

Catalogue of the library of the Pharmaceutical Society of Great Britain.

Contributors

Knapman John William.
Pharmaceutical Society of Great Britain.
Royal College of Physicians of Edinburgh

Publication/Creation

London : printed for the Society, 1880.

Persistent URL

<https://wellcomecollection.org/works/p4jc37ub>

Provider

Royal College of Physicians Edinburgh

License and attribution

This material has been provided by the Royal College of Physicians of Edinburgh. The original may be consulted at the Royal College of Physicians of Edinburgh. 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
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

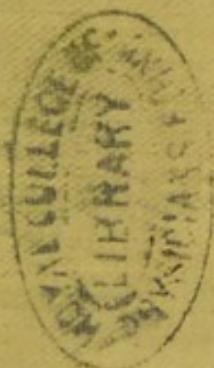
Fahr. 40



CATALOGUE OF THE LIBRARY

OF

The Pharmaceutical Society



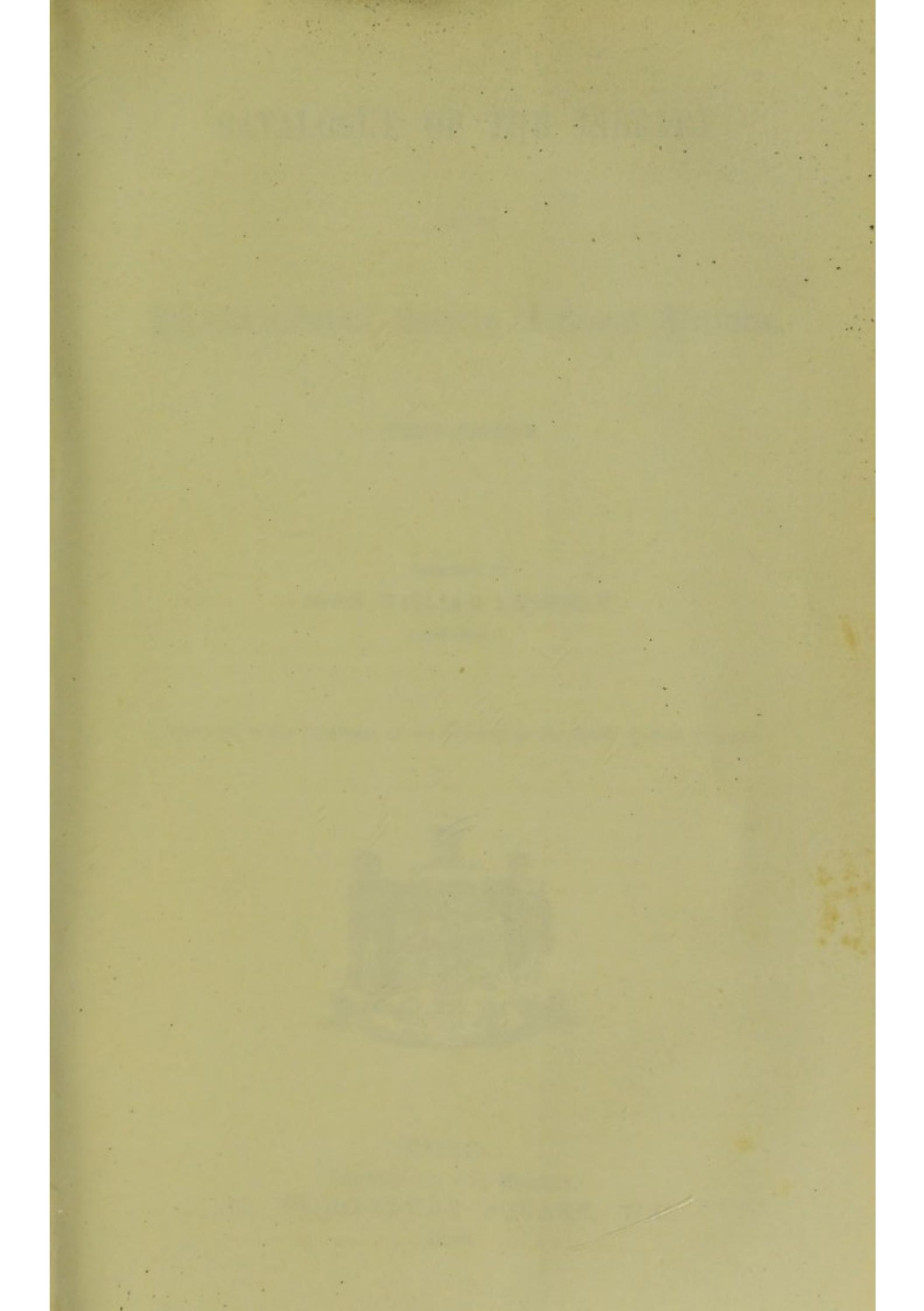
OF

Great Britain.

1880.

Fax. 48

R36833



EXPLANATIONS.

Full entries appear under the names of authors, when ascertained, except in the case of biographies; under the names of the subjects of biographies; under the initials of authors' names when these only are known, the last initial being put first; under the pseudonyms of writers when the real names are not ascertained; under the names of editors of collections; under the names of countries, cities, societies, or other bodies which are responsible for their publication; under the first word, not an article, of the titles of anonymous periodicals, and of anonymous books the names of whose authors are not known; under the names of commentators who do not give the text of the works upon which they write.

Short entries or *references* appear under subjects, titles, co-authors, authors of biographies, reporters, editors, translators, and pseudonyms; in a few cases, under artists.

Subject headings and first words of title entries are printed in clarendon; authors in **SMALL CAPITALS**.

In the case of a work occupying two or more volumes, the number of volumes is given; of single volumes the numbers of pages are stated.

Some entries, which could not be placed in their alphabetical order, will be found on pages 402-8. See also corrections on page 401.

Abbreviations are explained thus:—

anon.	anonymous.	pam.	pamphlets.
Aufl.	Auflage.	pl.	plate, plates.
Ausg.	Ausgabe.	pseud.	pseudonym, pseudonymous.
Bd.	Band or Bände.	pt., pts.	part, parts.
col.	coloured.	s. or ser.	series.
diss.	dissertation.	suppl.	supplement, supplementary, etc.
ed.	edited, edition, editio, etc.	tab.	table, tables.
elem.	elementary, elements.	t.-p. mut.	title-page mutilated.
Eng.	English.	t.-p. w.	title-page wanting.
engr.	engraved.	t.	tome, tomes, tomus, etc.
ff.	folios, i.e., leaves.	tr.	translated, traduit, etc.
Fr.	French.	v.	volume, volumes, or von.
Ger.	German.	[]	include words added to, or transposed in, title, or numbers of pages as counted by cataloguer.
Gr.	Greek.	...	matter omitted.
introd.	introduction, introductory.	?	probably, perhaps.
Lat.	Latin.	*	not circulated.
ms., mss.	manuscript, manuscripts.		
n.	new, nouvelle, etc.		
n. p., n. d.	no place, no date.		
n. t.-p.	no title-page.		
no., nos.	number, numbers.		
p.	page, pages; if in brackets before a date, published.		

Other abbreviations are sufficiently obvious.

CATALOGUE OF THE LIBRARY
OF THE
Pharmaceutical Society of Great Britain,
IN LONDON.

ABEL (F[rederick] A[ugustus]) & C. L. BLOXAM. Hand-book of chemistry. London, 1854. 20 + 724 p.

ABERDEEN (George, Earl of). See GREGORY (W.), Letter on the state of the schools of chemistry in the United Kingdom, 1842.

ABERNETHY (John). Surgical observations on the constitutional origin and treatment of local diseases, and on aneurisms ; including directions for the treatment of disorders of the digestive organs. Tenth edition. London, 1828. Vol. 1.

Abies Brunoniana. PARLATORE (F.), Note sur une monstruosité des cônes de l'abies Brunoniana, 1863.

ABNEY (W. de Wiveleslie). Treatise on photography. London, 1878. 16 + 328 p. (Text-books of science.)

Abyssinia. DRAGENDORFF (G.), Über einige abyss. Heilmittel, [1878].

ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA NATUREÆ CURIOSORUM. [Nova acta. Vratislaviae, 1846.] V. 21, suppl. 1, 92 pl., t.-p. w.
MIQUÉL (F. A. W.), Illustrationes piperacearum, mit Tafeln gezeichnet von Q. M. R. Ver Huell.

ACADEMIA IMPERIALIS MEDICO-CHIRURGICA MOSQUENSIS.

See FISCHER (G.), Zoognosia, ed. 3, 1813.

ACADEMIE DES SCIENCES, Paris.

Comptes rendus hebdomadaires des séances. Paris, 1843-79.
Tomes 16-89.

Supplément aux Comptes rendus. Paris, 1856-61. Tomes 1-2.
Table générale des Comptes rendus ; tomes 1-[61], 1835-[65].
Paris, 1853-70. 2 tomes.

ACADEMIE IMPERIALE DES SCIENCES DE ST. PETERSBOURG.

Mémoires. St. Petersburg, 1860. Sér. 7, tome 3, no. 8, 8 pl.

BORSZCZOW (E.), Die pharmaceutisch-wichtigen Ferulaceen der aralo-caspischen Wüste ; Asa foetida, Ammoniacum und Galbanum.

ACADEMIE ROYALE DE MÉDECINE DE BELGIQUE, Brussels.

See BELGIUM, Pharmacopœa, 1854, Note.

Academies. See the first word, not an article, of the title of each academy ; or a reference under the place of head-quarters.

ÆSOP. *See* PHÆDRUS (A. L.), *Fabulæ Æsopiæ*, 1860.

Africa.

BURMANN (J.), *Thesaurus Zeylanicus, Catalogi duo plantarum Africanarum*, 1737.

CÆSAR (C. J.), *Commentarii [... de bello Africano]*, 1578; 1840.

GREAT BRITAIN AND IRELAND, COMMISSIONERS OF WORKS, *Flora of tropical Africa*, by D. Oliver, *etc.*, 1868–77.

HOOKER (W. J.), *Niger flora*, 1849.

LOUREIRO (J.), *Flora Cochinchinensis, quibus accedunt [plantæ] observatæ in Africa orientali*, 1790.

Agaric resin. MASING (E.), *Über das Harz des Lärchenschwamms*, [1875].

Agave. MARTIUS (C. F. P. v.), *Beitrag zur Natur- und Literärgeschichte der Agaveen*, 1855.

AGRICULTURAL AND HORTICULTURAL SOCIETY OF INDIA, *Calcutta. Journal*. Calcutta, 1857. Vol. 9, pt. 3.

Agriculture. (*See also Horticulture, etc.*)

AGRICULTURAL AND HORTICULTURAL SOC. OF INDIA, *Journal*, 1857.

AINSLIE (W.), *Materia Indica, articles employed in agric.*, 1826.

Annals of philosophy; or, *Magazine of ... agric., etc.*, 1813–26.

BATH AND WEST OF ENGLAND SOCIETY, *Catalogue of books*, 1864.

BOUSSINGAULT (J. B. J. D.), *Rural economy*, 2nd ed., 1845.

Chemist, monthly journal of chemistry applied to agric., 1849–53.

CHURCH (A. H.), *Laboratory guide for students of agricultural chemistry*, 1864; 3rd ed., 1874.

CLEGHORN (H. F. C.), *Notes on agric. of Malta and Sicily*, 1870.

DAVY (H.), *Collected works*, 1839–40, vol. 7–8, (*see*).

— *Elements of agricultural chemistry*, 6th ed., 1839.

FORDYCE (G.), *Elements of agriculture*, 2nd ed., with appendix for farmers, 1771; 4th ed., 1789.

GREAT BRITAIN AND IRELAND, PARLIAMENT, *Agricultural returns of Gt. Britain, British possessions, and foreign countries*, 1871–3.

IMPERIAL COLLEGE OF AGRICULTURE, Japan, *catalogue of agricultural products in the Sydney International Exhibition*, 1879.

JOHNSON (S. W.), *How crops grow*, 1869.

JOHNSTON (J. F. W.), *Elements of agricultural chemistry and geology*, 9th ed., 1871.

LIEBIG (J. v.), *Organic chemistry in its applications to agriculture and physiology*, 1840; 4th ed., 1847.

— *Familiar letters on chemistry*, 3rd ed., 1851; 4th ed., 1859.

— *Letters on modern agriculture*, 1859.

MILLER (P.), *Abridgement of the Gardener's dictionary*, 1763.

MITCHELL (J.), *Manual of agricultural analysis*, 1845.

NORMANDY (A.), *The farmer's manual of agricultural chem.*, 1853.

Agriculture—continued.

Philosophical magazine and journal of ... agriculture, 1814-7.

Recreations in agriculture, by J. Anderson, 1799-1802.

SOLLY (E.), Rural chemistry, 1843.

STILLINGFLEET (B.), Miscellaneous tracts, 2nd ed., 1762.

STORY (W.), Essay on agriculture of Victoria, 1861.

UNITED STATES, DEPARTMENT OF AGRICULTURE, [Annual] report of commissioner, 1872-8.

WILSON (J.), Agricultural products and implements, 1853.

WRIGHTSON (J.), Agricultural machinery, 2nd ed., 1877.

AGUIAR (Joaquim Macedo DE). Memoria sobre a araroba. Bahia, 1879. 6 + 156 p. + 4 pl.

AIKIN (Arthur).

See Annals of philosophy, 1818.

See GUY'S HOSPITAL, Syllabus of chemical lectures, 1822.

— & C. R. AIKIN.

Dictionary of chemistry and mineralogy; with an account of processes in chemical manufactures, a description of chemical apparatus, and various tables. London, 1807. 2 vol., 15 pl.

Account of recent discoveries and improvements in chemistry and mineralogy; an appendix to their Dictionary. London, 1814. 176 p. + 1 pl.

AIKIN (Charles Rochemont). *See AIKIN (A.) & C. R. A.*

AIKIN (John).

See BAUMÉ (A.), Manual of chemistry, translated, 2nd ed., 1786.

See LEWIS (W.), Experimental history of materia medica, 4th ed., 1791;—Complete dictionary of materia medica, 4th ed., 1810.

AIKMAN (Alex.). *See BARHAM (H.)*, Hortus Americanus, 1794.

AINSLIE (Whitelaw). Materia Indica; account of articles employed by the Hindoos and other eastern nations in medicine, arts, and agriculture; [with] formulæ, names of diseases in eastern languages, list of oriental books connected with general science, etc., [Second edition of Materia medica of Hindooostan.] London, 1826. 2 vol.

Air. (*See also Atmosphere ;—Pneumatics.*)

BOYLE (R.), Continuation of new experiments physico-mechanical touching the spring and weight of the air, 1669.

— Tracts, suspicions about hidden qualities of the air, 1674.

HIPPOCRATES, Upon air, water, and situation, 1734.

HUXHAM (J.), Observations on air and epidemic diseases, 1759.

INGEN-HOUZS (J.), Experiments upon vegetables, discovering their power of purifying the air, and of injuring it, 1779.

PRIESTLEY (J.), Philosophical empiricism, with observations relating to different kinds of air, 1775.

Air—continued.

PRIESTLEY (J.)—*continued.*

— Experiments and observations, 1777–81; 1779–86; 1790; 1796.

REID (J.), Description of a washer for removing impurities, 1867.

SCHEELE (C. W.), Chemical observations and experiments, 1780.

SMITH (R. A.), Air and rain, chemical climatology, 1872.

Air, Dense inflammable. *See Hydrogen.*

Air, Fixed. *See Carbonic acid.*

Air, Oxygen or Vital. HILL (D.), Practical observations, 2 ed., 1820.

AITKEN (W. C.). Guns; Nails; Locks; Wood screws; Railway bolts and spikes; Buttons; Pins; Needles; Saddlery; Electro-plate. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1878, Birmingham trades, p. 1–150.*)

AITON (William). Hortus Kewensis; catalogue of plants cultivated in the Royal Botanic Garden at Kew. London, 1789. 3 v., 13 pl.

Aakzga or M'boundou.

FRASER (T. R.), On the characters of the akazga plant, 1868.

KAUFFEISEN (L.), Du m'b., ou poison d'épreuve du Gabon, 1876.

ALBERT (E.) *See Jahresbericht der chirurgischen Klinik, 1871.*

Albumen. (*For Albuminuria, see Urine.*)

GIRGENSOHN (L.), Beiträge zur Albuminometrie, etc., 1872.

LIBORIUS (P.), Beitr. zur quantitativen Eiweissbestimmung, 1871.

Alchemy. (*See also Philosopher's stone.*)

BACON (R.), Radix mundi, Speculum alchimiæ, 1692.

COOPER (W.), Catalogue of chymicall books, 1675[–88].

GLAUBER (J. R.), Description of new philosophical furnaces, 1652.

— Works, containing secrets in alchymy, 1689.

JÁBIR IBN HAYYÁN or GEBER, Summa perfectionis, etc., 1682.

ULLIUS (R.), Libelli aliquot chemici, opera Toxitæ editi, 1600.

— Codicillus seu Vade mecum, postrema ed., 1651.

RIPLEY (G.), Medulla alchymiæ, 1692.

ALCOCK (Randal H.). Botanical names for English readers; [with sketch of the history of botany]. London, 1876. 20 + 236 p.

ALCOCK (Rutherford). Notes on the medical history and statistics of the British legion of Spain; comprising the results of gunshot wounds, in relation to surgery. London, 1838. 8 + 102 p.

Alcohol. (*See also Beer;—Spirits;—Wine.*)

DRAGENDORFF (G.), Die Verfälschung ätherischer Öle mit Terpentin-Öl, etc., und ihr Erkennung durch Weingeist, 1873.

PRESCOTT (A. B.), Chemical examination of alcoholic liquors, 1875.

ALDINI (John). General views on the application of Galvanism to medical purposes; principally in cases of suspended animation. London, 1819. 8 + 2 + 96 p.

ALDIS (Sir Charles). *See CAROLUS.*

[ALECHAMPS (Jacques d'), or Jacobus DALECHAMPIUS.] *Historia generalis plantarum.* Lugduni, 1586. 12 + 1922 + 112 p., in 2 vol.
 [ALESSIO, Piemontese, pseud. for Girolomo RUSCELLI?], [Secretes of Alexis; contayning many excellente remedyes agaynst divers deyseases, woundes, and accydentes, etc., donne out of Frenche into Englyshe, by W. Warde. London, 1568?] Pt. 1.

Note.—Wants t.-p., introd., pt. of fol. 69, ff. 92–3, and pt. of contents.

ALEXANDER (William). *Experimental essays on the external application of antiseptics in putrid diseases; on the doses and effects of medicines; [and] on diuretics and sudorifics.* London, 1768. 4 + 8 + 220 p.

Alexandria. CÆSAR (C. J.), *Commentarii [... de bello Alexandrino]*, 1578; ed. nova, 1840.

ALEXIS. *See ALESSIO, Piemontese.*

Algebra. GRIFFIN (W. N.), *Elem. of algebra*, 1871;—*Notes*, 1872.

Algeria.

HARDY (A.), *Note sur la culture du quinquina*, 1868.

ROUCHER (C.), *De la rage en Algérie*, 1866.

ALIBERT (J. L.).

Nouveaux élémens de thérapeutique et de matière médicale, suivi d'un essai sur l'art de formuler. Paris, an 12–13, [1804–5]. 2 tomes.

Same. Cinquième édition, [avec] précis sur les eaux minérales. Paris, 1826. 3 tomes.

Aliment. *See Food, Drink, and Diet.*

Alimentary organs, Human. HARE (T.), *Physiological views of structure, functions and disorders*, 2nd ed., 1824.

ALISON (Somerville Scott). *Practical analysis of seventy cases of disease of the heart.* London, 1851. 2 + 46 p.

Alkalies.

BLACK (J.), *Experiments upon alkaline substances*, 1777.

CHURCH (A. H.), *Acids, alkalies, soap, etc.*, 2nd ed., 1877.

KINGZETT (C. T.), *History, products and processes of the alkali trade*, 1877.

KNAPP (F. C.), *Chemical technology*, 2 ed., 1863–7, v. 1, pts. 3–5.

URE (A.), *Chemistry simplified, testing of alkalis*, 1844.

Alkaline permanganates. *See Disinfection.*

Alkaline salts. PATROUILLARD (C.), *Sur le gingembre ..., Recherche des arseniates dans les sels alcalins*, 1875.

Alkaloids. (*See individual alkaloids under their respective names.*)

ARBRE (W. F. DE L'), *Über die Verbindungen einzelner Alkaloide mit Gallensäuren*, 1871.

BOURGOIN (E. A.), *Chimie organique, des alcalis organiques*, 1869.

KEITH (B.) AND Co., *Positive medical agents, [by G. Coe?]* 1855.

Alkaloids—continued.

KOPP (E.), On the artificial formation of alkaloids, 1848.

MARCHAND (E.), Notes ... suivies d'un mémoire sur les altérations éprouvées par quelques alcalis organiques, au contact et sous l'influence de l'oxigène, à l'état naissant, 1843.

WITTSTEIN (G. C.), Organic constituents of plants, 1878.

ALLARY (E.). *See* PELLIEUX (J.) & E. A., Iodométrie, 1878.

ALLEN (Alfred Henry). Introduction to the practice of commercial organic analysis. London, 1879. Vol. 1.

ALLEN (Benjamin). Natural history of the chalybeat and purging waters of England, with their uses; among which are treated apoplexy and hypochondriacism. London, 1699. 40 + 192 p.

ALLEN (John). Synopsis medicinæ: summary view of the whole practice of physick; with cases in surgery and midwifery, and a treatise on poisons. Fourth edition. London, 1761. Vol. 2.

ALLEN (William).

Life of W. A., with selections from his correspondence. London, 1846–7. 3 vol.

Memoir of W. A., by J. Sherman. London, 1851. 8 + 462 p.

See also GUY'S HOSPITAL, Syllabus of chemical lectures, 1802, etc.

ALLGEMEINER DEUTSCHER APOTHEKER-CONGRESS, Leipsic.

Bericht; erstattet von L. F. Bley. Hannover, 1848. 2 + 58 p.

ALLGEMEINER DEUTSCHER APOTHEKER-VEREIN, ABTHEILUNG NORD-DEUTSCHLAND. *See* DEUTSCHER APOTHEKER-VEREIN.

ALLGEMEINER DEUTSCHER APOTHEKER-VEREIN, ABTHEILUNG SÜD-DEUTSCHLAND. *See* Jahrbuch für practische Pharmacie, 1849–72.

ALLGEMEINER ÖSTERREICHISCHER APOTHEKER-VEREIN, Vienna.

Zeitschrift; redigirt von F. Klinger. Wien, 1871–9. Jahrg. 9–17 (oder Österr. Zeitschrift für Pharmazie, Jahrg. 25–33).

Almond. *See* Amygdalus.

Alms houses. CLARK (B.), An exposure of the corruption of the Saxon name arm's housen, [18—].

Aloes.

KONDRACKI (E.), Beiträge zur Kenntniss der Aloë, 1874.

SQUIBB (E. R.), Notes on ... aloes, 1873.

Alpaca. *See* Worsted.

ALPAGUS (Andreas). *See* HUSAIN IBN ÂBD ALLAH, Avicennæ liber canonis, de medicinis cordialibus, etc., 1555.

ALPINUS (Prosper).

Medicina Ægyptiorum. Venetiis, 1591. 12 + 175 ff.

Same. Accedunt ejusdem auctoris libri de balsamo et rhapontico, ut et J. Bontii Medicina Indorum; editio nova. Lugduni Batavorum, 171[8–]9. 24 + 372 + 2 + 48 + 112 + 26 p. + 7 pl.

Note.—Each work has a separate title-page and pagination.

ALPINUS (Prosper)—continued.

De balsamo dialogus, in quo verissima balsami plantæ, opobalsami, carpobalsami, & xylobalsami cognitio nunc elucescit.
2 + 48 p. (*With his Medicina Ægyptiorum*, 171[8-]9.)

De rhabontico disputatio, in qua rhabontici planta, quam hactenus nulli viderunt, medicinæ studiosis nunc ob oculis ponitur, ipsiusque cognitio accuratius expenditur, atque proponitur.
26 p. + 1 pl. (*With his Medicina Ægyptiorum*, 171[8-]9.)

De medicina methodica libri tredecim. Editio secunda. Lugduni Batavorum, 1719. [24] + 804 p.

ALSTON (Charles). Lectures on materia medica, and appendix on prescribing; from ms. of A., by J. Hope. Lond., 1770. 2 vol.

ALUMNI ASSOCIATION OF THE COLLEGE OF PHARMACY OF THE CITY OF NEW YORK. *See* COLLEGE OF PHARM. OF THE CITY OF NEW YORK.

ALUMNI ASSOCIATION OF THE PHILADELPHIA COLLEGE OF PHARMACY.
See PHILADELPHIA COLLEGE OF PHARMACY.

Amaurosis. *See* Eye.

Amber. DRAGENDORFF (G.), Die Entstehungsgeschichte des Bernsteins, [1878?].

America. SEEMANN (B.), Die Volksnamen der am. Pflanzen, 1851.

America, Central. GODMAN (F. D.) & O. SALVIN, Biologia, [1879].*

America, North.

BUCKNILL (J. C.), Notes on asylums for the insane, 1876.

HEAD (G.), Forest scenes and incidents in the wilds, 2 ed., 1838.

America, South.

BARHAM (H.), Hortus Americanus, 1794.

HUMBOLDT (F. H. A. v.) & A. BONPLAND, Plantes équinox., 1808-9.*

KARSTEN (H.), Floræ Columbiæ specimina selecta, 1858. *

MIERS (J.), On the apocynaceæ, 1878.

America, United States of. *See* UNITED STATES OF AMERICA.

AMERICAN CHEMICAL INSTITUTE, New York. *See* KEITH (B.) & Co.

American dispensatory. *See* KING (J.), 8th ed., 1872.

American journal of pharmacy. *See* PHILADELPHIA COLLEGE OF P.

AMERICAN LIBRARY ASSOCIATION, N. Y. *See* Library journal, 1876-9.

American library journal. *See* Library journal, 1876-7, vol. 1.

AMERICAN PHARMACEUTICAL ASSOCIATION, Philadelphia.

Minutes of the Convention of Pharmacists and Druggists, New York, 1851. Philadelphia, [reprinted] 1865. 12 p.

Proceedings of the National Pharmaceutical Convention, Philadelphia, 1852. Second edition. Philadelphia, 1865. 32 p.

Proceedings of the A. P. A., 1853, [1855, 1857-78]. Philadelphia, 1853, 1857-8; Boston, 1859; Phila., 1860-79. Vol. 2, 4, 6-26; por., tab. *Of v. 8, 2 copies.*

Same. Index to v. [1-8]; 9-17. Philadelphia, 1862, 1871.

AMERICAN PHARMACEUTICAL Association, *Philadelphia—continued.*

Syllabus of a course of study, intended as an aid to students of pharmacy, who cannot avail themselves of regular instruction; being a report made to the A. P. A. by W. Procter, jr., chairman of committee appointed for that purpose. [Philadelphia, 1858.] 66 p., n. t.-p.

Ammonia. HALFORD (G. B.), On the injection of ammonia into the circulation, 1869.

Ammonia, Citrate of bismuth and. SQUIBB (E. R.), Notes, 1873.

Ammoniacal liquor of gas works. TAYLOR (E.), Use & value, 1853.

Ammoniacum.

BORSZCZOW (E.), Die pharmaceutisch-wichtigen Ferulaceen der aralo-caspischen Wüste, etc., 1860.

HIRSCHSOHN (E.), Vergleichende Untersuchungen der wichtigeren Sorten des Galbanum- und Ammoniakgummis, 1875.

— Fr. Étude comparative ... de la gomme ammoniaque, 1876.

Ammunition. LINDSEY (G.), Pens, Ammunition, etc., 2nd ed., 1878.

Amsterdam. See *Pharmacopœa Amstelredamensis*, 1701.

Amygdalin. LEHMANN (E.), Über das Amygdalin in den Fruchtkernen der Kirschen, Pflaumen, Pfirsiche und Äpfel, etc., 1874.

Amygdalus communis. LEPAGE (P. H.), Expériences pour servir à l'histoire ..., eau distillée d'amandes amères, 1848.

Amyrin. BURI (E.), Neue Beiträge zur Kenntniss des Elemi, 1876.

Anæsthesia. (See also individual anæsthetics under their names.)

COLEMAN (A.), Anæsthesia in reference to dental surgery, 1862.

DANA jun. (R. H.), History of the ether discovery, 1848.

DUROY (J. L. P.), Anesthésimètre, nouvel appareil, 1856.

[SHAW (S. P.),] Who discovered anæsthesia? 1868.

Analysis, Chemical. See *Chemistry*.

Analyst, The; including the proceedings of the Society of Public Analysts; a monthly journal, edited by G. W. Wigner [and J. Muter]. London, [1876–9]. Vol. 1–4, tab.

Note.—Vol. 1 was published under the direction of the Society.

ANALYTICAL SANITARY COMMISSION. See HASSALL (A. H.), Food, 1855.

Anatomy. (For Vegetable anatomy, see *Botany*.)

BLUMENBACH (J. F.), Manual of comparative anatomy, 2 ed., 1827.

CARPENTER (W. B.), Manual of physiology, including physiological anatomy, 4th ed., 1865.

CHESELDEN (W.), Anatomy of the humane body, 1713.

CUVIER (G. L. C. F. D. DE), Le règne animal, introduction à l'anatomie comparée, 1817; nouv. ed., 1829.

DAVY (J.), Researches, physiological and anatomical, 1839.

Edinburgh philosophical journal, [comparative anatomy,] 1824–6.

FALCONAR (M.), Synopsis of lectures on anatomy, 1777.

Anatomy—continued.

- HEISTER (L.), Medical and anatom. cases and observations, 1755.
- JONES (T. R.), General outline of the animal kingdom, 1841; 4th ed., 1871.
- MONRO sen. (A.), Anat. of human bones, nerves, etc., 8th ed., 1768.
- PARÉ (A.), *Les œuvres*, 6me éd., 1607;—*Dutch*, [158—16—?].
- POLE (T.), Anatomical instructor, or methods for preserving and preparing parts of the body, 1790.
- QUAIN (J.), Elements of anatomy, 8th ed., 1878.
- RACKSTROW, Descriptive catalogue of anatomical figures, 1780.
- RIOLAN jeune (J.), Sure guide to physick, etc., 3rd ed., 1671.
- ST. THOMAS'S HOSP., Descriptive catalogue of museum, 1847—59.
- UNITED STATES, ARMY MEDICAL DEPT., [Pamphlets in connection with exhibit, Internat. Exhib., 1876, 1,] List of skeletons, etc.
- VERDIER, Abstract of the anatomy of the human body, 1753.
- Anchors.** LINDSEY (G.), Pens, Anchors & chain cables, 2 ed., 1878.
- Ancient war of the knights.** See Hermetical triumph, 1723.
- ANDERSON (Mrs. Elizabeth GARRETT). See LONDON SCHOOL OF MEDICINE FOR WOMEN, Inaugural address, 1877.
- ANDERSON (James). See Recreations in agriculture, etc., 1799—1802.
- ANDERSON (Sir John). Strength of materials and structures. Third edition. London, 1876. 2 + 14 + 302 + 2 p. (Text-books of science.)
- ANDERSON (Thomas). See Edinburgh philosophical journal, 1855—6.
- Aneurisms.** ABERNETHY (J.), Surgical observations, 10th ed., 1828.
- Angræcum fragrans.** DELTEIL (A.), La vanille à la Réunion, [avec Notice sur le faham, angræcum fragrans,] 1878.
- ÅNGSTRÖM (Anders Jöns). Mémoire sur la polarisation rectiligne et la double réfraction des cristaux à trois axes obliques. Upsal, 1849. 2 + 72 p.
- Angustura bark.** BRANDE (A. E.), Experiments and observ., 1791.
- Animal kingdom.** See Anatomy;—Physiology;—Zoology.
- Animal products.**
- OWEN (R.), Raw materials from the animal kingdom, 1852.
- SIMMONDS (P. L.), Animal products, 1877.
- Ann Arbor.** See UNIVERSITY OF MICHIGAN.
- Annalen der Chemie und Pharmacie.** (See also next page.)
- Annalen der Chemie und Pharmacie; vereinigte Zeitschrift des neuen Journals der Pharm. und des Magazins für Pharm. und Experimentalkritik; herausgegeben von F. Wöhler, J. Liebig, [H. Kopp, E. Erlenmeyer und J. Volhard]. Heidelberg, 1843—55; Leipzig, 1855—72. Bd. 45—162 (*oder* Bd. 45—76; neue Reihe, Bd. 1—86); Supplementbd. 1—8; pl.
- Note.*—Bd. 128 wants t.-p., p. 257 to end, and Register of Bd. 125—8.

Annalen der Chemie und Pharmacie—continued.

Justus Liebig's Annalen der Chemie und Pharm. ; herausgegeben von F. Wöhler, H. Kopp, E. Erlenmeyer [und] J. Volhard. Leipzig, 1873-4. Bd. 169-72, pl.

Justus Liebig's Annalen der Chemie ; herausg. von F. Wöhler, H. Kopp, A. W. Hofmann, A. Kekulé, E. Erlenmeyer [und] J. Volhard. Leipzig, 1874-80. Bd. 173-200, pl.

Autoren- und Sach-Register. Leipzig, 1861, 1874. 3 Bd.

1. Bd. 1-100, 1832-56, von G. C. Wittstein.—2. Bd. 101-16, 1857-60, von G. C. W.—3. Bd. 117-64 und Supplementbd. 1-8, 1861-72, von F. Carl.

Annalen der Physik und Chemie ; herausgegeben von J. C. Poggendorff. Leipzig, 1858-9. Bd. 105-8, pl.

Annales de chimie et de physique.

Annales de chimie ; ou Recueil de mémoires concernant la chimie et les arts qui en dépendent [et spécialement la pharmacie] ; par [Guyton-] Morveau, Lavoisier, Monge, Berthollet, de Fourcroy, de Dietrich, Hassenfratz, Adet, [Séguin, Vanquelin, Pelletier, C. A. Prieur, Chaptal, van Mons, Deyeux, Parmentier, Bouillon-Lagrange, Collet-Descostils, A. Laugier, Gay-Lussac, Thenard et d'Arcet]. Paris, 1789-1815. 96 tomes, pl.

