

**To illustrate Dr. McKendrick's lectures on physiological discovery /
collated by J.G. McKendrick, M.D.**

Contributors

McKendrick, John G. 1841-1926.
Royal Institution of Great Britain.
University of Glasgow. Library

Publication/Creation

[London?] : [publisher not identified], [1883]

Persistent URL

<https://wellcomecollection.org/works/ekc4hsvc>

Provider

University of Glasgow

License and attribution

This material has been provided by This material has been provided by The University of Glasgow Library. The original may be consulted at The University of Glasgow Library. where the originals may be consulted. This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.

**wellcome
collection**

Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

Royal Institution of Great Britain,

ALBEMARLE STREET, PICCADILLY, W.

March 1883.

TO ILLUSTRATE

DR. McKENDRICK'S LECTURES

ON

PHYSIOLOGICAL DISCOVERY.

TABLE showing: (1) the names of remarkable anatomists and physiologists; (2) the names of contemporary representatives of other sciences; (3) the names of those distinguished in philosophy, literature, and art; and (4) a note of one or more events or personages indicating the historical position of the period.

The object of the table is to show at a glance the leading contemporaries and more especially the scientific contemporaries, of the anatomists and physiologists, and thus to indicate the intellectual atmosphere in which they lived and worked. The period is from 1500 to 1860.

The facts under the third and fourth heads have been derived chiefly from 'Tables of European Literature and History, A.D. 200-1876,' by Prof. Nichol. The facts under the first and second heads have been collected from many sources. (*d* = died; *b* = born.)

COLLATED BY JOHN G. McKENDRICK, M.D.

| Period. | Anatomists and Physiologists. | Representatives of Collateral Sciences. | Representatives of Philosophy, Literature, and Art. | Collateral Events. |
|---------|--|---|--|--|
| 1500 | Achillini, 1461-1512. | Linacre, 1460-1524. | Erasmus, 1467-1536. Ariosto, 1474-1533. Leonardo da Vinci, 1452-1519. Titian, 1477-1576. Albert Durer, 1471-1528. | Julius II., 1503. |
| 1510 | — | Paracelsus, 1493-1541. | Sir Thomas More's 'Utopia' (1516), 1480-1535. Luther, 1483-1546. Michael Angelo, 1475-1564. Raphael, 1483-1520. Corregio, 1493-1534. | Charles V. of Spain. Flodden, 1513. Wolsey, 1471-1530. |
| 1520 | — | Copernicus, 1473-1543. | Rabelais, 1490-1553. Holbein, 1498-1559. Palissy, 1499-1589. | Reformation in Germany, 1519-1530. James V. of Scotland, 1528-1542. |
| 1530 | Vesalius, 1514-1564. | — | Calvin, 1509-1564. Ignatius Loyola, 1491-1556. | Foundation of the Jesuits, 1534. Reformation in England, 1534. |
| 1540 | Servetus, 1509-1553. Fallopian, 1523-1562. Columbus, <i>d.</i> 1559. | — | Ascham, 1515-1568. Tintoretto, 1512-1594. | Council of Trent, 1545-1563. |
| 1550 | Eustachius, <i>d.</i> 1574. Dodonée, 1518-1585. | — | John Knox, 1505-1572. Paul Veronese, 1528-1588. Camoens, 1527-1579. | Martyrdom of Servetus, 1553. Elizabeth, 1558-1603. |

