dinkel del et lith	J. Basire imp.	XIX	(Skull of Ptychognathus Alfredi, figures 1-2)
J. Dinkel del et lith	J. Basire imp.	XX	(Skull and tusk of Ptychognathus Alfredi, figures 3-5)
J. Dinkel del et lith	J. Basire imp.	XXI	(Skulls of two further types of Ptychognathus, figures 1-2)
J. Dinkel del et lith	J. Basire imp.	XXII	(Dicyonodon tigriceps, skull and tusk, figures 1-2)
J. Dinkel del et lith	J. Basire imp.	XXIII	(Dicyonodon tigriceps, pelvis, figures 1-2)
J. Dinkel del et lith	J. Basire imp.	XXIV	(Dicyonodon tigriceps, figures 3-4)
J. Dinkel del et lith	J. Basire imp.	XXV	(Rynchosaurus articeps, 5 figures of bones)
XXV, 579-589, Joule, J.P., On the Thermal Effects of Fluids in Motion. Part IV, read on 19 June 1862			
		XXVI	(3 figures of experimental apparatus and results)
XXXII, 747-836, Bowerbank, J.S., On the Anatomy and Physiology of the Spongidae, Part II, read on 20 June 1861			
W. Lens Aldous del et lith	J. Basire imp.	XXVII	(Various details, multiple figures)
W. Lens Aldous del et lith	J. Basire imp.	XXVIII	(Various details, multiple figures)
W. Lens Aldous del et lith	J. Basire imp.	XXIX	(Various details, multiple figures)
W. Lens Aldous del et lith	J. Basire imp.	XXX	(Various details, multiple figures)
W. Lens Aldous del et lith	J. Basire imp.	XXXI	(Various details, multiple figures)
W. Lens Aldous del et lith	J. Basire imp.	XXXII	(Various details, multiple figures, fold-out)
W. Lens Aldous del et lith	J. Basire imp.	XXXIII	(Various details, multiple figures)
W. Lens Aldous del et lith	J. Basire imp.	XXXIV	(Various details, multiple figures)
W. Lens Aldous del et lith	J. Basire imp.	XXXV	(Various details, multiple figures)
W. Lens Aldous del et lith	J. Basire imp.	XXXVU	(Various details, multiple figures)
XXXIII, 837-859, Brodie, B.C., On the Oxidation and Disoxidation effected by the Alkaline Peroxides, read on 19 June 1862			
	J. Basire lith.	XXXVII	Curve of the decomposition of chromic acid by peroxide of oxygen, fold-out)
	J. Basire lith.	XXXVIII	Curve of the decomposition of hydrochloric acid by peroxide of oxygen
XXXIV, 861-887, Miller, W.A., On the Photographic Transparency of various Bodies, read on 19 June 1862			
	J. Basire sc.	XXXIX	(Illustrations of experimental results)
	J. Basire sc.	XL	(Illustrations of experimental results and apparatus)
XXXV, 889-910, Beale, Lionel S., Further Observations on the Distribution of Nerves to the Elementary Fibres of Striped Muscle, read on 19 June 1862			
L.S.B. ad nat	Harrison's impt.	XLI	(Details of fibres, figures 1-10)
L.S.B. ad nat	Harrison's impt.	XLII	(Details of fibres, figures 11-15, fold-out)
L.S.B. ad nat	Harrison's impt.	XLIII	(Details of fibres, figures 16-23)
L.S.B. ad nat	Harrison's impt.	XLIV	(Details of fibres, figures 24-31)
XXXVI, 911-938, Clarke, J. Lockhart, Researches on the Development of the Spinal Cord in Man, Mammalia, and Birds, read on 19 June 1862			
J.L. Clarke ad nat	E.M. Williams sc.	XLV	(Details of the spinal column and spinal cord, figures 1-7, 9-10)
J.L. Clarke ad nat	E.M. Williams sc.	XLVI	(Details of the spinal column and spinal cord, figures 8, 13-14)
J.L. Clarke ad nat	E.M. Williams sc.	XLVII	(Details of the spinal column and spinal cord, figures 11-12, 15-29)
J.L. Clarke ad nat	E.M. Williams sc.	XLVIII	(Details of the spinal column and spinal cord, figures 30-45)
XXXVIII, 987-1017, Jenkin, Fleming, Experimental Researches on the Transmission of Electric Signals through Submarine Cables, read on 19 June 1862			
	J. Basire lith.	XLIX	(6 figures experimental results)
	J. Basire lith.	L	(Figures 7-10 illustrating experiments)
	J. Basire lith.	LI	CURVE OF AMPLITUDES (graph with narrative)
XXXIX, 1019-38, Pengelly, William, The Lignites and Clays of Bovey Tracey, Devonshire, read on 21 November 1861			
	W. West lith.	LII	(Geological map, coloured)
	J. Basire lith.	LIII	(Geological sections)
	J. Basire lith.	LIV	(Geological sections)
XL, 1039-1086, Heer, Oswald, On the Fossil Flora of Bovey Tracey, read on 21 November 1861			
del -	Lith Anstalt von J Wurster u Comp	in Winthur	LV (Details of plant fossils, 15 figures, coloured)
P. Brugier	Lith Anstalt von J Wurster u Comp	in Winthur	LVI (Details of plant fossils, 15 figures, coloured)
CGT & WF	Lith Anstalt von J Wurster u Comp	in Winthur	LVII (Details of plant fossils, 8 figures, coloured)
W.H. Fitch	Lith Anstalt von J Wurster u Comp	in Winthur	LVIII (Details of plant fossils, 3 figures, coloured)