Same. Table générale des 30 premiers volumes. Paris, 1801.

Same. Table générale des v. 31-60 ; [par L. Biet]. Paris, 1807.

Same. Table générale des 36 derniers volumes. Paris, 1821.

Annales de chimie et de physique. [Seconde série] ; par Gay-Lussac, Arago, [Chevreul, Savary, Dumas, Pelouze, Boussingault et Regnault]. Paris, 18[16]-40. 75 tomes, pl.

Same. Table générale des 30 premiers volumes. Paris, 1831.

Same. Table générale des [v.] 31-60. Paris, 1840.

Same. Troisième série ; [par Gay-Lussac, Arago, Chevreul, Savary, Dumas, Pelouze, Boussingault, Regnault, de Senarmont, Wurtz et Verdet]. Paris, 1841-63. 69 tomes, pl.

Same. Table des tomes 1-30 ; [par E. Maumené]. Paris, 1851.

Same. Table des tomes 31-69 ; par E. Willm. Paris, 1866.

Same. Quatrième série ; [par Chevreul, Dumas, Pelouze, Boussingault, Regnault, Wurtz, Verdet et Bertin]. Paris, 1864-73. 30 tomes, pl.

Same. Table ; par U. Gayon. Paris, 1874.

Same. Cinquième série ; [par Chevreul, Dumas, Boussingault, Regnault, Wurtz, Berthelot, Pasteur et Bertin]. Paris, 1874-9. Tomes 1-18, pl.

Annales des sciences naturelles ; redigées pour la zoologie [et la paléontologie] par [H. et A.] Milne Edwards, pour la botanique par A. Brongniart et J. Decaisne. Paris, 1858-79. Sér. 4, tom. 9-20 ; s. 5, t. 1-20 ; s. 6, t. 1-8 ; pl.

Annals and magazine of natural history, including zoology, botany, and geology; being a continuation of the [Annals, by Jardine, etc., combined with] Loudon and Charlesworth's Magazine of natural history; conducted by P. J. Selby, G. Johnston, C. C. Babington, J. H. Balfour, R. Taylor, [J. E. Gray, A. Henfrey, W. Francis, W. S. Dallas, A. C. L. G. Günther, and W. Carruthers]. London, 1851-79. Ser. 2, v. 7-20; s. 3, v. 2-20; s. 4, v. 1-20; s. 5, v. 1-4; pl., por.

Annals of botany; editors, C. Konig and J. Sims. London, 1805-6. 2 v., pl., por.

Annals of chymistry and practical pharmacy. London, 184[2-]3. V. 1; v. 2, p. 1-84; pl.

Annals of electricity, magnetism, and chemistry; and guardian of experimental science; conducted by W. Sturgeon, etc. London, 183[6]-43. 10 v., pl.

Annals of pharmacy and practical chemistry; a monthly record of *materia medica*, pharmacy, and chemistry; edited by W. Bastick and W. Dickinson. London, 1852-4. 3 v.

[**Annals** of philosophical discovery, and monthly reporter of the progress of science and art; edited by W. Sturgeon. London, 1843.] V. 1, *t.-p. and index wanting*.

Annals of philosophy; or, Magazine of chemistry, mineralogy, mechanics, natural history, agriculture, and the arts; by T. Thomson, [A. Aikin, J. Bostock and R. Phillips]. London, 1813-26. Ser. 1, v. 1-16; s. 2, v. 1-12; pl.

Note.—V. 1-2 of s. 1 are of the second edition. The work was afterwards incorporated with the Philosophical magazine, which *see*.

Annuaire de la pharmacie française et étrangère; redigé par C. Méhu; année 1875. Paris, 1876. 24 + 552 p.

Annuaire pharmaceutique; ou Exposé analytique des travaux de pharmacie, physique, histoire naturelle pharmaceutique, hygiène, toxicologie et pharmacie légale, etc.; par O. Reveil, [L. Parisel et C. Méhu]. Paris, [1863-74]. 11 v.

Annual report of the progress of chemistry, physics, mineralogy, geology, etc. *See Jahresbericht über die Fortschritte der reinen, pharmaceutischen und technischen Chemie*, 1849-53.

ANSTED (David Thomas).

Non-metallic mineral manufactures. (*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of Great Exhibition, 2nd ser., 1853, p. 331-74.*)

Elementary course of geology, mineralogy, and physical geography. Second edition. London, 1856. 16 + 606 p.

Anthelmintics, Indian. **WARING** (E. J.), Notes, 1859.

Anthology. *See Nuova antologia.*

ANTHON (Ernst Friedrich). Handwörterbuch der chemisch-pharmazeutischen, technisch-chémischen und pharmakognostischen Nomenklaturen, oder Übersicht aller latineischen, deutschen und französischen Benennungen sämmtlicher chemischen Präparate des Handels und sämmtlicher rohen Arzneistoffe. Zweite Auflage. Leipzig, 1861. 12 + 864 p. *

Note.—This work has also a t.-p. and preface in French.

ANTI-ADULTERATION ASSOCIATION, *London*.

Anti-adulteration review. London, 1871–8. Nos. 1–26, 28, 30–2, 45, 51–6, 58–71, 73–5, 77–81, 83.

Antimony.

[GESNER (C.), *Newe jewell of health, wherein is contayned the use and preparation of antimonie*, 1576.]

HUXHAM (J.), *Medical and chemical observations on ant.*, 1756.

VALENTINUS (B.), *Triumphant chariot of antimony*, 1678.

ANTISELL (Thomas). Manufacture of photogenic or hydrocarbon oils, from coal and other bituminous substances, capable of supplying burning fluids. New York, 1859. 144 p.

Antiseptics.

ALEXANDER (W.), *Experimental essays on the external application of antiseptics in putrid diseases*, 1768.

BUCHOLTZ (L.), *Antiseptica und Bakterien*, [1875].

DRAGENDORFF (G.), *Berichte über die Versuche über Einwirkung verschiedener Antiseptica auf Bacterien*, 1879.

HABERKORN (T.), *Das Verhalten von Harnbakterien gegen einige Antiseptica*, 1879.

MACBRIDE (D.), *Experimental essay on antiseptics*, 1764.

Antwerp. *See Société de Pharmacie d'Anvers.*

Aphides. COURCHET (L.), *Étude sur le groupe des aphides*, 1878.

Apocynaceæ. MIERS (J.), *On the apocyn. of S. America, etc.*, 1878.

Apoplexy.

ALLEN (B.), *Natural history of chalybeat and purging waters of England, with their uses*, 1699.

TISSOT (S. A. D.), *Practical observations on small-pox, etc.*, 1772.

Apothecaries.

BROWNE (H. M.), *Apothecary's vade mecum*, 1812.

BURROWS (G. M.), *Statement of circumstances connected with the Apothecaries' act*, 1817.

GREAT BRITAIN & IRELAND, HOUSE OF COMMONS, *Special report on Apothecaries licenses bill*, 1874.

SOCIETY OF APOTHECARIES, *Statement on the administration of the Apothecaries' act*, 1844.

— *Address to general practitioners*, 1844; 1845.

— *Three reports on the incorporation of general practitioners*, 1846.

APOTHEKER-VEREIN IN HESSEN.

See Jahrbuch für practische Pharmacie, 1843-50.

APOTHEKER-VEREIN IN NORDDEUTSCHLAND.

See DEUTSCHER APOTHEKER-VEREIN.

APOTHEKER-VEREIN IN WURTEMBERG.

See Jahrbuch für practische Pharmacie, 1843-50.

Apple.

DRAGENDORFF (G.), [Analysen zweier Äpfel, 1878?].

— Chemische Beiträge zur Pomologie, 1878.

Aptera. MURRAY (A.), Economic entomology, aptera, [1877?].

ARAGO (Dominique Francois Jean ?).

See Annales de chimie et de physique, 2me sér.; 3me sér.

Araroba. AGUIAR (J. M. DE), Memoria sobre a araroba, 1879.

Arboriculture. *See Trees.*

ARBRE (Wilhelm Franz de l'). Über die Verbindungen einzelner Alkaloide mit Gallensäuren; Inaugural-Dissertation. Dorpat, 1871. 64 p. (Kaiserliche Universität zu Dorpat.)

ARBUTHNOT (John). Essay concerning the nature of aliments, and the choice of them. London, 1731. 32 + 232 p.

Arcachon.

PEREYRA (E. L.), Des bains de mer d'Arcachon, 1853.

SOCIÉTÉ D'ACCLIMATATION, Paris, Rapport sur les expositions internationales de pêche, 1871.

Arcana Goddardiana. *See BATE (G.), Pharmacopœia, 1694, etc.*ARCET (d'). *See Annales de chimie.*

ARCHER (Thomas Croxen).

Popular economic botany; botanical and commercial characters of articles of vegetable origin. London, 1853. 16 + 360 p. + 20 col. pl.

Paper. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Paper, etc., p. 1-34.*)

Wool and its applications. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Wool, etc., p. 1-56.*)

ARCHER (William).

See PRITCHARD (A.), History of infusoria, 4th ed., 1861.

See Quarterly journal of microscopical science, 1876-9.

ARCHER (William Henry).

See VICTORIA, REGISTRAR GENERAL, Statistical register of Victoria, 1854;—Statistical notes on the progress of Victoria, 1861;—Exposition intercoloniale, progrès de Victoria, 1866.

See VICTORIA, VICTORIAN EXHIBITION, Catalogue, with essays, 1861;—Die Colonie Victoria, 1861;—Essais divers, 1861.

Architecture. *See Naval architecture.*Archiv der Pharmacie. *See DEUTSCHER APOTHEKER-VEREIN.*

Archiv for Pharmaci og teknisk Chemi, med deres Grundvidenskaber; redigeret af S. M. Trier. Kjøbenhavn, 1859–79. Bd. 13–33 (Archiv for Pharmaci, Bd. 16–36).

Archives belges de médecine militaire; journal des sciences médicales, pharmaceutiques et vétérinaires. Bruxelles, 1858–62. Tome 21, nos. 5–6; t. 22, 25–7; t. 28, nos. 1–4, 6; t. 29, nos. 1–3.

Archives of science. See ORLEANS COUNTY SOCIETY, 1870–4.

Argentine Republic. MURRAY (C.), Apuntes para la historia de la farmacia argentina, 1867.

Argentoratum. See Strasburg.

Arithmetic.

ARNOTT (N.), Arithmetic simplified for general use, 1867.

HUNTER (J.), Key to Merrifield's Technical arithmetic, 1873.

KEITH (T.), Complete practical arithmetician, 11th ed., 1834.

MERRIFIELD (C. W.), Technical arithmetic and mensuration, 1872.

ARLENSIS DE SCUDALUPIS (Petrus). Sympathia septem metallorum ac septem selectorum lapidum ad planetas. (In LEONARDUS, C., Speculum lapidum, etc., 1610, p. 245–499.)

ARLIDGE (J. T.). See PRITCHARD (A.), Hist. of infusoria, 4 ed., 1861.

Arm's houses. CLARK (B.), An exposure of the corruption into alms houses, [18—].

ARMSTRONG (Henry E.). Introduction to the study of organic chemistry: chemistry of carbon and its compounds. London, 1874. 12 + 350 + 2 p. + 3 tab. (Text-books of science).

Army. (See also various countries; War, etc.)

ROUCHER (C.), De l'autorité et de la responsabilité médicales, 1874.

ARNALDUS de Villa Nova. See JOANNES de Mediolano, Schola Salernitana, cum luculentâ et succinctâ, etc., 1649.

ARNAUD (George).

See GOULARD (T.), Treatise on lead, 3rd ed., 1772; new ed., 1777.

ARNEMAN (J.). See Medical and physical journal, 1805.

ARNOLDUS de Villa Nova. See ARNALDUS.

ARNOTT (George Arnold WALKER).

See HOOKER (W. J.), British flora, 6th ed., 1850.

ARNOTT (Neil).

Elements of physics, or natural philosophy, in plain or non-technical language. Sixth edition. London, 1864–5. 2 pts.

Same. Seventh edition, by A. Bain and A. S. Taylor. London, 1876. 20 + 876 p. + por.

Arithmetic simplified for general use; supplement to Elements of physics, etc. London, 1867. 2 + 48 p.

ARNOUX (L.). Ceramic manufactures, porcelain and pottery. (In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of Great Exhibition, 1853, 2nd ser., p. 375–416.)

ARNOUX (L.)—*continued.*

Pottery. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Pottery, etc., p. 1–74.*)

Arseniates.

DALTON (J.), On the phosphates and arseniates, 1840–2.

PATROUILlard (C.), Sur le gingembre ..., Recherche des arseniates dans les sels alcalins, 1875.

Arsenic.

CHEVALLIER (J. B. A.), Recherches sur l'appareil de Marsh, 1839.

HOGG (J.), Inflammation of the eye and injuries to health by arsenical wall-paper poisoning, 1879.

MÉHU (C.), Sulfate de mercure, [et Note pour servir à l'histoire des accidents toxiques produits par l'arsenic dans les fabriques de couleurs d'aniline, 1876].

PAYNE (M. H.), Arsenic and arsenious acid, 1866.

WÖHLER (F.), Analytical chemist's assistant, with rules for detecting arsenic, 1853.

Arsenic, Iodide of. CHEVALLIER (J. B. A.), Recherches, 1839.

Arsenious acid.

GUY (W. A.), On the microscopic characters of the crystals, 1861.

HIRSCHSOHN (E.), The behaviour of dialyzed iron towards arsenious acid, 1878.

PAYNE (M. H.), Arsenic and arsenious acid, 1866.

TIERSOT fils (H.), Observations sur l'emploi de l'oxide de fer contre l'empoisonnement par l'acide arsénieux, 1840.

Arseniuretted hydrogen. CHEVALLIER (J. B. A.), Recherches, 1839.

ART UNION of LONDON.

Annual Report. London, 1853–4, 1858, 1862, 1868. 5 v.

Arts. (*For Chemical arts, see Chemistry.*)

AINSLIE (W.), Materia Indica, articles employed in arts, 1826.

[Annals of philosophical discovery, progress of art, 1843.]

Annals of philosophy, or Magazine of arts, 1813–26.

ART UNION of LONDON, Annual report, 1853–4, 1858, 1862, 1868.

Athenæum, journal of ... the fine arts, 1871–9.

BACHHOFFNER (G. H.), Chemistry as applied to fine arts, 1837.

BATH AND WEST OF ENGLAND SOCIETY FOR THE ENCOURAGEMENT OF AGRICULTURE, ARTS, etc., Catalogue of books, 1864.

BIRMINGHAM FREE ... ART GALLERY, Report, 1871–3; 1876–7.

BRANDE (W. T.) & G. W. Cox, Dictionary of ... art, n. ed., 1866–7.

CUNNINGHAM (A.), On the rise and progress of fine arts, 1862.

Edinburgh philosophical journal, 1819–26; 1854–6.

Encyclopædia Britannica, 9th ed., 1875–9.

FAIRHOLT (F. W.), Dictionary of terms in art, [1870?].

JAMIESON (A.), Dictionary of mechanical science, etc., 7 ed., 1833.

Arts—continued.

- JONES (O.), Attempt to define principles which should regulate employment of colour in decorative arts, 1853.
- Journal of natural philosophy, etc.*, 1802–13.
- Journal of science, and annals of ... industrial arts, etc.*, 1879.
- LEWIS (W.), *Commercium philosophico-technicum*, 1765.
- Philosophical magazine, liberal and fine arts*, 1814–7.
- Polytechnisches Journal*, von Dingler, 1858–9.
- Popular encyclopedia or Conversations lexicon*, new ed., 1862.
- Recreations in agriculture, arts, etc.*, by J. Anderson, 1799–1802.
- Repertory of arts and manufactures*, 1794–1802.
- ROYAL INSTITUTION OF GT. BRITAIN, *Quarterly journal*, 1816–30.
- ROYLE (J. F.), *Arts and manufactures of India*, 1852.
- SMITH (G.), *Laboratory, or School of arts*, 1756.
- SOCIETY FOR THE ENCOURAGEMENT OF ARTS, *Trans.*, 1754–1835.
- *Journal of the Society of Arts*, 1852–79.
- SOLLY (E.), *Vegetable substances used in arts*, 1852.
- Student and intellectual observer*, 1868–71.
- Technologist, record of science applied to art*, 1860–7.
- THORNTON (R. J.), *New family herbal, plants used in arts*, 1810.
- URE (A.), *Recent improvements in arts*, 2nd ed., 1851.
- *Dictionary*, 4 ed., 1853 ; 5 ed., 1860 ; 6 ed., 1872 ; 7 ed., 1878.
- WHEWELL (W.), *General bearing of the Great Exhibition on the progress of art and science*, 1852.
- WORNUM (R. N.), *On progress of fine arts during 19th cent.*, 1862.
- WYATT (M. D.), Attempt to define principles which should determine form in the decorative arts, 1853.
- ARTUS (Wilibald). *Hand-Atlas sämmtlicher medicinisch-pharmaceutischer Gewächse, oder naturgetreue Abbildungen nebst Beschreibungen in botanischer, pharmacognostischer und pharmakologischer Hinsicht. Fünfte Auflage.* Jena, 1876. 2 Bd., 241 col. pl. *
- Arzneimittellehre.** *See Materia medica.*
- Asa foetida.**
- BORSZCZOW (E.), *Die pharmaceutisch-wichtigen Ferulaceen der aralo-caspischen Wüste*, 1860.
- DÉNIAU (P. C. F.), *Le silphium, asa foetida*, 1868.
- Asclepias vincetoxicum.** PATROUILARD (C.), *Sur le gingembre, [et] Falsification de la racine de polygala de Virginie par la racine d'asclépiade dompte-venin*, 1875.
- Ascobolus.** COOKE (M. C.), *The genus ascobolus*, 1864.
- Askern.** LANKESTER (E.), *Account of Askern*, 1842.
- ASOCIACION FARMACÉUTICA DE BUENOS AIRES.**
- See SOCIEDAD DE FARMACIA NACIONAL ARGENTINA.*

Asphyxia.

- ALDINI (J.), Galvanism in cases of suspended animation, 1819.
 BOUCHARDAT (A.), Nouveau formulaire, ... secours à donner aux asphyxiés, 2me éd., 1843; 17me éd., 1872.
 FOY (F.), Formulaire des médecins praticiens, 4me éd., 1843.
 HALL (M.), Abstract of an investigation into asphyxia, 1856.

Aspidium. *See* **Filix mas.****Assaying.** *See* **Metallurgy.****Assimilation.** *See* **Digestion.**

ASSOCIATION OF MEDICAL OFFICERS OF HEALTH, *London*. *See* BALLARD (E.), On typhoid fever, with pref. by president & secretaries, 1871.

Associations. *See* first word, not an article, of title of association, or reference under place of head-quarters.

ASSOCIAZIONE CHIMICO-FARMACEUTICA FIORENTINA. L'Orosi, bollettino di chimica, farmacia e scienze affini. Firenze, 1878-9. Anni 1-2.

Assurance, Life. THOMAS (L.), Brief considerations on diseases of the ear, in relation to life assurance, 1876.

Assurance magazine. *See* INSTITUTE OF ACTUARIES, *London*.

Asthma.

DOBELL (H.), On winter cough, *etc.*, 3rd ed., 1875.

SCUDAMORE (C.), Cases illustrative of efficacy of inhalation, 1830.

Astragalus. FISCHER (F. B.), Synopsis astragalorum, 1853.

Astringents.

IRVING (R.), Experiments ... vegetable astringents, 1785.

PERCIVAL (T.), Essays ... on astringents and bitters, 1767.

Astronomy.

FREND (W.), Evening amusements, 1822.

Journal of science, and annals of ... astronomy, 1879.

Philosophical magazine, or, Annals of ... astronomy, 1827-32.

SCHÖDLER (F.), Book of nature, 1851.

SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829-38, v. 3 (*see*).

VICTORIA, REGISTRAR GENERAL, Statistical register of Victoria, with astronomical calendar for 1855.

WHEWELL (W.), Astronomy and natural theology, 2nd ed., 1833.

ASTRUC (Jean). Treatise on the venereal disease; being chiefly designed as a translation and abridgment of the practical part of A.'s work. Second edition, [with additions] by S. Chapman. London, 1770. 28 + 500 p.

Asylums for the insane in America. BUCKNILL (W.), Notes, 1876.

Athenæum, The; journal of English and foreign literature, science, the fine arts, music, and the drama. London, 1871-9. 18 v.

Athens. HIPPOCRATES, Upon air, water, and situation, [with] Thucydides' account of the Plague of Athens, 1734.

Athens—*continued.*

THEOPHRASTOS, Calendar of Flora, 1762.

ATKINSON (E.). *See* GANOT (A.), Elementary treatise on physics, 2 ed., 1866, etc.; Natural philosophy for general readers, 1872, etc.

ATKINSON (George T.). *See* JOHNSTON (J. F. W.), Elements of agricultural chemistry and geology, 9th ed., 1871.

Atlas. *See* Maps.

Atmosphere. (*See also* Air;—Pneumatics.)

BOYLE (R.), Continuation of new experiments, with discourse on atmospheres of consistent bodies, 1669.

SAUL (E.), Historical and philosophical account of the barometer, the theory of the atmosphere, etc., 2nd ed., 1735.

Atomic theory.

DALTON (J.), Memoir, and history of the atomic theory, by R. A. Smith, 1856.

DAUBENY (C. G. B.), Introduction to the atomic theory, 1831.

— Supplement to the Introduction, 1840.

FILHOL (E.), Studies on the connection existing between atomic weights, crystalline forms and density of bodies, 1848.

OTTO (F. J.), On the relation of the volumes of bodies in the solid state to their equivalents or atomic weights, 1848.

Atractylis gummifera. LEFRANC (E.), Étude, 1866.

Atropa belladonna. HARLEY (J.), The old veget. neurotics, 1869.

Atrophy. RUSSELL (R.), Dissertation on sea-water, etc., [1760–2?].

Atropia.

FRASER (T. R.), Investigation into tetanic symptoms produced in cold-blooded animals, 1869.

— Experimental research on the antagonism between the actions of physostigma and atropia, 1872.

ATTFIELD (John).

Introduction to pharmaceutical chemistry. London, 1867.

6 + 448 p. + 1 tab. + 3 pl. 2 copies.

Chemistry: general, medical, and pharmaceutical, including the chemistry of the British pharmacopœia. [Second edition of Introduction to pharmaceutical chemistry.] London, 1869. 8 + 624 p. + 1 tab. + 2 pl. 2 copies.

Same: including the chemistry of the U. S. pharmacopœia. [Third edition], from the second English. Philadelphia, 1871.

12 + 552 p. + 1 tab.

Same. Fourth [English] edition. London, 1872. 16 + 696 p. + 1 tab. + 2 pl. 3 copies.

Same. Fifth [U. S.] edition. Phila., 1873. 16 + 608 p. + 1 tab.

Same. Sixth [English] edition. London, 1875. 2 + 18 + 766 p. + 2 tab. 2 copies.

ATTFIELD (John)—*continued.*

Chemistry: general, medical, and pharmaceutical, etc.—*continued.*

Same. Seventh [U. S.] edition. Philadelphia, 1876. 16 + 668 p. + 2 tab., wanting p. 421–32.

Same. Eighth [U. S.] edition. Phila., 1879. 16 + 700 p. + 4 tab.

Microscopic examination of urinary sediments. [London, 1867.] 4 p. + 2 pl., n. t.-p.

Origin, extension, and prevention of fires, and the relation of mineral and vegetable oils to fires. London, [1872]. 32 p.

AUCKLAND (William EDEN, Baron). History of New Holland; with a description of Botany Bay [etc.; also] a discourse on banishment. London, 1787. 24 + 254 p. + 2 maps.

Augsburg or Augusta Vindelicorum. See COLLEGIUM MEDICUM, Augsburg, Pharmacopœia Augustana, etc., 1622.

AUSTIN (Sarah). See RAUMER (F. L. G. v.), England in 1835.

Australia. (See also SOUTH AUSTRALIA.)

AUCKLAND (W. EDEN, Baron), History of New Holland, 1787.

BENTHAM (G.) & F. v. MÜLLER, Flora Australiensis, 1863–78.

AUSTRIA.

Pharmacopœa Austriaco-provincialis. Viennæ, 1774. 8 + 312 p.

Pharmacopœa Austriaca. Editio sexta. Viennæ, 1869. 10 + 294 p.

Ger. Commentar zur österreichischen Pharmacopoe, mit [verdeutschtem Texte, und] Rücksicht auf die wichtigsten Pharmacopœen des Auslandes; bearbeitet von F. C. Schneider und A. [E.] Vogl. Dritte Auflage. Wien, 187[8–]9. Lief. 1–3.

See also KLETZINSKY (V.), Die österreichische Landes-Pharmacopœ, 5e Ausgabe erläutert, neue Ausg., 1860.

AVICENNA. See HUSAÍN IBN ÂBD ALLAH (Abú Áli Al).

AZORES. RAMOS (A. G.), Noticia do archipelago dos Açores, e do que ha mais importante na sua historia natural, 2a ed., 1871.

BABBAGE (Charles). The ninth Bridgewater treatise; a fragment. London, 1837. 4 + 242 p.

BABINGTON (Charles Cardale).

Manual of British botany, containing flowering plants and ferns. Third edition. London, 1851. 32 + 434 p.

Same. Fourth edition. London, 1856. 32 + 446 p.

Same. Seventh edition. London, 1874. 64 + 474 p.

Flora of Cambridgeshire. London, 1860. 56 + 328 p. + 1 map.

See also Annals and magazine of natural history, ser. 2–4.

BABINGTON (William).

Systematic arrangement of minerals, founded on the joint consideration of their chemical, physical, and external characters; [in] tables, [with analyses]. London, 1795. 4 + 26 p.

BABINGTON (William)—*continued.*

New system of mineralogy, in the form of catalogue, after Born.
London, 1799. 8 + 288 p.

See also GUY's HOSPITAL, Syllabus of chemical lectures, 1789, etc.
BACHE (Franklin). *See* WOOD (G. B.) & F. B., Dispensatory of
the United States, 5th ed., 1843, etc.

BACHHOFFNER (George H.). Chemistry as applied to the fine arts.
London, 1837. 16 + 172 p. + 1 tab.

BACON (Francis, Lord). *See* ORRIDGE (B. B.), Some particulars of
ancestors of Sir F. B., 1868.

BACON (Roger). Radix mundi; Speculum alchimiae. (*In* SALMON,
W., Medicina practica, 1692, p. 585–642.)

Bacteria.

BUCHOLTZ (L.), Antiseptica und Bakterien, [1875].

— Untersuchung über den Einfluss der Temperatur auf Bakterien-
vegetation, [1875].

DRAGENDORFF (G.), Berichte über die Versuche über Einwirkung
verschiedene Antiseptica auf Bacterien, 1879.

HABERKORN (T.), Das Verhalten von Harnbakterien gegen einige
Antiseptica, 1879.

KÜHN (P.), Ein Beitrag zur Biologie der Bacterien, 1879.

BADELEY (John). *See* WALL (M.), Clinical observations, 1786.

Baden pharmacopœia. *See* PRUSSIA, Pharmacopœa Borussica, Ba-
dische Pharm. in Vergleichung mit der preussischen, [186–?].

Bael or Bela.

FAYRER (J.), On the bael fruit and its medicinal properties and
uses, 1877.

Practical observations on the use of the Indian bael or bela, in
dysentery, diarrhoea, &c., [185–?].

BAILDON (Henry C.). Specimen of B.'s nature-printed ferns;
descriptions by T. Moore. London, 1869. 12 p. + 4 col. pl. *

BAILLON (Henri Ernest).

Natural history of plants, by H. [E.] B.; translated [from the
French] by M. M. Hartog. London, 1871–8. V. 1–5.

Dictionnaire de botanique; par H. [E.] B., avec la collaboration
de J. de Seynes, J. de Lanessan, E. Mussat, W. Nylander, E.
Tison, E. Fournier, J. Poisson, [J.?] L. Soubeiran, H. Boc-
quillon, G. Dutailly, A. Bureau, H. A. Weddell, etc.; dessins
de A. Faguet. Paris, 1876–9. Fasc. 1–11, col. pl. *

See also FLÜCKIGER (F. A.) & D. HANBURY, Histoire des drogues,
avec une préface par H. [E.] B., 1878.

BAIN (Alexander). *See* ARNOTT (N.), Elem. of physics, 7th ed., 1876.

BAINES (M. A.). The practice of hiring wet nurses considered, as it
affects public health and morals. London, 1859. 16 p.

BAINES (M. A.)—*continued.*

The comparative properties of human and animal milks; a new theory as to essences, and a new interpretation of some physiological facts; with [discussion thereon]. Lond., 1860. 20 p.

BAKER (George). *See* GESNER (C.), *Newe jewell of health*, 1576.

BAKER (J.). Epitome of chemistry, in lectures, illustrated by experiments; [with] appendix. Portsmouth, 1838. 4 + 8 + 244 p.

BAKER (John Gilbert).

See Journal of botany, British and foreign, 1870–5.

See MAURITIUS, COLONIAL GOVERNMENT, Flora of Mauritius and the Seychelles, 1877.

Bakerian lectures. *See DAVY (H.)*, Collected works, 1839–40, v. 5.

BALFOUR (Francis Maitland).

See Quarterly journal of microscopical science, 1878–9.

BALFOUR (John Hutton).

Manual of botany; introduction to the structure, physiology, and classification of plants. London, 1849. 18 + 642 p.

Same. Second edition. London, 1851. 16 + 642 p. (*Encyclo-pædia metropolitana*.)

Same. New edition. London, 1860. 22 + 704 p.

Same. Fifth edition. Edinburgh, 1875. 24 + 860 p.

Class book of botany; introduction to the vegetable kingdom. London, 1852–4. 2 pts.

Same. Third edition. Edinburgh, 1871. 22 + [1172] p. + 1 pl.

Outlines of botany; introduction to structure, functions, classification and distribution of plants. Edin., 1854. 16 + 616 p.

Remarks on the ipecacuan plant, *cephaëlis ipecacuanha*, Rich., as cultivated in the Royal Botanic Garden, Edinburgh. Edinburgh, 1872. [10] p. + 2 pl. 2 copies.

See also Annals and magazine of natural history, ser. 2.

See also Edinburgh philosophical journal, 1855–6.

See also ROYAL BOTANIC GARDEN OF EDINBURGH, Report, 1878.

BALL (John). The modern practice of physic; method of treating disorders incident to the human body; their causes, etc.; with prescriptions. Second edition. London, 1762. 2 v.

BALLARD (Edward). On a localised outbreak of typhoid fever in Islington during July and August, 1870, traced to the use of impure milk; paper read before the Association of Medical officers of Health, [with preface by the president and secretaries]. London, 1871. 36 p. + 1 pl.

— & A. B. GARROD. Elements of *materia medica* and *therapeutics*. London, 1845. 2 + 34 + 448 p.

BALMAIN (William H.). Lessons on chemistry; fundamental principles and leading facts. London, 1844. 16 + 208 p.

Balsam, plant. ALPINUS (P.), *De balsamo dialogus*, 1718.

Balsam, resinous substance.

HIRSCHSOHN (E.), *Beiträge zur Chemie der wichtigeren Harze, Gummiharze und Balsame*, 1877.

— *Beiträge zur Chemie der wichtigeren Gummiharze, Harze und Balsame*, 1877–8.

WYSS (T.), *Über die Gewinnung des Perubalsams*, 1878.

Balsam of copaiba. THORN (J.), *Observations on gonorrhœa*, 1827.

Baltische Wochenschrift. *See DORPATER NATURFORSCHER-GESELLSCHAFT*, Sitzungsberichte, 1879.

Banbury.

BEESLEY (T.), *Botany and geology of the neighbourhood of Banbury*, 1841.

— *Sketch of the geology of the neighbourhood of Banbury*, 1872; [new ed.,] 1873.

— *On the geology of the eastern portion of the Banbury and Cheltenham Direct Railway*, [1877?].

BANGALORE PUBLIC GARDEN. Catalogue of plants; [by W. New, superintendent. Edinburgh, 1861.] 16 p., n. t.-p.

Banishment. AUCKLAND (W. EDEN, Baron), *History of New Holland*, with a discourse on banishment, 1787.

BANK OF ENGLAND, London. *See NEWLAND (A.)*, Life of N., with some account of the Bank, 1808.

Banking. KENNEDY (J.), *Paper versus gold money*, 2nd ed., 1847.

BANKS (Sir Joseph).

See ROXBURGH (W.), *Plants of Coromandel*, 1795–8.

See ROYAL SOCIETY OF LONDON, *Speech by J. B.*, 1780.

BARBER (George). *Pharmaceutical or medico-botanical map of the world, showing the habitats of medicinal plants and drugs*, [and] the mean annual temperature of the countries from whence they are obtained. London, [1870?].

BARCK (Haraldus). *On the foliation of trees.* (*In STILLINGFLEET, B.*, *Miscellaneous tracts*, 2nd ed., 1762, p. 131–58.)

BARETTI (Giuseppe).

New dictionary of the Italian and English languages, based upon that of B.; compiled by J. Davenport and G. Comelati. London, 1868. 2 v. *

See also NEUMAN (H.), *Dictionary of the Spanish and English languages*, by N. and B., new ed., 1867.

BARFF (Frederick S.).

Introduction to scientific chemistry. Third edition. London, 1871. 16 + 320 p.

Glass and silicates. (*In BEVAN, G. P.*, *British manufacturing industries*, 2nd ed., 1877, *Pottery, etc.*, p. 75–160.)