| | | | | |
|------|--|--|--|--|
| 1550 | Fabricius ab Aquapendente, 1537-1619. Aranzi, 1530-1589. | Libavius, <i>d.</i> 1618. | George Buchanan, 1506-1582. XXXIX. Articles, 1571. | Reformation in Scotland. Queen Mary Stuart, 1562-1568. |
| 1570 | Varolius, <i>b.</i> 1543. | Gilbert, 1540-1603. Snellius, 1547-1613. | Isaac Casaubon, 1559-1614. Tasso, 1544-1595. | Peace of Utrecht, 1579. Drake sails round the world, 1577. |
| 1580 | Piccolomini, <i>b.</i> 1556. Bauhin, 1550-1624. Alberti, about 1581. Donatus, about 1588. | Tycho Brahe, 1546-1601. Giordano Bruno, <i>d.</i> 1600. Baptista Porta, 1550-1615. | Hooker, 1553-1600. Raleigh, 1552-1618. Spenser, 1553-1599. | The Armada, 1588. |
| 1590 | Sanctorius, 1561-1636. | Kepler, 1571-1630. Bacon, 1561-1626. | Coke, 1550-1634. Cervantes, 1547-1616. | Edict of Nantes, 1598. |
| 1600 | Van den Spiegel, 1578-1625. | Drebbel, 1572-1634. Galileo, 1564-1642. | Shakespeare, 1564-1616. Rubens, 1577-1640. | James I., 1603-1625. Gunpowder Plot, 1605. |
| 1610 | WILLIAM HARVEY, 1578-1657 (<i>Circulation</i>). Van Helmont, 1577-1644. G. Hoffmann, 1572-1648. | Napier, 1550-1617. | English Bible. Ben Jonson, 1574-1637. | The Pilgrim Fathers, 1620. Thirty Years' War, 1618-1648. |
| 1620 | Riolan, about 1626. ASELLI, about 1622 (<i>Lacteals</i>). | Gassendi, 1592-1655. Riccioli, 1598-1671. | First Edition of Shakespeare, 1623. George Herbert, 1593-1633. Vandyck, 1599-1641. Grotius, 1583-1645. | Foundation of New York, 1624. Richelieu, 1585-1642. |

| Period. | Anatomists and Physiologists. | Representatives of Collateral Sciences. | Representatives of Philosophy, Literature, and Art. | Collateral Events. |
|---------|--|---|--|---|
| 1630 | Deleboe, <i>b.</i> 1614 (<i>Sylvius</i>). | Descartes, 1596-1650. Otto Guericke, 1602-1686. Stevinus, 1633. Horrocks, 1619-1640. Wallis, 1616-1703. Ashmole, 1617-1692. Kenelm Digby, 1603-1665. Glauber, 1603-1668. | Herrick, 1591-1674. Velasquez, 1599-1660. Cornelle's 'Cid,' 1636. | Covenant in Scotland, 1638. Trial of Hampden, 1637-8. Long Parliament, 1640-1653. |
| 1640 | Borelli, 1608-1679. T. Bartholin, 1616-1680. Wirsung, about 1642. Schneider, about 1641. | Torricelli, 1608-1647. Foundation of Royal Society, 1645. | Milton, 1608-1674. Claude Lorraine, 1600-1682. Rembrandt, 1608-1669. Salvator Rosa, 1605-1673. Murillo, 1618-1682. | Civil War, 1642-1651. Marston Moor, 1644. Execution of the King, 1649. |
| 1650 | Van Horn, 1621-1670. Rudbeck, about 1650. Pecquet, about 1651 (<i>Thoracic duct</i>). Highmore, about 1651. Willis, 1622-1675. Swammerdam, 1637-1680. Boyle, 1626-1691. | Pascal, 1623-1662. Huyghens, 1629-1695. Sydenham, 1624-1689. Mercator, <i>d.</i> 1687. | Hobbes, 1588-1679. Molière, 1622-1673. Jeremy Taylor, 1613-1667. Jan Steen, 1626-1679. | Cromwell Protectorate, 1653-1658. Louis XIV. |
| 1660 | JOLLYFE, <i>b.</i> about 1622 (<i>Lymphatics</i>). MALPIGHI, 1628-1694 (<i>Circulation under the Microscope</i>). | Spinoza, 1632-1677. James Gregory, 1638-1675. Isaac Barrow, 1630-1677. | Bunyan, 1628-1688. Bossuet, 1627-1704. | First Standing Army. Plague of London, 1665. Fire of London, 1666. |

LOWER, 1631-1691
(*Transfusion of Blood*).
Ray, 1628-1704.
Grew, 1628-1711.
M. Hoffmann, 1622-1698.
Stenon, 1638-1687.

Viessens, 1641-1716.
Meibom, *b.* 1638.
Leuwenhoek, 1632-1723.
HOOKE, 1635-1703
(*Artificial respiration*).
MAYOW, 1645-1679
(*Respiration*).
Duverney, *b.* 1647.
Bellini, *b.* 1643.
Glisson, 1596-1677.

Baglivi, 1669-1707.
RUYSCH, 1638-1731
(*Art of injecting*).
Peyer, *b.* 1653.
Lancisi, 1654-1720.
Brunner, *b.* 1653.