W.H. Fitch	Lith Anstalt von J Wurster u Comp	in Winthur	LXIX (Details of plant fossils, 19 figures, coloured)

P. Brugier	Lith Anstalt von J Wurster u Comp	in Winthur	LX	(Details of plant fossils, 54 figures, coloured)	
P. Brugier	Lith Anstalt von J Wurster u Comp	in Winthur	LXI	(Sequoia Couttsiae restored, coloured)	
W.H. Fitch	Lith Anstalt von J Wurster u Comp	in Winthur	LXII	(Details of plant fossils, 11 figures, coloured)	
P. Brugier	Lith Anstalt von J Wurster u Comp	in Winthur	LXIII	(Details of plant fossils, 7 figures, coloured)	
P. Brugier	Lith Anstalt von J Wurster u Comp	in Winthur	LXIV	(Details of plant fossils, 7 figures, coloured)	
P. Brugier	Lith Anstalt von J Wurster u Comp	in Winthur	LXV	(Details of plant fossils, 13 figures, coloured)	
P. Brugier	Lith Anstalt von J Wurster u Comp	in Winthur	LXVI	(Details of plant fossils, 6 figures, coloured)	
P. Brugier	Lith Anstalt von J Wurster u Comp	in Winthur	LXVII	(Details of plant fossils, 9 figures, coloured)	
P. Brugier	Lith Anstalt von J Wurster u Comp	in Winthur	LXVIII	(Details of plant fossils, 2 figures, coloured)	
P. Brugier	Lith Anstalt von J Wurster u Comp	in Winthur	LXIX	(Details of plant fossils, 30 figures, coloured)	
P. Brugier	Lith Anstalt von J Wurster u Comp	in Winthur	LXX	(Details of plant fossils, 37 figures, coloured)	
	Lith Anstalt von J Wurster u Comp	in Winthur	LXXI	(Details of plant fossils, 9 figures, coloured)	
XLI, 1087-1135, Bowerbank, J.S., On the Anatomy and the Physiology of the Spongiade. Part III, read on 19 June 1862					
	Lens Aldous del et lith	J. Basire imp.	LXXII	(Details of various specimens, 6 figures)	
			LXXIII	(Details of various specimens, 11 figures)	
			LXXIV	(Details of various specimens, 6 figures)	
CXLXIII, 1863, 30 articles, 41 plates					
III, 33-47, Owen, Professor, On the Archaeopteryx of VON MEYER, with a description of the Fossil Remains of a Long-Tailed Species, read on 20 November 1862					
	J. Dinkel del et lith	J. Basire imp.	I	(Half of lithographic slab showing remains of fossil, plus two further figures, fold-out)	
	R. Owen del.	Dinkel lith.	II	(Various wing bones, 4 figures)	
	R. Owen del.	Dinkel lith.	III	(Various bones, also of birds for comparison, 6 figures)	
	G.H. Ford	W. West imp.	IV	(10 further figures of bones)	
IV, 49-79, Airy, George Biddell, On the Strains in the Interior of Beams, read on					
		J. Basire sc.	V	(Theory of strains, figures 1-4)	
		J. Basire sc.	VI	(Theory of strains, figures 5-7)	
		J. Basire sc.	VII	(Theory of strains, figures 8-9)	
V, 81-125, Haughton, Rev. Samuel, On the Reflexion of Polarized Light from polished surfaces, read on 19 June 1862					
		J. Basire lith.	VIII	Angle made by axis of Ellipse with plane of Incidence (2 graphs)	
VI, 139-160, Bunsen, Robert and Roscoe, Henry E., Photo-chemical Researches. Part V, read on 11 December 1862					
		J. Basire lith.	IX	(4 figures of experimental apparatus and one graph of results)	
XI, 243-272, Haughton, Samuel, On the Tides of the Arctic Seas, read on 9 January 1862					
		J. Basire lith.	X	(Range of diurnal tide, 2 graphs)	
		J. Basire lith.	XI	(Graphs, figures 3-5)	
		J. Basire lith.	XII	(Diagrams, 2 figures)	
XII, 273-307, Sabine, Major-General Edward, Results of the Magnetic Observations at the Kew Observatory, read on 18 June 1863					
		J. Basire lith.	XIII	Magnetic Disturbances (7 figures of graphs)	
		J. Basire lith.	XIX	Solar-diurnal Variation (7 figures of graphs)	
		J. Basire lith.	XV	Semi-annual Inequality of the solar diurnal Variation (7 figures of graphs, coloured)	
XIII, 309-316, Airy, George Biddell, On the Diurnal Inequalities of Terrestrial Magnetism, read on 23 April 1863					
		J. Basire lith.	XVI	(Diurnal curves of combination of declination and horizontal force over different time periods)	
		J. Basire lith.	XVII	(Diurnal curves of combination of declination and horizontal force over different time periods)	
		J. Basire lith.	XVIII	(Diurnal curves of combination of declination and horizontal force over different time periods)	
		J. Basire lith.	XIX	(Diurnal curves of combination of declination and horizontal force over different time periods)	
		J. Basire lith.	XX	(Diurnal curves of vertical force over different time periods)	
		J. Basire lith.	XXI	(Diurnal curves of vertical force over different time periods)	
		J. Basire lith.	XXII	(Diurnal curves of vertical force over different time periods)	