- BARHAM (Henry). *Hortus Americanus*: containing an account of the vegetable productions of South America and the West-India islands, particularly of Jamaica; with observations respecting their uses in medicine, diet, and mechanics; [edited by A. Aikman?]. Kingston, Jamaica, 1794. 8 + 248 p.
- BARKER (F.). *See KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND*, Observations on the Dublin pharmacopœia, with translation, by F. B., and W. F. Montgomery, 1830.
- BARNARD (John). *See PHARMACEUTICAL SOCIETY OF GT. BRITAIN*, Pharmaceutical journal and transactions, 1859–70.
- Barometer.** SAUL (E.), Historical and philosophical account of the barometer, 2nd ed., 1735.
- BARON (M.) *See LEMERY (N.)*, Cours de chymie, nouv. éd., 1756.
- Barracks.** UNITED STATES, SURGEON-GENERAL'S OFFICE, Reports on barracks, *etc.*, 1870.
- BARRESWIL (Charles). *See BARRESWIL (L. C. A.)*.
- BARRESWIL (Louis Charles Arthur).
See Journal de pharmacie et de chimie, 1850–8.
See SOCIETE CHIMIQUE DE PARIS, Repertoire de chimie appliquée, 1860–3;—Bulletin, 1864–7.
- BARRY (John Wolfe). Railway appliances; a description of details of railway construction subsequent to the completion of earthworks and structures, including a short notice of rolling stock. London, 1876. 14 + 300 + 4 p. (Text-books of science.)
- BARRY (T. D.). *See PAYEN (A.)*, Industrial chemistry, 1878.
- BARTHOLINUS (Erasmus). De figura nivis dissertatio. [6] + 42 p. + 1 pl. (*In BARTHOLINUS, T., De nivis usu, etc.*, 1661.)
- BARTHOLINUS (Thomas).
De nivis usu medico observationes variæ; accessit E. Bartholini De figura nivis dissertatio; cum operum authoris catalogo. Hafniæ, 1661. [24] + 240 + [6] + 42 + [16] p. + 1 pl.
Acta medica et philosophica Hafniensia. Hafniæ, 1673, '75, '80. v. 1–2, 5; pl.
- BARTLEY (George C. T.). Toys. (*In BEVAN, G. P., British manufacturing industries*, 2nd ed., 1877, Paper, *etc.*, p. 176–222.)
- Bases.** DALTON (J.), On ... acids, bases, and water, 1840–2.
- BASTELAER (A. D. VAN). Recherche d'un réactif spécial [acid picrique] propre à constater la pureté de la farine de riz, et y déceler un mélange quelconque de farine étrangère. Bruxelles, 1867. 12 p.
- BASTICK (William). *See Annals of pharmacy and practical chemistry*, edited by W. B., and W. Dickinson, 1852–4.
- Batavian pharmacopœia.** *See NETHERLANDS, Pharmacopœa Batava*, 1805.

BATE (George).

Pharmacopœia Bateana; accessit Orthotonia medicorum observata; item tabula posologica; curâ J. Shipton. Londini, 1688. 12 + 130 + 12 + 16 p.

Same. Editio tertia, cum [Arcanis Goddardianis et] appendice [a T. Fuller]. Londini, 1700. 8 + 4 + 286 p.

Eng. Pharmacopœia Bateana: or, B.'s dispensatory; translated from the Latin; containing his recipe's, the Arcana Goddardiana and their recipe's, with chymical processes, etc.; by W. Salmon. London, 1694. 16 + 984 p.

Same. Second edition. London, 1700. 16 + 760 p.

Same. Third edition. London, 1706. 14 + 760 p.

Same. Fourth edition. London, 1713. 16 + 756 p.

BATES (Joseph). *See Journal of materia medica, 1859–62, '67–76.*

BATH (Robert). Essay on the medical character; [with] medical commentaries and observations. [London, 17—?] 210 p.

BATH AND WEST OF ENGLAND SOCIETY FOR THE ENCOURAGEMENT OF AGRICULTURE, ARTS, MANUFACTURES AND COMMERCE. Catalogue of books belonging to the society; by C. P. Russell. London, 1864. 46 p. (*Appendix to Bath Royal Literary and Scientific Institution, Catalogue of library, 1879.*)

BATH ROYAL LITERARY AND SCIENTIFIC INSTITUTION. Catalogue of the library, compiled by C. P. Russell; [also] Catalogue of books belonging to the Bath and West of England Society ... of Agriculture, etc. Bath, 1879; [London, 1864]. 8 + 252 + 46 p.

Bath waters. FALCONER (W.), *Essay on the Bath waters, 1772.*

Bathing and Baths.

CULVERWELL (R. J.), Practical treatise on bathing, with observations on baths, 1829.

EBBESEN & HÖRBYE, Sulphureous bath at Sandefjord, 1862.

HAMBERG (N. P.), Om Marienbad dess bad, 1870.

— Undersökning af badgjytjan vid Marstrand, 1878.

— & B. M. LERSCH, Die Burtscheid. Thermen bei Aachen, [1861?]

HANCOCK (J.), Notice of the vapour bath, 1831.

KENTISH (R.), *Essay on sea-bathing, 1787.*

MACHELL (T.), Remarks on a [patent] shower-bath, 1826.

PEREYRA (E. L.), Des bains de mer d'Arcachon, 1853.

BATTLEY (Richard). Observations on the preparation of yellow bark, and other medicines: [senna, rhubarb, jalap, conium, opium]. London, [1838]. 8 p.

BATTY (R.). *See Medical and physical journal, 1800–8.*

BAUDELOCQUE (Jean Louis). Two memoirs on the Cesarean operation; translated from the French, with preface, notes, appendix and engravings, by J. Hull. Manchester, 1801. 4 + 240 p. + 6 pl.

BAUHIN (Caspar or Gaspard) or BAUHINUS.

Pinax theatri botanici, sive Index in Theophrasti, Dioscoridis, Plinii et botanicarum qui à seculo scripserunt, opera: plantarum circiter sex millium ab ipsis exhibitarum nomina cum earundem synonymiis et differentiis methodice secundum genera et species proponens. Basileæ, 1671. 24 + 540 p.

Prodromos theatri botanici in quo plantæ supra sexcentæ ab ipso primum descripta cum plurimis figuris proponuntur. Editio altera. Basileæ, 1671. 4 + 172 p.

BAUMÉ (Antoine).

Chymie expérimentale et raisonnée. Paris, 1773. 3 v., por., 12 pl.
Manual of chemistry; translated from the French of Beaumé [sic, by J. Aikin ?]. Second edition. London, 1786. 6 + 400 p.

BAVARIA. *Pharmakopoe für das Königreich Bayern; neue Bearbeitung, auf königlichen Befehl herausgegeben.* Zweite Auflage. München, 1859. 12 + 346 p.

BAXTER (Evan Buchanan). *See GARROD (A. B.), Essentials of materia medica and therapeutics, 4th ed., 1874; 6th ed., 1877.*

BAXTER (William H.).

See LOUDON (J. C.), Hortus Britannicus, new ed., 1850.

Bayern. *See BAVARIA, Pharmakopoe, 2e Aufl., 1859.*

BAYNES (Thomas Spencer).

See Encyclopædia Britannica, 9th ed., 1875-9.

BAZLEY (Thomas). Cotton as an element of industry. (*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of Gt. Exhibition, 2nd ser., 1853, p. 105-46.*)

BEALE (Lionel Smith).

How to work with the microscope. Lond., 1857-9. 2 pts., 28 pl.

Note.—Pt. 2 is entitled "Illustrations to How to work," etc.

Same. Fourth edition. London, 1868. 20 + 288 p. + 1 phot. + 69 pl. 2 copies.

Kidney diseases, urinary deposits, and calculous disorders; their nature and treatment. Third edition. London, 1869. 32 + 12 + 472 p. + 70 pl.

Disease germs; their nature and origin. Second edition. London, 1872. 25 + 476 p. + 28 pl.

Bioplasm: introduction to the study of physiology and medicine. London, 1872. 16 + 352 p.

Protoplasm; or, Matter and life; with some remarks upon the Confession of Strauss. Third edition. London, 1874. 18 + 392 p. + 16 col. pl.

On life and vital action in health and disease; Lumleian lectures. London, 1875. 4 + 114 p.

The machinery of life; a lecture. London, [1875 ?]. 52 p.

BEALE (Lionel Smith)—*continued.*

The microscope in medicine. Fourth edition. London, 1878,
[p. 1877]. 32 + 544 p. + 86 pl.

BEASLEY (Henry).

Pocket formulary, and synopsis of the British and foreign phar-
macopoeias. Second edition. London, 1842. 12 + 284 p.

S8me. Eighth edition. London, 1866. 12 + 584 p.

Same. Ninth edition. London, 1872. 12 + 548 p.

Same. Tenth edition [by J. Gardner]. Lond., 1877. 8 + 512 p.

Druggist's general receipt book: comprising a veterinary formu-
lary and *materia medica*, recipes in patent and proprietary
medicines, druggists' nostrums, perfumery and cosmetics,
beverages, dietetic articles, condiments, trade chemicals, etc.
Second edition. London, 1852. 8 + 460 p.

Same. Seventh edition. London, 1872. 8 + 504 p.

Same. Eighth edition [by J. Gardner]. Lond., 1878. 10 + 510 p.

Book of prescriptions, from the practice of physicians, English
and foreign; also a history of the *materia medica*, lists of doses,
and an index of diseases and remedies. Third edition. Lon-
don, 1865. 16 + 560 p.

Same. Fourth edition. London, 1872. 16 + 560 p.

BEAUMÉ. *See BAUMÉ (A.)*, Manual of Chemistry, 2nd ed., 1786.

Bebeeru.

MACLAGAN (D.), On the bebeeru tree of British Guiana, 1843.

— On the medical qualities of the bebeeru bark, 1843.

BECCARI (Jacopo Bartolommeo). *See WILSON (B.)*, Series of experi-
ments relating to phosphori, with translation of two memoirs by
J. B. B., 1775.

BECHER (Johann Joachim) or BECHERUS. *Actorum laboratorii
chymicæ Monacensis, seu Physicæ subterraneæ libri duo ; acces-
runt mille hypotheses seu mixtiones chymicæ, etc.* Francofurti,
1681. 22 + 820 p. + 1 pl.

BÉCHET jeune. *See CAZENAVE (A.)*, Appendice thérapeutique du
Codex, édité par B., 1841.

BECKER (Bernard H.). Scientific London. Lond., 1874. 8 + 340 p.

BECKMANN (Johann). History of inventions and discoveries;
translated from the German by W. Johnston. Third edition.
London, 1817. 4 v.

BEDDOES (Thomas).

Chemical experiments and opinions; extracted from a work [of
J. Mayow] published in the [17th] century. Oxford, 1790.
2 + 42 + 20 + 64 p. + 1 pl.

Notice of some observations made at the Medical Pneumatic In-
stitution, [Bristol]. London, 1799. 48 p.

BEDDOES (Thomas)—*continued.*

See also BERGMAN (T. O.), Physical and chemical essays, 1784;—Dissertation on elective attractions, 1785.

See also SCHEELE (C. W.), Chemical essays, 1786.

Beer. (*See also Alcoholic liquors;—Brewing.*)

DEUTSCHES BRAUERBUND, Die Herbstzeitlose im Bier, 1877.

DRAGENDORFF (G.), Über Nachweisung fremder Bitterstoffe im Biere, 1874; *Fr. Sur la recherche des substances amères*, 1874.

JUNDZILL (H.), Über die Ermittelung einiger Bitterstoffe, 1873.

KUBICKI (W.), Beiträge zur Ermittelung fremder Bitterstoffe im Biere, 1873.

MEYKE (W.), Beiträge zur Ermittelung einiger Hopfen-Surrogate im Biere, 1878.

MULDER (G. J.), De la bière, 3me éd., 1865.

PASTEUR (L.), Études sur la bière, 1876.—*Eng., Studies*, 1879.

SOCIÉTÉ DE MÉDECINE DE GAND, Rapport sur les inconvénients que présentent les tuyaux en plomb pour l'aspiration de la bière, [par une] commission, Morel, rapporteur, 1877.

BEESLEY (Thomas).

Botany and geology of the neighbourhood of Banbury. [Banbury?], 1841. [36] p., few ms. notes.

Sketch of the geology of the neighbourhood of Banbury. Banbury, 1872. 16 p.

Same. [Second edit.? Warwick printed], 1873. 24 p., n. t.-p.

Lias of Fenny Compton, Warwickshire. Banbury, [1877]. 16 p.

On the geology of the eastern portion of the Banbury and Cheltenham Direct Railway. [London, 1877?] 2 + 22 p.

BEGUIN (Jean) or BEGUINUS. Tyrocinium chymicum: or, Chymical essays. London, 1669. 12 + 140 p.

Bela. *See Bael.*

BELANGER (Ch.). Essais de culture du quinquina à la Martinique. [Paris, 1870.] 8 p., n. t.-p.

BELGIUM. Pharmacopœa Belgica nova. Bruxelles, 1854. 12 + 24 + 376 + 10 + 28 + 446 + 4 p.

Note.—This edition was prepared by the Académie de médecine; the text is in Latin and French, in separate parts.

BELL (Sir Charles).

The hand; its mechanism and vital endowments as evincing design. London, 1833. 16 + 288 p. (Bridgewater treatises, 4.)

See also PALEY (W.), Natural theology illustr. with notes, 1835.

BELL (Jacob). Concise historical sketch of the progress of pharmacy in Great Britain, from its partial separation from the practice of medicine until the establishment of the Pharmaceutical Society; an introduction to the Pharm. journal. London, 1843. 108 p.

BELL (Jacob)—*continued.*

Chemical and pharmaceutical processes and products. (*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of the Great Exhibition, 1st ser., 1852, p. 133–56.*)

See also PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Pharmaceutical journal and transactions, 1841–59.

BELL (Thomas). *See LINNEAN SOCIETY OF LONDON, Address of T. B., president, 1855–7.*

BELLINGHAM (O'Bryen). Elements of *materia medica* and *pharmacy*; edited by A. Mitchell. Dublin, 1841. Pt. 1, 8 + 302 p.

BELL'S edition of the poets of Great Britain, from Chaucer to Churchill. *See CHAUCER (G.), Poetical works, 1782, v. 6.*

BENGAL. GOVERNMENT.

Bengal dispensatory and companion to the *pharmacopœia*; [edited] by W. B. O'Shaughnessy. London, 1842. 24 + 794 p. + 9 pl.

Bengal *pharmacopœia*, and general conspectus of medicinal plants; edited by W. B. O'Shaughnessy. Calcutta, 1844. 10 + 454 p.

—. MEDICAL DEPARTMENT?

Indigenous drugs of India; alphabetical list, by K. L. Dey. [Calcutta, 1877?] 22 p., n. t.-p.

[Report of the Chemical Examiner's Department for 1877–8, by K. L. Dey, to the Surgeon-General; Letter from the Surgeon-General to the Judicial Department; Resolution by the Medical Department. Calcutta, 1878?] 2 + 12 p., n. t.-p.

BENÍTES (José María). *Principios para la materia médica del país [Venezuela] en forma de diccionario.* Segunda edición, con una noticia biográfica del autor y un apéndice por [G.?] A. Ernst. Caracas, 1869. 60 + 4 p.

BENNETT (Alfred William).

See SACHS (J.), Text-book of botany, 1875.

See SAUNDERS (W. W.), W. G. SMITH, & A. W. B., Mycological illustrations, hymenomycetous fungi, 1871–2.

See THOMÉ (O. W.), Text-book of botany, 1877.

BENNETT (John Hughes). Treatise on the *oleum jecoris aselli*, or cod liver oil, as a therapeutic agent in certain forms of gout, rheumatism, and scrofula, with cases. London, 1841. 180 p.

BENNETT (John Joseph). *See LINNEAN SOCIETY OF LONDON, Address of T. Bell, obituary notices by J. J. B., 1855–7.*

BENTHAM (George).

Handbook of the British flora; a description of the flowering plants and ferns [of] the British isles; [with Outlines of elementary botany]. London, 1858. 16 + 656 p.

Same. [Another edition]; with illustrations from drawings by W. Fitch. London, 1865. 2 v.

BENTHAM (George)—*continued.*

[Outlines of elementary botany.] (*In his Handbook of the British flora, 1858; 1865; In Gt. BRITAIN & IRELAND, COLONIAL OFFICE, Flora Hongkongensis, 1861;—BENTHAM & F. v. MÜLLER, Flora Australiensis, 1863, v. 1;—Gt. BRITAIN & IRELAND, COMMISSIONERS OF WORKS, Flora of tropical Africa, 1868, v. 1;—Gt. BRITAIN & IRELAND, INDIA OFFICE, Flora of British India, 1872, v. 1;—MAURITIUS, COLONIAL GOVERNMENT, Flora of Mauritius, 1877.*)

Revision of the genus cassia. [Lond., 1871.] [90] p. + 4 pl., *n.t.-p.*
See also Gt. BRITAIN & IRELAND, COLONIAL OFFICE, Flora Hongkongensis, by G. Bentham, 1861.

See also HOOKER (W. J.), Niger flora, including Flora Nigritiana, by J. D. Hooker and G. B., 1849.

— & J. D. HOOKER. Genera plantarum ad exemplaria imprimis in herbariis Kewensibus servata definita. Londini, 1862–76. V. 1–2.
— & F. v. MÜLLER. Flora Australiensis: a description of the plants of the Australian territory; [with B.'s Outlines of botany]; published under the authority of the several governments of the Australian colonies. London, 1863–78. 7 v.

BENTLEY (Robert).

Manual of botany: structure, functions, classification, properties, and uses of plants. London, 1861. 30 + 812 p.

Same. Second edition. London, 1870. 32 + 832 p. 3 copies.

Same. Third edition. London, 1873. 32 + 816 p. 2 copies.

Botany. London, S.P.C.K., 1875. 128 p. (Manuals of elementary science.)

See also KING'S COLLEGE, LONDON, On the advantages of botany to the student of medicine, 1860;—Sketch of the studies of the medical student, 1861.

See also PEREIRA (J.), Elem. of materia medica, 1865; 1872; 1874.

See also PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Pharmaceutical journal and transactions, 1859–70.

— & H. TRIMEN. Medicinal plants: being descriptions with original figures of the principal plants employed in medicine, and an account of their properties and uses. London, 1875–80. 42 pts., 306 col. pl. *

BÉRAL (P. J.).

Nomenclature et classification pharmaceutiques, accompagnées d'une nouvelle méthode de formuler, et de formules, etc. Paris, 1830. 164 p. + 2 tab.

See also Journal de chimie médicale, etc., 1839–47.

BERG (Otto Carl).

Pharmazeutische Waarenkunde. Berlin, 1858. Theil 2.

BERG (Otto Carl)—*continued.*

Pharmazeutische Waarenkunde—*continued.*

Same. Dritte Auflage. Berlin, 1863. Theil 1.

Anatomischer Atlas zur pharmazeutischen Waarenkunde. Berlin, 1865. 4 + 105 p. + 50 pl. *

Pharmazeutische Botanik. Fünfte Aufl. Ber., 1866. 8 + 458 p.

Charakteristik der für die Arzneikunde und Technik wichtigsten Pflanzen-Gattungen, oder Atlas zur pharmazeutischen Botanik. Zweite Auflage. Berlin, 1861. 4 + 116 p. + 100 pl. *

— & C. F. SCHMIDT. Darstellung und Beschreibung sämmtlicher in der Pharmacopœa borussica aufgeführten offizinellen Gewächse, oder der Stoffe welche von ihnen in Anwendung kommen. Leipzig, [1858–63]. 4 Bd., 196 col. pl., 8 uncol. pl. *

BERG (Theodor). Zur Kenntniss des in der Cetraria islandica vorkommenden Lichenins und jodbläuenden Stoffes; [Dissert.]. Dorpat, 1872. 42 p. (Kaiserliche Universität Dorpat.)

Bergamo. See COLLEGIUM MEDIC. BERGOMENSE, Pharmacopœa, 1580.

Bergen. See SOCIÉTÉ D'ACCLIMATATION, Sur l'exposition internationale de produits et engins de pêche, 1866.

BERGER (Alexander Mal.). Calendar of Flora, Upsal, 1755. (In STILLINGFLEET, B., Miscellaneous tracts, 2nd ed., 1762, p. 249–86.)

BERGIUS (Peter Jonas). Materia medica e regno vegetabili, sistens simplicia officinalia, pariter atque culinaria. Stockholmiae, 1778. 2 v.

Note.—With v. 1 of this work is a ms. letter in Latin, addressed to Sir Gilbert Blane, signed J. Resselius, dated Nov. 20, 1793.

BERGMAN (Torbern Olof).

Essay on the usefulness of chemistry; translated from the [Swedish]. London, 1784. 4 + 164 p.

Physical and chemical essays; translated from the Latin [with notes, etc.], by E. Cullen, [also notes by Guyton de Morveau and T. Beddoes?]. London, 1784. V. 1–2, 5 pl., 1 tab.

Same. [Another ed.] Lond., 1788. V. 1–2, 5 pl., 1 tab. 2 copies.

Same. Edinburgh, 1791. V. 3.

Dissertation on elective attractions; translated from the Latin by [T. Beddoes]. London, 1785. 16 + 384 p. + 7 tab. 2 copies.

See also SCHEELE (C. W.), Chemical observ. on air and fire, 1780.

Berichte vom Felde der pharmazeutischen Literatur, [1–4er Jahresb.]

See BRANDES (R.), 1822–6.

BERKELEY (Rt. Rev. George), *Bp. of Cloyne.*

Siris: philosophical reflexions and inquiries concerning the virtues of tar water, etc. Second edition. Lond., 1744. 176 p.

Letter to T[homas] P[rior], containing farther remarks on tar-water; [with] an answer to a supposed physician's letter. London, 1744. 2 + 28 p.

BERKELEY (*Rev. Miles Joseph*).

Introduction to cryptogamic botany. London, 1857. 10 + 604 p.

(Library of illustrated standard scientific works.)

See also COOKE (M. C.), Fungi, 2nd ed., 1875.

See also GRIFFITH (J. W.) & A. HENFREY, Micrographic dictionary, 3rd ed., 1875.

See also SMITH (Ja. E.), English flora, 1836, v. 5, pt. 2.

BERKENHOUT (John). Pharmacopœia medici. London, 1768. 12 + 132 p.

Berlin. *See COLLEGIUM MEDICUM ET SANITATIS*.

See also DEUTSCHE CHEMISCHE GESELLSCHAFT ZU BERLIN.

[Berlinisches Jahrbuch für die Pharmacie; Namen- und Sach-Register. Berlin, 1809-23.] 2 Bd.

Note.—These include Bd. 9-14 and 15-24 of the "Berl. Jahrb." or Bd. 1-6 and 7-16 of the "Neues berl. Jahrb." With the first part are the t.-p., pref., and index of Bd. 14 of the "Berl. Jahrb." or Bd. 6 of the "Neues berl. J." ; there is no separate t.-p. to either pt. of the index.

BERNARD (Claude). *See Journal de pharm. et de chimie*, 1849-57.

BERNAFDIN (M.). Classification de 250 féculles. Gand, 1876. 28 p.

BERNAYS (Adolphus). Familiar German exercises and key. New edition. London, 1833. 14 + 186 + 70 p. + 5 lith. pl.

BERNAYS (Albert James). Notes for students in chemistry. Fifth edition. London, 1870. 6 + 122 p.

BERTHELOT (Marcelin Pierre Eugène ?) *See Annales de chimie et de physique*, 5me sér.

BERTHIER (P[ierre ?]). Traité des essais par la voie sèche; ou des propriétés, de la composition, et de l'essai des substances métalliques et des combustibles. Paris, 1834. 2 v., 13 pl.

BERTHOLLET (Claude Louis).

Elements of the art of dyeing; translated from the French by W. Hamilton. London, 1791. 2 v., 1 pl.

Researches into the laws of chemical affinity; translated from the French by M. Farrell. London, 1804. 8 + 214 p.

See also Annales de chimie.

BERTIN (A. ?). *See Annales de chimie et de physique*, 3-4 sér.

BERZELIUS (Jöns Jakob).

View of the progress and present state of animal chemistry; tr. from the Swedish by G. Brunnmark. Lond., 1818. 8 + 116 p.

Traité de chimie; traduit par A. J. L. Jourdan [et M. Esslinger], sur des mss. inédits et sur la dernière édition allemande. Paris, 1829-33. 8 v., 13 pl., 1 tab.

Same. [Nouvelle édition.] Bruxelles, 1840. 8 v., 8 pl.

Analysis of inorganic bodies; translated from the French by G. O. Rees. London, 1833. 8 + 164 p. + 1 tab.

Bethnal Green Branch Museum. *See* GREAT BRITAIN AND IRELAND, COMMITTEE OF COUNCIL ON EDUCATION.

BETTON (Thomas R.). *See* REGNAULT (H. V.), Elements of chemistry, translated, 1852.

Betula alba. DRAGENDORFF (G.), Chemische Untersuchung über einen an der Betula alba ... vorkommenden Pilz, 1864.

BEVAN (G. Phillips).

Industrial classes and industrial statistics. London, 1876. [V. 1], 2 col. maps. (British manufacturing industries.)

Contents.—Mining, Metals, Chemicals, Ceramics, Glass, and Paper.

British manufacturing industries. Second edition. London, 1876–8. 12 v., pl.

Iron and steel, by W. M. Williams ; Copper smelting, by J. A. Phillips ; Brass founding, tin plate and zinc working, by W. Graham. 1876.

Acids, alkalies, soap, and minor chemical products, by [A. H.] Church ;

Oils and candles, by W. M. Williams ; Gas and lighting, by R. H. Patterson. 1877.

Hosiery and lace, by W. Felkin ; Carpets, by C. Dresser ; Dyeing and bleaching, by T. Sims. 1877.

Paper, by [T. C.] Archer ; Printing, by J. Hatton ; Bookbinding, by H. F. Wood ; Engraving, by S. [T.] Davenport ; Photography, by P. Le N. Foster ; Toys, by G. C. T. Bartley. 1877.

Pottery, by L. Arnoux ; Glass and silicates, by [F. S.] Barff ; Furniture and woodwork, by J. H. Pollen. 1877.

Ship-building, by B. Pim ; Telegraphy, by R. Sabine ; Agricultural machinery, by [J.] Wrightson ; Railways, and Tramways, by D. K. Clark. 1877.

Tobacco, by J. Dunning ; Hides and leather, Gutta-percha, and India-rubber, by J. Collins ; Fibres and cordage, by P. L. Simmonds. 1877.

Wool, and its applications, by [T. C.] Archer ; Flax, and Linen, by W. T. Charley ; Cotton, by I. Watts [15 pl.] ; Silk, by B. F. Cobb. 1877.

[Birmingham trades] : Guns, Nails, Locks, Wood screws, Railway bolts and spikes, Buttons, Pins, Needles, Saddlery, and Electroplate, by W. C. Aitken ; Pens and papier mâché, Ammunition—percussion caps and cartridges, Anchors and chain cables, by G. Lindsey. 1878.

Jewellery, by G. Wallis ; Gold working, by C. Bouttell ; Watches and clocks, by F. J. Britten ; Musical instruments, by E. F. Rimbault ; Cutlery, by F. Callis. 1878.

Metallic mining and Collieries, by W. W. Smyth ; Coal, by A. Galletly ; [Quarries and] Building stones, by [E.] Hull ; Explosive compounds, by W. M. Williams. 1878.

Salt, Preservation of food, Bread and biscuits, by J. J. Manley ; Sugar refining, by C. H. Gill ; Butter and cheese, by M. Evans ; Brewing, Distilling, by T. A. Pooley. 1878.

Beverages. *See* Food.

BEYERSTEIN (Joannes Georgius). Obstacles to the improvement of physic. (*In* STILLINGFLEET, B., Miscellaneous tracts, 2nd ed., 1762, p. 201–27.)

BEWICK (Thomas). *See* THORNTON (R. J.), New fam. herbal, 1810.

B^{GR.} (I.). *See ROYAL COLLEGE OF PHYSICIANS OF LONDON, Statutes, [the base, dishonourable and illegal dealing of the Colledge]*, 1693.
BIBERG (Isaacus J.). *Œconomy of nature. (In STILLINGFLEET, B., Miscellaneous tracts, 2nd ed., 1762, p. 37-129.)*

Bible.

Holy Bible, containing the old and new testaments, [with marginal references]. London, 1839.

Same. With explanatory notes and references, by T. Scott.
New edition. London, 1844. 6 v., 84 pl.

Selectæ è veteri testamento historiæ ; ad usum eorum qui Latinæ linguæ rudimentis imbuuntur. Editio nova. Etonæ, 1839.
10 + 158 p. 3 copies.

See also Declaration of students of the natural and physical sciences, [1865 ?].

Bibliography. (*See also Bookseller's catalogues;—Libraries.*)

AINSLIE (W.), Materia Indica, [with] list of oriental books connected with general science, 1826.

COOPER (W.), Catalogue of chymicall books, 1675[-88].

HAMBERG (N. P.), Svensk pharmaceutisk bibliographi, 1862.

POWER (J.), Handy-book about books, 1870.

PRITZEL (G. A.), Thesaurus literaturæ botanicæ, ed. nov., 1872[-7].*

SMITHSONIAN INSTITUTION, List of publications, 1877.

Title-slip registry, 1879.

WARING (E. J.), Bibliotheca therapeutica, 1878-9. *

Bibliothèque homœopathique. *See SOCIÉTÉ DE MÉDECINS, Geneva.*

BIET (L.). *See Annales de chimie, Table des v. 31-60, 1807.*

Bile and Biliary acid.

ARBRE (W. F. DE L'), Über die Verbindungen einzelner Alkalioide mit Gallensäuren, 1871.

HOENE (J.), Über die Anwesenheit der Gallensäuren in physiologischen Harne, 1873.

PAQUELIN (C.) & L. JOLLY, Contribution à l'étude des phénomènes nutritifs, analyse comparative ... de la bile, 1875.

BILLINGS (John S.).

See Index medicus, 1879.

See UNITED STATES, SURGEON GENERAL'S OFFICE, Report on barracks, etc., 1870;—Report on hygiene, etc., 1875.

BINNEY (Rev. Thomas). *See TODD (J.), Student's manual, [187-?].*

BINZ (C.). Das Chinin; nach den neuern pharmakologischen Arbeiten dargestellt. Berlin, 1875. 4 + 76 p.

Biography. (*See also in Encyclopædia Brit. ; Popular encyclop.*)

ALLEN (W.), Life, with correspondence, 1846-7.

— Memoir, by J. Sherman, 1851.

BENÍTES (J. M.), Principios ..., noticia biog. por A. Ernst, 1869.

Biography—continued.

- BLYTT (M. N.), *Parole in morte*, da F. Parlatore, 1863.
- BROWN (R.), R. B., akademische Denkrede, von Martius, 1859.
- BRUNFELS (O.), O. B., von F. A. Flückiger, 1878.
- CAVENDISH (H.), Life, papers, etc., by G. Wilson, 1851.
- CHAMBERS (R. & W.), Memoir, etc., 5th ed., 1872.
- CHINCHON (*Lady Ana de OSORIO, Countess of*), Memoir, by C. R. Markham, 1874.
- CROSSE (A.), Memorials, [by C. A. H. Crosse,] 1857.
- DALTON (J.), Memoirs, by W. C. Henry, 1854.
- Memoir, by R. A. Smith, 1856.
- DAVY (H.), Collected works, ed. by J. Davy, 1839–40, v. 1 (*see*).
- EDWARD (T.), Life of Scotch naturalist, by S. Smiles, 2nd ed., 1877.
- EULER (L.), Letters ..., tr. by H. Hunter, with [elogium], 1795.
- FARADAY (M.), F. as a discoverer, by J. Tyndall, 1868.
- Life and letters of F., by H. B. Jones, 1870.
- M. F., by J. H. Gladstone, 1872.
- FUCHS (J. N. v.), *Gesammelten Schriften*, redigirt und mit einem Nekrologie versehen von C. G. Kaiser, 1856.
- GERARD (J.), Catalogue ..., with life, by B. D. Jackson, 1876.
- GUIBOURT (N. J. B. G.), *Histoire des drogues*, 7me éd., avec éloge par H. Buignet, 1876.
- HANBURY (D.), Science papers, ed., with memoir, by J. Ince, 1876.
- D. H., Nekrolog, [von F. A. Flückiger], 1875;—*Eng.*, 1876.
- D. H., [af N. P. Hamberg], 1875.
- HUNTER (J.), Memoirs, by J. Adams, 2nd ed., 1818.
- HUSAIN IBN ÂBD ALLAH or AVICENNA, *Avicennæ liber canonis*, [item Avicennæ vita ex Sorsano à N. Massa], 1555.
- LETTSOM (J. C.), Memoirs, by T. J. Pettigrew, 1817.
- LIEBIG (J. v.), Life-work, by A. W. Hofmann, 1876.
- MONTAGNE (P. C.), C. M., botaniste, par P. A. Cap, 1866.
- NEWLAND (A.), Life, 1808.
- PIRES (T.). *See SILVA (P. J. DA)*, [Historia da pharmacia portugueza], Elogio historico e noticia completa de T. P., 1866.
- ROYAL COLLEGE OF PHYSICIANS OF LONDON, Roll, comprising sketches of physicians, from 1518 to 1825, by W. Munk, 2nd ed., 1878.
- SCHEELE (C. W.), S., chimiste suédois, par P. A. Cap, 1863.
- SEEMANN (B.), *Flora Vitiensis*, with [biograph. sketch], 1865–73.
- WATERTON (C.), Essays, with autobiography, 2nd ed., 1838.
- WATT (Ja.). *See LARDNER (D.)*, The steam-engine, 7th ed., 1840.
- WIGHT (R.), Obituary notice by H. [F. C.] Cleghorn, 1873.
- WRIGHT (W.), Memoir, correspondence, and papers, 1828.
- Biology.** (*See also Botany;—Physiology;—Zoology.*)
- GODMAN (F. D.) & O. SALVIN, *Biologia Centrali-Americanana*, [1879].*

Biology—continued.