Valsalva, 1666-1723.
Clopton Havers, about 1691.
J. M. Hoffmann, 1653-1727.
Verheyen, about 1693.
Vallisneri, 1661-1730.
G. Bartholin, 1655-1738.
Parfour du Petit, 1664-1741.

Roemer, 1644-1710.

Newton, 1642-1727.
Leibnitz, 1646-1716.
James Bernoulli (*I.*), 1654-
1765.
Radcliffe, 1650-1714.
Mariotte, *d.* 1684.

Stahl, *b.* 1660.
Halley, 1656-1742.
De Moivre, 1667-1754.
F. Hoffmann, 1660-1742.

Dryden, 1631-1700.
Racine, 1639-1699.
Malebranche, 1638-1715.

Locke, 1632-1704.
Massillon, 1663-1742.
Purcell, 1658-1695.

Sir C. Wren, 1632-1723.

Habeas Corpus Act, 1679.
Origin of Whig and Tory, 1680.

Peter the Great, 1689-1725.

William III., 1689-1702.

1670

1680

1690

| Period. | Anatomists and Physiologists. | Representatives of Collateral Sciences. | Representatives of Philosophy, Literature, and Art. | Collateral Events. |
|---------|---|--|--|---|
| 1700 | Boerhaave, 1668-1738. Keill, 1673-1719. | d'Ons en Bray, 1678-1753. Stephen Gray, <i>d.</i> 1736. Mead, 1673-1754. Manfredi, 1674-1739. | Defoe, 1661-1731. Swift, 1667-1745. Addison, 1672-1719. | Union with Scotland, 1707. Discovery of Herculaneum, 1708. |
| 1710 | STEPHEN HALES, 1677-1761 (<i>Circulation</i>). Morgagni, 1682-1771. | Jurin, 1684-1750. Papin, 1647-1710. Cotes, 1682-1716. Nicholas Bernoulli (I.), 1687-1759. | Pope, 1688-1744. : Gil Blas, 1715. Watteau, 1684-1721. | George I. Walpole, 1721-1742. |
| 1720 | Réaumur, 1683-1757. Pacchioni, <i>b.</i> 1695. | Maclaurin, 1698-1746. Bradley, 1692-1762. John Bernoulli (I.), 1667-1748. | Berkeley, 1684-1753. Bach, 1685-1750. Handel, 1685-1759. Peroglesi, 1707-1739. Montesquieu, 1689-1755. | Louis XV. Foundation of Guy's Hospital, 1724. |
| 1730 | Albinus, 1697-1770. | Linnæus, 1707-1778. Maskeleyne, about 1732. Hawksbee, about 1731. Dollond, 1706-1761. Euler, 1707-1789. Dan Bernoulli (I.), 1700-1752. Hartley, 1705-1757. Cramer, 1704-1752. | Wesley, 1703-1791. Voltaire, 1694-1778. Metastasio, 1698-1782. | Porteous Mob, 1736. |