		J. Basire lith.	XXIII	(Diurnal curves of vertical force over different time periods)	
XIX, 425-435, Stewart, Balfour, An Account of Experiments on the Change of the Elastic Force of a Constant Volume of Atmospheric Air, read on 18 June 1863					
	Robt. Beckley	J. Basire sc.	XXIV	(6 figures illustrating experimental equipment)	
XXIII, 503-516, Chambers, Charles, On the Nature of the Sun's Magnetic Action upon the Earth, read on 21 May 1863					
		J. Basire lith.	XXV	Months of the year (4 figures of graphs)	
		J. Basire lith.	XXVI	Months of the year (graphs, figures 5-8)	
		J. Basire lith.	XXVII	Months of the year (graphs, figures 9-12, coloured)	
XXV, 525-542, de Schlagintweit, Hermann, Numerical Elements of Indian Meteorology, read on 26 May 1863					
	Engraved and printed by	F. Wolf, Munich	XXVIII	THE ISOTHERMAL LINES OF INDIA BY HERMANN DE SCHLAGINTWEIT. MEAN TEMPERATURE OF THE YEAR (coloured map)	
	Engraved and printed by	F. Wolf, Munich	XXIX	THE ISOTHERMAL LINES OF INDIA BY HERMANN DE SCHLAGINTWEIT. THE SEASONS 1. THE COOL SEASON (coloured map)	
	Engraved and printed by	F. Wolf, Munich	XXX	THE ISOTHERMAL LINES OF INDIA BY HERMANN DE SCHLAGINTWEIT. THE SEASONS 2. THE HOT SEASON (coloured map)	
	Engraved and printed by	F. Wolf, Munich	XXXI	THE ISOTHERMAL LINES OF INDIA BY HERMANN DE SCHLAGINTWEIT. THE SEASONS 2. THE RAINY SEASON (coloured map)	
	Engraved and printed by	F. Wolf, Munich	XXXII	THE ISOTHERMAL LINES OF INDIA BY HERMANN DE SCHLAGINTWEIT. THE SEASONS 2. THE AUTUMN (coloured map)	
XXVI, 543-, Beale, Lionel S., On the Structure and formation of the so-called Apolar, Unipolar, and Bipolar Nerve-cells of the Frog, read on 21 May 1863 (new style plates with embedded narrative)					
	L.S.B. ad nat de	Harrison's impt.	XXXIII	(Details of nervous systems of frogs, figures 1-4)	
	L.S.B. ad nat de	Harrison's impt.	XXXIV	(Details of nervous systems of frogs, figures 5-8)	
	L.S.B. ad nat de	Harrison's impt.	XXXV	(Details of nervous systems of frogs, figures 9-16)	
	L.S.B. ad nat de	Harrison's impt.	XXXVI	(Details of nervous systems of frogs, figures 17-20)	
	L.S.B. ad nat de	Harrison's impt.	XXXVII	(Details of nervous systems of frogs, figures 21-26)	
	L.S.B. ad nat de	Harrison's impt.	XXXVIII	(Details of nervous systems of frogs, figures 27-30)	
	L.S.B. ad nat de	Harrison's impt.	XXXIX	(Details of nervous systems of frogs, figures 31-41)	
			XL	(Details of nervous systems of frogs, figures 42-47)	
XXX, 649-663, Sabine, Major-General Edward, Results of hourly Observations of the Magnetic Declination, read on 7 January 1864					
		J. Basire lith.	XLI	(4 figures of graphs of observations)	
CXLXIV, 1864, 19 articles, 25 plates					
II, 139-160, Huggins, William, On the Spectra of some of the Chemical Elements, read on 10 December 1863					
		J. Basire sc.	I	(Fold-out chart of observations)	
		J. Basire sc.	II	(Fold-out chart of observations)	
III, 161-166, Haig, Captain R.W., R.A., Account of Magnetic Observations made in the years 1858-1861 exclusive, in British Columbia, Washington Territory, and Vancouver Island, 26 November 1863					
		J. Basire lith.	III	(Map of British Columbia, Washington Territory and Vancouver Island)	
VII, 247-309, Prestwich, Joseph, Theoretical Considerations on the Conditions under which the (Drift)* Deposits containing the Remains of Extinct Mammalia and Flint Implements were accumulated, 27 March 1862					
			IV	Geological Sketch Map OF PART OF ENGLAND AND France (coloured)	
		J. Basire lith.	V	Geological Plans OF PARTS OF THE VALLEYS OF THE SOMME AND WAVENEY (coloured)	
VIII, 311-325, Fairbairn, W., Experiments to determine the effect of Impact, Vibratory Action, and long-continued Changes of Load on Wrought-Iron Girders, read on 4 February 1864					
			VI	(View of experimental equipment)	
			VII	(View of experimental equipment)	
X, 369-291, Rankine, William John Macquorn, On Plane Water-Lines in two Dimensions, read on 26 November 1863					
		J. Basire lith.	VIII	RANKINE ON WATER-LINES 1863 (diagrams, figures 1, 2 and 6)	
	W.J.M.R.	J. Basire lith.	IX	RANKINE ON WATER-LINES 1863 (diagrams, figures 3-5)	
XII, 413-435, Huggins, William and Miller, W.A., On the Spectra of some of the Fixed Stars, read on 26 May 1864					
		J. Basire lith.	X	(5 figures illustrating equipment and results)	
		J. Basire sc.	XI	ALDABARAN. ORIONIS (fold-out chart of results)	
XIV, 445-500, Pettigrew, James Bell, On the Arrangement of the Muscular Fibres in the Ventricles of the Vertebrate Heart, read on 23 April 1863					