- HUXLEY (T. H.) & H. N. MARTIN, Course of elementary instruction in practical biology, new ed., 1879.
- Journal of science, and annals of biology, etc., 1879.
- Natural history review, 1861–2.
- NICHOLSON (H. A.), Introduction to biology, 1872.
- PAQUELIN (C.) & L. JOLLY, Études de biologie, 1875.
- SMEE (A.), Elements of electro-biology, 1849.
- Bioplasm.** — BEALE (L. S.), Bioplasm, 1872.
- BIOT (Jean Baptiste). Traité de physique expérimentale et mathématique. Paris, 1816. 4 v., 22 pl.
- BIRD (Golding) & C. BROOKE.
Elem. of natural philosophy. Fourth edit. Lond., 1854. 18 + 626 p.
Same. Sixth edit.; third by Brooke. London, 1867. 34 + 852 p.
- BIRD (James). Medicinal and economic properties of charcoal; with remarks on its use in chronic affections of the stomach and bowels. London, 1855. 2 + 82 p.
- BIRDWOOD (George). On the genus Boswellia, with descriptions and figures of three new species. [London, 1871?] [38] p. + 3 pl., n. t.-p.
- BIRKETT (Edmund Lloyd). See THOMSON (A. T.), Conspectus adapted to British pharmacopoeia, new ed., 1874.
- BIRKMYRE (William). See VICTORIA, VICTORIAN EXHIBITION, 1861, Catalogue, with essays;—Die Colonie Victoria;—Essais divers.
- Birmingham.**
See CHEMISTS AND DRUGGISTS' TRADE ASSOC. OF GREAT BRITAIN.
See QUEEN'S HOSPITAL.
- BIRMINGHAM FREE LIBRARIES, ART GALLERY AND MUSEUM. Annual report of the Committee, 1871 [-3; 1876–7]. Birmingham, [1872–4; 1877–8]. 5 pam.
- Birmingham trades.** See BEVAN (G. P.), British manufacturing industries, 2nd ed., 1878.
- BISCHOF (Gustav). Elements of chemical and physical geology; translated [in part] from the ms. of the author, by B. H. Paul and J. Drummond. London, 1854–9. 3 v. (Cavendish Soc.)
Note.—V. 1 is by Paul and Drummond, v. 2–3 are by Paul alone.
- Biscuits.** MANLEY (J. J.), Salt, Bread and biscuits, 2nd ed., 1878.
- Bismuth.** Löwy (J.), Werthbestimmung des Wismuths und des kaüflichen Magisterium Bismuthi, 1877.
- Bismuth and ammonia, Citrate of.** SQUIBB (E. R.), Notes, 1873.
- Bitters.** PERCIVAL (T.), Essays medical and experimental, 1767.
- BJÖRKLUND (G. A.) & G. DRAGENDORFF. Chemische Untersuchung des Wurzelstockes und Krautes der Saracenia purpurea. St. Petersburg, 1863. 4 + 26 p.

BLACK (Adam & Charles), *publishers.* B.'s general atlas of the world. New edition. Edin., 1873. 32 + 70 p. + 54 pl. and maps. *

BLACK (Donald Campbell). Address on certain aspects of medical reform. Glasgow, 1870. 20 p.

BLACK (Joseph).

Lectures on chemistry, 1773–4. 4 v. ms. *

Experiments upon magnesia alba, quick-lime, and other alkaline substances, by J. B.; [with] Essay on the cold produced by evaporating fluids, and of some other means of producing cold, by W. Cullen. Edinburgh, 1777. 2 + 134 p.

BLACKIE (W. G.). Imperial gazetteer; general dictionary of geography, physical, political, statistical, and descriptive; [with abstract of the census of the United Kingdom of 1851]. Glasgow, 1860. 2 v., 2 pl. *

BLACKWELL (S. H.) Iron-making resources of the United Kingdom. (*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of the Great Exhibition, 2nd ser., 1853, p. 147–83.*)

Bladder, Stone in the. *See Calculi.*

BLAINE (Delabere). Outlines of the veterinary art; treatise on diseases of the horse, neat cattle, and sheep. Fifth edition. London, 1841. 16 + 644 p. + 9 pl.

BLANCARDUS (Stephanus). *See BLANKAART (S.).*

BLANE (Sir Gilbert).

Elements of medical logic, illustrated by proofs and examples. Second edition. London, 1821. 8 + 280 p.

See also BERGIUS (P. J.), Materia medica, 1778, Note.

BLANKAART (Stephanus) or BLANCARDUS. Lexicon medicum renovatum. Editio novissima. Lugduni Batavorum, 1735. 14 + 1148 p. + por. + 4 pl.

Bleaching and Bleaching substances.

HIGGINS (W.), Essay on theory and practice of bleaching, 1799.

PACKER (T.), Dyer's guide, mode of bleaching, etc., 1816.

SIMS (T.), Dyeing and bleaching, 2nd ed., 1877.

Theory and practice of bleaching with oxymuriatic acid, 1819.

URE (A.), Chemistry simplified, testing of ble. substances, 1844.

BLEASDALE (Rev. John J.). On gems and precious stones found in Victoria. Melbourne, 1867. 12 p. (Intercolon. Exhib. essays.)

BLEY (Ludwig Franz).

See ALLGEMEINER DEUTSCHER APOTHEKER-CONGRESS, Bericht, 1848.

See DEUTSCHER APOTHEKER-VEREIN, Archiv der Pharm., 1843–67.

See GEISELER (T.), C. HERZOG & A. WILMS, Betrachtungen über deutschen Pharmacie, Gratulationsschrift dem Dr. B., 1867.

Blindness. *See Eye.*

Blisters. PERCIVAL (T.), Essays medical and experimental, 1767.

Blood.

- CHEVALLIER (J. B. A.), *Du sang, ses caractères, etc.*, 1839.
- COLBORNE (R.), *Complete English dispensatory, containing history of the circulation of the blood*, 1756.
- LEARED (A.), *On the sounds caused by circulation*, 1861.
- LEWIS (T. R.), *On a hæmatozoon inhabiting human blood*, 1872.
- *Pathological significance of nematode hæmatozoa*, 1874.
- PAQUELIN (C.) & L. JOLLY, *Contribution à l'étude des phénomènes nutritifs, [analyse comparative des sanguis artér. et vein.]*, 1875.
- REES (G. O.), *On the analysis of blood and urine*, [1836 ?].
- SCHWARTZ (V.), *Über forensisch chemische Nachweisung von Blut in wässrigen Flüssigkeiten*, 1876.

Bloomsbury. DOBIE (R.), *History*, 2nd ed., 1834.

Blowpipe.

- CRONSTEDT (A. F.), *Essay towards ... mineralogy, with treatise on the blowpipe by G. v. Engeström*, 2nd ed., 1788.
- GRIFFIN (J.), *Practical treatise on the use of the blowpipe*, 1827.
- LANDAUER (J.), *Blowpipe analysis*, Eng. ed., 1879.
- PLATTNER (C. F.), *Use of the blowpipe*, 2nd ed., 1850.
- *Manual of analysis with the blowpipe*, 1875.
- BLOXAM (Dr.). *Collection of receipts in physic, with some in surgery ; [also,] by the editor, a general account of the operations of medicines, etc.* Second edition. London, 1754. 4 + 12 + 116 p.
- BLOXAM (Charles Loudon).

Chemistry, inorganic and organic, with experiments. London, 1867. 24 + 676 p.

Same. Second edition. London, 1872. 28 + 666 p.

Same. Third edition. London, 1875. 24 + 672 p.

Laboratory teaching : or, Progressive exercises in practical chemistry. London, 1869. 20 + 228 p.

Same. Second edition. London, 1871. 24 + 232 p.

Same. Third edition. London, 1874. 24 + 244 p.

See also ABEL (F. A.) & C. L. B., *Handbook of chemistry*, 1854.

See also BOWMAN (J. E.), *Introduction to practical chemistry*, 4th ed., 1861 ; 5th ed., 1866 ; 6th ed., 1871 ;—*Practical handbook of medical chemistry*, 4th ed., 1862.

BLUMBERG (Theodor). *Ein Beitrag zur Kenntniss der Mutterkorn-Alkaloide*; Diss. Dorpat, 1878. 46 p. (Kaiserl. Univ. Dorp.)

BLUMENBACH (Johann Friedrich). *Manual of comparative anatomy*; transl. from the German, with notes, by W. Lawrence. Second edition, by W. Coulson. London, 1827. 4 + 56 + 380 p. + 8 pl.

BLYTH (Alexander Wynter). *Manual of practical chemistry : the analysis of foods and the detection of poisons.* London, 1879. 20 + 468 p. + 1 pl. + 2 tab.

BLYTH (John). *See LIEBIG (J. v.), Familiar letters on chemistry, 4th ed, 1859 ;—Letters on modern agriculture, 1859.*

BLYTT (Matthias Numsen). *Parole in morte di Matteo B., da F. Parlatore. Firenze, 1863. 8 p.*

BOCQUILLON (Henri). *See BAILLON (H. E.), Dict. de botan., 1876—9.*

BOERHAAVE (Hermann).

Praxis medica Boerhaaveana, a body of prescriptions adapted to the Aphorisms of B., from the original ms. ; [with] Methodus præscribendi formulas, secundum A. Pitcairnium ; [edited by R. T.]. London, 1716. 12 + 136 p.

Libellus de materie medica et remediorum formulis quæ serviunt Aphorismis de cognoscendis et curandis morbis. Lugduni Batavorum, 1719. 12 + 304 p.

Eng. Treatise of the materia medica and forms of medicines ; transl. from the Latin. London, 1739. 2 + 8 + 246 + 30 p.

Eng. Materia medica : a series of prescriptions ; translated from the Latin. London, 1741. 8 + 208 + 32 p. 3 copies.

New method of chemistry ; translated from the [Latin of Elementa chemiæ], by P. Shaw and E. Chambers, with notes. London, 1727. 16 + 384 + 336 p. + 2 pl.

Same. Translated, [with] notes, and appendix shewing the necessity and utility of enlarging the bounds of chemistry, by P. Shaw. Second edition. London, 1741. 2 v., 18 pl. 2 copies.

Note.—One copy wants the frontispiece.

Same. Third edition. London, 1753. 2 v., 17 pl.

Elements of chemistry ; translated from the Latin by T. Dallowe. London, 1735. 2 v., 17 pl. ; v. 2 interleaved.

Academical lectures on the theory of physic ; a translation [from the Latin ?] of his Institutes, and explanatory comment. London, 1743—6. V. 2—5.

Commentaries upon the Aphorisms of B. concerning diseases, by G. van Swieten, [with text] ; translated [from the Latin]. London, 1744—65. V. 1—14, pl.

BOINVILLIERS (J. E. J. F.) *See LALLEMANT (MM.), Dictionnaire universel, françois-latin, corrigé par B., 12me éd., 1811.*

BOISSIER DE SAUVAGES (François).

Nosologia methodica, sistens morborum classes, genera et species, juxta Sydenhami mentem et botanicorum ordinem. Amstelodami, 1763. 3 v. in 5, 1 pl.

See also CULLEN (W.), Nosology, 1800.

Boldo. VERNE (C.), *Étude sur le boldo, 1874.*

BOLLES (William P.). *See MASSACHUSETTS COLLEGE OF PHARMACY, Address by T. S. Hunt, valedictory by B., 1875.*

Bombay. *See MEDICAL AND PHYSICAL SOCIETY OF BOMBAY.*

BONAPARTE (*Prince Charles Jules Laurent Lucien*). Observations on the state of zoology in Europe, as regards the vertebrata; translated by H. E. Strickland. (*In RAY SOCIETY, Reports on zoology*, 1845, p. 1–44.)

BONES, Human. MONRO sen. (A.), Anatomy, 8th ed., 1768.

BONIFACE (Antoine Alexandre). Dictionnaire français-anglais et anglais-français. Dixième édition. Paris, 1839. 2 v.*

BONN (A. William).

Catechism of the decimal Albert and metric systems of weights, measures, and coins. London, 1869. 16 + 24 p.

Great Britain's new proposed decimal Albert system of weights, measures, and coins, compared with the French metric system. London, 1869. 12 p. + p. 1–12; p. 13 to end wanting.

BONPLAND (Aimé). See HUMBOLDT (F. H. A. v.) & A. B., Plantes équinoxiales, 1808–9.

BONTIUS (Jacobus). De medicina Indorum. Lugduni Bat., 1718. 112 p. (*In ALPINUS, P., Medicina Ægyptiorum*, ed. nova, 1719.)

Bookbinding. WOOD (H. F.), Bookbinding, 2nd ed., 1877.

Books. See Bibliography;—Bookseller's catalogues;—Libraries.

Bookseller's catalogues. QUARITCH (B.), 1868; 1877.

BOOTH (James C.). See REGNAULT (H. V.), Elements of chemistry, edited by J. C. B., 1852.

— & C. MORFIT. Report on recent improvements in chemical arts. (*In SMITHSONIAN INSTITUTION, S. miscell. collections*, 1851.)

BOOTT (Francis). Two introductory lectures on materia medica. London, 1827. 4 + 70 p.

BORN (Ignatius, Baron v.). See BABINGTON (W.), New system of mineralogy, after Born, 1799.

Borocitric acid. SCHEIBE (E.), Darstellung und Beschreibung der Borcitronensäure und ihrer Salze, 1879.

BORSZCZOW (El.). Die pharmaceutisch-wichtigen Ferulaceen der aralo-caspischen Wüste, nebst Untersuchungen über die Abstammung der im Handel vorkommenden Gummiharze Asafctida, Ammoniacum und Galbanum. 2 + 40 p. + 8 pl. (*In ACADEMIE IMP. DES SCIENCES DE ST.-PETERSB.*, Mémoires, 1860, sér. 7, t. 3.)

BOSISTO (Joseph). See VICTORIA, PARLIAMENT, Report of the Wattle-Bark Board of Inquiry, 1878.

BOSTOCK (John).

See Annals of philosophy, 1818.

See GUY'S HOSPITAL, Syllabus of chemical lectures, 1822.

BOSTON, U.S.A. See MASSACHUSETTS COLLEGE OF PHARMACY.

BOSWELL (John T. Irvine B.), formerly J. T. B. SYME.

See BOTANICAL EXCHANGE CLUB, Report of curator, 1870; 1872.

See SOWERBY (Ja.), English botany, 3rd ed., 1863–72.

Boswellia.

BIRDWOOD (G.), On the genus *Boswellia*, [1871 ?].

COLEBROOKE (H. T.), On *Boswellia*, 1827.

Bot. CLARK (B.), Essay on the bots of horses, *etc.*, 1815–45.

BOTANICAL EXCHANGE CLUB. Report of the curator [J. B. Syme], and list of desiderata. London, 1870; 1872. 2 pamph.

BOTANICAL SOCIETY OF CANADA, *Kingston*.

Annals. [Kingston, 1860?]. V. 1, p. 1–60.

BOTANICAL SOCIETY OF EDINBURGH.

Transactions [and proceedings]. Edinburgh, 1844–78. V. 1–12; v. 13, pts. 1–2; pl.

Address delivered at the opening of the session 1869–70; by H. [F. C.] Cleghorn, president. Edinburgh, 1870. 26 p.

Botanischer Jahresbericht: systematisch geordnetes Repertorium der botanischer Literatur aller Länder; herausgegeben von L. Just; 1873 [–7]. Berlin, 1874–9. Bd. 1–5.

Botany. (*See also Agriculture;—Arboriculture;—Forests;—Horticulture; and various orders, genera, species and parts of plants, etc.*)

AITON (W.), *Hortus Kewensis*, 1789.

ALCOCK (R. H.), Botanical names for English readers, 1876.

[ALECHAMPS (J. d')], *Historia generalis plantarum*, 1586.

Annales des sciences naturelles, 1858–79.

Annals and magazine of natural history, 1851–79.

Annals of botany, editors, C. Konig and J. Sims, 1805–6.

ARCHER (T. C.), Popular economic botany, 1853.

ARTUS (W.), Hand-Atlas sämmtlicher medicinisch-pharmaceutischer Gewächse, 5e Aufl., 1876. *

BABINGTON (C. C.), Manual of British botany, 3rd ed., 1851; 4th ed., 1856; 7th ed., 1874.

— Flora of Cambridgeshire, 1860.

BAILLON (H. E.), Natural history of plants, 1871–8.

— Dictionnaire de botanique, 1876–9. *

BALFOUR (J. H.), Manual of botany, 1849; 2nd ed., 1851; new ed., 1860; 5th ed., 1875.

— Class book of botany, 1852–4; 3rd ed., 1871.

— Outlines of botany, 1854.

BARBER (G.), Pharmaceutical or medico-botan. map of world, 1870.

BARHAM (H.), *Hortus Americanus*, 1794.

BAUHIN (C.), *Pinax theatri botanici*, 1671.

— *Prodromos theatri botanici*, ed. altera, 1671.

BEESLEY (T.), Botany of the neighbourhood of Banbury, 1841.

BENGAL, GOVERNMENT, Bengal pharmacopœia, and conspectus of medicinal plants, 1844.

BENTHAM (G.), Handbook of British flora, 1858;—*illust. ed.*, 1865.

Botany—*continued.*

- BENTHAM (G.), [Outlines of elementary botany, 1858], *etc.*
— & F. v. MÜLLER, Flora Australiensis 1863–78.
— & J. D. HOOKER, Genera plantarum, 1862–76.
BENTLEY (R.), Manual of botany, 1861; 2 ed., 1870; 3 ed., 1873.
— Botany [elementary manual], 1875.
— & H. TRIMEN, Medicinal plants, 1875–80. *
- BERG (O. C.), Pharmazeutische Botanik, 5e Aufl., 1866.
— Charakteristik, oder Atlas zur pharm. Botanik, 2e Aufl., 1861. *
- & C. F. SCHMIDT, Darstellung und Beschreibung sämmtlicher in der Pharmacopœa borussica aufgeführten offizinellen Gewächse, 1858–63. *
- BERGER (A. M.), Calendar of Flora, 1755.
- BERKELEY (M. J.), Introduction to cryptogamic botany, 1857.
- BOTANICAL EXCHANGE CLUB, Report, 1870; 1872.
- BOTANICAL SOCIETY OF CANADA, Annals, 1860.
- BOTANICAL SOCIETY OF EDINBURGH, Transactions, 1844–78.
- Botanischer Jahresbericht, 1874–9.
- BOUTON (L.), Plantes médicinales de Maurice, 2me éd., 1864.
- BROWN (R.), Campst., Florula Discoana, ... Greenland, 1868.
— Manual of botany, anatomical and physiological, 1874.
- BRUNFELS (O.), Fragment zur Geschichte der Botanik, von F. A. Flückiger, 1878.
- BUCHOZ (P. J.), Herbier de la Chine, 1781. *
- BUEK (H. W.), Genera, species et synon. Candolleana, 1840–74. *
- BURMANN (J.), Thesaurus Zeylanicus, Catalogi duo plantarum Africanarum, 1737.
- CALIFORNIA, GEOLOGICAL SURVEY, Botany, 1876.
- CALVERT (F. C.) & E. FERRAND, Mémoire sur la végétation considérée sous le point de vue chimique, 1844.
- CANDOLLE (Alph. L. P. P. DE), Géographie botanique, 1855.
— & C. P. DE C., Monographiæ phanerogamarum, 1878. *
- CANDOLLE (Aug. P. DE), Regni vegetabilis systema nat., 1818–21.
— Prodromus systematis naturalis regni vegetabilis, 1824–73. *
- Organographie végétale, 1827.
— Botanicon Gallicum, ed. secunda, 1828–30.
— & K. SPRENGEL, Elements of the philosophy of plants, 1821.
- CLEGHORN (H. F. C.), General index ... Wight's Icones, 1856. *
— Notes on botany and agriculture of Malta and Sicily, 1870.
- COLES (W.), Adam in Eden, or Natures Paradise, 1657.
- COLLINS (J.), Study of economic botany considered, 1872.
- COOKE (M. C.), Manual of botanic terms, 2nd ed., 1873.
- CORNUTI (J. P.), Canadensium plantarum historia, cui adjectum est Enchiridion botanicum Parisiense, 1635.

Botany—continued.

- COULTAS (H.), *The plant, illust. of organic life of animal*, 1855.
 — *What may be learned from a tree*, 1860.
 CULPEPER (N.), *English physitian, [and herbal]*, 1656; [1798].
 DARBY (J.), *Botany of southern [United] States*, 1857.
 D[ARWIN] (R.W.), *Principia botanica, introd. to sexual bot.*, 1787.
 DECAISNE (J.) & C. NAUDIN, *Handbook of hardy trees, shrubs, and herbaceous plants*, by W. B. Hemsley, 1877.
 DESCOURTILZ (M. E.), *Flore médicale des Antilles*, 1821-8.*
Descriptions of plants, with impressions of leaves in oil, [17—?]*
 DONN (J.), *Hortus Cantabrigiensis*, 12th ed., 1831.
 DRAGENDORFF (G.), *Über die Beziehungen zwischen chemischen Bestandtheilen und botanischen Eigenthümlichkeit der Pflanzen*, 1879.
 DRESSER (C.), *Unity in variety*, 1859.
 — *Rudiments of botany, structural and physiological*, 1859.
 DRUMMOND (J. L.), *First steps to botany*, 1823.
 DRURY (H.), *Useful plants of India*, 2nd ed., 1873.
 DUTT (U. C.), *Materia medica, glossary of Indian plants*, 1877.
 ENDLICHER (S. L.), *Genera plantarum*, 1836-40.*
 — *Mantissa botanica, Genera plantarum suppl.*, 1842-3.*
 FORDYCE (G.), *Elements of agriculture and vegetation*, 2nd ed., 1771; 4th ed., 1789.
 FORSTER (J. R. & [J.] G. [A.]), *Characteres generum plantarum, quas in itinere ad insulas maris australis, collegerunt*, 1776.
 GEOFFROY (E. F.), *New treatise on vegetables used in physick*, 1751.
 GERARD (J.), *[Herball, or generall historie of plants*, 1633].
 — *Catalogue of plants cultivated in 1596-9*, 1876.
 GERMAIN DE ST. PIERRE (E.), *Nouveau dictionnaire de botan.*, 1870.
 GIBERT (E.), *Enumeratio plantarum sponte nascentium agro Montevidensi, cum synonymis selectis*, 1873.
 GRAY (A.), *First lessons in botany & vegetable physiology*, 1875.
 — *Botany for young people, how plants grow*, 8th ed., 1862.
 — *Manual of botany of northern United States*, 5th ed., 1872.
 — *[Botanical text-book, or] Introd. to structural and systematic bot. and vegetable physiol.*, 5th ed., 1875; 6th ed., 1879.
 GRAY (S. F.), *Natural arrangement of British plants, etc.*, 1821.
 GT. BRITAIN AND IRELAND, COLONIAL OFFICE, *Flora Hongkongensis*, by G. Bentham, 1861.
 — COMMISSIONERS OF WORKS, *Flora of tropical Africa*, by D. Oliver, etc., 1868-77.
 — INDIA OFFICE, *Index to native and scientific names of Indian and other eastern economic plants*, by J. F. Watson, 1868.
 — — *Flora of British India*, by J. D. Hooker, etc., 1872-9.

Botany—*continued.*

- GREW (N.), Anatomy of plants, *etc.*, 1682.
- GRISEBACH (A. H. R.), Report on botan. geography during 1842–3.
- Flora of the British West India Islands, 1864.
- Grevillea, record of cryptogamic botany, by M. C. Cooke, 1872–9.
- HANBURY (D.), Science papers, ed. by J. Ince, 1876.
- HANCE (H. F.), Flora Hongkongensis prostheke, 1872.
- HARRINGTON (M. W.), Identification and microscopical examination of vegetable products, 1876.
- HAYNE (F. G.), Getreue Darstellung und Beschreibung der in der Arzneykunde gebräuchlichen Gewächse, 1805–33. *
- HENFREY (A.), Elem. course of botany, 2 ed., 1870; 3 ed., 1878.
- HENKEL (J. B.), Medizinisch-pharmazeut. Botanik, 2e Ausg., 1873.
- Atlas zur medizinisch-pharmazeutischen Bot., 2e Aufl., 1873.*
- HENSLOW (J. S.), Dictionary of botanical terms, new ed., 1858.
- HERLANT (A.), Etude sur les rapports entre les principes actifs et les caractères botaniques des plantes officinales, 1878.
- HOLMES (E. M.), H.'s botanical note book, 1878.
- HOOKER (J. D.), Student's flora of the British Islands, 1870;
- 2nd ed., 1878.
- HOOKER (W. J.), British flora, 4th ed., 1838; 6th ed., 1850.
- London Journal of botany, 1842–7.
- H.'s journal of botany and Kew Gardens miscellany, 1849–57.
- Niger flora, 1849.
- HORANINOW (P.), Prodromus monographiæ scitaminearum, additis nonnullis de phytographia, *etc.*, 1862. *
- HULL (J.), British flora, 1799.
- Elements of botany, 1800.
- HUMBOLDT (F. H. A. v.) & A. BONPLAND, Plantes équinoxiales, 1808–9.*
- HUSEMANN (A. & T.), Die Pflanzenstoffe, 1871.
- INGEN-HOUZS (J.), Experiments upon vegetables, 1779.
- INTERNATIONAL BOTANICAL CONGRESS, Report, 1866; 1874.
- JAUME ST.-HILAIRE (J. H.), Plantes de la France, 1808–9. *
- JOHNS (C. A.), Forest trees of Britain, [1869?].
- JOHNSON (S. W.), How crops grow, 1869.
- Journal of botany, British and foreign, 1863–79.
- JUSSIEU (A. DE), Elements of botany, 1849.
- KARSTEN (H.), Floræ Columbiæ specimina selecta, 1858. *
- KING'S COLLEGE, LONDON, On the advantages of the study of botany to the student of medicine, by R. Bentley, 1860.
- KUNTH (K. S.), Enumeratio plantarum, 1833–50.
- LE MAOUT (E.) & J. DECAISNE, Traité général de botanique, 1868.
- Eng., General system of bot., tr. by Hooker, 2nd thousand, 1876.

Botany—*continued.*

- LINDLEY (J.), Natural system of botany, 2nd ed., 1836.
 — Flora medica, 1838.
 — Introduction to botany, 3rd ed., 1839.
 — School botany, new ed., 1846; 1858; 1862.
 — Vegetable kingdom, 1846; 3rd ed., 1853.
 — Elements of botany, new ed., 1849.
 — Medical and œconomical botany, 1849.
 — Synopsis of the British flora, 3rd ed., 1841.
 — Descriptive botany, 1858.
 — & T. MOORE, Treasury of botany, 1866; new ed., 1874.
- LINK (H. F.), Report on physiological botany during 1841-2-3.
- LINNÆUS. See LINNÉ (C. v.).
- LINNÉ (C. v.), Materia medica, lib. 1, de plantis, 1749.
 — Fr., Medical, botanical system, translated by C. Whitlaw, 1829.
 — Elements of botany, by H. Rose, 1775.
 — Introduction to botany, extracted by J. Lee, 3rd ed., 1776.
 — Species plantarum, ed. quinta, 1797-1830.
- LINNEAN SOCIETY OF LONDON, Proceedings, 1838-75.
 — Journal, 1855-79.
 — Addition to library, 1855-75.
 — List [of fellows, etc.], 1871-8.
- LOUDON (J. C.), Encyclopædia of plants of Britain, 1836.
 — Hortus Britannicus, new ed., 1850.
- LOUREIRO (J.), Flora Cochinchinensis, 1790.
- LUNAN (J.), Hortus Jamaicensis, 1814.
- MARTIUS (C. F. P. v.), Specimen mat. medicæ Brasiliensis, 1824.
 — Systema materiæ medicæ vegetabilis Brasiliensis, 1843.
 — Syllabus prælectionum de botanica pharmac.-medica, 1852.
 — Versuch eines Commentars über die Pflanzen in den Werken von Marcgrav und Piso über Brasilien, 1853.
 — Beitrag zur Natur- u. Literär-Geschichte der Agaveen, 1855.
 — Vermischte Schriften botanischen Inhalts, 1860.
 — Vorträge über die Florenreiche, 1865.
- MARTYN (J.), Historia plantarum rariorum, 1728. *
- MASTERS (M. T.), Botany for beginners, 1872.
- MAURITIUS, COLONIAL GOVERNMENT, Flora of Mauritius and the Seychelles, by J. G. Baker, 1877.
- MEDICO-BOTANICAL SOCIETY OF LONDON, Transactions, 1832-3.
- MOQUIN-TANDON (H. B. A.), Élém. de botanique méd., 2 éd., 1866.
- MORANDI (J. B.), Historia botanica practica, 1761. *
- MULDER (G. J.), Chemistry of vegetable physiology, 1849.
- MÜLLER (J. B.), Botanisch-prosodisches Wörterbuch, 1841.
- NEES VON ESENBECK (T. F. L.), Plantæ medicinales, 1828-33. *

Botany—*continued.*

- NEWTON (J.), Complete herbal, new ed., 1805.
- NOTCUTT (W. L.), Handbook of British plants, new ed., 1870.
- OBERLIN (L.), Aperçu systématique des végétaux médic., 1867.
- OLIVER (D.), Lessons in elementary botany, 2nd ed., 1869.—
— First book of Indian botany, 1869.
- ORTUS SANITATIS, de herbis et plantis, 1517. *
- OUDEMANS (C. A. J. A.), Aanteekeningen op het systematisch- en pharmacognostisch-botanische gedeelte der Pharmacopœa Neerlandica, 1854–6.
- PARKINSON (J.), Paradisi in sole paradisus terrestris, 1629.—
- PARLATORE (F.), Considérations sur la méthode naturelle, 1863.
- PFEIFFER (L.), Synonymia botanica, 1870–4.
— Nomenclator botanicus, 1873–4.
- PHILLIPS (C. D. F.), Materia medica, vegetable kingdom, 1874.
- PHYTLOGIST, 1852–63.
- PLANCHON (G.), Note sur produits de la région méditerranéenne rarement observés dans le midi de la France, 1866.
- Matériaux pour la flore médicale de Montpellier et des Cévennes, 1868.
- Traité pratique de la determination des drogues simples d'origine végétale, 1875.
- PLENCK (J. J.), Icones plantarum medicinalium, 1788–91. *
- PRIOR (R. C. A.), On the popular names of Brit. plants, 2 ed., 1870.
- PRITZEL (G. A.), Thesaurus literaturæ botanicæ, ed. nova, 1872–7.*
- RAY SOCIETY, Reports on botany, 1845–6, etc.
- REID (H.), Medical botany, 2nd ed., 1839.
- ROGET (P. M.), Animal and vegetable physiology, 2nd ed., 1834.
- ROQUES (J.), Phytographie médicale, nouv. éd., 1835.
- ROSENTHAL (D. A.), Synopsis plantarum diaphoriarum, 1862.
- ROUSSEAU (J. J.), Letters on elements of botany, 4th ed., 1794.
- ROXBURGH (W.), Plants of Coromandel, 1795–8. *
- ROYAL BOTANIC GARDEN OF EDINBURGH, Report, 1878.
- ROYAL BOTANIC SOCIETY OF LONDON, Annual report, 1879.
- SACHS (J.), Text-book of bot., morphological and physiol., 1875.
- SAINT-HILAIRE (A. DE), Plantes usuelles des Brasiiliens, 1824. *
- SALMON (J. D.), Flora of Surrey, by J. A. Brewer, 1863.
- SALMON (W.), Botanologia, the English herbal, 1710. *
- SCHLEIDEN (M. J.), The plant, a biography, 1848.
- Principles of scientific botany, 1849.
- Handbuch der medicinisch-pharmaceutischen Botanik, 1852.
- SCHÖDLER (F.), Book of nature, 1851.
- SEEMANN (B.), Die Volksnamen der amerikanischen Pflanzen, 1851.
- Flora Vitiensis, plants of Fiji, 1865–73. *

Botany—continued.

- SIEBOLD (P. F. v.) & J. G. ZUCCARINI, *Flora Japonica*, 1835–70. *
- SILVER (A.), *Outlines of elementary botany*, 1866.
- SMITH (Ja. E.), *English flora*, 1825–36.
- *Compendium floræ Britannicæ*, 5th ed., 1828.
- SOCIÉTÉ BOTANIQUE DE FRANCE, *Bulletin*, 1854–79.
- SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, *Library of useful knowledge*, *natural philosophy*, 1829–38, v. 4 (*see*).
- SOCIETY OF APOTHECARIES, *Index plantarum officinalium*, in *horto Chelseiano*, 1730.
- *Memoirs of botanic garden at Chelsea*, by Field, 1820; 1878.
- *Catalogus plantarum medicinalium*, in *horto Chels.*, 1830.
- SOLLY (E.), *On the influence of electricity on vegetation*, 1846.
- *Further observations on the influence of electricity*, 1847.
- *Vegetable substances used in arts and manufactures*, 1852.
- SOUBEIRAN (J. L.) & A. A. DELONDRE, *Produits végétaux du Portugal*, 1867.
- SOWERBY (Ja.), *English botany*, 3rd ed., 1863–72. *
- SOWERBY (John E.), C. JOHNSON, & C. P. JOHNSON, *British poisonous plants*, 2nd ed., 1861.
- STEPHENSON (J.) & J. M. CHURCHILL, *Medical botany*, 1831. *
- STEUDEL (E. G.), *Nomenclator botanicus*, 1821; 2nd ed., 1840–1.
- STILLINGFLEET (B.), *Miscellaneous tracts & Calendar of Flora*, 1762.
- SWEET (R.), *Hortus suburbanus Londinensis*, 1818.
- THEOPHRASTOS, *Calendar of Flora*, 1762.
- THOMÉ (O. W.), *Text-book of structural and physiol. bot.*, 1877.
- THORNTON (R. J.), *New family herbal*, 1810.
- *Elements of botany*, 1812.
- *Grammar of botany*, 2nd ed., 1814.
- THWAITES (G. H. K.) & J. D. HOOKER, *Enumeratio plantarum Zeylaniæ*, *enumeration of Ceylon plants*, 1858–64.
- TRIMEN (H.) & W. T. T. DYER, *Flora of Middlesex*, 1869.
- VOGL (A. E.), *Nahrungs-und Genussmittel aus dem Pflanzen.*, 1872.
- WARD (N. B.), *On the growth of plants in glazed cases*, 1842.
- WARING (E. J.), *Notes on indigenous med. plants of India*, 1860–2.
- WATKINS (C. R. W.), *Principles and rudiments of botany*, 1858.
- WATSON (H. C.), *Cybele Britannica*, 1847–59.
- *Compendium of the Cybele Britannica*, 1870.
- WESTON (R.), [Universal botanist and nurseryman, 1770–2].
- WHITLAW (C.), *W.'s new medical discoveries, with Linnean Medical, botanical system*, 1829.
- WIGHT (R.), *Icones plantarum Indiæ orientalis*, 1838–53. *
- WILDENOW (C. L.), *Principles of bot., & vegetable physiol.*, 1805.
- WILLS (G. S.V.), *Manual of veg. mat. med.*, 2 ed., 1877; 3 ed., 1878.

Botany—continued.

WITHERING (W.), *Arrangement of British plants*, 7th ed., 1830.

— *British plants*, compiled by W. Macgillivray, 11th ed., 1863.

WITTSTEIN (G. C.), *Organic constituents of plants*, 1878.

WOODS (J.), *Tourist's flora*, 1850.