- 1740 HALLER, 1708-1777
(*Muscular irritability*).
Whytt, 1714-1766.
Gaubius, 1705-1780.
Needham, 1713-1781.
Buffon, 1707-1788.
Trembley, 1700-1784.
Lieberkühn, 1711-1756.
J. F. Meckel, 1713-1781.
- 1750 William Cullen, 1712-1790.
Bonnet, 1720-1793.
Zinn, 1727-1759.
Camper, 1722-1789.
- 1760 JOHN HUNTER, 1728-1794
(*Blood-vessels*).
SPALLANZANI, 1729-1799
(*Digestion, respiration, generation*).
GALVANI, 1737-1798
• (*Animal electricity*).
HEWSON, 1739-1774
(*Blood glands*).
Unzer, 1727-1799.
Erasmus Darwin, 1731-1802.
- D'Alembert, 1717-1783.
Clairault, 1713-1765.
Simpson, 1710-1761.
Boscovitch, 1711-1787.
Kästner, 1719-1800.
Lacaille, 1713-1762.
John Bernoulli (II.), 1740-1790.
Fothergill, 1712-1780.
Smeaton, 1714-1792.
Baumé, 1728-1804.
- Mesmer, 1733-1815.
Borda, 1733-1799.
Lalande, 1732-1807.
James Watt, 1736-1819.
Hutton, 1726-1797.
Lavoisier, 1743-1794.
Joseph Black, 1728-1799.
Coulomb, 1736-1806.
Lagrange, 1736-1813.
Sir W. Herschell, 1738-1822.
Bailey, 1736-1793.
Franklin, 1706-1790.
William Hunter, 1718-1785.
Robison, 1739-1805.
Biot, about 1774.
De Saussure, 1740-1799.
- Fielding, 1707-1754.
Hogarth, 1697-1764.
David Garrick, 1716-1779.
Condillac, 1715-1780.
Rousseau, 1712-1779.
Swedenborg, 1689-1772.
- Hume, 1711-1776.
Johnson, 1709-1784.
Diderot, 1712-1784.
Smollet, 1721-1771.
Lessing, 1729-1781.
Gainsborough, 1727-1788.
Reynolds, 1723-1792.
- Thomas Reid, 1710-1796.
Adam Smith, 1723-1790.
Gibbon, 1737-1794.
Lavater, 1740-1800.
- Peace of Aix-la-Chapelle.
The "45" Rebellion in Scotland.
Clive in India, 1750-1760.
- Seven Year's War, 1756-1763.
Pitt, 1756-1761.
Plassey, 1757.
- Birth of Napoleon and Wellington in 1769.
George III., 1760-1820.
Arkwright's "jenny," 1769.
Watt's engine, 1769.

| Period. | Anatomists and Physiologists. | Representatives of Collateral Sciences. | Representatives of Philosophy, Literature, and Art. | Collateral Events. |
|---------|--|--|---|---|
| 1770 | <p>Vic d'Ayzer, 1748-1794. Scarpa, 1747-1832. Volta, 1745-1816. Araldi, 1740-1843. LAMARCK, 1744-1829.</p> | <p>Cavendish, 1731-1810. Sir J. Banks, 1743-1820. Gmelin, 1748-1840. John Bernoulli (III.), 1744- Atwood, 1745-1807. [1807. Priestley, 1734-1804. Jacobi, 1743-1819. Playfair, 1748-1819. Venturi, 1746-1822. Berthollet, 1748-1822. Scheele, 1742-1786. Bramah, 1749-1814. Daniel Bernoulli (II.), 1751- Jeuner, 1749-1823. [1834. Fourcroy, 1755-1809.</p> | <p>Goldsmith, 1728-1774. Cowper, 1731-1800. Burns, 1759-1796. Kant, 1724-1804. Gluck, 1714-1787. Mozart, 1756-1792.</p> | <p>American War, 1775-1783.</p> |
| 1780 | <p>Prochaska, 1749-1820. Sömmering, 1755-1830. Masgagni, <i>b.</i> about 1752. Blumenbach, 1752-1840. Gall, 1758-1828.</p> | <p>Argand, 1755-1803. Babington, 1757-1833. Hayley, 1749-1820. Laplace, 1749-1827. Legendre, 1752-1833. Count Rumford, 1753-1814. Pierre Prevost, 1751-1839. J. P. Prevost, 1755-1819. Olbers, 1758-1840. Carnot, 1759-1823. James Bernoulli (II.), 1759- Telford, 1757-1834. [1789. Chladni, 1756-1827.</p> | <p>Sheridan, 1751-1817. Dugald Stewart, 1753-1828. Paley, 1743-1805. Wieland, 1733-1813. Vernet, 1758-1835. David, 1748-1825. Haydn, 1732-1809.</p> | <p>America recognised, 1783. Pitt, 1759-1806. Fox, 1749-1806. E. Burke, 1730-1797.</p> |

1730

BICHAT, 1771-1802

(Life of tissues).

Girtanner, about 1790.

Kielmeyer, about 1790.

Aldini, 1762-1834.

Fourier, 1768-1830.

Brunel, 1769-1849.

Leslie, 1766-1832.

W. Humboldt, 1738-1822.

A. Humboldt, 1769-1859.

Haüy, 1743-1822.

Ivory, 1765-1842.

Playfair, 1749-1819.

Dalton, 1767-1844.

Jussieu, 1748-1836.

Cuvier, 1769-1832.

Ampère, 1775-1836.

Jeremy Bentham, 1748-1832.

Goethe, 1749-1833.

Jean Paul Richter, 1763-1825.