	Hanhart imp	James Bell Pettigrew Photograph	Edwin M. Williams sc.	XII	figures 1-17, on black)
	Hanhart imp	James Bell Pettigrew Photograph	Edwin M. Williams sc.	XIII	figures 18-29, on black)
	Hanhart imp	James Bell Pettigrew Photograph	Edwin M. Williams sc.	XIV	figures 30-44, on black)
	Hanhart imp	James Bell Pettigrew Photograph	Edwin M. Williams sc.	XV	figures, 45-54, on black, 2 diagrams)
	Hanhart imp	James Bell Pettigrew Photograph	Edwin M. Williams sc.	XVI	(Diagrams, 1-18)
XV, 501-558, Marshall, John, On the Brain of a Bushwoman; and on the Brains of two Idiots of European Descent, read on 18 June 1863					
	H. Watkins phot.	Edwin M. Williams lith	XVII	(Views of brain from top and bottom, figures 1-2)	

	<i>H. Watkins phot.</i>	<i>Edwin M. Williams lith</i>	XVIII	(Side views of brain, figures 3-4)
	<i>H. Watkins phot.</i>	<i>Edwin M. Williams lith</i>	XIX	(Sections of brain, figures 5-6)
	<i>H. Watkins phot.</i>	<i>Edwin M. Williams lith</i>	XX	(Comparison of brains from above, figures 7-9)
	<i>H. Watkins phot.</i>	<i>Edwin M. Williams lith</i>	XXI	(Brain from top, bottom, side and in section, figures 10-13)
	<i>H. Watkins phot.</i>	<i>Edwin M. Williams lith</i>	XXII	(Brain from top, bottom, side and in section, figures 14-17)
	<i>H. Watkins phot.</i>	<i>Edwin M. Williams lith</i>	XXIII	(Details of brain, figures 18-25)
XVI, 479-	Sylvester, J.J., Algebraical Researches, containing a disquisition on NEWTON'S Rule for the Discovery of Imaginary Roots, read on 7 April 1864			
			XXIV	(Diagram)
			XXV	(Diagram)
CXLXV, 1865,	15 articles, 41 plates			
I, 1-29,	Plücker, Dr. J., On the Spectra of Ignited Gases and Vapours, read on 3 March 1864			
	<i>Engraved and Printed by</i>	<i>J. Henry Bonn</i>	<i>I</i>	<i>Spectra primi ordinis Nitrogenii Sulphuris Carbonis (multi-coloured, fold-out)</i>
	<i>Engraved and Printed by</i>	<i>J. Henry Bonn</i>	<i>II</i>	<i>Spectra secundi ordinis Nitrogenii Oxygenii Sulphuris Selenii (fold-out)</i>
	<i>Engraved and Printed by</i>	<i>J. Henry Bonn</i>	<i>III</i>	<i>Spectra secundi ordinis Jodi Bromi Chlori Phosphori (fold-out)</i>
II, 31-	Huxley, Thomas H., On the Osteology of the genus Glyptodon, read on 28 January 1864			
	<i>J. Erxleben del et lith</i>	<i>W. West imp.</i>	<i>IV</i>	<i>(Views of the skull of specimens of Glyptodon clavipes, 4 figures)</i>
	<i>J. Erxleben del et lith</i>	<i>W. West imp.</i>	<i>V</i>	<i>(Skull, mandible and teeth of the Glyptodon clavipes, 4 figures)</i>
	<i>J. Erxleben del et lith</i>	<i>W. West imp.</i>	<i>VI</i>	<i>(Skull and mandible of the Glyptodon clavipes, 5 figures)</i>
	<i>J. Erxleben del et lith</i>	<i>W. West imp.</i>	<i>VII</i>	<i>(Atlas, trivertebral bones and ribs, 10 figures)</i>
	<i>J. Erxleben del et lith</i>	<i>W. West imp.</i>	<i>VIII</i>	<i>(Vertebrae, 7 figures)</i>
	<i>J. Erxleben del et lith</i>	<i>W. West imp.</i>	<i>IX</i>	<i>(Pelvis and odontoid, 8 figures)</i>
V, 263-323,	Evans, Frederick John, On the Magnetic Character of the Armour-Plated Ships of the Royal Navy, read on 16 March 1865			
	<i>J. Basire lith.</i>		<i>X</i>	<i>Diagram showing the positions of the nine soft iron rods</i>
	<i>J. Basire lith.</i>		<i>XI</i>	<i>(Sections of seven ships, with scale, coloured)</i>
VI, 325-441,	Parker, W. Kitchen, On some Foraminifera from the North Atlantic and Arctic Oceans, read on 12 May 1864			
	<i>J. Basire lith.</i>		<i>XII</i>	<i>DEEP-SEA SOUNDINGS, IN THE NORTH ATLANTIC, FROM IRELAND TO NEWFOUNDLAND</i>
	<i>G. West del</i>	<i>W. West imp.</i>	<i>XIII</i>	<i>(57 figures of specimens)</i>
	<i>G. West del</i>	<i>W. West imp.</i>	<i>XIV</i>	<i>(43 figures of specimens)</i>
	<i>G. West del</i>	<i>W. West imp.</i>	<i>XV</i>	<i>(44 figures of specimens)</i>
	<i>G. West del</i>	<i>W. West imp.</i>	<i>XVI</i>	<i>(Various specimens, figures 1-52)</i>
	<i>G. West del</i>	<i>W. West imp.</i>	<i>XVII</i>	<i>(Various specimens, figures 53-98)</i>
	<i>G. West del</i>	<i>W. West imp.</i>	<i>XVIII</i>	<i>(Various specimens, figures 53-98)</i>
	<i>G. West del</i>	<i>W. West imp.</i>	<i>XIX</i>	<i>(18 figures of specimens)</i>
	<i>G. West del</i>	<i>W. West imp.</i>	<i>XIX</i>	<i>(13 figures of specimens)</i>
VII, 443-457,	Beale, Lionel S., New Observations upon the minute Anatomy of the Papillae of the Frog's Tongue, read on 16 June 1864			
			XX	<i>(Figures 1-9 of details, with embedded narrative, coloured)</i>
			XXI...	