WOODVILLE (W.), *Medical botany*, 3rd ed., 1832. *

WRIGHT (W.), *Memoir, with papers on botanical subjects*, 1828.

Botany Bay. AUCKLAND (W. EDEN, Baron), *History of New Holland, with description of Botany Bay*, 1787.

BOUCHARDAT (Apollinaire).

Nouveau formulaire magistral ; notice sur les hôpitaux de Paris ; généralités sur l'art de formuler ; précis sur les eaux minérales ; mémorial thérapeutique ; notions sur l'emploi des contre poisons et sur les secours à donner aux empoisonnés et aux asphyxiés.

Deuxième édition. Paris, 1843. 8 + 434 p.

Same. Dix-septième édition. Paris, 1872. 2 + 8 + 612 p.

See also DELONDRE (Auguste) & A. B., *Quinologie*, 1854.

See also *Reptoire de pharmacie*, 1856–68.

BOUCHARDAT (Gustave). *De la mannite et de ses éthers*; [Du pouvoir rotatoire de la quinine et de la cinchonidine ;] thèse. Paris, 1873. 52 p. (École supérieure de pharmacie de Paris.)

BOUCHUT (E.) & E. A. BOURGOIN. *Recherches chimiques et physiologiques sur la nature des principes purgatifs du séné de la palte*. [Paris, 1871.] 12 p., n. t.-p.

BOUDAULT (P. C.). *On pepsine*; transl. by W. S. Squire. Second edition, with remarks by English physicians. London, 1858. 32 p.

BOUDET (Félix Henri). *See Journal de pharm. et de chim.*, 1834–78.

BOUDET (J. P.) *See Journal de pharmacie et de chimie*, 1809–49.

BOUDOT (Jean). *Dictionarium universale Latino-Gallicum*. Editio aucta, [a MM. Lallemand]. Parisiis, 1810. 2 + 16 + 1110 p. *

BOUILLON-LAGRANGE (Edme Jean Baptiste).

Manuel d'un cours de chimie ; principes élémentaires, théoriques et pratiques. Troisième édit. Paris, 1802. 3 v., 7 tab., 23 pl.

See also *Annales de chimie*.

See also *Journal de pharmacie et de chimie*, 1817–44.

BOUIS (Jules).

Traité élémentaire de chimie légale. (*In* BRIAND, J., & E. CHAUDÉ,

Manuel complet de méd. légale, 8 éd., 1869, p. 631–775, pl. 1–3.)

See also SOCIÉTÉ CHIMIQUE DE PARIS, *Bulletin*, 1864–6.

BOULLAY (Félix Polydore). *See Journal de pharm. et de chim.*, 1834–5.

BOULLAY (Pierre François Guillaume). *See Journal de pharmacie et de chimie*, 1809–70.

Boulogne-sur-mer. *See* SOCIÉTÉ D'ACCLIMATATION, *Rapport sur les expositions internationales de pêche*, 1871.

- BOULTON (Richard). *See* BOYLE (R.), Works, epitomiz'd, 1699.
- BOURGOIN (Edme Alfred).
 Chimie organique : des alcalis organiques. Paris, 1869. 116 p.
 Hygiène publique : de l'alimentation des enfants et des adultes dans une ville assiégée, et en particulier de la viande de cheval. Paris, 1870. 28 p.
 Hygiène publique : du blé, sa valeur alimentaire en temps de siège et de disette. Paris, 1871. 24 p.
See also BOUCHUT (E.) & E. A. B., Recherches chimiques et physiologiques sur la nature des principes purgatifs du séné de la palte, 1871.
- BOURJEARD (Philip). On spiral elastic compression, in medicine, surgery, and midwifery. London, 1857. 16 p.
- BOUROS (Joannos). *See* GREECE, Pharmacopœa Graeca, 1837 ; 1868.
- BOUSSINGAULT (Jean Baptiste Joseph Dieudonné).
 Rural economy, in its relations with chemistry, physics, and meteorology ; application of chemistry and physiology to practical farming ; by J. B. B. Second edition, [by G. Law]. London, 1845. 2 + 26 + 692 p.
See also Annales de chimie et de physique, 2-5me sér.
See also DUMAS (J. B.) & J. B. J. D. B., Chemical and physiological balance of organic nature, 3rd ed., 1844.
- BOUTON (Louis). Plantes médicinales de Maurice. Deuxième édition. Port Louis, 1864. 2 + 6 + 148 p.
- BOUTRON-CHARLARD (A. F.).
See BUSSY (A. A. B.), & A. F. B.-C., Traité des moyens de reconnaître les falsifications des drogues, 1829.
See Journal de pharmacie et de chimie, 1836-79.
- BOUTTELL (Rev. Charles). Gold working. (*In* BEVAN, G. P., British manufacturing industries, 2 ed., 1878, Jewellery, etc., p. 51-71.)
- Bowels. BIRD (J.), Medicinal properties of vegetable charcoal in chronic affections of the bowels, 1855.
- BOWMAN (John E.).
 Introduction to practical chemistry, including analysis. London, 1848. 28 + 280 p.
Same. Fourth ed., by C. L. Bloxam. London, 1861. 16 + 312 p.
Same. Fifth ed., by C. L. Bloxam. London, 1866. 20 + 316 p.
Same. Sixth ed., by C. L. Bloxam. London, 1871. 16 + 310 p.
 Practical handbook of medical chemistry. London, 1850. 20 + 260 p. + 1 tab.
Same. Third edition. London, 1855. 24 + 264 p. + 1 tab.
Same. Fourth ed., by C. L. Bloxam. London, 1862. 24 + 304 p.
- BOWMAN (William Edward). *See* Canada lancet, 1863-4.
- BOYER (Jean Baptiste). *See* FRANCE, Codex medicamentarius, 1758.

BOYLE (Hon. Robert).

Works; epitomiz'd by R. Boulton. London, 1699. V. 1, 8 pl.

Continuation of new experiments physico-mechanical, touching the spring and weight of the air: part [1, with] discourse on the atmospheres of consistent bodies. Oxford, 1669. 22 + 208 p. + 8 pl.

Tracts: Suspicions about some hidden qualities of the air, with appendix touching celestial magnets; [Observations about the growth of metals in their ore exposed to the air; Some additional experiments relating to the Suspicions;] Animadversions upon Mr. Hobbes's Problemata de vacuo; New experiments about the preservation of bodies in vacuo Boyliano; Of the cause of attraction by suction. London, 1674. 6 + 72, + 2 + 26, + 2 + 14, + 10 + 94, + 6 + 18, + 6 + 68 p.

BOYS DE LOURY (J.). See CHEVALLIER (J. B. A.) & J. B. DE L., Essais sur les moyens de rendre moins fréquent le crime d'empoisonnement, 1835.

BRADLEY (Richard). Course of lectures upon the *materia medica*, antient and modern. London, 1730. 18 + 170 p.

BRADLEY (Thomas).

See Fox (J.) & T. B., New medical dictionary, 1803.

See Medical and physical journal, 1799–1810.

BRADY (Henry Bowman). See HANBURY (D.), Science papers, 1876.

BRAIDWOOD (Peter Murray). See Liverpool medical and surgical reports, 1869–71.

BRANDE (Augustus Everard). Experiments and observations on the angustura bark. London, 1791. 8 + 86 p.

BRANDE (William Thomas).

Manual of pharmacy [including *materia medica* and therapeutics]. London, 1825. 12 + 556 p.

Same. Second edition. London, 1829. 12 + 556 p.

Same. Third edition. London, 1833. 8 + 544 p.

Tables in illustration of the theory of definite proportionals; shewing the prime equivalent numbers of elementary substances, and the volume and weights in which they combine. London, 1828. 20 + 88 p.

Dictionary of *materia medica* and practical pharmacy; including a translation of the formulae of the London pharmacopœia. London, 1839. 4 + 592 p.

Manual of chemistry. Fifth edition. London, 1841. 16 + 1470 p.

Same. [Sixth edition?] London, 1848. 3 pts. in 2 v.

— & G. W. Cox. Dictionary of science, literature, and art.

New edition. London, 186[6–]7. 3 v.*

— & A. S. TAYLOR. Chemistry. London, 1863. 12 + 892 p.

BRANDES (Rudolph).

Bericht vom Felde der pharmaceutischen Literatur. Schmalkalden, 1823–4; Lemgo, 1825–6. Jahr. 1–4. (*In DEUTSCHER APOTHEKER-VEREIN*, Archiv für die Pharmazie, Bd. 5, 9, 13, 18.)

See also DEUTSCHER APOTH.-VER., Archiv für die Pharm., 1822–42.

See also Kritische Blätter für die Pharmacie, 1823; 1826.

BRANDES (W.). *See DEUTSCHER APOTHEKER-VEREIN*, Archiv für die Pharmazie, Note, Register über Bd. 1–15.

BRANDIS (D.). *See GT. BRITAIN AND IRELAND, INDIA OFFICE*, Report on caoutchouc, by J. Collins, with memorandum by D. B., 1872.

BRANDT (Adolph). Experimentelle Studien über die forensische Chemie der Digitalis und ihrer wirksamen Bestandtheile; Diss. Dorpat, 1869. 2 + 76 p. (Kaiserliche Universität Dorpat.)

BRANDT (Johann Friedrich). *See HAYNE (F. G.)*, Getreue Darstellung und Beschreibung der in der Arzneykunde gebrauchlichen Gewächse, 1833.

— & J. T. C. RATZEBURG. Medizinische Zoologie; Darstellung und Beschreibung der Thiere, die in der Arzneimittellehre in Betracht kommen. Berlin, 1829–33. 2 Bd., 63 pl., *some col.* *

Brandy. SHANNON (R.), Practical treatise on brewing, *etc.*, 1809.

BRANSTON (R.). *See LOUDON (J. C.)*, Encyclopædia of plants, 1836.

Brass founding. GRAHAM (W.), Brass founding, 2nd ed., 1876.

BRAYLEY (Edward William). *See Philosophical magazine*, 1841.

Brazil.

MARTIUS (C. F. P. v.), Specimen materiæ med. Brasiliensis, 1824.

— Systema materiæ medicæ vegetabilis Brasiliensis, 1843.

— Versuch eines Commentars über die Pflanzen in den Werken von Marcgrav und Piso, 1853.

SAINT-HILAIRE (A. DE), Plantes usuelles des Brasiliens, 1824. *

Bread.

ACCUM (F.), Treatise on the art of making bread, *etc.*, 1821.

MANLEY (J. J.), Bread and biscuits, 2nd ed., 1878.

SOCIÉTÉ DE MÉDICINE DE GAND, De la toxicité des sels de cuivre et de l'emploi du sulfate dans la panification, 1878.

BREED (Daniel). *See LÖWIG (C.)*, Principles of chemistry, 1853.

BRENT (Francis). *See HOLMES (E. M.) & F. B.*, Mosses of Devon and Cornwall, [1868–9?].

Breslau [?]. *See ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA NATURÆ CURIOSORUM.*

BREWER (James Alex.). *See SALMON (J. D.)*, Flora of Surrey, 1863.

BREWER (W. H.). *See CALIFORNIA, GEOLOGICAL SURVEY*, Botany, 1876.

Brewing. (*See also Beer.*)

POOLEY (T. A.), Brewing, 2nd ed., 1878.

SHANNON (R.), Practical treatise on brewing, *etc.*, 1805.

BREWSTER (*Sir David*).

Treatise on optics. London, 1831. 10 + 386 p. + engraved t.-p.
(LARDNER, Cabinet cyclopædia, v. 19.)

Letters on natural magic, addressed to Sir Walter Scott. London, 1832. 12 + 351 p.

See also Edinburgh philosophical journal, 1819–24.

See also Philosophical magazine, 1832–68.

BRIAND (Joseph). *See NYSTEN (P. H.), Dict. de méd., 8me éd., 1840.*

— & E. CHAUDÉ. Manuel complet de médecine légale ; cointenant un Traité élémentaire de chimie légale, par J. Bouis. Huitième édition. Paris, 1869. 8 + 1088 p. + 3 pl.

BRICHETEAU (Isidore). *See NYSTEN (P. H.), Dictionnaire de médecine, 8me éd., 1840.*

BRIDGES (Robert). *See PHILADELPHIA COLLEGE OF PHARMACY, American journal of pharmacy, 1839–45.*

Bridgewater treatises on the power, wisdom, and goodness of God, as manifested in the creation. (*See the respective authors.*)

1. CHALMERS (T.), On the adaptation of external nature to the moral and intellectual constitution of man, 1833.
2. KIDD (J.), On the adaptation of external nature to the physical condition of man, 1833.
3. WHEWELL (W.), Astronomy and general physics, [2nd ed.,] 1833.
4. BELL (C.), The hand, as evincing design, 1833.
5. ROGET (P. M.), Animal and vegetable physiology, [2nd ed.,] 1834.
6. BUCKLAND (W.), Geology and mineralogy, 1836.
7. KIRBY (W.), On animals, 1835.
8. PROUT (W.), Chemistry, meteorology, and digestion, [2nd ed.,] 1834.
9. BABBAGE (C.), The ninth Bridgewater treatise, a fragment, 1837.

B[RIGGS] (James). *See ROYAL SOCIETY OF LONDON, Philosophical transactions, Index to anatomical, medical, chirurgical, and physiological papers, 1818.*

Brine. *See Salt.*

BRISSON (Mathurin Jacques).

Traité élémentaire ou principes de physique. Troisième édition. Paris, an 8, [1800]. 3 t., 45 pl.

Eléments ou principes physico-chimiques ; suite aux Principes de physique. Seconde édition. Paris, 1803. 2 + 16 + 384 p. + 6 pl.

Britain. *See GREAT BRITAIN AND IRELAND.*

British American journal, devoted to the advancement of the medical and physical sciences ; edited by A. Hall. Montreal, 1860–2. V. 1, nos. 3, 5–7, 10–12 ; v. 2 ; v. 3, nos. 1–11.

British and foreign medical review ; or, Quarterly journal of practical medicine and surgery ; edited by J. Forbes. London, 1842–8. V. 13–24 ; index to v. 1–24.

Note.—Merged in the British and foreign medico-chirurgical review.

British and foreign medico-chirurgical review; or, Quarterly journal of practical medicine and surgery. London, 1848-77. 60 v., pl.

Note.—Incorporation of the British and foreign medical review with the Medico-chirurgical review.

British annals of medicine, pharmacy, vital statistics, and general science. London, 1837. V. 1; v. 2, nos. 1-12.

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. *London.* Report; [38th-45th meeting, 1868-75]. Lond., 1869-76. 8 v., pl. Address delivered at the Southampton meeting, 1846, by R. I. Murchison, president. London, 1846. 24 p.

British dispensatory. *See Dispensatory, British.*

BRITISH GUIANA.

GOVERNMENT. Woods of B. G., collected by M. McTurk for the local and Paris international exhibitions, 1878. 4 p., n. t.-p.

See HANCOCK (J.), Observations on climate, soil, and productions of British Guiana, 1835.

See ROYAL AGRICULTURAL AND COMMERCIAL SOCIETY, British Guiana at the Paris Exhibition, [with] notices of the colony, 1878.

BRITISH HOMEOPATHIC SOCIETY, *London.*

British homeopathic pharmacopœia. London, 1870. 16 + 338 p.

Same. Second edition. London, 1876. 44 + 396 p.

BRITISH HOSPITAL FOR DISEASES OF THE SKIN, *London.*

Pharmacopœia ; edited by [A. J.] B. Squire. London, 1879. 80 p.

British Isles. *See GREAT BRITAIN AND IRELAND.*

British journal of dental science. London, [1859-79]. V. 3-22.

British manufacturing industries. *See BEVAN (G. P.), 2 ed., 1876-8.*

BRITISH MEDICAL ASSOCIATION, *London.*

British medical journal ; edited by A. Wynter, [W. O. Markham, J. Hutchinson, and E. Hart]. London, 1857-79. 42 v.

Report of the sub-committee of the Outdoor Hospital Reform Committee upon the working of the Manchester and Salford Provident Dispensaries Association. Manchester, [1878]. 16 p.

British Museum. *See HOWARD (J. E.), Examination of Pavon's collection of Peruvian barks in the B. M., 1853.*

BRITISH PHARMACEUTICAL CONFERENCE, *London.*

Proceedings. London, 186[4-]9. 6 v. in 1, 7 pl.

Year-book of pharmacy ; comprising abstracts of papers relating to pharmacy, *materia medica*, therapeutics, and chemistry ; with proceedings [transactions] of the B. P. C. London, 1870-9. V. 1-10. 2 copies.

Note.—The words "therapeutics" and "proceedings" appear on the t.-p. of v. 1 only.

British pharmacopœia. *See GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION, London, 1864; 1867; etc.*

- BRITTON (F. J.). Watches and clocks. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1878, Jewellery, etc., p. 72–108.*)
- BRODIE (Sir Benjamin Collins). *See DONOVAN (C.), Reply to B.'s attack on phrenology, in his Psychological inquiries, 1857.*
- Bronchitis. *See Throat.*
- BRONGNIART (Adolphe Théodore). *See Annales des sciences naturelles, 1858–76, sér. 4–6.*
- BROOKE (Charles). *See BIRD (G.) & C. B., Elements of natural philosophy, 4th ed., 1854; 6th ed., 1867.*
- BROOKE (Henry James). Familiar introduction to crystallography ; including an explanation of the goniometer, and an alphabetical arrangement of minerals, etc. London, 1823. 16 + 508 p.
- BROOKE (Sir William O'SHAUGHNESSY). *See O'SHAUGHNESSY (W. B.).*
- BROOKES (R[ichard ?]). General dispensatory ; containing a translation of the pharmacoepias of the Royal Colleges of Physicians of London and Edinburgh, [and] the Royal Hospital of Edinburgh ; [with] doses, virtues, and uses of simples, compounds, etc. London, 1753. 8 + 2 + 436 p.
- Same.* Second edition. London, 1765. 12 + 420 p.
- Brooklyn, N. Y. *See MEDICAL SOCIETY OF THE COUNTY OF KINGS.*
- BROUGH (John Cargill). *See COOLEY (A. J.), Cyclopædia of practical receipts, 4th ed., 1864.*
See Laboratory, 1867.
- BROUGHAM (Henry, Lord). Discourse on Natural theology, showing the nature of the evidence and the advantages of the study. (*In PALEY, W., Natural theology, with notes and dissertations by H. B., and C. Bell, 2nd ed., 1835, v. 1.*)
- BROUSSE (J.). Synthèses de pharmacie et de chimie ; [thèse]. Paris, 1862. 2 + 8 p. (École supérieure de pharmacie de Paris.)
- BROWN (Alexander Crum) & T. R. FRASER. On the connection between chemical constitution and physiological action. Edinburgh, 1868–9. Pts. 1–2.
- BROWN (G. T.). *See Veterinarian, 1865–7.*
- BROWN (Isaac Baker). On ovarian dropsy : its nature, diagnosis, and treatment. Second edition. London, 1868. 12 + 280 p.
- BROWN (Robert). R. B. : eine akademische Denkrede von [C. F. P.] v. Martius. [Regensburg,] 1859. 12 p., n. t.-p.
- BROWN (Robert), *Campsterianus.* Florula Discoana : contributions to the phyto-geography of Greenland, within the parallels of 60° and 70° north latitude. Edinburgh, 1868. 38 p.
- Manual of botany, anatomical and physiological. Edinburgh, 1874. 18 + 614 p.

- BROWN (T. E. B.). Description of the symptoms and treatment of poisons used in the Punjab. Lahore, 1863. 108 + 12 p.
- BROWNE (Hyde Mathis). Apothecary's vade mecum ; or, Critico-explanatory companion to the new London pharmacopœia. London, 1812. 16 + 266 p.
- BROWNRIGG (William). The art of making common salt, with improvements proposed. London, 1748. 24 + 298 p. + 6 pl.
- BRUGNATELLI (L. V.).
Farmacopœa generale ; dizionario delle preparazioni farmaceutico-mediche. Pavia, 1807. 48 + 536 p. + por.
Same. Nuova edizione. Pavia, 1814. Tomo 3, 1 pl.
- BRUNFELS (Otto). O. B., Fragment zur Geschichte der Botanik und Pharmacie, mit Bildniss; von F. A. Flückiger. [Halle, 1878.] 22 p., n. t.-p.
- BRUNNMARK (Gustavus). *See* BERZELIUS (J. J.), View of progress and present state of animal chemistry, translated, 1818.
- BRUNTON (Thomas Lauder). Tables of materia medica ; companion to the materia medica museum. London, 1877. 12 + 204 + 2 p.
- BRUSH (George Jarvis).
See DANA (J. D.), System of mineralogy, 5th ed., 1868.
- Brussels or Bruxelles.**
See ACADEMIE ROYALE DE MÉDECINE DE BELGIQUE.
See CHEVALLIER (J. B. A.), Assainissement des villes, 1840.
See SOCIÉTÉ ROYALE DE PHARMACIE DE BRUXELLES.
- BUCHAN (Alexander Peter). *See* DAUBENTON (L. J. M.), Observations on indigestion, efficacy of ipecacuan, 3rd ed., 1809.
- BUCHAN (William). Domestic medicine : treatise on the prevention and cure of diseases ; with dispensatory. Eighteenth edition. London, 1803. 44 + 752 p.
- BUCHHEIM (Rudolf). Lehrbuch der Arzneimittellehre. Dritte Auflage. Leipzig, 1878. 16 + 618 p.
- BÜCHNER (Friedrich Carl Christian Ludwig). Science et nature : essais de philosophie et de science naturelle, par le Dr. Louis B.; traduit de l'allemand par A. [A.] Delondre. Paris, 1866. 2 v.
- BUCHNER (Johann Andreas).
See Repertorium für die Pharmacie, 1815–52.
- BÜCHNER (Louis). *See* BÜCHNER (F. C. C. L.).
- BUCHNER (Ludwig Andreas).
See GERMANY, Commentar zur Pharmacopœa Germanica, 1872–9.
- See* Repertorium für die Pharmacie, 1852–76; and Note.
- BUCHOLZ (Leonid).
 Antiseptica und Bakterien. [Leipzig, 1875.] 82 p., n. t.-p.
 Untersuchung über den Einfluss der Temperatur auf Bakterien-vegetation. [Leipzig, 1875.] [10] p., n. t.-p.

- BUCHOZ (Pierre Joseph). *Herbier, ou Collection des plantes médicinales de la Chine.* Paris, 1781. Engr. t.-p. + 100 col. pl. + 2 p. *
- Buchu. FLÜCKIGER (F. A.), *Über die Bukublätter*, 1873.
- BUCKLAND (Rev. William). *Geology and mineralogy considered with reference to natural theology.* London, 1836. 2 v., 87 pl. (Bridgewater treatises, 6.)
- BUCKNALL (W. M.). *See GREAT BRITAIN AND IRELAND, BOARD OF TRADE, Catalogue of the library*, 1866.
- BUCKNELL (William). *The eccaleobion; a treatise on artificial incubation.* London, 1839. 8 + 56 p.
- BUCKNILL (John Charles). *Notes on asylums for the insane in [North] America.* London, 1876. 12 + 88 p.
- Buckthorn. RIGHINI (G.), *Sullo spincervino*, 1861.
- Bucolica. VERGILIUS MARO (P.), *Bucolica, etc.*, 1866.
- BUEK (Heinrich Wilhelm). *Genera, species et synonyma Candolleana, seu Index generalis et specialis ad de Candolle Prodromum systematis naturalis regni vegetabilis.* Berolini, 184[0-]2 ; Hamburgi, 1858-74. 4 pts. *
- Buenos Aires. *See SOCIEDAD DE FARMACIA NACIONAL ARGENTINA.*
- BUFF (Heinrich). *Familiar letters on the physics of the earth;* edited by A. W. Hofmann. London, 1851. 14 + 274 p.
- BUIGNET (Henri).
Nouveau procédé de dosage de l'acide carbonique dans les eaux minérales, suivi de considérations sur la constitution des eaux de Vichy. [Paris, 1856.] 14 p.
See also GUIBOURT (N. J. B. G.), *Histoire naturelle des drogues simples*, 7 éd., par. G. Planchon, avec éloge par H. B., 1876.
See also *Journal de pharmacie et de chimie* 1850-76.
- Building materials. HUTCHINSON (J.), *New experiments on building materials, in reference to fire*, 1843.
- Building stones. HULL (E.), [Quarries and] *Building stones*, 2nd ed., 1878.
- Bulletin de pharmacie, 1809-14. *See Journal de pharmacie et de chimie.*
- Bulletin général de thérapeutique médicale et chirurgicale; recueil pratique par E. Debout. Paris, 1851. T. 40, nos. 2-12.
- BULLIARD (Pierre). [Herbier de la France; seconde division]: *Histoire des champignons, ou Traité élémentaire*, par B. et [en partie par] Ventenat. Paris, 1791-1812. 2 t., col. pl.; *wanting p. 685-700 and some plates.* *
- BULLOCK (John Lloyd). *See FRESENIUS (C. R.), Instruction in quantitative chemical analysis*, 1843 ; 6th ed., 1864 ;—*System of instruction in quantitative chemical analysis*, 3rd ed., 1860 ; 4th ed., 1865.

BUNSEN (Robert Wilhelm).

On the intimate connection existing between the pseudo-volcanic phenomena of Iceland, by R. B. (*In GRAHAM, T., Chemical reports and memoirs, 1848, p. 323–70, pl. 2.*)

Gasometry; comprising the leading physical and chemical properties of gases, by R. B.; translated [from the German] by H. E. Roscoe. London, 1857. 12 + 300 p.

BURBIDGE (F. W.). Cultivated plants, their propagation and improvement. Edinburgh, 1877. 12 + 618 + 2 p.

BUREAU (A.). *See BAILLON (H. E.), Dict. de botanique, 1876–9.*

BURI (Eugen). Neue Beiträge zur Kenntniss des Elemi: 1, über das Amyrin. [München, 1876.] 12 p., n. t.-p.

BURMANN (Johannes). Thesaurus Zeylanicus, exhibens plantas in insula Zeylania nascentes; [Catalogi duo plantarum Africanarum]. Amstelædami, 1737. 16 + 250 + 4 + 34 p. + 111 pl.

BURNESS (William). Cattle cookery; three pamphlets in defence of the most improved system of feeding cattle. London, 1860. 2 + 32 + 32 + 32 + 2 p.

Note.—No. 1 is of the second edition.

BURROWS (George Man).

Statement of circumstances connected with the Apothecaries' act, and its administration. London, 1817. 2 + 48 + 22 p.

See also London medical repository, 1814–7.

Burtscheid. HAMBERG (N. P.) & B. M. LERSCH, Die Burtscheider Thermen bei Aachen, 1861.

BUSK (George).

See GRISEBACH (A.H.R.), Report on botan. geography during 1843.

See Natural history review, 1861–2.

See Quarterly journal of microscopical science, 1853–68.

See ZUCCARINI (J. G.), On the morphology of the coniferæ, 1846.

BUSSY (Antoine Alexander Brutus).

See Journal de pharmacie et de chimie, 1826–79.

— & A. F. BOUTRON-CHARLARD. Traité des moyens de reconnaître les falsifications des drogues simples et composées, etc. Paris, 1829. 12 + 508 p. + 1 pl.

Butter.

EVANS (M.), Butter and cheese, 2nd ed., 1878.

WANKLYN (J. A.), Milk-analysis, 1873.

BUTTER (William),

Treatise on the kinkcough; with an account of hemlock and its preparations. London, 1773. 12 + 216 p.

Treatise on the infantile remittent fever. London, 1782. 52 p.

Butterflies. WESTWOOD (J. O.), Butterflies of Great Britain, 1855.*

Buttons. AITKEN (W. C.), Guns, ... Buttons, etc., 2nd ed., 1878.

C. (A.), [Abdiah COLE?]. *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, *Pharmacopœia Londinensis*, transl. by N. Culpeper, 1661.

C. (P. D.). *See* LE FE'VRE (N.), *Compleat body of chymistry*, 1670.

Cabinet cyclopædia. *See* LARDNER (D.), 1830–4.

Cables. LINDSEY (G.), *Pens ... Anchors & chain cables*, 2 ed., 1878.

CADET. *See* FRANCE, *Account of the tenia*, 1777.

CADET DE GASSICOURT (Charles Louis).

See Farmacopea en Castellano, con un breve catálogo de algunas composiciones magistrales del Memorial farmacéutico, 1823.

See Journal de pharmacie et de chimie, 1809–21.

CÆSAR (Caius Julius).

C. J. Cæsaris [et A. Hirtii aut Oppii] *Commentarii [de bello Gallico, de bello civili Pompeiano, de bello Alexandrino, de bello Africano, de bello Hispaniensi; Galliæ, Hispaniæ, locorumque insignium pictura; veterum Galliæ locorum, etc., descriptio, auctore R. Marliano]; novis emēdationibus, et lectionum varietatibus illustrati*. Antverpiæ, 1578. 16 + 558 p.

C. J. Cæsaris et A. Hirtii *de rebus a C. J. Cæsare gestis commentarii; cum C. J. Cæsaris fragmentis*; [ed. a M. Maittaire] *Editio nova*. Londini, 1840. 24 + 442 p.

Cæsarean operation.

BAUDELOCQUE (J. L.), *Two memoirs*, transl. by J. Hull, 1801.

HULL (J.), *Defence of the Cesarean operation*, 1798.

— *Observations on Simmons's Detection, etc.*, 1798.

Calabar bean. *See* Physostigma.

Calcination. FRENCH (J.), [Art of distillation, etc., 3rd ed., 1664].

Calcium, Hypophosphite of. PATROUILlard (C.), *Sur le gingembre blanc, ... Essai des hypophosphites de soude et de chaux*, 1875.

Calcium, Oxide of.

BLACK (J.), *Experiments upon magnesia alba, quick-lime, and other alcaline substances*, 1777.

MACBRIDE (D.), *Experimental essay on the dissolvent power of quicklime*, 1764.

Calcium, Phosphate of.

HIRSCHSOHN (E.), *Über Calcaria phosphorica*, 1877.

PAQUELIN (C.) & L. JOLLY, *De l'origine du phosphate de chaux éliminé par les voies urinaires et intestinales, et de la valeur de ce phosphate comme agent thérapeutique*, 1876.

Calcium, Sulphate of.

LUNDY (J.), *Rinderpest, its prevention and cure, and gypsum, or sulphate of lime, its advantages as a manure, deodoriser, and sanitary agent*, 1865.

TAYLOR (E.), *Use and value of the ammoniacal liquor and refuse lime of gas works*, 2nd thousand, 1853.

Calculi and Concretions.

- BEALE (L. S.), Kidney diseases, urinary deposits, *etc.*, 3 ed., 1869.
- DOBSON (M.), Medical commentary on fixed air, 2nd ed., with appendix on use of solution of fixed alkaline salts saturated with fixible air in stone and gravel, by W. Falconer, 1785.
- HARTLEY (D.), View of evidence for and against Mrs. Stephens's medicines for the stone, 1739.
- HIGGINS (W.), Comparative view of phlogistic theories, with analysis of the human calculus, 1789.
- KNIGHT (T.), Reflections upon catholicons, also the experiments and observations upon human calculus consider'd, 1749.
- LANGRISH (B.), Physical experiments upon brutes, to discover a method of dissolving stone in the bladder, by injections, 1746.
- REES (G. O.), On the analysis of urinary calculi, [1836 ?].
- ROYAL COLLEGE OF SURGEONS OF ENGLAND, Descriptive and illustrated catalogue of calculi and other animal concretions, 1842-5.
- Calcutta.** See AGRICULTURAL and HORTICULTURAL SOCIETY OF INDIA.
- CALIFORNIA COLLEGE OF PHARMACY, *San Francisco.* Valedictory address, by E. Painter. [San Francisco,] 1878. 2 + 24 p.
- CALIFORNIA (*State of*). GEOLOGICAL SURVEY. Botany. Cambridge, Mass., 1876. V. 1.
Contents.—[Introduction, by J. D. Whitney, state geologist;] Poly-petalæ, by W. H. Brewer and S. Watson; Gamopetalæ, by Asa Gray.
- CALLIS (F.). Cutlery. (In BEVAN, G. P., British manufacturing industries, 2nd ed., 1878, Jewellery, *etc.*, p. 154-87.)
- Caloric.** See Heat.
- CALVERT (Frederick Crace) & E. FERRAND. Mémoire sur la végétation considérée sous le point de vue chimique. [Paris, 1844.] 28 p. + 1 pl., n. t.-p.
- CAMARA MELLO CABRAL (Philomene DA). See PONTA DELGADA, JUNTA GERAL, Les eaux thermales de l'île de San-Miguel, 1873.
- Cambist.** KELLY (P.), Universal cambist, 2nd ed., 1835.
- Cambridge Botanic Garden.** DONN (J.), Hortus Cantabrigiensis, accented catalogue of plants, 12th ed., 1831.
- Cambridgeshire.** BABINGTON (C. C.), Flora of Cambridgesh., 1860.
- Camel's milk.** DRAGENDORFF (G.), Chemische Untersuchung der Radix Corniolæ ..., [Mengenbestimmung einzelner Bestandtheile der Kameelmilch, 1866].
- CAMPBELL (Dugald). See PRESTWICH (J.), D. C., & EASTON, AMOS AND SONS, Report on Grays Thurrock water, 1860.
- CAMPBELL (Francis Wayland). See Canada medical journ., 1864-9.
- CAMPBELL (Heetor). See ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia, translated by H. C., 1809.
- Camphor.** TOMLINSON (C.), Experimental essay on the motions of camphor on water, 1863.

Camphora. *See* *Dryobalanops camphora*.

Canada. CORNUTI (J. P.), *Canadensium plantarum historia*, 1635.

Canada lancet; [edited by] W. E. Bowman. Montreal, 1863–4. Nos. 1–22.

Canada medical journal, and monthly record of medical and surgical science; edited by G. E. Fenwick and F. W. Campbell. Montreal, 186[4]–9. Vol. 1, nos. 2–12; v. 2; v. 3, nos. 1–3, 5–12; v. 4, nos. 1, 3–12; v. 5, nos. 1–9, 11.

Canadian naturalist. *See* *NATURAL HISTORY SOCIETY OF MONTREAL*.

Canadian pharmaceutical journal. *See* *ONTARIO COLLEGE OF PHARM.*

Candles. WILLIAMS (W. M.), *Oils and candles*, 2nd ed., 1877.