Walter Scott, 1771-1832.

Schiller, 1759-1805.

Mrs. Siddons, 1735-1831.

Flaxman, 1755-1826.

Canova, 1757-1822.

Beethoven, 1770-1827.

Weber, 1786-1826.

William Blake, 1779-1827.

1800

THOMAS YOUNG, 1773-1829

(Measurement of time, colour).

J. F. Berard, 1780-1828.

Rudolphi, 1771-1832.

CHARLES BELL, 1774-1842

(Sensory and motor nerves).

Richerand, 1779-1840.

Bostock, 1774-1846.

Treviranus, 1776-1837.

Spurzheim, 1776-1832.

Coleridge, 1772-1834.

Wordsworth, 1770-1850.

Byron, 1788-1824.

Madame de Staël, 1767-1817.

Hegel, 1770-1831.

Union of Great Britain and

Ireland, 1801.

Assaye, 1803.

Trafalgar, 1805.

French Empire, 1804-1815.

Austerlitz, 1805.

Jena, 1806.

Peninsular War, 1808-1814.

1810

Edwards, 1777-1842.

Purkinji, *b.* about 1787.

Sir B. Brodie, 1783-1862.

Dutrochet, 1776-1847.

MAJENDIE, 1783-1855

(Absorption).

G. Breschet, 1784-1845.

Meckel, 1781-1833.

Shelley, 1792-1822.

Keats, 1795-1821.

Schelling, 1775-1854.

Niebuhr, 1776-1831.

Schopenhauer, 1788-1860.

Ricardo, 1772-1823.

Beranger, 1780-1857.

Thorwaldsen, 1770-1844.

Invasion of Russia, 1812.

Waterloo, 1815.

| Period. | Anatomists and Physiologists. | Representatives of Collateral Sciences. | Representatives of Philosophy, Literature, and Art. | Collateral Events. |
|--------------------------|---|---|--|---|
| 1810 (<i>cont.</i>) | Sir E. Home, 1756-1832. | <p>Wollaston, 1766-1828. Frauenhofer, 1787-1826. Bessel, 1784-1846. Nobili, 1784-1835. Ohm, 1787-1854. Christopher Bernoulli, <i>b.</i> 1782. Braconnet, 1781-1855. Brande, <i>b.</i> 1788. Cagniard de la Tour, <i>b.</i> 1776. Chevreul, <i>b.</i> 1786. Buckland, 1784-1856. A. C. Becquerel, <i>b.</i> 1788. Berzelius, 1779-1848.</p> | <p>Wilkie, 1785-1841.</p> | |
| 1820* | <p>Krause, <i>b.</i> 1797. BEAUMONT, about 1824 (<i>Digestion</i>). Gmelin, 1788-1853. Serres, 1782-1862. E. H. WEBER, <i>d.</i> 1878 (<i>Circulation, muscles</i>). J. L. Prevost, 1790-1850. Von Baer, <i>b.</i> 1792. MARSHALL HALL, 1790-1857 (<i>Reflex action</i>). FLOURENS, 1794-1867 (<i>The brain</i>). Ehrenberg, <i>b.</i> 1795.</p> | <p>Basevi, <i>b.</i> 1799. Despretz, <i>b.</i> 1792. Chasles, 1793-1880. Struve, 1793-1864. Mary Somerville, 1780-1872. Daniel, 1790-1845. Cauchy, 1789-1857. Encke, <i>b.</i> 1791. Babbage, <i>b.</i> 1790. Savart, 1791-1841. Mitscherlich, <i>b.</i> 1794. Audouin, 1797-1841. Poggendorff, <i>b.</i> 1796. Payer, <i>b.</i> 1795.</p> | <p>Comte, 1798-1857. Whewell, 1794-1866. Sir W. Hamilton, 1788-1856. Thomas Chalmers, 1786-1847. Macaulay, 1800-1859. Carlyle, 1795-1879. Heine, 1800-1856. Guizot, 1787-1874. Balzac, 1779-1850. Etty, 1782-1789. Chantrey, 1781-1841. Ary Scheffer, 1795-1858. Declaroche, 1792-1852. Rossini, 1792-1868.</p> | <p>Charles X., 1824. Nicholas I., 1825-1855. Navarino, 1827. Insurrection in Poland, 1830-1831. Canning, 1770-1827. Catholic Emancipation, 1829.</p> |

POISEUILLE, *b.* 1799
(*Manometers*).
Dupuy, 1774-1849.