			XXII	<i>(Figures 10-23 of details, with embedded narrative, coloured)</i>
IX, 513-544,	Thomson, Professor Wyville, On the Embryogeny of Antedon rosaceus (Linck), read on 5 February 1863 (sic)			
	<i>Wy. T. ad nat</i>	<i>Edwin M. Williams sc.</i>	<i>XXIII</i>	<i>(Details of ovary, ova, spermatozoa and yolk, 14 figures)</i>
	<i>Wy. T. ad nat</i>	<i>Edwin M. Williams sc.</i>	<i>XXIV</i>	<i>(Details of the pseudembryo, 10 figures)</i>
	<i>Wy. T. ad nat</i>	<i>Edwin M. Williams sc.</i>	<i>XXV</i>	<i>(The pseudembryo losing its special organs of assimilation, 3 figures)</i>
	<i>Wy. T. ad nat</i>	<i>Edwin M. Williams sc.</i>	<i>XXVI</i>	<i>(Details of larva, 3 figures)</i>
	<i>Wy. T. ad nat</i>	<i>Edwin M. Williams sc.</i>	<i>XXVII</i>	<i>(Details of larva, 4 figures)</i>
XI, 579-	Binney, E.W., A Description of some Fossil Plants, read on 15 June 1865			
	<i>J.N. Fitch del et lith</i>	<i>Vincent Brooks imp</i>	<i>XXX</i>	<i>(Details of specimen of Diploxylon cycadoideum, 6 figures)</i>
	<i>J.N. Fitch del et lith</i>	<i>Vincent Brooks imp</i>	<i>XXXI</i>	<i>(Details of specimen of Sigillaria vascularis, 2 figures)</i>
	<i>J.N. Fitch del et lith</i>	<i>Vincent Brooks imp</i>	<i>XXXII</i>	<i>(Details of specimen of Sigillaria vascularis, 4 figures)</i>
	<i>J.N. Fitch del et lith</i>	<i>Vincent Brooks imp</i>	<i>XXXIII</i>	<i>(Details of specimen of Sigillaria vascularis, 5 figures)</i>
	<i>J.N. Fitch del et lith</i>	<i>Vincent Brooks imp</i>	<i>XXXIV</i>	<i>(Details of specimen of Sigillaria vascularis, 3 figures)</i>
	<i>J.N. Fitch del et lith</i>	<i>Vincent Brooks imp</i>	<i>XXXV</i>	<i>(Details of specimen of Sigillaria vascularis, 6 figures)</i>
XII, 605-631,	THE BAKERIAN LECTURE. On a Method of Meteorological Registration of the Chemical Action of Total Sunlight, read on 22 December 1864			
			XXVIII	<i>(7 figures of graphs)</i>
			XXX	<i>(6 figures of graphs, fold-out)</i>
			XXX-XXXV....	<i>See under article XI</i>
XIII, 633-651,	Flower, William Henry, On the Commissures of the Cerebral Hemispheres of the Marsupialia and Monotremata, read on 9 February 1865			
	<i>W.H.F. ad nat</i>	<i>Edwin M. Williams sc.</i>	<i>XXXVI</i>	<i>(Details of human, kangaroo and goose brains, 6 figures)</i>
	<i>W.H.F. ad nat</i>	<i>Edwin M. Williams sc.</i>	<i>XXXVII</i>	<i>(Brains of sheep, rabbit, sloth and hedgehog, 8 figures)</i>
	<i>W.H.F. ad nat</i>	<i>Edwin M. Williams sc.</i>	<i>XXXVIII</i>	<i>(Brains of Kangaroo, Wombat, Thylacine and Echidna, 8 figures)</i>
XV, 671-686,	Owen, Professor, On the Marsupial Pouches, Mammary Glands, and Mammary Foetus of the Echidna Hystrix, read on 2 March 1865			
	<i>J. Wolf</i>	<i>Edwin M. Williams sc.</i>	<i>XXXIX</i>	<i>(Illustration of female echidna)</i>
	<i>R. Owen</i>	<i>Edwin M. Williams sc.</i>	<i>XLI</i>	<i>(Details of mammary glands and foetus, 14 figures)</i>
	<i>R. Owen</i>	<i>Edwin M. Williams sc.</i>	<i>XLI</i>	<i>(Organs of reproduction and young, 5 figures)</i>
CXLXVI, 1866,	articles, 43 plates			
I, 1-24,	Tyndall, Professor J., On Calorescence, read on 23 November 1865			
	<i>J. Basire lith.</i>		<i>I</i>	<i>(10 figures illustrating experiments)</i>
IV, 73-82,	Owen, Professor, On the Fossil Mammals of Australia. Part II, read on 15 June 1865			
	<i>J.W. Dinkel del et lith</i>	<i>M. & N. Hanhart imp</i>	<i>II</i>	<i>(Side view of the skull of Thylacoleo carnifex)</i>
	<i>J.W. Dinkel del et lith</i>	<i>M. & N. Hanhart imp</i>	<i>III</i>	<i>(Base view of the skull of Thylacoleo carnifex)</i>
	<i>J.W. Dinkel del et lith</i>	<i>M. & N. Hanhart imp</i>	<i>IV</i>	<i>(Details of skull and mandible, 6 figures)</i>
VII, 101-112,	Fox, Wilson, On the Development of Striated Muscular Fibre, read on 15 June 1865			
	<i>Dr. W. Fox ad nat</i>	<i>J. Basire lith./</i>	<i>V</i>	<i>Development of striated muscular fibre (figures 1-21)</i>
	<i>Dr. W. Fox ad nat</i>	<i>E.M. Williams lith</i>	<i>VI</i>	<i>Development of striated muscular fibre (figures 22-49)</i>
VIII, 113-	Parker, William Kitchen, On the Structure and Development of the Skull in the Ostrich Tribe, read on 9 March 1865			
	<i>W.K. Parker ad nat</i>	<i>E.M. Williams lith</i>	<i>VII</i>	<i>(Struthio camelus, details of skull, 7 figures)</i>
	<i>W.K. Parker ad nat</i>	<i>E.M. Williams lith</i>	<i>VIII</i>	<i>(Struthio camelus, details of skull and mandible, 11 figures)</i>
	<i>W.K. Parker ad nat</i>	<i>E.M. Williams lith</i>	<i>IX</i>	<i>(Rhea americana, views of skull, 7 figures)</i>