CANDOLLE (Alphonse Louis Pierre Pyramus DE).

Géographie botanique raisonnée, ou Exposition des faits principaux et des lois concernant la distribution géographique des plantes de l'époque actuelle. Paris, 1855. 2 tom., 2 col. maps.

See also CANDOLLE (Aug. P. DE), *Prodromus*, 1844–73.

— & C. P. DE CANDOLLE. *Monographiæ phanerogamarum*; *Prodromi nunc continuatio, nunc revisio, auctoriibus Alph. et C. de C. aliisque botanicis*. Parisiis, 1878. Vol. 1, 9 pl. *

CANDOLLE (Augustin Pyramus DE).

Regni vegetabilis systema naturale, sive Ordines, genera et species plantarum secundum methodi naturalis normas digestarum et descriptarum. Parisiis, 1818–21. 2 vol. *

Prodromus systematis naturalis regni vegetabilis, sive Enumeratio contracta ordinum, generum, specierumque plantarum, huc usque cognitarum, juxta methodi naturalis normas digesta. Parisiis, 1824–38. Pts. 1–7. *

Same. Editore et pro parte auctore Alph. de Candolle. Parisiis, 1844–73. Pts. 8–17, in 13 vol. *

See also BEEK (H. W.), *Genera, species et synonyma Candolleana, seu Index ad Prodromum*, 1840–74.

See also CANDOLLE (Alph. L. P. P. DE) & C. P. DE C., *Monographiæ phanerogamarum*, *Prodromi continuatio, etc.*, 1878.

[Organographie végétale; description raisonnée des organes des plantes. Paris, 1827.] Tome 1, *wanting p. 1–4*.

Botanicon Gallicum, seu Synopsis plantarum in flora Gallica descriptarum. Editio secunda, ex herbariis et schedis Candolianis propriisque digestum a J. E. Duby. Paris, [1828–30]. 2 vol.

— & K. SPRENGEL. Elements of the philosophy of plants: containing the principles of scientific botany; nomenclature, theory of classification, phytography; anatomy, chemistry, physiology, geography, and diseases of plants: with a history of the science, and practical illustrations; translated from the German. Edinburgh. 1821. 34 + 486 p. + 8 pl.

CANDOLLE (Casimir Pyramus de). *See* CANDOLLE (Alph. L. P. P. de) & C. P. de C., *Monographiæ phanerogamarum*, 1878.

Candyng. *See Preserving.*

CANSTATT's Jahresbericht über die Fortschritte in der Pharmacie, etc.
See Jahresbericht über die Fortschritte der Pharmacognosie.

Cantharides and Cantharidin.

DRAGENDORFF (G.), *Chemische Untersuchung der Radix Corniolæ ...*, [Beiträge zur Kenntniss des Cantharidins, 1866].

MASING (E.), *Die Verbindungen des Cantharidins mit anorganischen Basen*, 1866.

RENNARD (E.), *Das wirksame Princip im wässerigen Destillate der Canthariden*, 1871.

Caoutchouc.

COLLINS (J.), *Hides and leather, Indiarubber*, 2nd ed., 1877.

Gt. BRITAIN & IRELAND, INDIA OFFICE, *Report on the caoutchouc of commerce*, by J. Collins, with mem. by D. Brandis, 1872.

CAP (Paul Antoine).

See Journal de pharmacie et de chimie, 1836–77.

See MONTAGNE (P. C.), [Biographie, etc.] par P. A. C., 1866.

See SCHEELE (C. W.), Étude biographique, par P. A. C., 1863.

Cape de Verd Islands. *See HOOKER (W. J.)*, *Niger flora*, 1849.

Cape Flattery. SWAN (J. G.), *Indians of Cape Flattery*, 1870.

CAPE OF GOOD HOPE. COMMITTEE FOR THE PARIS EXHIBITION OF 1867. Catalogue of articles contributed; with sketch of the colony, by J. B. Currey. London, [1867 ?]. 2 + 40 p.

CAPRON (J. Rand). Photographed spectra; printed by the permanent autotype process; with introduction, description of plates, and index. London, 1877. 4 + 84 p. + 38 pl. *

Caracas. *See SOCIEDAD DE CIENCIAS FISICAS Y NATURALES.*

Carapa touloucouna. CAVENTOU (E.), Deuxième mémoire sur les végétaux des familles méliacées et cédrélacées, 1859.

Carbolic acid.

HAMBERG (N. P.), Om karbolsyra, 1871.

PAYNE (M. H.), Carbolic acid, etc., 1866.

Carbon compounds. *See* (works on organic) Chemistry.

Carbonic acid.

BUIGNET (H.), Nouveau procédé de dosage de l'acide carbonique dans les eaux minérales, 1856.

CHEVALLIER (J. B. A.), Notice sur la rupture de l'appareil de Thilorier pour la préparation de l'acide carbonique, 1841.

DOBSON (M.), Medical commentary on fixed air, 2nd ed., with appendix, by W. Falconer, 1785.

HARRISON (J.), Remarkable effects of fixed air in mortifications of the extremities, 1784.

Carbonic acid—continued.

HIGGINS (B.), Experim. and observ. relating to fixable air, 1786.

MACBRIDE (D.), Experimental essay on fixed air, 1764.

MIALHE (L.), Du rôle chimique de l'acide carbonique dans l'économie animale, 1856.

CARBURI (J. B.). *See* FRANCE, Account of the tenia, 1777.

CARIUS (L.). *See* GMELIN (L.), Handb. der Chemie, 4 Aufl., 1846–65.

CARL (Friedrich). *See* Annalen der Chemie und Pharmacie, Autoren- und Sach-Register, 1874.

Carmichael prize. *See* CRISP (E.), On medical reform, 1870.

CAROLUS, [pseud. of Sir Charles ALDIS?]. Comets analogous to women. Second edition. London, 1858. 16 p.

CARPENTER (William Benjamin).

Principles of physiology, general and comparative. Third edition. London, 1851. 24 + 1098 p.

Principles of human physiology, with their chief applications to psychology, pathology, therapeutics, hygiene, and forensic medicine. Fourth edition. London, 1853. 24 + 1140 p. + 3 pl.

Same. Sixth ed., by H. Power. Lond., 1864. 24 + 946 p. + 3 pl.

Same. Eighth ed., by H. Power. Lond., 1876. 24 + 1176 p. + 3 pl.

The microscope and its revelations. Third edition. London. 1862. 24 + 792 p. + 10 pl.

Same. Fifth edition. London, 1875. 16 + 848 p. + 25 pl.

Manual of physiology, including physiological anatomy. Fourth edition. London, 1865. 24 + 750 p. + 2 pl.

See also Natural history review, 1861–2.

Carpets. DRESSER (C.), Carpets, 2nd ed., 1877.

Carpology. *See* Fruits.

CARRUTHERS (William).

On ergot. London, 1874. 20 p.

See also Annals and magazine of natural history, ser. 5.

CARSON (Joseph). *See* PHILADELPHIA COLLEGE OF PHARMACY, American journal of pharmacy, 1836–50.

Cartridges. LINDSEY (G.), Pens, Ammunition, etc. 2nd ed., 1878.

Carvol. FLÜCKIGER (F. A.), Über Carvol, 1876.

Cascarilla.

DANIELL (W. F.), On the cascarilla of the West India and Bahama islands, [1862].

WEDDELL (H. A.), Histoire naturelle des quinquinas, suivi d'un description du genre cascarilla, 1849.

— Remarks on the generic name cascarilla, 1869.

Cassia. BENTHAM (G.), Revision of the genus cassia, [1871].

Cassia moschata. HANBURY (D.), Note on cassia moschata, 1863.

Castile. *See* Farmacopea en Castellano, 1823.

CASTLE (Frederick A.). *See New remedies, 1871-9.*

CASTLE (Thomas). *See Royal College of Physicians of London,*
Lexicon pharmaceuticum, by T. C., 2nd ed., 1828.

Catalogues. *See Libraries;—Museums;—Royal Society, etc.*

Cataract. *See Eye.*

Catarrh.

DOBELL (H.), *On winter cough, etc., 3rd ed., 1875.*

FOURNIER (G.), *De la créosote du hêtre dans le traitement des affections catarrhales des voies respiratoires, [1878 ?].*

Cathartics. HULL (J.), *Dissertatio medica inauguralis, 1792.*

Catholicons. KNIGHT (T.), *Reflections on universal medicines, 1749.*

Cattle.

BLAINE (D.), *Outlines of the veterinary art, 5th ed., 1841.*

BURNESS (W.), *Cattle cookery, system of feeding cattle, 1860.*

CROOKES (W.), *On disinfectants in arresting cattle plague, 1866.*

GREAT BRITAIN AND IRELAND, PARLIAMENT, *Third report of the commissioners appointed to enquire into cattle plague, 1866.*

HÉTET (F.), *La viande des animaux malades au point de vue de l'alimentation publique, 1871.*

LUNDY (J. J.), *Rinderpest, its prevention and cure, 1865.*

CAUVET (D.). *Nouveaux éléments d'histoire naturelle médicale.*
Paris, 1869. 2 tomes.

CAVALLO (Tiberius).

Essay on the theory and practice of medical electricity. Second edition. London, 1781. 12 + 124 p. + 1 pl.

Treatise on magnetism, in theory and practice, with experiments. London, 1787. 12 + 352 p. + 2 pl.

Elements of natural or experimental philosophy. London, 1803. 4 vol., 29 pl.

CAVENDISH (*Hon.* Henry). *Life of H. C., including abstracts of his more important scientific papers, and a critical inquiry into the claims of all the alleged discoverers of the composition of water;* by G. Wilson. London, 1851. 14 + 478 p. + por. (Cav. Soc.)

CAVENDISH SOCIETY, London.

Report of 1st [-2nd and 4th-15th] anniversary meeting[s]. [London, 1848-9; 1851-62.] (In Works, various volumes.)

Works. (*See the respective authors.*)

BISCHOF (G.), *Elem. of chemical and physical geology, 1854-9. 3 v.*

CAVENDISH (H.), *Life of C., by G. Wilson, 1851.*

DALTON (J.), *Memoirs of D., by W. C. Henry, 1854.*

FUNKE (O.), *Atlas of physiological chemistry, 1853.*

GMELIN (L.), *Handbook of chemistry, 1848-72. 18 v. and index.*

GRAHAM (T.), *Chemical reports and memoirs, 1848.*

LAURENT (A.), *Chemical method, notation, etc., 1855.*

LEHMANN (C. G.), *Physiological chemistry, 1851-4. 3 v.*

CAVENTOU (Eugène). Deuxième mémoire sur les végétaux des familles méliacées et cédrélacées : du carapa touloucouna, Sene galensis. Paris, 1859. 42 p.

CAZENAVE (Al.). Appendice thérapeutique du Codex [Pharmacopée française]; édité par Béchet jeune. Paris, 1841. 4 + 218 p.

CECIL (Robert), 1st Earl of Salisbury. See ORRIDGE (B. B.), Some particulars of ancestors of R. C., 1868.

Cell, Vegetable.

MOHL (H. v.), Principles of anatomy and physiology, 1852.

NÄGELI (C.), Memoir on vegetable cells, 1845.

Cellulose. FLÜCKIGER (F. A.), Über Stärke und Cellulose, 1871.

CELSUS (Aurelius Cornelius).

Of medicine, in eight books : translated [from the Latin], with notes, by J. Greive; revised, with additional notes, by G. Futvoye. Third edition. London, 1837. 28 + 468 p.

First four books of C. : an interlineal translation of the first and third books, with ordo and text, by C. Gerard, revised by R. Venables; the second and fourth books, with ordo and text, translated, and the whole corrected, by G. Futvoye. Second edition. London, 1837. 8 + 444 p.

Census. See GREAT BRITAIN AND IRELAND.

Cephaëlis ipecacuanha. See Ipecacuanha.

Ceramics. See Pottery.

Cetraria Islandica. BERG (T.), Zur Kenntniss des in der Cetr. Isl. vorkommenden Lichenins und jodbläuenden Stoffes, 1872.

Cévennes. PLANCHON (G.), Matériaux pour la flore médicale, 1868.

Ceylon.

BURMANN (J.), Thesaurus Zeylanicus, exhibens plantas, 1737.

THWAITES (G. H. K.) & J. D. HOOKER, Enumeratio plantarum Zeylaniæ, enumeration of Ceylon plants, 1858–64.

CEYLON MEDICAL SCHOOL. Report, 1870–3. [Colombo, 1873 ?] 2 + 12 p.

Chain cables. LINDSEY (G.), Pens, Anchors, etc., 2nd ed., 1878.

Challes. GARRIGOU (F.), Étude chimique sur la source sulfurée sodique forte et iodo-bromurée de Challes, 1876.

CHALMERS (Rev. Thomas). On the power, wisdom, and goodness of God, as manifested in the adaptation of external nature to the moral and intellectual constitution of man. London, 1833. 2 v., bound in 1. (Bridgewater treatises, 1.)

Chalybeat waters. See Water.

CHAMBERLAIN (William). Tirocinium medicum; or, Dissertation on the duties of a youth apprenticed to the medical profession. London, 1812. 24 + 256 p. + 1 pl.

CHAMBERS (E.). See BOERHAAVE (H.), New method of chem., 1727.

CHAMBERS (Robert). *See Vestiges of the natural history of creation*, 10th ed., 1853.

— & William CHAMBERS. *Memoir of R. & C.*, with autobiographic reminiscences of W. C. Fifth edition. Edinburgh, 1872. 352 p. + engraved t.-p. with por.

CHAMBERS' (William & Robert) Educational course. (*See the respective authors.*)

MACADAM (S.), *Practical chemistry*, 1866.

WILSON (G.), *M.D.*, *Chemistry*, 2nd ed., [1856?].

— *Inorganic chemistry*, 3rd ed., 1866; 4th ed., 1871.

CHAMBERS (William Frederic). *See SCUDAMORE (C.)*, *Letter to Dr. Chambers on gout*, 1839.

Chameleon. MURRAY (J.), *Experimental researches on the phenomena of the chameleon*, 1826.

CHAPMAN (Ernest Theophron). *See WANKLYN (J. A.) & E. T. C.*, *Water analysis*, 1868; 3rd ed., 1874; 4th ed., 1876; 5th ed., 1879.

CHAPMAN (N.). *Elements of therapeutics and materia medica*; [with] two discourses on the history and improvement of the *materia medica*. Fourth edition. Philadelphia. 2 vol., *bound in 1*.

CHAPMAN (Samuel). *See ASTRUC (J.)*, *Treatise on the venereal disease*, translation and abridgement, 2nd ed., 1770.

CHAPTAL (Jean Antoine Claude).

Elements of chemistry; translated from the French [by W. Nicholson]. Third edition. London, 1800. 3 vol.

Chemistry applied to arts and manufactures; [translated from the French]. London, 1807. 4 vol. 2 copies.

See also Annales de chimie.

CHARAS (Moïse). *Royal pharmacopœia*, Galenical and chymical, according to the practice of the physitians of France; Englished [from the French]. Lond., 1678. 8 + 284 + 248 p. + 6 pl.

Charcoal.

BIRD (J.), *Medicinal & econom. properties of veget. charcoal*, 1855.

LEARED (A.), *On the successful treatment of flatulence*, 1865.

STENHOUSE (J.), *On the economical applications of charcoal to sanitary purposes*, 1855.

CHARING CROSS HOSPITAL, *London*. *Pharmacopœia in usum Nosocomii apud Charing Cross*. Londini, 1843. 36 p., interleaved.

CHARLESWORTH (Edward). *See Annals and mag. of natural history*

CHARLEY (William Thomas). *Flax and Linen*. (*In BEVAN, G. P.*, British manuf. industries, 2nd ed., 1877, Wool, etc., p. 57-119.)

CHARRAS (Moses). *See CHARAS (M.)*.

CHARTERIUS (Renatus). *See HIPPOCRATES & GALEN*, *Opera*, 1638-89.

CHAUCER (Geoffrey). *Poetical works*. Edinburgh, 1782. V. 6. (Bell's edition of the poets.)

CHAUDÉ (Ernest). *See* BRIAND (J.) & E. C., *Manuel complet de médecine légale*, 8me éd., 1869.

Chaulmoogra oil. LEPAGE (R. C.), *Papers on gynocardia odorata*, from which chaulmoogra oil is obtained, 2nd ed., 1878.

Cheese.

EVANS (M.), *Butter and Cheese*, 2nd ed., 1878.

WANKLYN (J. A.), *Milk-analysis*, 1873.

Chelsea Botanic Garden.

SOCIETY OF APOTHECARIES OF LONDON, *Index plantarum officinallium*, [I. Rand], 1730.

— *Memoirs*, by H. Field, 1820 ; by Field and Semple, 1878.

— *Catalogus plantarum medicin.*, curante J. L. Wheeler, 1830.

Cheltenham waters. SMITH (J.), *Observations*, 1786.

Chemical gazette ; or, Journal of practical chemistry, in its applications to pharmacy, arts, and manufactures ; conducted by W. Francis & H. Croft. London, [1842-5 ; 1849-59]. V. 1-3, 7-17.

Note.—For continuation, see Chemical news.

Chemical manufactory's directory of England, Scotland, and Ireland. [Second edition.] London, 1868. 16 p.

Chemical news, [and journal of physical science] ; with which is incorporated the Chemical gazette : a journal of practical chemistry, in its applications to pharmacy, arts, and manufactures ; edited by W. Crookes. London, [1860]-79. Vol. 1-40, por.

Note.—Vol. 2 wants p. 193-204 ; v. 20 wants p. 109-20.

CHEMICAL SOCIETY OF LONDON.

Memoirs [and proceedings], 1841-[8]. London, 1843-8. 3 v., pl.

Note.—Vol. 1 is in two parts, one being entitled Memoirs, the other Proceedings ; v. 2-3 have the title Memoirs and proceedings.

Journal ; edited by E. Ronalds [and H. Watts]. London, 1849-79. Vol. 1-9, 11-12, 14-36 ; pl., tab.

Note.—Vol. 1-14 are entitled Quarterly journal ; v. 16-28 are also numbered 1-13 of the second series.

Index to the first 25 volumes of the Journal, and to the Memoirs and proceedings ; compiled by H. Watts. London, 1874.

Catalogue of the library. London, 1869. 112 p.

Same. [New edition.] London, 1874. 138 p.

List of officers and fellows. London, 1869, '70, '71, '75, '77, '79.

Chemisches Central-Blatt ; [Repertorium für reine, pharmaceutische, physiologische und technische Chemie ; redigirt von W. Knop] ; neue Folge. Leipzig, [1858-60]. Jahrg. 3, Nr. 44-60 ; Jahrg. 4 ; Jahrg. 5, Nr. 1.

Chemist, The. London, 1824-5. Vol. 1-2, *all published*.

Note.—See next p. for another publication under this title.

Chemist, The.

Chemist, The; or Reporter of chemical discoveries and improvements, and protector of the rights of the chemist and chemical manufacturer; edited by C. and J. Watt, [and J. H. Newton]. London, 1840-[7]. Vol. 1-8.

Note.—Vol. 8 wants t.-p., index, and p. 431 to end.

Chemist, The; a monthly journal of chemical philosophy, and of chemistry applied to the arts, manufactures, agriculture and medicine, and record of pharmacy; edited by J. and C. Watt; new series. London, 1849-53. 4 vol.

Chemist, The; a monthly journal of chemical and physical science; edited by J. and C. Watt; [third] series. Lond., 1854-8. V. 1-5.

[**Chemist and druggist;** a monthly trade circular, or journal. London, 1859-79.] 20 vol. in 21; pl., por.

Note.—The numbering of the volumes is irregular, no. 16 having been omitted; vol. 1 wants title-page.

Chemist and druggist [of London]; with Australasian supplement, published under direction of Pharmaceutical Society of Victoria. Melbourne, 1878-9. Nos. 1-7, 9-17.

Note.—Nos. 9-17 contain the supplement only.

Chemistry, including Chemical analysis and Chemical technology.

(See also Alchemy;—Atomic theory, and similar headings.)

ABEL (F. A.) & C. L. BLOXAM, Handbook of chemistry, 1854.

ACCUM (F.), System of chemistry, 2nd ed., 1807.

— Practical essay on chemical reagents or tests, 1816.

— *Same*, Practical treatise on chemical tests, 2nd ed., 1818.

— *Fr.*, Traité pratique sur réactifs chimiques, 1819.

AIKIN (A. & C. R.), Dictionary of chemistry, 1807.

— Account of recent discoveries, appendix to Dictionary, 1814.

ALLEN (A. H.), Introduction to commercial organic analysis, 1879.

Analyst, incl. proceedings of Soc. of Public Analysts, 1876-9.

ANTHON (E. F.), Handwörterbuch der chemisch-pharmazeutischen [und] technisch-chemischen... Nomenklaturen, 2e Aufl., 1861.*

Annalen der Chemie und Pharmacie, 1843-74; J. Liebig's Annalen der Chemie, 1874-9.

Annalen der Physik und Chemie, von J. C. Poggendorff, 1858-9.

Annales de chimie, 1789-15; Annales de chimie et de physique, 1816-79.

Annals of chymistry and practical pharmacy, 184[2-]3.

Annals of pharmacy and practical chemistry, 1852-4.

Annals of philosophy, or Magazine of chemistry, etc., 1813-26.

Archiv for Pharmaci og technisk Chemi, 1859-79.

ARMSTRONG (H. E.), Introduction to organic chemistry, 1874.

ASSOCIAZIONE CHIMICO-FARMACEUTICA FIORENTINA, L'Orosi bollettino di chimica, 1878-9.

Chemistry—continued.

- ATTFIELD (J.), *Introduction to pharmaceutical chemistry*, 1867.
- *Chemistry, general, medical, and pharmaceutical*, 2nd ed. [of *Introduction*] 1869; 3rd [U. S.] ed., 1871; 4th ed., 1872; 5th [U. S.] ed., 1873; 6th ed., 1875; 7th [U. S.] ed., 1876; 8th [U. S.] ed., 1879.
- BACHHOFFNER (G. H.), *Chemistry applied to the fine arts*, 1837.
- BAKER (J.), *Epitome of chemistry*, 1838.
- BALMAIN (W. H.), *Lessons on chemistry*, 1844.
- BARFF (F. S.), *Introduction to scientific chemistry*, 3rd ed., 1871.
- BAUMÉ (A.), *Chymie expérimentale et raisonnée*, 1773.
— *Manual of chemistry*, 1786.
- BECHER (J. J.), *Actorum laboratorii chymici Monacensis, seu Physicæ subterraneæ libri duo*, 1681.
- BEDDOES (T.), *Chemical experiments and opinions, extracted from a work [of J. Mayow]*, 1790.
- BEGUIN (J.), *Tyrocinium chymicum, or Chymical essays*, 1669.
- BELL (J.), *Chemical and pharm. processes and products*, 1852.
- BENGAL, MEDICAL DEPARTMENT, [Report of Chemical Examiner's Department, by K. L. Dey, 1878?].
- BERGMAN (T. O.), *Essay on the usefulness of chemistry*, 1784.
— *Physical and chemical essays*, 1784; 1788, v. 1, 2; 1791, v. 3.
— *Dissertation on elective attractions*, 1785.
- BERNAYS (A. J.), *Notes for students in chemistry*, 5th ed., 1870.
- BERTHOLLET (C. L.), *Researches into laws of chem. affinity*, 1804.
- BERZELIUS (J. J.), *View of animal chemistry*, 1818.
— *Analysis of inorganic bodies*, 1833.
— *Traité de chimie*, 1829–33; [nouv. éd.,] 1840.
- BEVAN (G. P.), *Industrial classes*, 1876.
- BLACK (J.), *Lectures on chemistry*, 1773–4, ms. *
- BLOXAM (C. L.), *Chemistry*, 1867; 2nd ed., 1872; 3rd ed., 1875.
— *Laboratory teaching*, 1869; 2nd ed., 1871; 3rd ed., 1874.
- BLYTH (A. W.), *Manual of practical chemistry*, 1879.
- BOERHAAVE (H.), *New method of chemistry*, 1727; 2nd ed., 1741; 3rd ed., 1753.
— *Elements of chemistry*, 1735.
- BOOTH (J. C.) & C. MORFIT, *Report on improvements in the chemical arts*, 1851.
- BOUILLOU LAGRANGE (E. J. B.), *Manuel de chimie*, 1802.
- BOUSSINGAULT (J. B. J. D.), *Rural economy*, 2nd ed., 1845.
- BOWMAN (J. E.), *Introduction to practical chemistry, including analysis*, 1848; 4th ed., 1861; 5th ed., 1866; 6th ed., 1871.
— *Practical handbook of medical chemistry*, 1850; 3rd ed., 1855; 4th ed., 1862.

Chemistry—continued.

- BRANDE (W. T.), *Tables shewing the prime equivalents of elementary substances, etc.*, 1828.
- *Manual of chemistry*, 5th ed., 1841; [6th ed.?] 1848.
- & A. S. TAYLOR, *Chemistry*, 1863.
- BRIAND (J.) & E. CHAUDÉ, *Manuel de médecine légale, contenant Traité de chimie légale*, par J. Bouis, 8me éd., 1869.
- BRISSON (M. J.), *Elémens physico-chymiques*, 2e éd., 1803.
- BRITISH PHARMACEUTICAL CONFERENCE, *Year-book of pharmacy, etc.*, 1870–9.
- BROUSSE (J.), *Synthèses de pharmacie et de chimie*, 1862.
- BROWN (A. C.) & T. R. FRASER, *On the connection between chemical constitution and physiological action*, 1868–9.
- CALVERT (F. C.) & E. FERRAND, *Mémoire sur la végétation considérée sous le point de vue chimique*, 1844.
- CHAPTAL (J. A. C.), *Elements of chemistry*, 3rd ed., 1800.
- *Chemistry applied to arts and manufactures*, 1807.
- Chemical gazette**, 1842–5, 1849–59.
- Chemical manufactories' directory of England, Scotland, and Ireland**, [2nd ed.,] 1868.
- Chemical news**, ed. by W. Crookes, 1860–79.
- CHEMICAL SOCIETY OF LONDON, *Memoirs [and proceedings]*, 1841–8.
- *Journal*, [formerly Quarterly journal,] 1849–79.
- *Catalogue of library*, 1869; [new ed.,] 1874.
- *List of officers and fellows*, 1869, '70, '71, '75, '77, '79.
- Chemisches Central-Blatt**, 1858–60.
- Chemist**, The ; 1824–5, *all published*;—1840–7, 1849–58.
- Chemist and druggist**, 1859–79.
- Chemists' and druggists' diary**, 1872–4, 1878–80.
- Chemist's desk companion**, by C. H. Wood and C. Sharp, 1865–6.
- CHEVALLIER (J. B. A.), *Traité de ... chimie judiciaire*, 1868.
- CHICAGO COLLEGE OF PHARMACY, *Pharmacist and chemical record*, 1868–71.
- CHURCH (A. H.), *Acids, alkalies, and chem. products*, 2 ed., 1877.
- *Laboratory guide ... agricultural chemistry*, 1864; 3 ed., 1874.
- CHURCH (H. J.), *Chem. processes of British pharmacopoeia*, 1864.
- CLOWES (F.), *Elementary treatise on practical chemistry and qualitative inorganic analysis*, 1874.
- COOKE jun. (J. P.), *First principles of chemical philosophy*, 1870.
- COOPER (W.), *Catalogue of chymicall books*, 1675[–88].
- CRELL (L. v.), *Chemical journal*, 1791–3.
- CROOKES (W.), *Select methods in analysis, chiefly inorganic*, 1871.
- DALTON (J.), *New system of chemical philosophy*, 1810–27, v. 1, pts. 1–2; 2nd ed., 1842, v. 1, pt. 1.

Chemistry—continued.

- DANIELL (J. F.), *Introd. to chemical philosophy*, 1839; 2 ed., 1843.
DAUBENY (C. G. B.), *On importance of study of chemistry*, 1855.
DAVY (H.), *Collected works*, ed. by J. Davy, 1839–40.
— *Elements of chemical philosophy*, 1812.
— *Elements of agricultural chemistry*, 6th ed., 1839.
DEUTSCHE CHEMISCHE GESELLSCHAFT ZU BERLIN, *Berichte*, 1873–9.
DICKSON (Ste.), *Essay on chemical nomenclature*, 1796.
DOSSIE (R.), *Elaboratory laid open*, 1758.
— *Institutes of experimental chemistry*, 1759.
DOUGLAS (S. H.) & A. B. PRESCOTT, *Qualitative analysis*, 1873.
DRAGENDORFF (G.), *Beiträge zur gerichtlichen Chemie einzelner organischer Gifte*, 1872.
— *Die chemische Werthbestimmung einiger Drogen*, etc., 1874.
— *Fr., Analyse chimique de quelques drogues actives*, 1876.
— *Über einige Heilmittel, [Einige Notizen zur gerichtlichen Chemie, etc.]*, 1878].
DUMAS (J. B.), *Traité de chimie appliquée aux arts*, 1828–46.
— & J. B. J. D. BOUSSINGAULT, *Chemical and physiological balance of organic nature*, 3rd ed., 1844.
DUNCAN jun. (A.), *Edinburgh new dispensatory, containing pharmaceutical chemistry*, 1803; 2nd ed., 1804; 3rd ed., 1806; 4th ed., 1808; 6th ed., 1811.
EDE (R. B.), *Practical facts in chemistry*, 1837.
[*Edinburgh new dispensatory, containing elements of pharmaceutical chemistry*, 2nd ed., 1788?]; 5th ed., 1797.
Edinburgh philosophical journal, 1819–26.
ELIOT (C. W.) & F. H. STORER, *Manual of inorganic chemistry*, 2nd ed., 1868.
ELSNER (F.), *Grundriss der pharmaceutischen Chemie*, 1875.
FARADAY (M.), *Chemical manipulation*, [2] ed., 1830; 3 ed., 1842.
— *Experimental researches in Chemistry*, 1859.
— *Subject matter of six lectures on the non-metallic elements, with additions by J. Scoffern*, 1853.
FLEISCHER (E.), *System of volumetric analysis*, 1877.
FLÜCKIGER (F. A.), *Pharmaceutische Chemie*, 1879 [*p. 1878*].
FOURCROY (A. F. DE), *Elements of natural history and chem.*, 1790.
— *Philosophy of chemistry*, tr. from 2nd ed., 1800.
— *Chemical philosophy*, tr. from 3rd ed., by W. Desmond, 1807.
— *Synoptic tables of chemistry*, 1801.
— *General system of chemical knowledge*, 1804.
FOWNES (G.), *Chemical tables, for junior students*, 1846.
— *Chemistry exemplifying wisdom and beneficence of God*, 1844.
— *Introduction to qualitative analysis*, 1846.

Chemistry—continued.

- FOWNES (G.)—*continued*, Manual of elementary chemistry, 1844 ; 5th ed., 1854 ; 9th ed., 1863 ; 11th ed., 1872 ; 12th ed., 1877.
- FRANKLAND (E.), Lecture notes, 1866 ; 2nd ed., 1870-2.
- Experimental researches in pure, appl. & physic. chem., 1877.
- FRESENIUS (C. R.), Instruction in qualitative analysis, 1843 ; 6th ed., 1864 ; 7th ed., 1869 ; 8th ed., 1872 ; 9th ed., 1876.
- System of instruction in quantitative analysis, 3rd ed., 1860 ; 4th ed., 1865 ; 5th ed., 1870 ; 6th ed., 1873 ; 7th ed., 1876.
- FUCHS (J. N. v.), Gesammelte Schriften, 1856.
- FUNKE (O.), Atlas of physiological chemistry, 1853. *
- GALLOWAY (R.), Manual of qualitative analysis, 1850 ; 4th ed., 1864 ; 5th ed., 1870.
- First step in chemistry, 3rd ed., 1860 ; 4th ed., 1868.
- Second step in chemistry, 1864.
- GARNETT (T.), Outlines of a course of lectures on chem., 1797.
- GERHARDT (C.), *Traité de chimie organique*, 1860-2.
- GIBSON (B. W.), Chemical addenda, 1866.
- GLAUBER (J. R.), Works, 1689.
- GMELIN (L.), Handbuch der Chemie, 3e Aufl., 1829-30 ; 4e Aufl., 1846-65.
- Eng., Handbook of chemistry, tr. by H. Watts, 1848-72.
- GORE (G.), Art of scientific discovery, 1878.
- GOURDIN (T.), Synthèses de pharmacie et de chimie, 1862.
- GRAHAM (T.), Elements of chemistry, including application in the arts, 1842 ; 2nd ed., 1850-8.
- Chemical reports and memoirs, 1848.
- & F. J. OTTO, G.-O.'s ausführliches Lehrbuch der Chemie, 3e Aufl., 1854-5.
- GREAT BRITAIN AND IRELAND, COMMISSIONERS FOR THE EXHIBITION OF 1862, Jury report on chemical products and processes.
- GREGORY (W.), Letter on the state of the schools of chemistry in the United Kingdom, 1842.
- Outlines of chemistry, 1845.
- Handbook of organic chemistry, 3rd ed. [of Outlines], 1852.
- Handbook of inorganic chemistry, 3rd ed., 1853 ; 4th ed., 1857.
- GRIFFIN (J. J.), Chemical recreations, 10th ed., 1854-60.
- GRIFFITHS (T.), Chemistry of the four seasons, 1853.
- GUTHRIE (F.), Elements of heat and non-metallic chem., 1868.
- GUY'S HOSPITAL, Syllabus of chemical lectures, 1789 ; 1797 ; 1802 ; 1816 ; 1822.
- HAMILTON (G.), Suggestions for new system of nomenclature, 1866.
- HARCOURT (A. G. V.) & H. G. MADAN, Exercises in practical chemistry, qualitative, 1869.

Chemistry—continued.