JOHANN MULLER, 1801-1858.
SCHLEIDEN, 1804-1872
(*Cell theory*).
Volkmann, 1801-1877.
Schroeder van der Kolk, 1797-
1862.

Bischof, *b.* 1792.
Moebius, *b.* 1790.

C. Lyell, 1797-1875.
Faraday, 1794-1867.
Sir W. Rowan Hamilton, 1805
-1865.
Colladon, *b.* 1802.
Sturm, 1803-1855.
Lassaigne, *b.* 1800.
Frémy, *b.* 1814.
Listing, *b.* 1808.
Airy, *b.* 1801.
Melloni, 1798-1854.
Amici, *b.* 1786.
Sir John Herschell, 1792-1871.
Balard, *b.* 1802.
Von Bibra, *b.* 1806.
Boussingault, *b.* 1802.
Challis, *b.* 1803.
Christison, 1779-1880.
Mulder, *b.* 1802.
Gassiot, *b.* 1797.
Dumas, *b.* 1800.
Sir D. Brewster, 1781-1868.

Donizetti, 1798-1848.
Schubert, 1797-1828.
Bellini, 1806-1835.
Mendelsohn, 1809-1847.
Meyerbeer, 1794-1864.

Thomas Arnold, 1795-1842.
J. S. Mill, 1806-1873.
Chopin, 1810-1849.
Milman, 1791-1868.
Keble, 1792-1866.

William IV., 1830-7.
Electric Telegraph, 1837.

* The dates of the decease of comparatively recent authorities have not been in all cases ascertained.

| Period. | Anatomists and Physiologists. | Representatives of Collateral Sciences. | Representatives of Philosophy, Literature, and Art. | Collateral Events. |
|---------|--|---|---|--------------------|
| 1840* | CLAUDE BERNARD, 1813-1878. (<i>Vaso-motor nerves</i>). SCHWANN, b. 1810 (<i>Cell theory</i>). John Reid, 1809-1849. JOHN GOODSIR, 1814-1867 (<i>Secretion</i>). FECHNER, b. 1801 (<i>Psycho-physik</i>). Hutchinsonson, about 1846. Allen Thomson. Carpenter. Bowman. Owen. Charles Darwin, 1809-1882. Henle. Wasmann. Ranke. | Foucault, b. 1819. Goup Von Besanez, b. 1817. Thomas Graham, b. 1805. Lord Justice Grove. A. W. Hofmann. J. P. Joule. Lehmann, b. 1812. W. H. Miller, b. 1801. De Morgan, b. 1806. Plateau, b. 1801. J. R. Mayer, b. 1814. Regnault, b. 1810. Matteucci, 1811-1868. Leverrier, 1811-1870. Adams, b. 1819. Liebig, 1803-1873. Draper, 1811-1882. Wheatstone, 1802-1875. Edward Forbes, 1815-1854. Agassiz, 1808-1873. Andrews, b. 1813. Angström, 1814-1874. Bunsen, b. 1811. Cahours, b. 1813. Dana, b. 1813. Kopp, b. 1817. Wertheim, 1815-1861. | — | — |

Ludwig.
 Von Helmholtz.
 Donders.
 Brücke.
 Brown-Sequard.
 Du Bois Reymond.
 Schiff.
 Lister.
 Vulpian.
 Vierordt.
 Huxley.
 Pettenkofer.
 Czermak.
 Lothar Meyer.

Sir W. Thomson.
 Hind.
 A. E. Becquerel.
 A. Beer.
 Berthelot.
 Cayley.
 Sylvester.
 Clausius.
 Tyndall.
 Kekule.
 Kirchhoff.
 Knablauch.
 Moleschott.
 Pasteur.

* It has not been considered necessary to make any entries in the third and fourth columns after this date.

Dr. McKendrick will feel much obliged by any errors or important omissions being pointed out. It has not been attempted to give a complete list of scientific men, but only a list of those men who have left their mark on the various sciences. In fixing contemporaneous position, the method followed in most instances has been to assume that the author did his most important work between twenty-five and forty years of age.

GLASGOW UNIVERSITY,
 March 2, 1883.

J. G. M.