	<i>W.K. Parker ad nat</i>	<i>E.M. Williams lith</i>	<i>X</i>	<i>(Struthio and Rhea americana, details and views of skulls, 20 figures, fold-out)</i>
	<i>W.K. Parker ad nat</i>	<i>E.M. Williams lith</i>	<i>XI</i>	<i>(Dromaeus irroratus and Dromaeus Novae-Hollandiae, details of skulls, 10 figures, fold-out)</i>
	<i>W.K. Parker ad nat</i>	<i>E.M. Williams lith</i>	<i>XII</i>	<i>(Dromaeus irroratus and Dromaeus, B., details of skulls, 9 figures)</i>
	<i>W.K. Parker ad nat</i>	<i>E.M. Williams lith</i>	<i>XIII</i>	<i>(Dromaeus irroratus and Dromaeus, C., details of skulls, 13 figures)</i>
	<i>W.K. Parker ad nat</i>	<i>E.M. Williams lith</i>	<i>XIV</i>	<i>(Casuarinus Bennetti, views, sections and details of skull, 12 figures)</i>
	<i>W.K. Parker ad nat</i>	<i>E.M. Williams lith</i>	<i>XV</i>	<i>(Details of skulls of other Ostrich types, 14 figures)</i>
IX, 185-191,	Everett, Joseph D., Account of Experiments on the Flexural and Torsional Rigidity of a Glass Rod, read on 22 February 1866			
	<i>J. Basire lith.</i>		<i>XVI</i>	<i>(6 figures of details of experimental apparatus)</i>
X, 193-222,	Harcourt, A. Vernon and Esson, William, On the Laws of Connexion between the Conditions of a Chemical Change and its Amount read on 16 November 1865			
			XVII	<i>(6 figures of results on 2 graphs)</i>
			XVIII	<i>(2 figures of results on 2 graphs)</i>
XI, 223-229,	Hulke, J.W., On the Chameleon's Retina, read on 15 June 1865			
	<i>Lens Aldous del et lith</i>	<i>J. Basire lith</i>	<i>XIX</i>	<i>(13 figures of microscopic details of the retina)</i>
XII, 231-248,	Matthiessen, A., On the Expansion by Heat of Water and Mercury, read on 21 December 1865			
	<i>J. Basire lith</i>		<i>XX</i>	<i>(8 figures illustrating experimental apparatus)</i>
XIII, 249-268,	Maxwell, J. Clerk, The Bakerian Lecture. On the Viscosity or Internal Friction of Air and other Gases, read on 8 February 1866			
	<i>J. Basire lith</i>		<i>XXI</i>	<i>(10 figures illustrating experimental apparatus)</i>
XXI, 545-	Bastian, H.C., On the Anatomy and Physiology of the Nematoids, Parasitic and Free, read on 15 June 1865			
	<i>H.C. Bastian del.</i>	<i>E.M. Williams FZS lith</i>	<i>XXII</i>	<i>(Details of specimens, 23 figures)</i>
	<i>H.C. Bastian del.</i>	<i>E.M. Williams FZS lith</i>	<i>XXIII</i>	<i>(Details of specimens, 16 figures)</i>

- H.C. Bastian del. E.M. Williams FZS lith XXIV (Ascaris Lumbricoides, split-open)
H.C. Bastian del. E.M. Williams FZS lith XXV (Details of specimens, 15 figures)
H.C. Bastian del. E.M. Williams FZS lith XXVI (Details of specimens, 22 figures)
H.C. Bastian del. E.M. Williams FZS lith XVII (Details of specimens, 23 figures)
H.C. Bastian del. E.M. Williams FZS lith XVIII (Details of specimens, 24 figures)
H.C. Bastian del. E.M. Williams FZS lith XXIX (Details of specimens, 36 figures)
- XXIV, 671-756, Carpenter, William B., Researches on the Structure, Phy: XXX...**
George West del. Lens Aldous lith. XXXI (Side view and details of the Antedon rosaceus)
George West ad nat. Lens Aldous lith. XXXII (Various details, 5 figures, on black)
George West del. Lens Aldous lith. XXXIII (Various details, 11 figures, on black)
A. Hollick & G. West del. Lens Aldous lith. XXXIV (Details of calyx and arms, 2 figures)
Alfred Hollick del. A. Hollick lith. XXXV (Various sections, 4 figures)
A. Hollick del. Lens Aldous lith. XXXVI (Radials and brachials, 8 figures, on black)
Alfred Hollick del. A. Hollick lith. XXXVII (Portions of skeletons of arms, 4 figures, on black)
Alfred Hollick del. A. Hollick lith. XXXVIII (Various details, 11 figures, on black)
Alfred Hollick del. A. Hollick lith. XXXIX (Details of larvae, 3 figures, on black)
Alfred Hollick del. A. Hollick lith. XL (Details of larvae, 2 figures)
George West del. Lens Aldous lith. XLI (Various details, 6 figures, on black)
G. West & A.H. del. A. Hollick lith. XLII (Various details, 7 figures, on black)
Alfred Hollick del. A. Hollick lith. XLIII (Various details, 4 figures)
- CXLXVII, 1867, 22 articles, 31 plates**
I, 1-6, Bunt, T.G., Discussion of Tide Variations at Bristol, read on 6 December 1866
J. Basire lith. I Diurnal Inequality (figures 1-2)
J. Basire lith. II Solar Inequality, Parallax and Declination (figures 3-5)
- III, 17-48, Pettigrew, James Bell, On the Muscular Arrangements of the Bladder and Prostate, read on 21 June 1866**
From photographs by J.B.P. Lens Aldous lith. III (Details of bladder etc., 12 figures)
From photographs by J.B.P. Lens Aldous lith. IV (Details of bladder, prostate and urethra, figures 13-38)