- HENRY (W.), *Epitome of chemistry*, 3rd ed., 1803 ; 4th ed., 1806.
 — *Elements of experimental chemistry*, 6th ed. [of *Epitome*],
 1810; 9th ed., 1823 ; 11th ed., 1829.
- HIGGINS (B.), *Experiments and observations relating to subjects
in chemical philosophy*, 1786.
- HOFFMANN (F.), *Observationum physico-chymicarum selectiorum
libri 3*, 1736.
- HOFMANN (A. W.), *Introduction to modern chemistry*, 1866.
- HOFMANN (J. P.), *Acht Tafeln zur Beschreibung des chemischen
Laboratoriums zu Giessen*, 1842.
- HOPE (W.), *Practical chemist's pocket guide*, 1845.
- INSTITUTE OF CHEMISTRY, *London*, *Register*, 1878–9.
- JÁBIR IBN HAYYÁN or GEBER, *Summa perfectionis, etc.*, 1682.
- Jahresbericht über die Fortschritte der reinen, pharmaceutischen
und technischen Chemie**, 1851[–67].
- *Eng.*, *Annual report of progress of chem.* [v. for 1847–50].
- JOHNSTON (J. F. W.), *Chem. of common life*, 1856 ; new ed., 1879.
 — *Elements of agricultural chemistry and geology*, 9th ed., 1871.
- Journal de chimie médicale*, 1825–37 ; 1839–47 ; 1857–70.
- Journal de pharmacie et de chimie : Bulletin de pharm.*, 1809–14.
 — *Journal de pharmacie et des sciences accessoires*, 1815–41.
 — *Journal de pharmacie et de chimie*, 1842–79.
- Journal für praktische Chemie*, 1858–9.
- Journal of materia medica, chemistry, &c.*, 1859–62 ; 1867–76.
- Journal of natural philosophy, etc.*, by W. Nicholson, 1802–13.
- Journal of science, and annals of ... technology*, 1879.
- KANE (R. J.), *Elements of chemistry, including applications to
medicine and pharmacy*, 1842 ; 2nd ed., 1849.
- KENSINGTON (E. T.), *Chemical composition of foods, waters, soils,
minerals, manures & miscellaneous substances*, 1877.
- KINGZETT (C. T.), *Animal chemistry*, 1878.
- KLAPROTH (M. H.), *Mémoires de chimie, contenant des analyses
de minéraux*, 1807.
- KNAPP (F. C.), *Chemical technology*, 1848–51 ; 2nd ed., 1855–67.
- Laboratory**, a weekly record of scientific research, 1867.
- LAMOTTE-BERTIN (J. A. T. DE), *Synthèses chimiques et pharmaceutiques*, 1846.
- Lancet**, [journal of medicine, chemistry, etc.], 1823–79.
- LAURENT (A.), *Chemical method, notation, classification, etc.*, 1855.
- LAVOISIER (A. L.), *Traité élémentaire de chimie*, 1789.
 — *Eng.*, *Elements of chemistry*, 1790 ; 3rd ed., 1796.
- LE FE'VRE (N.), *Traité de la chymie*, 2e éd., 1669.
 — *Eng.*, *Compleat body of chymistry*, 1670.

Chemistry—continued.

- LEHMANN (C. G.), Lehrbuch der physiologischen Chemie, 1850–2.
 — Eng., Physiological chemistry, 1851–4.
- LEMERY (N.), Cours de chymie, nouv. éd., 1756.
 — Eng., Course of chymistry, 1677; 2nd ed., 1686.
 — Appendix to Course, 1680.
- LIEBIG (J. v.), Organic chemistry in its applications to agriculture and physiology, 1840 ; 4th ed., 1847.
- Animal chemistry, or Organic chemistry in its applications to physiology and pathology, 1842.
- Familiar letters on chemistry, 2nd ser., 1844 ; 3rd [complete] ed., 1851 ; 4th [complete] ed., 1859.
- Chemistry and physics in relation to physiology, etc., 1846.
- Researches on the chemistry of food, 1847.
- Researches on motion of juices in the animal body, 1848.
- Handbook of organic analysis, 1853.
- Life-work of L. in experimental and philosophical chemistry, by A. W. Hofmann, 1876.
- LÖWIG (C.), Principles of organic and physiological chem., 1853.
- ULLIUS (R.), Libelli aliquot chemici, 1600.
- Codicillus seu Vade mecum, postrema ed., 1651.
- MACADAM (S.), Practical chemistry, 1866.
- MACQUER (P. J.), Elem. of theory and practice of chym., 1758.
 — Dictionary of chemistry, 2nd ed., 1777–9.
- Medical and physical journal, containing information on medicine, chemistry, etc., 1799–1821.**
- Medical times: Pharmaceutical repertory, containing improvements in chemistry, etc., 1844–6.**
- MILLAR (J.), Elements of chemistry, with its application to explain the processes of arts, 1820.
- MILLER (W. A.), Elements of chemistry, 1855–7 ; 2nd ed., 1860–2 ;
 3rd ed., 1863–7 ; 4th ed., 1868–9, v. 2–3 ; 5th ed., 1872–4,
 v. 1–2 ; 6th ed., 1877–8, v. 1–2.
 — Introduction to inorganic chemistry, new ed., 1871.
- MITCHELL (J.), Manual of agricultural analysis, 1845.
- MITSCHERLICH (S. L.), Practical and experimental chemistry, adapted to arts, 1838.
- MONRO (D.), Appendix to Treatise on medical and pharmaceutical chymistry, 1790.
- MORFIT (C.), Chemical and pharmaceutic manipulations, 1850.
- MULDER (G. J.), Liebig's question tested by morality and science, 1846.
 — Chemistry of animal and vegetable physiology, 1849.
- MURRAY (Dr. J.), System of chemistry, 1806–7.

Chemistry—continued.

- MUSPRATT (J. S.), Chemistry, as applied and relating to arts and manuf., [1853-61]; [new ed., by C. W. Vincent, 1877-9?].
- MUTER (J.), Introduction to pharmaceutical and medical chemistry, [1874]; [2nd ed., 1879].
- Introduction to analytical chemistry, practical portion of [Introd. to pharm. and med. chem.], 2nd ed., [1879].
- NAPIER (J.), Manual of dyeing [including chemistry], 1853; 3rd ed., 1875.
- NAQUET (A.), Principles of chemistry, 1868.
- NEUMANN (C.), Chemical works, 1759; 2nd ed., 1773.
- NEWCASTLE-UPON-TYNE CHEMICAL SOCIETY, Transactions, 1869-79.
- NICHOLSON (W.), Dictionary of chemistry, 1795; 1808.
- NISBET (W.), General dictionary of chemistry, 1806.
- NOAD (H. M.), Manual of chemical analysis, 1863-4.
- NORMANDY (A.), Practical introduction to Rose's Treatise on chemical analysis, 1849.
- Commercial hand-book of chemical analysis, 1850; n. ed., 1875.
- The farmer's manual of agricultural chemistry, 1853.
- Chemical atlas, or tables, shewing qualitative analysis, 1857.
- Dictionaries to the Chemical atlas, 1857.
- ODLING (W.), Manual of chem., descriptive and theoretical, 1861.
- Course of practical chemistry, 2nd ed., 1865.
- Lectures on animal chemistry, 1866.
- Outlines of chemistry, 1870.
- OWEN (R. J.), Chemists and druggists' compendium of receipts and processes, 1871.
- PARKES (S.), Chemical essays, relating to arts and manuf., 1815.
- PARKINSON (J.), Chemical pocket-book, 3rd ed., 1803.
- PARNELL (E. A.), Elem. of chemical analysis, 1842; n. ed., 1845.
- Applied chemistry, 1844, v. 2.
- PAYEN (A.), Industrial chemistry, ed. by B. H. Paul, 1878.
- PEIRCE (C. H.), Examinations of chemicals, 1852.
- PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Universal International Exhibition, report on exhibits, by B. H. Paul, etc., 1878.
- Pharmaceutical times, a journal of chemistry, 184[6-]7.
- Philosophical magazine, or Annals of chemistry, etc., 1827-32.
- PLAYFAIR (L.), Chemical principles involved in the manufactures of the [Great] Exhibition, 1852.
- PREScott (A. B.), Outlines of proximate organic analysis, 1875.
- PRIESTLEY (J.), Heads of lectures on ... chemistry, 1794.
- PROUT (W.), Chemistry considered with reference to natural theology, [2nd ed.,] 1834.
- RASPAIL (F. V.), New system of organic chemistry, 1834.

Chemistry—continued.

- REGNAULT (H. V.), Elements of chemistry, 1852.
- REID (D. B.), Elements of chemistry, 3rd edition, 1839.
- REID (H.), Chemistry of science and art, 1840.
- RICH (S. W.), New and old notation, in a set of tables, 1866.
- Analyst's annual note-book, 1874.
- RICHARDSON (W.), Chemical principles of the metallic arts, 1790.
- RODWELL (G. F.), Birth of chemistry, 1874.
- ROSCOE (H. E.), Lessons in elementary chemistry, 1866 ; new ed., 1869 ; 1873 ; 1878.
- & C. SCHORLEMMER, Treatise on chemistry, 1877-9.
- ROSE (H.), Practical treatise of chemical analysis, 1848-9.
- Traité complet de chimie analytique, 1859-62.
- ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia Londinensis, with praxis of chymistry, 5 ed., by W. Salmon, 1696, *etc.*
- London manual of medical chemistry, translation of the pharmacopœia, *etc.*, by W. Maughan, 1831.
- SCHEELE (C. W.), Chemical observations on air and fire, 1780.
- Chemical essays, 1786.
- S., chimiste suédois, étude biographique, par P. A. Cap, 1863.
- SCHÖDLER (F.), Book of nature, 1851.
- SCHORLEMMER (C.), Manual of chemistry of carbon compounds, or organic chemistry, 1874.
- SHAW (P.), Chemical lectures, read 1731-3.
- SHUTTLEWORTH (U. J. KAY-), First principles of modern chemistry, inorganic, 1868 ; 2nd ed., 1870.
- SOCIÉTÉ CHIMIQUE DE PARIS, Bulletin, 1859-67.
- Répertoire de chimie appliquée, 1860-3.
- Répertoire de chimie pure, 1860-2.
- SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829-38, v. 4 (*see*).
- SOLLY (E.), Rural chemistry, 1843.
- STAMMER (K.), Chemisches Laboratorium, 1856-7.
- STÖCKHARDT (J. A.), Experimental chemistry, by Heaton, 1872.
- STORER (F. H.), First outlines of dictionary of solubilities, 1864.
- SUTTON (F.), Systematic handbook of volumetric analysis, 1863 ; 2nd ed., 1871 ; 3rd ed., 1876.
- SWEDENBORG (E. SWEDBERG, Baron v.), Some specimens of a work on chemistry, 1847.
- Synopsis* of the chemical decompositions in the preparations of the London pharmacopœia, 1822.
- TACHENIUS (O.), Hippocrates chymicus, 1677 ; 1690.
- THENARD (L. J.), Essay on chemical analysis, 1819.
- THIBAUT (P.), Art of chymistry, 1668.

Chemistry—continued.

- THOMSON (T.), System of chemistry, 1802; 2nd ed., 1804; 3rd ed., 1807; 4th ed., 1810; 5th ed., 1817; 6th ed., 1820.
- System of chemistry, inorganic bodies, 7th ed., 1831.
- Chemistry of organic bodies, vegetables, 1838.
- Chemistry of animal bodies, 1843.
- History of chemistry, 1830–1.
- THORPE (T. E.), Quantitative chemical analysis, 1873.
- & M. M. P. MUIR, Qualitative chemical analysis and laboratory practice, 1874.
- THUDICHUM (J. L. W.), Manual of chemical physiology, 1872.
- TIDY (C. M.), Handbook of modern chemistry, 1878.
- TILDEN (W. A.), Introduction to study of chem. philosophy, 1876.
- TILLMAN (S. D.), New chemical nomenclature, 1866.
- TOMMASI (D.), Sull' equilibrio termico nelle azioni chimiche, 1879.
- TURNER (E.), Elements of chemistry, 5th ed., 1834; 6th ed., 1837; 7th ed., 1842.
- URE (A.), Chemistry simplified, in testing of alkalies, *etc.*, 1844.
- Dictionary of chemistry, 2nd ed., 1824.
- VALENTIN (W. G.), Laboratory text-book of practical chem., 1871.
- Introd. to inorganic chemistry, 2nd ed., 1872; 3rd ed., 1876.
- Course of qualitative analysis, 3rd ed., 1874.
- Twenty lessons in inorganic chemistry, 1879.
- VOGEL (R. A.), Institutiones chemiæ, 1762.
- WAGNER (R.), Handbook of chemical technology, 1872.
- WALL (M.), Syllabus of lectures in chemistry, 1782.
- Dissertations on select subjects in chemistry, *etc.*, 1783.
- WATTS (H.), Dictionary of chemistry, 1863–79.
- WELDON (W.), Popular explanation of chemistry, [1824 ?].
- WIEGLEB (J. C.), General system of chemistry, 1789.
- WILL (H.), Outlines of qualitative analysis, 1846.
- WILLIAMS (C. G.), Handbook of chemical manipulation, 1857.
- WILLIAMSON (A. W.), Chemistry for students, 1865; n. ed., 1868; 3rd ed., 1873.
- WILLSON (A. R.), Chemical notes for pharm. students, 1875.
- WILSON (G.), Compleat course of chymistry, 4th ed., 1721.
- Course of practical chemistry, by W. Lewis, 1746.
- WILSON (G.), M.D., Chemistry, 2nd ed., [1856 ?].
- Inorganic chemistry, 3rd ed., 1866; 4th ed., 1871.
- WITTSTEIN (G. C.), Practical pharmaceutical chemistry, 1853.
- Organic constituents of plants, 1878.
- WÖHLER (F.), Analytical chemist's assistant, 1853.
- WOOD (T.), Chemical notes for lecture room, 3rd ed., 1871, *etc.*
- WORMLEY (T. G.), Micro-chemistry of poisons, 1867.

Chemistry—continued.

- WURTZ (C. A.), *Introduction to chemical philosophy*, 1867.
 — *History of chemical theory*, 1869.
 — *Dictionnaire de chimie*, 187[3]–8.
 — *Elements of modern chemistry*, 1879.
 YOUNMANS (E. L.), *Chemical atlas*, 1855.
 Z. (A.), *Remarks on Dossie's Institutes of chemistry*, 1760.
 [Chemists' and druggists' diary and pharmaceutical text book, 1872–4; 1878–80. London, 1871–3; 1877–9.] Years 4–6, 10–12.
Note.—Years 4 and 6 have no title-page.
CHEMISTS AND DRUGGISTS' TRADE ASSOCIATION OF GREAT BRITAIN, Birmingham. Annual report, and list of members and donors. Birmingham, [1877–9]. Reports 1–3.
CHEMISTS' ASSISTANTS' ASSOCIATION, London. [Report, rules, etc. London, 1878.] 4 p., n. t.-p.
Chemist's desk companion : Year-book of pharmacy, materia medica and chemistry ; edited by C. H. Wood and C. Sharp. London, 1865–6. 2 vol. in 1.
Cherry laurel. *See Prunus laurocerasus.*
CHESELDEN (William). *Anatomy of the humane body ; [also Syllabus, sive index anatomicus, editio secunda].* London, 1713. 24 + 272 p. + 23 pl., wanting p. 31–2, and pl. 2.
Chest. *See HOSPITAL FOR CONSUMPTION, etc., Pharmacopœia*, 1848.
CHEVALLIER (A.). *See CHEVALLIER (J. B. A.).*
CHEVALLIER (Jean Baptiste Alphonse).
 Des accidens auquels sont exposés les couteliers-émonleurs et aiguiseurs. [Paris, 1836.] 24 p. + 1 pl.
 Du sang, ses caractères, ses propriétés ; moyens de reconnaître les taches produites par ce liquide. [Paris, 1839.] 32 p., n. t.-p.
 Nouveaux poids et nouvelles mésures. [Anon.] [Paris,] 1839. 6 p., n. t.-p.
 Recherches sur l'hydrogène arsénier et observations sur l'appareil de Marsh ; [Sur l'iодure d'arsenic]. Paris, 1839. 40 p.
 Assainissement des villes : [ville de Bruxelles. Paris, 1840.] 8 p., n. t.-p.
 Notice sur le papier de riz, sa nature, la possibilité d'imprimer sur cette tissu, de peindre, etc. Paris, 1840. 12 p.
Note.—Printed on rice paper.
 Mémoire sur les incendies et inflammations spontanées. [Paris, 1841.] 80 p., n. t.-p.
 Notice sur la rupture de l'appareil de M. Thilorier pour la préparation de l'acide carbonique, et sur le mort de M. Hervy. [Paris,] 1841. 16 p., n. t.-p.
 Sur la falsification du sucre de canne par la glucose, moyens de reconnaître cette falsification. [Paris, 1843.] 16 p.

CHEVALLIER (Jean Baptiste Alphonse)—*continued.*

Dictionnaire des altérations et falsifications des substances alimentaires, médicamenteuses et commerciales, avec l' indication des moyens de les reconnaître. Troisième édition. Paris, 1857–8. 2 tomes, 12 pl.

Traité de toxicologie et de chimie judiciaire. Paris, 1868.
Pages 1–256, 273–304.

See also Journal de chimie médicale, etc., 1825–47, 1857–70.

— & J. BOYS DE LOURY. Essais sur les moyens à mettre en usage dans le but de rendre moins fréquent le crime d'empoisonnement. Paris, 1835. 14 p.

—, T. GOBLEY & E. JOURNEIL. Essais sur le vinaigre, ses falsifications, les moyens de les reconnaître, d'apprécier sa valeur. [Paris, 1843.] 28 p., n. t.-p.

—, M. J. B. ORFILA & C. P. OLLIVIER. Triple accusation d'empoisonnement. [Paris, 1842.] 64 p.

CHEVREUL (Michel Eugène).

Physical investigations on dyeing: on the influence that two colours may exercise upon each other when seen simultaneously.

(In GRAHAM, T., Chemical reports, 1848, p. 165–239.)

See also Annales de chimie et de physique, 2–5me sér.

CHEYNE (George). Essay of health and long life. London, 1724.
4 + 44 + 232 p.

CHICAGO COLLEGE OF PHARMACY.

Pharmacist and chemical record. Chicago, 1868–71. V. 1, no. 2; v. 2, nos. 2–6; v. 3; v. 4, nos. 1–6, 8–9, 11–12.

Chicago College fund; list of contributions by the pharmacists of Great Britain, 1871–4. Chicago, 1874. 2 + 32 p.

Chicory. FRANZ (A.), Untersuchung des gebrannten Kaffees auf Cichorien, 1876.

CHILDREN (John George). *See THENARD (L. J.), Essay on chemical analysis, 1819.*

China.

BUCHOZ (P. J.), Herbier, ou Collection des plantes médicinales de la Chine, 1781.*

GREAT BRITAIN AND IRELAND, PARLIAMENT, Commercial reports from Her Majesty's consuls in China and Siam, 1869.

HANBURY (D.), Notes on Chinese materia medica, 1862.

— Ger., Beiträge zur Materia medica China's, 1863.

LE SHE-CHIN, [Pun tsaou kang müh, a work on materia medica, in Chinese, originally published about 1596, modern ed.].

LOUREIRO (J.), Flora Cochinchinensis, quibus accedunt [plantæ] observatæ in Sinensi imperio, 1790.

SMITH (F. P.), Contributions to mat. med. & nat. hist. of C., 1871.

China—continued.

- SOUBEIRAN (J. L.) & D. DE THIERSANT, *La matière médicale chez les Chinois*, 1873.
- YVAN (Dr.), *Lettre sur la pharmacie en Chine*, 1847.
- CHINCHON (*Lady Ana de Osorio, Countess of*), *Vice-queen of Peru*.
Memoir of A. de O.; with a plea for the correct spelling of the Chinchona genus; by C. R. Markham. London, 1874. 12 + 100 p. + 3 col. pl.
- Chinchona.** *See Quinology.*
- CHIPPERFIELD (W. N.). *See Madras quarterly journal of medical science*, 1861 ; 1866–7.
- CHIRCHMAIR (Mattia), [*or Matthias KIRCHMAYER?*]. *Grammatica spagnuola e italiana*; [*Gramatica española e italiana*]. Firenze, 1734. 12 + 336 p., 2 t.-p.
- Chirurgery.** *See Surgery.*
- Chloral.**
- FREIRE jun. (D. J.), *Prova escrita do concurso, etc.*, 1874.
 - TOMMASI (D.), *Riduzione del cloralio*, 1878.
- Chlorate of potassium.** *See Potassium, Chlorate of.*
- Chloride of iron.** *See Iron, Chloride of.*
- Chloride of silver.** *See Silver, Chloride of.*
- Chlorine.**
- DOBIE (W. M.), *On chlorine in cholera and diarrhoea*, 1867.
 - GANNAL (J. N.), Two memoirs on the inhalation of diluted chlorine in pulmonary consumption, 1830.
- Chloroform.**
- DUROY (J. L. P.), *Procédés pour découvrir le chloroforme dans le sang et dans les cadavres*, 1851.
 - *Anesthésimètre, nouvel appareil pour le chloroforme*, 1856.
 - FREIRE jun. (D. J.), *Prova escrita do concurso, etc.*, 1874.
 - SOCIÉTÉ MÉDICALE D'ÉMULATION DE PARIS, *Recherches sur les moyens à employer contre les accidens*, 1855.
- Chocolate.** WANKLYN (J. A.), *Tea, coffee, and cocoa analysis*, 1874.
- Cholera.**
- CLARK (B.), *Cholera unmasked*, 1832–3.
 - *Description of gripes of horses, also human cholera explained*, 2nd ed., 1837.
 - DOBIE (W. M.), *On chlorine in Asiatic cholera and choleraic diarrhoea*, 1867.
 - GEORGE (H.), *Practical observations on cholera*, 1834.
 - HANCOCK (J.), *Notice of native oil [and cholera, 1831?]*.
 - *Observations on origin and treatment of cholera*, 1831.
 - HOGG (J.), *Skin diseases, also the fungoid or germ theory of cholera*, 1873.

Cholera—continued.

- JOHNSON (G.), On epidemic diarrhoea and cholera, 1866.
- KENNEDY (J.), History of the contagious cholera, 1831.
- LEWIS (T. R.) & D. D. CUNNINGHAM, Report of researches into the nature of the agent or agents producing cholera, 1872–4.
- MERLETTA (V. F.), Cenno sopra un nuovo rimedio [permanganato di potassa] contro il cholera-morbus, 1866.
— Appendice al Cenno sopra, 1866.
- QUIN (F. F.), Du traitement homœopathique du choléra, 1832.
- SEARLE (C.), Cholera, dysentery, and fever, 1847.
- UNITED STATES OF AMERICA, SURGEON-GENERAL'S OFFICE, Report on epidemic cholera, 1867 ; 1868.
- VENABLES (R.), Nature and treatment of epidemic or Asiatic cholera, 1848.
- Christianity.** PRIESTLEY (J.), Use of C. in difficult times, 1794.
- CHRISTISON (Sir Robert).
Treatise on poisons, in relation to medical jurisprudence, physiology, and the practice of physic. Third edition. Edinburgh, 1836. 24 + 876 p. + 1 pl.
- Dispensatory, or Commentary on the pharmacopœias of Great Britain ; comprising natural history, description, chemistry, pharmacy, actions, uses, and doses of articles of *materia medica*. Edinburgh, 1842. 8 + 44 + 978 p.
- Same.* Second Edition. Edinburgh, 1848. 4 + 42 + 1004 p.
- CHRISTOPHSOHN (Johann). Vergleichende Untersuchungen über das Saponin der Wurzel von *Gypsophila Struthium*, der Wurzel von *Saponaria officinalis*, der Quillajarinde und der reifen Samen von *Agrostemma Githago* ; [Dissertation]. Dorpat, 1874. 52 p. (Kaiserliche Universität Dorpat.)
- Chrysophanic acid.** KEUSSLER (E. v.), Untersuchung der chrysophansäureartigen Substanz der Sennesblätter und der Frangulin-säure nebst Vergleichung derselben mit der Chrysophansäure des Rhabarbers, 1879.
- CHURCH (Arthur Herbert).
Laboratory guide, for students of agricultural chemistry. London, 1864. 8 + 96 p.
- Same.* Third edition. London, 1874. 12 + 224 p.
- Acids, alkalies, soap, and minor chemical products. (*In BEVAN, G. P., British manuf. ind., 2nd ed., 1877, Acids, etc., p. 1–96.*)
- See also* JOHNSON (S. W.). How crops grow, revised, 1869.
- See also* JOHNSTON (J. F. W.), Chem. of common life, new ed., 1879.
- CHURCH (Henry James). Chemical processes of the British pharmacopœia, and the behaviour, with re-agents, of their products. London, 1864. 4 + 120 p. 2 copies, t.-p. w. of 1 copy.

CHURCH (W. S.). *See* ST. BARTHOLOMEW'S HOSP., Reports, 1877-9.
CHURCHILL (John Morss).

See STEPHENSON (J.) & J. M. C., Medical botany, 1831.

Chyle. (*For Chyluria, see Urine.*)

PERCIVAL (T.), Essays, resemblance between chyle & milk, 1767.

CICERO (Marcus Tullius). Opera omnia ex recensione J. A. Ernesti, [cum ejusdem notis et clave Ciceroniana]. Oxonii, 1810. 5 v. in 8.

V. 1.—Rheticorum.

V. 2., pts. 1-2.—Orationes.

V. 3., pts. 1-2.—Epistolæ.

V. 4, pts. 1-2.—Opera philosophica,

acced. fragm. script. deperdit.

V. 5.—Clavis Ciceroniana.

Cicuta.

STÖRCK (A. v.), Libellus, quo demonstratur cicutam, etc., 1760.

— Libellus, quo demonstratur colchici autumnalis radicem, appendix de cicuta, 1763.

Cider. EVELYN (J.), Silva, Pomona, fruit trees in relation to cyder, [4th ed.,] 1706.

Cina. DRAGENDORFF (G.), Über einige Heilmittel, [Materialien zu einer chemischen Werthbestimmung der Flores Cinæ, 1878].

Cinchona, Cinchonidine, and Cinchonine. *See* Quinology.

Circulation. PETTIGREW (J. B.), Physiology of the circulation in plants, lower animals, and man, 1874.

Citrate of bismuth and ammonia. SQUIBB (E. R.), Notes, 1873.

Citrate of quinine. MANDELIN (K. F.), Chinincitrater, 1879.

Citric acid. *See* Borocitric acid.

CLAPTON (Edward). *See* Map of the geographical distribution of the substances contained in the British pharmacopœia of 1867.

Clarendon press series. (*See* the undermentioned works.)

HARCOURT (A. G. V.) & H. G. MADAN, Exercises in practical chemistry, 1869.

STEWART (B.), Elementary treatise on heat, 1866.

THOMSON (W.) & P. G. TAIT, Elements of natural philosophy, 1873, pt. 1.

WILLIAMSON (A. W.), Chemistry for students, 1865; n. ed., 1868; 3rd ed., 1873.

CLARK (Bracy).

An exposure of the corruption of the Saxon name arm's housen into alms houses; and of some other Norman corruptions. [London, 18—.] 8 p., n. t.-p. 2 copies.

Description of two ancient horse-shoes, found near Silbury Hill, in Wiltshire. [London, 18—.] 4 p. + 1 pl., n. t.-p.

Guide to the shoeing forge. [London, 18—.] 8 p., n. t.-p.

The muscles of the posterior extremity of the horse and other domestic quadrupeds. [London, 18—.] 12 p. + 1 pl., n. t.-p.

Essay on the bots of horses, etc. London, 1815. 72 p. + 2 col. pl.

Supplementary sheet [to Essay on bots]; discovery of the fly of the white bot. [London, 1816.] 4 p., n. t.-p.

Appendix or supplement to the Treatise on cestri and cuterebræ of various animals [or Essay on bots. London, 1845]. [14] p., n. t.-p.

CLARK (Bracy)—*continued.*

- Short history of the horse, *etc.* London, 1824. 56 p.
- On the knowledge of the age of the horse by his teeth, with remarks. London, 1826. 6 + 16 p.
- Testimonies communicated by various persons in favor of the expansion shoe [for horses]. London, 1828. 16 p.
- Hippodonomia, or the true structure, laws, and economy, of the horse's foot: also Podophthora, or a ruinous defect in the principle of the common shoe detected and demonstrated, *etc.* Second edition. London, 1829. 142 + 80 p. + 12 pl.
- Remarks on French shoeing by an English shoeing smith, [Menalcas, *i.e.*, B. C.; or a review of Goodwin, the king's farrier. London, 1830]. 6 p., *n. t.-p.*
- Cholera unmasked; its true name, nature, and causes; also a mode of treating it. London, 1832[-3]. 16 p., *n. t.-p.*
- Stereoplea: artificial defence of the horse's hoof considered; also hints for rearing young colts, sound and with good feet. Second edition. London, 1832. 2 + 4 + 54 p. + 3 pl.
- Inflammation of the lungs [in horses. Lond., 1833]. 10 p., *n. t.-p.*
- Pharmacopœia equina; or, New [reformed] pharmacopœia for horses. Third edition. London, 1833. 46 p. + 1 pl.
- Short history of the race-horse, Eclipse. [Lond., 1835.] 4 p., *n. t.-p.*
- Treatise on the bits of horses, chalinologia. Second edition. London, 1835. 64 p. + 3 pl., *n. t.-p.*
- Broken wind, pneumarox, [in horses. Lond., 1837.] 6 p., *n. t.-p.*
- Description of the gripes of horses, and a better mode of treating it; also human cholera explained; shewing its identity with the above, a more successful manner of treating it, its history, &c. Second edition. London, 1837. 28 p.
- Recommendation to farriers and shoeing smiths throughout the United Kingdom, in respect to slicing and cutting away the horn from the frogs of horses' feet. [Third edition.] London, 1837. Broadside.
- Hippiatria; surgery and medicine of horses. London, 1838. 50 p.
- On the vices of horses. London, 1839. [22] p.
- On the conditioning of horses. [London, 1840.] 4 p., *n. t.-p.*
- On casting horses for operations, with description of new casting hobbles. [Second edition.] London, 1842. 4 p. + 1 pl., *n. t.-p.*
- Original remarks on the general framing of the horse. Second edition. London, 1842. Pages 1-8, 17-20; 5 pl.; *n. t.-p.*
- Some account of the circulation of the blood in the foot of the horse. London, 1842. 8 p., *n. t.-p.*
- Description of an economical and useful stove for warming, invented by B. C. [London, 1844.] 6 p. + 1 pl., *n. t.-p.*

- CLARK (D. Kinnear). Railways ; Tramways. (*In BEVAN, G. P., British manuf. industries, 2nd ed., 1877, Ship-building, etc., p. 168–218.*)
- CLARK (Sir James). Remarks on medical reform, in a letter addressed to the Rt. Hon. Sir J. Graham. London, 1842. 30 p.
- CLARK (John). Observations on the diseases which prevail in long voyages to hot countries, particularly on those in the East Indies ; and on the same diseases as they appear in Great Britain. Third edition. London, 1809. 16 + 384 p.
- CLARKE (Edward Goodman).
- Pharmacopœiarum collegiorum regalium Londini, Edinburgi, et Eblanæ, conspectus medicus. Londini, 1810. 10 + 200 p.
- New London practice of physic : characters, causes, and symptoms of diseases ; method of treatment, with prescriptions. Seventh edition. London, 1811. 16 + 482 p.
- CLARUS (Julius). Handbuch der speciellen Arzneimittellehre. Dritte Auflage. Leipzig, 1860. 8 + 1206 p.
- Classical dictionary.** See MAUNDER (S.), Treasury of knowledge, 14th ed., 1843.
- CLEGHORN (Hugh F. C.).
- General index of plants described and figured in Wight's *Icones plantarum Indiae orientalis*. Madras, 1856. 6 + 68 p. *
- Notes upon the coco-nut tree and its uses. [Edinburgh,] 1861. 12 p. + 3 pl., n. t.-p.
- Report on the forests of the Punjab and the western Himalaya. Roorkee, 1864. 2 + 4 + 2 + 250 + 28 p. + 8 maps and pl.
- Notes on the botany and agriculture of Malta and Sicily. Edinburgh, 1870. 36 p.
- See also* BOTANICAL SOC. OF EDINBURGH, Address by president, 1870.
- See also* MADRAS PRESIDENCY, PUBLIC DEPARTMENT, Memorandum upon the pauchontee, or Indian gutta tree, 1858.
- See also* MADRAS PRESIDENCY, REVENUE DEPARTMENT, Summary of observations on forests and the operations of the Forest Department, 1858;—Report on the Government Botanical and Horticultural Gardens, Utakamand, [Ootacamund,] 1859 ; 1860.
- See also* SCOTTISH ARBORICULTURAL SOCIETY, Address by [president], 1874.
- See also* WIGHT (R.), Obituary notice, by H. [F.C.] C., 1873.
- CLIFTON (Francis). See HIPPOCRATES, Upon air, water, etc., 1734.
- Climate.**
- LIND (J.), Essay on diseases in hot climates, 6th ed., 1808.
- REECE (R.), Medical guide, for tropical climates, 1814.
- SMITH (R. A.), Air and rain, chemical climatology, 1872.
- CLINICAL SOCIETY OF LONDON. Transactions. London, 1868–74.
- Vol. 1–7.

Clocks. BRITTEN (F. J.), Watches and clocks, 2nd ed., 1878.

 Closet for ladies and gentlewomen; art of preserving, conserving, and candying. Corrected [edition]. London, [1651?]. 8 + 83 ff., *t.-p. mut.*

 Note.—Bound with Delights for ladies, [by Sir Hugh Platt], 1651.

CLOWES (Frank). Elementary treatise on practical chemistry, and qualitative inorganic analysis. London, 1874. 18 + 328 p.

CLUTTON (Joseph). [Short and certain method of curing all continued fevers, chiefly by the assistance of a new febrifuge; with observations on common febrifuges, and history of cases. Third edition. London, 1748.] 4 + 10 + 134 p., *t.-p. w.*

Coal and Collieries. (*See also Mines;—Oils, Hydrocarbon.*)

GALLETTY (A.), Coal, 2nd ed., 1878.

PAYNE (M. H.), Carbolic acid and other substances produced during the destructive distillation of coal, 1866.

SMYTH (W. W.), Metallic mining and Collieries, 2nd ed., 1878.

WILLIAMS (C. W.), Combustion of coal, 2nd ed., 1841.

COBB (B. F.). Silk. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Wool, etc., p. 162–202.*)

Cochinchina. LOUREIRO (J.), Flora Cochinchinensis, 1790.

Cochineal. NOBREGA (G. J. DA), On the cultivation of coch., 1849.