From drawings by J.B.P. Lens Aldous lith. V (Details of bladder etc., 20 diagrams)
- V, 89-107, Wilde, H., Experimental Researches in Magnetism and Electricity, read on 26 April 1866**
J. Basire lith. VI (Experimental apparatus, 1 figures)
- VI, 109-115, Hulke, J.W., On the Anatomy of the Fovea Centralis of the Human Retina, read on 14 June 1866**
J.W. Hulke E.M. Williams lith. J. Basire lith. VII (Details of the Fovea Centralis, 6 figures)
- VII, 117-137, Harcourt, A. Vernon and Esson, William, On the Laws of Connexion of beteen the conditions of a Chemical Change and its Amount, 22 November 1866**
J. Basire lith. VIII (Fold-out graph)
- VIII, 139-153, Everett, Joseph D., Accounts of Experiments on Torsion and Flexure, read on 7 February 1867**
J. Basire lith. IX (5 figures of line drawings illustrating apparatus)
- IX, 155-159, Clarke, J. Lockhart, On the Structure of the Optic Lobes of the Cuttle-Fish, read on 15 November 1866**
J.L. Clarke ad nat. J. Basire sc. X (10 figures of details)
- XIII, 299-429, Mivart, St. George, On the Appendicular Skeleton of the Primates, read on 10 January 1867**
W.H. Wesley del et lith. J. Basire imp. XI (Scapulae of different species, 6 figures)
W.H. Wesley del et lith. J. Basire imp. XII (Various bones, 7 figures)
W.H. Wesley del et lith. J. Basire imp. XIII (Various bones, 7 figures)
W.H. Wesley del et lith. J. Basire imp. XIV (Various bones, 18 figures)
- XIV, 431-501, Ransom, W.H., Observations on the Ovum of Osseous Fishes, read on 21 June 1866**
W.H. Ransom W. West lith. XV (Multiple figures of specimens)
W.H. Ransom W. West lith. XVI (Multiple figures of specimens)
W.H. Ransom W. West lith. XVII (Multiple figures of specimens)
W.H. Ransom W. West lith. XVIII (Multiple figures of specimens)
- XV, 503-511, Neumayer, J., On the Lunar-diurnal Variation of the Magnetic Declination, read on 28 March 1867**
J. Basire lith. (XIX) CURVES SHOWING THE LUNAR DIURNAL VARIATION OF THE MAGNETIC DECLINATION
- XVI, 513-554, Cayley, A., Eighth Memoir on Quantics, read on 17 January 1867**
J. Basire lith. XX (4 figures of diagrams)
- XVII, 555-569, Roscoe, Henry E., On the Chemical Intensity of Total Daylight at Kew and Para, read on 20 June 1867**
J. Basire litho. XXI (Graphs, figures, 1-3, 9-14)
J. Basire litho. XXII (Graphs, figures 4-8)
- XVIII, 571-594, Sanderson, J. Burdon, The Croonian Lecture, On the Influenced exercised by the Movement of Respiration on the Circulation, 7 March 1867**
Photolithographed from tracings by Stephen Ayling XXIII (6 figures of curves)
Photolithographed from tracings by Stephen Ayling XXIV (6 figures of curves)
Photolithographed from tracings by Stephen Ayling XXV (6 figures of curves, fold-out)
- XIX, 595-629, Günther, Albert, Contribution to the Anatomy of Hatteria, read on 2 May 1867**
G.H. Ford W. West imp. XXVI (Skull, teeth, tongue and trachea, figures 1-16)
G.H. Ford W. West imp. XXVII (Vertebrae, ribs and anal gland, figures 17-30)
G.H. Ford W. West imp. XXVIII (Muscles, figures 32-34)
- XX, 631-631, Flower, William Henry, On the Development and Succession of the Teeth in the Marsupalia, read on 9 May 1867**
J. Smit lith. M. & N. Hanhart imp. XXIX (Teeth and different stages of dentition of three species, 6 figures, coloured)
J. Smit lith. M. & N. Hanhart imp. XXX (Different stages of dentition of five species, 7 figures, coloured)
- XXI, 643-656, Duncan, P. Martin, On the Genera Heterophyllia, Battersbyia, Palaeocyclus, and Asteromilia, read on 2 May 1867**
G.R. De Wilde lith. J. Basire, imp. XXXI (6 figures of details of specimens)
G.R. De Wilde lith. J. Basire, imp. XXXII (6 figures of details of specimens)
- CXLXVIII, 1868, 29 articles, 37 plates**
III, 57-73, Oxmantown, Lord, An Account of the Observations on the Great Nebula in Orion, read on 20 June 1867
J. Basire sc. I THE HUYGENIAN REGION OF THE GREAT NEBULA IN ORION
J. Basire sc. II (Fold-out chart of astronomical observations)
J. Basire sc. III (Fold-out chart of astronomical observations)
- VIII, 201-261, Carte, Alexander, An the Anatomy of Balaenoptera rostrata, read on 20 June 1867**
E.M. Williams lith. IV (Drawings of entire animal, 2 figures)
E.M. Williams lith. V (7 figures of details)
E.M. Williams lith. VII (11 figures of details)
E.M. Williams lith. VII (6 figures of details)
- IX, 263-331, Clarke, J. Lockhart, Researches on the Intimate Structure of the Brain. Second Series, read on 23 May 1867**
J.L. Clarke ad nat. J. Basire sc. VIII (Sections of the human brain, figures 1-10)
J.L. Clarke ad nat. J. Basire sc. IX (View and sections of parts of the human brain, figures 11-21)
J.L. Clarke ad nat. J. Basire sc. X (Details of human and monkey brain, figures 22-31)
J.L. Clarke ad nat. J. Basire sc. XI (Details of brains of varous animals, figures 33-41)
J.L. Clarke ad nat. J. Basire sc. XII (Details of brains of varous animals, figures 42-48)
J.L. Clarke ad nat. J. Basire sc. XIII (Details of brains of varous animals, figures 42-56)
J.L. Clarke ad nat. J. Basire sc. XIV (Details of brains of varous animals, figures 57-65)
- X, 333-345, Phillips, John, Notice of some Parts of the Surface of the Moon, read on 16 January 1868**
Engraved by J. Basire XV GASSENDI, THEOPHILUS & PART OF CYRILLUS (3 figures, shaded, fold-out)
J. Phillips del. W.H. Wesley lith. XVI (Sketch of portion of Moon's surface)
J. Phillips del. W.H. Wesley lith. XVII (Sketch of portion of Moon's surface)
- XI, 347-361, Everett, Joseph D., Results of Observations of Atmospheric Electricity at Kew Observatory, read on 5 December 1867**
XVIII (Apparatus, figures 1-3)
XIX (Details of apparatus and graphs of results, figures 4-6)
XX Diurnal Curves of Atmospheric Electricity at Kew (graphs)
XXI (Graphs continued)
- XIII, 371-416, Sabine, Lieut.-General Edward, Contributions to Terrestrial Magnetism. No. XI, read on 18 June 1868**

	<i>Engraved by</i>	<i>Malby & Sons</i>	XXII	ANTARCTIC MAGNET SURVEY Epoch 1840-1845 DECLINATION (fold-out world map)
	<i>Engraved by</i>	<i>Malby & Sons</i>	XXIII	ANTARCTIC MAGNET SURVEY Epoch 1840-1845 INCLINATION (fold-out world map)
	<i>Engraved by</i>	<i>Malby & Sons</i>	XXIV	ANTARCTIC MAGNET SURVEY Epoch 1840-1845 INTENSITY (fold-out world map)
XVII, 465-472, Airy, George Biddell, Comparison of Magnetic Disturbances recorded by the self-registering Magnetometers, 6 February 1868			XXV	N. FORCE BY MAGNETOMETER. N. FORCE BY EARTH CURRENTS (coloured graphs)
			XXVI	N. FORCE BY MAGNETOMETER. N. FORCE BY EARTH CURRENTS (coloured graphs)
			XXVII	N. FORCE BY MAGNETOMETER. N. FORCE BY EARTH CURRENTS (coloured graphs)
			XXVIII	N. FORCE BY MAGNETOMETER. N. FORCE BY EARTH CURRENTS (coloured graphs)
			XXIX	N. FORCE BY MAGNETOMETER. N. FORCE BY EARTH CURRENTS (coloured graphs)
			XXX	N. FORCE BY MAGNETOMETER. N. FORCE BY EARTH CURRENTS (coloured graphs)
XIX, 477-503, Evans, Frederick John, On the Amount and Changes of Polar Magnetism at certain positions, read on 26 March 1868				
	<i>F.J. Evans</i>	<i>Malby & Sons lith</i>	XXXI	H.M.S. NORTHUMBERLAND (plan and section with scale, 2 figures)
	<i>F.J. Evans</i>	<i>Malby & Sons lith</i>	XXXII	H.M.S. NORTHUMBERLAND (Diagrams with compass)
XXI, 529-564, Huggins, William, Further Observations of the Spectra of certain Stars and Nebulae, read on 14 May 1868				
	<i>J. Basire lith.</i>		XXXIII	(4 figures of observations of spectra)
XXII, 565-575, Des Cloizeaux, M.A.L.O., New Research upon the Dispersion of the Optic Axes in Harmatome and Wöhlerite, 23 April 1868				
	<i>Vincent Brooks Day & Son imp</i>	<i>W.H. Wesley lith.</i>	XXXIV	HARMATOME. WÖHLERITE (11 figures)
XXVIII, 675-683, Jones, Thomas Wharton, The Caudal Heart of the Eel a Lymphatic Heart, read on 8 January 1868				
			XXXV	(Heart and blood vessels, 2 figures, coloured)
XXIX, 685-696, Parkes, William, On the Tides of Bombay and Kurrachee, read on 28 May 1868				
	<i>W. West lith.</i>		XXXVI	KURRACHEE TIDES. 1867 (2 graphs)
	<i>W. West lith.</i>		XXXVII	Kurrachee Tides. Mean semimonthly Curves of Time and Height
CXLXIX, 1869, 29 articles, 87 plates				
Plates 1-2	<i>W. West imp</i>			
Plates 3-12	<i>W.H. Wesley lith</i>			
Plates 12-13	<i>Del author, W. West lith</i>			
15-24	<i>G.H. Ford lith ad nat, W. West imp (XXIV from S. Ayling, photograph)</i>			
25-30	<i>W.H. Wesley lith</i>			
31-32	<i>W.H. Wesley lith</i>			
33-36	<i>W.H. Wesley lith</i>			
37-38	<i>Del author x1, Wesley del x1, lith x2, W. West imp</i>			
39-56	<i>Lith Anstalt von Wurster, Randegger & Co., Winterthuf</i>			
57-60	<i>Erleben lith, W. West imp (& 9 woodcuts, also described by Professor Owen)</i>			
61-62	<i>Wesley lith, West imp</i>			
63	<i>Wesley lith, West imp</i>			
64	<i>Wesley lith, West imp</i>			
65	<i>Wesley lith, West imp</i>			
66	<i>E.M. Williams lith, M. & N. Hanhart imp</i>			
67-71	<i>J.J. Wild del et lith, Ward Bros., Belfast</i>			
72-77....				
77-80	<i>A. Hollick del et lith (exc. X1 Wesley lith), W. West imp</i>			
81-87	<i>Del author, lith G. West, imp W. West</i>			