COCKAYNE (Rev. Thomas Oswald). Leechdoms, wortcunning, and starcraft of early England; a collection of documents illustrating the history of science in this country before the Norman conquest; collected and edited by [T.] O. C. [*Anglo-Saxon & Eng.*] London, 1864–6. 3 vol., 2 pl. (GREAT BRITAIN AND IRELAND, MASTER OF THE ROLLS, *Rerum Britannicarum mediæ ævi scriptores.*)

Coco-nut tree.

CLEGHORN (H. F. C.), Notes upon the coco-nut tree, 1861.

RÉGNAUD (C.), Histoire naturelle, hygiénique et économique du cocotier, *cocos nucifera*, L., 1856.

Cocoa.

TROJANOWSKY (P.), Ein Beitrag zur pharmakognostischen und chemischen Kenntniss des Cacaos, 1875.

WANKLYN (J. A.), Tea, coffee, and cocoa analysis, 1874.

Cod liver oil.

BENNETT (J. H.), Treatise on the oleum jecoris aselli, in certain forms of gout, rheumatism, and scrofula, 1841.

KALENICZENKO (J. DE), Notes sur la propylamine et ... huile et extrait de foie de morue, leur utilité en médecine, 1870.

MØLLER (P.), On the manufacture of cod liver oil, 1862.

Code des médicaments. *See FRANCE, Codex medicamentarius, 1819, etc.*

Codein. SCHMEMANN (B.), Beiträge zu dem gerichtlich-chemischen Nachweis des Kodein's in thierischen Flüssigkeiten, *etc.*, 1870.

Codex medicamentarius [*i.e.* *Pharmacopœia*].

See COLLEGIUM SANITATIS, Hamburg, Codex, ed. tertia, 1852.

See FRANCE, Codex, 1758; 1818; 1819; 1827; 1839; 1866.

See PORTUGAL, Codex, 1822.

COE (Grover). *See KEITH (B.) & Co., Positive medical agents, 1855.*
Coffee.

FRANZ (A.), Untersuchung des gebrannten Kaffees auf Cichorien, 1876.

LEVESIE (O.), Beiträge zur Chemie des Kaffees, 1876.

WANKLYN (J. A.), Tea, coffee, and cocoa analysis, 1874.

WEYRICH (R.), Ein Beitrag zur Chemie des Kaffees, 1872.

COGSWELL (Charles). Experimental essay on the relative physiological and medicinal properties of iodine and its compounds; Harveian prize dissertation. Edinburgh, 1837. 8 + 4 + 180 p.

Coins. *See Weights, Measures, and Coins.*

COLBORNE (Robert). Complete English dispensatory: containing the nature and virtues of simples, with prescriptions of approved authors, as well of the London and Edinburgh dispensaries; [also] history of the institution of the College of Physicians, London; of the principal chymists; of the venereal disease; of the circulation of the blood, etc. London, 1756. 36 + 368 p.

Colchicin.

FLÜCKIGER (F. A.), Über die Nachweisung freier Mineralsäuren durch Colchicin, 1876.

SPEYER (C.), Beiträge zu dem gerichtlich-chemischen Nachweis des Colchicin's in thierischen Flüssigkeiten und Geweben, 1870.

Colchicum.

DEUTSCHES BRAUERBUND, Die Herbstzeitlose im Bier, 1877.

HADEN (C. T.), Practical observations on colchicum autumnale as a remedy, 1820.

STÖRCK (A. v.), Libellus, quo demonstratur colchici autumnalis radicem, etc., 1763.

Cold.

CULLEN (W.), Essay on cold produced by evaporating fluids, 1777.

WALKER (R.), Account of discoveries in the production of artificial cold, etc., 1796.

COLE (Abdiah). *See ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia Londinensis, translated by N. Culpeper, 1661.*

COLE (Sir Henry). International results of the Exhibition of 1851.
(*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of the Great Exhibition, 1853, 2nd ser., p. 417–51.*)

COLEBROOKE (Henry Thomas).

On the Indian species of menispermum. [London, 1822.]

26 p. + 1 pl., *n. t.-p.*

COLEBROOKE (Henry Thomas)—*continued.*

On *Boswellia* and certain Indian terebinthaceæ. [London, 1827.]

16 p. + 2 pl., *n. t.-p.*

COLEMAN (Alfred). *Anæsthesia*: considered especially in reference to operations in dental surgery. [London,] 1862. 20 p.

COLERIDGE (Samuel Taylor). *See Encyclopædia metropolitana.*

COLES (Oakley).

Manual of dental mechanics. Second edition. London, 1876.

32 + 288 p.

See also Medical examiner, 1876–8.

COLES (William). *Adam in Eden; or, Natures Paradise; history of plants, fruits, herbs and flowers, with their names, physical virtues, etc.* London, 1657. [586] p.

Note.—This copy is apparently made up from different editions, the pagination being [1–18], 1–144, 75–8, 145–396, 1–66, 551–630, [1–24]. The numbers of chapters 76–7 occur in duplicate, but for different subjects. One leaf is wanting in the prefatory portion.

COLET (John). *Rudimenta grammatices.* Editio nova. Londini, 1849. 18 + 308 p.

Colic, Devonshire. HUXHAM (J.), *Observations on air, etc.*, 1759.

Colic, Nervous. TISSOT (S. A. D.), *Practical observations*, 1772.

COLLEGE OF PHARMACY OF THE CITY OF NEW YORK.

[Historical notice, laws, lists, etc. New York, 1873.] 8 + 50 p.

Annual report of the College, forty-fifth session; and fourth annual report of Alumni Association. New York, [1875]. 82 p.

Prospectus of the College, [1878–9]. New York, [1878?]. 30 p.

COLLEGE OF PRECEPTORS, London. *Educational times, and journal of the C. of P.* London, 187[5]–9. Vol. 28–32.

Colleges. *See first word, not an article, of the title of each college, or reference under place of head-quarters.*

COLLEGIUM MEDICUM, Augsburg.

Pharmacopœia Augustana; jussu et auctoritate amplissimi senatus rursus recognita, nunc septimūm in lucem emissā; [Taxa seu pretium medicamentorum]. Augustæ Vindelicorum, 1622. 8 + 352 p. + 2 tab.

Note.—The title-page is engraved; the Taxa has a separate title-page, dated 1621; the colophon is, however, dated 1622.

Pharmacopœia Augustana reformata cum ejus mantissa et appendice, simul cum animadversionibus authore J. Zwelfer; cui annexa est ejusdem authoris Pharmacopœia regia ut et mantissa spagyrica; accessere etiam huic editioni bini discursus apologeticī contra O. Tachenium et F. Verny. Dordrechti, 1672. 6 + 920 + 76 + 240 p. + engr. t.-p.

Note.—The Pharmacopœia regia, Appendix ad animadversiones and Discursus have each a separate title-page and preface; the two former have each an index.

COLLEGIUM MEDICUM, Augsburg—continued.

Pharmacopœia Augustana reformata, etc.—continued.

Same. Animadversiones in Pharmacopœiam Augustanam et annexam ejus mantissam, sive Pharmacopœia Augustana reformata. Nunc tertium revisa, cum annexa appendice, operâ J. Zwelferi. Noribergæ, 1675. 22 + 504 + 84 p. + engr. t.-p.

Note.—The engraved title states that the Pharmacopœia regia forms part of the work; this appears to be incorrect, unless that portion is missing from this copy only.

COLLEGIUM MEDICUM ARGENTORATENSE, Strasburg.

Pharmacopœia Argentoratensis inclyti magistratus jussu revisa. Argentorati, 1757. 18 + 216 p.

COLLEGIUM MEDICUM BERGOMENSE, Bergamo. Pharmacopœa [Bergomensis], nunc primum editus. Bergomi, 1580. 34 + 424 p.

COLLEGIUM MEDICUM ET SANITATIS, Berlin.

See PRUSSIA, Pharmacopœa Borussica, 1801.

COLLEGIUM SANITATIS, Hamburg. Codex medicamentarius Hamburgensis. Editio tertia. Hamburgi, 1852. 22 + 510 p. + 1 pl.

COLLET-DESCOSTILS (H. V.?). *See* Annales de chimie.

COLLIER (George Frederic).

Letter to the president and censors of the Royal College of Physicians of London, [concerning their Pharmacopœia]. London, 1837. 32 p.

Companion to the London pharmacopœia. Lond., 1839. 8 + 192 p.

Collieries. *See* Coal;—Mines and Mining.

COLLINS (James).

Study of economic botany, and its claims educationally and commercially considered. [London, 1872.] 12 p., n. t.-p.

Hides and leather; Gutta-percha; Indiarubber. (In BEVAN, G. P., British manuf. industries, 2nd ed., 1877, Tobacco, etc., p. 33–147.)

See also GREAT BRITAIN AND IRELAND, INDIA OFFICE, Report on caoutchouc, 1872.

See also Journal of eastern Asia, 1875.

See also RAFFLES LIBRARY AND MUSEUM, Museums, etc., 1874.

COLLINS (William). Statement of facts on the subject of medical reform. Bath, [1841]. 16 p.

COLLINSON (Peter). *See* LINNÉ (C. v.), Selection of the correspondence of Linnæus, 1821, Note.

Collodion. SQUIBB (E. R.), Report on the U. S. pharmacopœia ..., Note on collodion, by F. C. Mussgiller, 1870.

Colour. (*For Colour blindness, see Eye.*)

CHEVREUL (M. E.), Physical investigations, on the influence that two colours may exercise, when seen simultaneously, 1848.

JONES (O.), Attempt to define principles which should regulate employment of colour in decorative arts, 1853.

Columbia. *See America.*

Combustion.

HIGGINS (B.), Experiments and observations, 1786.

WILLIAMS (C. W.), Combustion of coal, 2nd ed., 1841.

COMELATI (Guglielmo). *See BARETTI (G.), New dictionary of Italian and English languages, compiled by ... G. C., 1868.*

Comets analogous to women. *See CAROLUS, 2nd ed., 1858.*

Commerce or Trade.

ALLEN (A. H.), Introduction to commercial organic analysis, 1879.

BATH AND WEST OF ENGLAND SOCIETY, Catalogue of books, 1864.

GREAT BRITAIN AND IRELAND, PARLIAMENT, Tables shewing trade of the United Kingdom, 1842.

—, — Commercial reports from H. M. consuls, 1867; 1869.

—, — Reports from H. M. consuls on the commerce of their districts, 1872-3.

—, — Reports by H. M. consuls on British trade abroad, 1873.

KELLY (P.), Universal cambist and commercial instructor, 2nd ed., 1835.

LEWIS (W.), Commercium philosophico-technicum, 1765.

LIEBIG (J. v.), Familiar letters on chemistry, in its relations to commerce, 3rd ed., 1851; 4th ed., 1859.

MCCULLOCH (J. R.), Dictionary of commerce and commercial navigation, 2nd ed., 1835; new ed., 1871; suppl. 1875-7.

NORMANDY (A.), Commercial hand-book of chemical analysis, 1850; new ed., by H. M. Noad, 1875.

Philosophical magazine and journal of ... commerce, 1814-7.

SIMMONDS (P. L.), Science and commerce, their influence on our manufactures, 1872.

SOCIETY FOR THE ENCOURAGEMENT OF ARTS, MANUFACTURES AND COMMERCE, Transactions, 1754-1835.

— Journal of the Society of Arts, 1852-79.

USHER (W. R.), Substitute for free trade, 1844.

YEATS (J.), Natural history of commerce, 1870.

Commercium litterarium ad rei medicæ et scientiæ naturalis incrementum institutum quo quicquid novissime observatum agitatum scriptum vel peractum est succincte dilucideque exponitur. Norimbergæ, [1737-45]. 9 vol., pl.

Note.—The title-pages and prefatory matter of the v. for 1740-5 are wanting; also the indexes of the v. for 1743-5.

Commercium philosophico-technicum. *See LEWIS (W.), 1765.*

Companies. *See first word, not an article, of the title of each company, or reference under place of head-quarters.*

Compression. BOURJEAUD (P.), On spiral elastic compression, 1857

Comptes rendus. *See ACADEMIE DES SCIENCES, Paris, 1843-79.*

Concentrated preparations. *See KEITH (B.) & Co., Positive medical agents, 1855.*

Concretions, Animal. *See Calculi.*

CONDY (Henry Bollman).

Disinfection and hygiene, by means of oxygen in a nascent and active condition, or artificial ozone. London, 1860. 4 + 52 p.

Question de priorité ; propriétés désinfectantes des permanganates alcalins. Paris, 1867. 48 p.

CONFERENCE OF LIBRARIANS, London. Transactions and proceedings, October, 1877 ; edited by E. B. Nicholson and H. R. Tedder. London, 1878. 12 + 276 p.

Conferences. *See first word, not an article, of the title of each conference, or reference under place of head-quarters or of meeting.*

CONGRÈS DES SOCIÉTÉS DE PHARMACIE DE FRANCE, Paris. Compte rendu [de l'onzième session, 1867]. (*See CONGRÈS PHARMACEUTIQUES RÉUNIS.*)

CONGRÈS MÉDICAL, Geneva. Pharmacopée universelle et uniformité en médecine ; rapport de la commission internationale, rapporteur, N. Gille. Anvers, 1879. 14 p.

CONGRÈS PHARMACEUTIQUES RÉUNIS, Paris.

Congrès des sociétés de pharmacie de France, et Congrès international des associations et sociétés de pharmaciens réunis à Paris, août 1867 ; compte rendu sommaire. [Paris, 1867 ?] 16 p., n. t.-p.

Compte rendu des Congrès pharmaceutiques réunis, en août 1867, à Paris : [on]zième session du Congrès des sociétés de pharmacie de France ; deuxième session du Congrès international des associations et sociétés de pharmaciens. Paris, 1868. 4 + 128 + 200 p.

Congresses. *See first word, not an article, of the title of each congress, or reference under place of meeting.*

Conicine. PETIT (A.), Étude sur les propriétés, etc., 1877.

Coniferæ.

MOREL (J.), Turpentine and resinous products, [1877-9].

ZUCCARINI (J. G.), On the morphology of the coniferæ, 1846.

Coniin. ZALEWSKI (P.), Untersuchungen über das Coniin in forensisch-chemischer Beziehung, 1869.

Conium.

BATTLEY (R.), Observations on the preparation of [conium], 1838.

BUTTER (W.), Treatise on the kinkcough, with an account of hemlock and its preparations, 1773.

HARLEY (J.), The old vegetable neurotics, 1869.

SMITH (W. M.), Attempt to answer the question : Which part of the plant conium maculatum is best for medicinal use ? 1867.

CONOLLY (John). *See London medical repository, 1825-6.*

Conserving. *See Preserving.*

Constitution. HOCKEN (E. O.), *Essay on the influence of constitution in the production of disease, 1841.*

Consumption. *See Phthisis.*

Continuity. GROVE (W. R.), *Correlation of physical forces, 5th ed., followed by a Discourse on continuity, 1867.*

CONVENTION OF PHARMACEUTISTS AND DRUGGISTS, *New York.*

See AMERICAN PHARMACEUTICAL ASSOCIATION, Philadelphia.

Conventions. *See first word, not an article, of the title of each convention, or reference under place of meeting.*

Conversations lexicon. *See Popular encyclopedia, [1862 ?].*

Convulsions, Epidemical. HAYGARTH (J.), *Of the imagination, as a cause and cure of disorders of the body, etc., 1800.*

COOKE jun. (Josiah P.). *First principles of chemical philosophy. London, 1870. 8 + 544 + 12 p.*

COOKE (M. C.).

Index fungorum Britannicorum ; list of fungi in the British Islands, arranged as a check-list. London, [1864]. 2 + 58 p.

The genus ascobolus ; with descriptions of the British species. [London,] 1864. 8 p. n. t.-p.

Our reptiles ; plain and easy account of lizards, snakes, newts, toads, frogs, and tortoises indigenous to Great Britain. London, 1865. 8 + 200 p. + col. t.-p. + 11 col. pl.

Rust, smut, mildew, and mould ; introduction to the study of microscopic fungi. London, 1865. 8 + 238 p. + 16 col. pl.

Fern book for everybody ; containing British ferns, with foreign species suitable for a fernery. Lond., 1867. 4 + 124 p. + 12 pl.

Handbook of British fungi, with descriptions of the species, and illustrations of the genera. London, 1871. 2 vol., 7 pl.

Manual of botanic terms. Second edition. London, [1873]. 2 + 4 + 120 + 2 p. + 35 pl.

Fungi : their nature, influence, and uses ; edited by M. J. Berkeley. Second edition. London, 1875. 12 + 300 p. (International scientific series, v. 14.)

*Mycographia, seu Icones fungorum ; figures of fungi from all parts of the world. London, 187[5-]9. V. 1, col. pl. 1-113.**

See also GREAT BRITAIN AND IRELAND, INDIA OFFICE, Report on gums, resins, oleo-resins, and resinous products in the India Museum, etc., 1874 ;—Report on oil seeds and oils, etc., 1876.

See also Grevillea, record of cryptogamic botany, 1872-9.

See also HARDWICKE'S science-gossip, 1865-71 ;—HARDWICKE'S science-gossip easy guide to British hepaticæ, [186-].

See also ROSTAFINSKI (J. T. v.), Contributions to mycologia, 1877.

- COOKE (*Alderman Sir Thomas*). *See ORRIDGE (B. B.)*, Some particulars, 1868.
- COOKESLEY (T. Hugo). *See PLATTNER (C. F.)*, Manual of analysis with the blowpipe, 1875.
- COOLEY (Arnold James).
- Cyclopædia of practical receipts, and collateral information in arts, manufactures, and trades, including medicine, pharmacy, and domestic economy : [suppl. to the pharmacopœia, and] book of reference. [Second ed.] Lond., 1845. 8 + 808 p., *t.-p. mut.*
- Same.* Third edition. London, 1856. 12 + 1344 p.
- Same.* Fourth edition, by A. J. C., and J. C. Brough. London, 1864. 10 + 1394 p.
- Same.* Fifth edition, by R. V. Tuson. London, 1872. 14 + 1202 p. 2 copies.
- Same.* Sixth edition, by R. V. Tuson, etc. London, 1878–80. 2 v.
- Pharmaceutical Latin grammar ; introduction to medical Latin, the London pharmacopœia, and physicians' prescriptions. London, 1845. 12 + 132 p.
- Same.* London, [reprinted 1868]. 12 + 132 p.
- COOPER (A.). Complete distiller : [with] descriptions of drugs, plants, etc., used by distillers ; and instructions for choosing the best of each. New edition. London, 1810. 12 + 288 p. + 1 pl.
- COOPER (Samuel). Dictionary of practical surgery. Sixth edition. London, 1830. 16 + 1302 p.
- COOPER (William). Catalogue of chymicall books ; in 3 parts, [with appendix to part 2]. London, 1675[–88]. [140] p., wanting 1 leaf.
- COOPER (William White). *See NORTH LONDON OPHTHALMIC INSTITUTION*, Introductory lecture, by W. W. C., 1843.
- Copaiba, Balsam of. THORN (J.), Observations on gonorrhœa, 1827.
- Copal. DRAGENDORFF (G.), Die Entstehungsgeschichte des Bernsteins, [1878 ?].
- Copenhagen. *See BARTHOLINUS (T.)*, Acta medica et philosophica Hafniensia, 1673, 1675, 1680.
- COPLAND (James).
- Dictionary of practical medicine, with appendix of formulæ ; a digest of pathology and therapeutics ; abridged by the author, assisted by J. C. Copland. London, 1866. 22 + 1538 p.
- See also London medical repository*, 1822–6.
- COPLAND (James C.). *See COPLAND (J.)*, Dict. of medicine, 1866.
- Copper.
- DAVY (H.), Collected works, 1839–40, copper sheathing of ships.
- PHILLIPS (J. A.), Copper smelting, 2nd ed., 1876.
- SOCIÉTÉ DE MÉDECINE DE GAND, De la toxicité des sels de cuivre et de l'emploi du sulfate dans la panification, 1878.

Cordage. SIMMONDS (P. L.), Fibres and cordage, 2nd ed., 1877.

Cork, Ireland. See QUEEN'S COLLEGE, CORK.

CORMACK (John Rose).

Treatise on the chemical, medicinal, and physiological properties of creosote, illustrated by experiments on the lower animals : with considerations on the embalm[m]ent of the Egyptians ; Harveian prize dissertation. Edinburgh, 1836. 10 + 154 p.

See also London and Edin. monthly journal of med. science, 1842-6.

Corniolæ radix. DRAGENDORFF (G.), Chemische Untersuchung, 1866.

CORNISH (William Robert). See Madras quarterly journal of medical science, 1861.

CORNUTI (Jacques Philippe) or CORNUT. Canadensium plantarum, aliarūmque nondum editarum historia; adjectum est Enchiridion botanicum Parisiense. Parisiis, 1635. 16 + 240 p.

Cornwall.

HOLMES (E. M.), Scale mosses and liverworts of Devon and Cornwall, [with lichens, 1868-9 ?].

— & F. BRENT, Mosses of Devon and Cornwall, [1868-9 ?].

Coromandel. ROXBURGH (W.) Plants of the coast of C., 1795-[1819].

Corpus callosum. DOWN (J. L. H.), Account of second case in which the corpus callosum was defective, 1866.

CORTIS (William). See NAQUET (J. A.), Principles of chemistry, 1868.

Cosmical force: [or, Electric and magnetic influence]. LEITHEAD (W.), 1851.

Cosmos. See HUMBOLDT (F. A. H. v.), 1868-71.

COTTEREAU (Pierre Louis). Traité élémentaire de pharmacologie contenant [pharmacomathie, pharmacotechnie et pharmacodynamie]. Paris, 1839. 8 + 812 p.

Cotton.

BAZLEY (T.), Cotton as an element of industry, 1853.

PARLATORE (F.), Le specie dei cotoni, 1866.

WATTS (I.), Cotton, 2nd ed., 1877.

Couch, Reclining. WETHERHEAD (G. H.), Treatise on rickets, 1820.

COUPERBE (J. P.). See Journal de pharmacie et de chimie, 1834.

Cough.

BUTTER (W.), Treatise on kinkcough [hooping-cough], 1773.

DOBELL (H.), On winter cough, 3rd ed., 1875.

COULIER. See Journal de pharmacie et de chimie, 1878-9.

COULSON (William). See BLUMENBACH (J. F.), Manual of comparative anatomy, 2nd ed., 1827.

COULTAS (Harland).

The plant, an illustration of the organic life of the animal. Philadelphia, 1855. 180 p.

What may be learned from a tree. New York, 1860. 190 p.

- COUNCIL, GENERAL MEDICAL. *See* GENERAL COUNCIL OF MED. EDUCATION.
- Counter-irritation. *See* GRANVILLE (A. B.), 1838.
- COURCHET (L.). Étude sur le groupe des aphides, et en particulier sur les pucerous du térébinthe & du lentisque. Montpellier, 1878. 58 p. + 3 pl.
- COURT (J.). *See* TRINIDAD, COMMISSION FOR THE PARIS EXHIBITION OF 1867, Catalogue of articles, with sketch of the colony, by J. C.
- COURTENAY (C. B.). Historical and practical treatise on syphilis ; observations on treatment of gonorrhœas, gleets, &c. Twenty-eighth edition. London, [183-?]. 16 + 148 p.
- COWAN (Charles). *See* SHARP, WEST, & Co., Letter to C. C., in answer to his Observations on quackery, 1839.
- COX (Daniel). *See* HEISTER (L.), Medical, chirurgical, and anatomical cases and observations, 1755.
- COX (Rev. George W.). *See* BRANDE (W. T.) & G. W. C., Dictionary of science, literature, & art, new ed., 1866-7.
- COX (Thomas). *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, New London dispensatory, 2nd ed., and Magendie's Formulary, 1835.
- CRAIG (William). *See* MILNE (A.), Manual of materia medica and therapeutics, 3rd ed., 1876 ; 4th ed., 1879.
- CRAMER (Johann Andreas). Elements of the art of assaying metals ; translated from the Latin, [with] notes, and a list of authors in English on minerals and metals. Lond., 1741. 12 + 478 p. + 6 pl.
- Cream. WANKLYN (J. A.), Milk-analysis, 1873.
- Creation. Vestiges of the natural history of creation, 10th ed., 1853.
- CREECH (Thomas). *See* LUCRETIUS CARUS (T.), Of the nature of things, 1714.
- CRELL (Lorenz v.). Crell's chemical journal ; translated from the German, with additions. London, 1791-3. Vol. 1-3.
- Creosote.
- CORMACK (J. R.), Treatise on creosote, 1836.
- FOURNIER (G.), De la créosote du hêtre dans la traitement de la phthisie et des affections catarrhales, [1878?].
- PAYNE (M. H.), Creosote and acetic acid, 1866.
- CRÉTEUR (Louis). L'hygiène sur le champs de bataille. Bruxelles, 1871. 67 p. (*Suppl. to SOCIÉTÉ ROYALE DE PHARMACIE DE BRUXELLES, Bulletin, 1871.*)
- CREVIER (Jean Baptiste Louis). *See* LIVIUS (T.), Historia, 1842.
- CRICHTON (Sir Alexander). Commentaries on some doctrines of a dangerous tendency in medicine, and on the general principles of safe practice. London, 1842. 24 + 284 p.
- CRISP (Edwards). Examination of a rejected candidate at the Royal College of Physicians of London, December 21, 1848. London, 1849. 62 p.

CRISP (Edwards)—*continued.*

Examination of the president and examiners of the Royal College of Physicians of London, and of the medical and surgical corporate bodies of the United Kingdom, with an analysis of the evidence given before the select committee of the House of Commons; and suggestions for an improved system of medical government. London, 1849. 60 p.

On medical reform; letter to the General Council of Medical Education, on the adjudication of the Carmichael prize to Dr. Mapother, including a verbatim summary of the author's unsuccessful essay. [London,] 1870. 52 p.

See also London medical examiner, 1850–1.

CROFT (Henry). *See* Chemical gazette, 1842.

CRONSTEDT (Axel Fredrik).

Essay towards a system of mineralogy; translated from the Swedish, with annotations, and additional treatise on the blow-pipe, by G. v. Engeström. Second edition, by J. H. de Magellan. London, 1788. 2 vol., 2 pl.

See also SCHMEISSER (J. G.), System of mineralogy, 1795.

CROOKES (William).

On the application of disinfectants in arresting the spread of the cattle plague; report to H. M. commissioners. Lond., 1866. 62 p.

Select methods in chemical analysis, chiefly inorganic. London, 1871. 16 + 468 p. + 1 pl.

See also Chemical news, edited by W. C., 1860–79.

See also Journal of science, 1864; 1879.

See also MITCHELL (J.), Manual of practical assaying, 3rd ed., 1868.

See also PHOTOGRAPHIC SOC. OF GT. BRIT., Photographic journ., 1858.

See also WAGNER (R.), Handbook of chemical technology, 1872.

See also WURTZ (C. A.), Introduction to chemical philosophy, 1867.

Crops. *See* Agriculture.

CROSSE (Andrew). Memorials, scientific and literary, of A. C., the electrician; [by C. A. H. Crosse]. London, 1857. 12 + 360 p.

CROSSE (Cornelia A. H.). *See* CROSSE (A.), Memorials, 1857.

Croton. DANIELL (W. F.), On the cascarilla [and other species of croton] of the West India and Bahama islands, [1862].

CRIKSHANK (William). Experiments on the insensible perspiration of the human body, shewing its affinity to respiration; republished with additions. London, 1795. 4 + 8 + 104 p. + 1 col. pl.

CRUMPE (Samuel). Inquiry into the nature and properties of opium. London, 1793. 14 + 304 p.

CRUSO (John). Treasury of easy medicines, comprehending remedies for disorders of the human body; [translated from the] Latin, [with] annotations, etc. London, 1771. 12 + 266 + 32 p.

Cryptogamia. (*See also* in works on Botany.)

- BERKELEY (M. J.), *Introduction to cryptogamic botany*, 1857.
Grevillea, record of cryptogamic botany, by M. C. Cooke, 1872–9.
 HOLMES (E. M.), *Cryptogamic flora of Kent, lichens*, [1878].

Crystallography.

- ACCUM (F.), *Elements of crystallography*, 2nd ed., 1813.
 ÅNGSTRÖM (A. J.), *Mémoire sur la polarisation rectiligne et la double réfraction des cristaux à trois axes obliques*, 1849.
 BROOKE (H. J.), *Familiar introduction to crystallography*, 1823.
 LARKIN (N. J.), *Introduction to crystallography*, 1820.
 MILLER (W. H.), *Treatise on crystallography*, 1839.
 MITCHELL (W.), *On the geometrical isomorphism of crystals*, 1868.
 OHM (G. S.), *Erklärung aller in einaxigen Krystallplatten zwischen geradlinig polarisirtem Lichte wahrnehmbaren Interferenz-Erscheinungen*, 1852–3.
 SCHABUS (J.), *Bestimmung der Krystallgestalten*, 1855.
 TILDEN (W. A.), *Theory of crystallisation*, 1878.

Crystalworts. *See Hepaticæ.*

Cuba. *See* HUMBOLDT (F. A. H. v.) & A. BONPLAND, *Plantes équinoxiales*, 1808–9.

CUBE (J. v.). *See* **Ortus sanitatis, 1517.**

CULLEN (Edmund). *See* BERGMAN (T. O.), *Physical and chemical essays*, translated, with notes, 1784–91.

CULLEN (William).

Lectures on the materia medica. London, 1772. 8 + 512 p.

Essay on the cold produced by evaporating fluids, and of some other means of producing cold. (In BLACK, J., *Experiments upon magnesia alba, etc.*, 1777, p. 115–33.)

Institutions of medicine; part 1, Physiology. Second edition. London, 1777. 256 p.

Treatise of the materia medica. Edinburgh, 1789. 2 vol., 4°.
2 copies.

Same. [Another edition.] Edinburgh, 1789. 2 vol., 8°.

Nosology: or, Systematic arrangement of diseases; with outlines of the systems of [Boissier de] Sauvages, Linnæus, Vogel, Sagar, and Macbride; translated from the Latin. Edinburgh, 1800. 2 + 4 + 238 p. + 1 tab.

First lines of the practice of physic; including the definitions of the nosology; with appendix, by P. Reid. Edin., 1816. 2 v.

CULPEPER (Nicholas).

English physitian enlarged; an astrologo-physical discourse of the vulgar herbs of this nation; containing a compleat method of physick; also the way of making plaisters [etc., and] of mixing medicines. London, 1656. 24 + 414 p.

CULPEPER (Nicholas)—*continued.*

English physician, and complete herbal; [with] rules for compounding medicine; forming a complete family dispensatory, and natural system of physic; illustrated with notes by E. Sibly. London, [1798]. 2 v. in 1, por., 42 pl.

See also RIOLAN jeune (J.), Sure guide to physick, 3rd ed., 1671.

See also ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopæia Londinensis transl., with animadversions, etc., 1653; 1661; 1679.

CULVERWELL (R. J.). Practical treatise on bathing; with observations on baths, and statement of diseases in which bathing may be employed. London, 1829. 16 + 248 p.

CUNNINGHAM (Allan). On the rise and progress of the fine arts. 36 p. (*In Popular encyclopædia, 1862, v. 4.*)

CUNNINGHAM (D. D.). *See LEWIS (T. R.), Report of researches into the nature of the agent or agents producing cholera, 1872–4.*

Curarin. KOCH (C.), Versuche über die chemische Nachweisbarkeit des Curarins in thierischen Flüssigkeiten und Geweben, 1870.

Curiosity. GEDNER (C.), Of the use of curiosity, 1762.

CURREY (Frederick).

See Natural history review, 1861–2.

See SCHACHT (H.), The microscope, translated by F. C., 1853.

CURREY (John B.). *See CAPE OF GOOD HOPE, COMMITTEE FOR THE PARIS EXHIBITION, Catalogue of articles, with sketch of the colony, by J. B. C., 1867.*

CURTIS (John Harrison).

Treatise on the physiology and diseases of the ear. London, 1817. 20 + 96 p. + 1 pl.

See also ROYAL DISPENSARY FOR DISEASES OF THE EAR, Advice to the deaf, the present state of aural surgery, lecture, 1841.

Cuterebræ. CLARK (B.), Essay on the bots of horses, etc., 1815–45.

CUTHBERTSON (John). Practical electricity and Galvanism; containing experiments. Second edit. Lond., 1821. 24 + 294 p. + 9 pl.

Cutlers. CHEVALLIER (J. B. A.), Des accidens auquels sont exposés les couteliers-émoleurs et aiguiseurs, [1836].

Cutlery. CALLIS (F.), Cutlery, 2nd ed., 1878.

CUTTER (Charles A.). *See UNITED STATES OF AMERICA, BUREAU OF EDUCATION, Public libraries report, 1876.*

CUVIER (Baron Georges Léopold Chrétien Frédéric Dagobert de).

Le règne animal distribué d'après son organisation, pour servir de base à l'histoie naturelle des animaux et d'introduction à l'anatomie comparée. Paris, 1817. 4 tomes, 15 pl.

Note.—Tome 3 is by Latreille.

Same. Nouvelle édition. Paris, 1829. 5 tomes, 20 pl.

Note.—Tomes 4–5 are by Latreille.

Cyclopædia. *See Encyclopædias.*

Cynanche trachealis. WHITE (T.), *Dissertatio*, 1786.

Cynomorium coccineum. WEDDELL (H. A.), *Mémoire*, 1860.

Cyrénaïque. HERINQ (F.), *La vérité sur le prétendu silphion, [avec Voyage en Cyrénaïque de J. Daveau,]* 2me éd., 1876.

D. (H. V.), [*pseud. of George STARKEY?*]. *Tomb of Semiramis hermetically sealed, which if a wise man open, not the ambitious covetous Cyrus, he shall find the treasures of kings, inexhaustible riches to his content; [translated from the Latin?].* London, [1674]. 32 p.

D. (R. W.). *See DARWIN (R. W.).*

Daguerreotype. HUMPHREY (S. D.), *American handbook*, 1853.

DALECHAMPIUS (Jacobus). *See ALECHAMPS (J. d').*

DALIN (A. F.). *See JUNGBERG (C. G.), Svensk och engelskt handlexikon, [förbättrad upplaga,]* 1874.

DALLAS (William Sweetland).

See Annals and magazine of natural history, ser. 4–5.

See HUMBOLDT (F. A. H. v.), Cosmos, translated, 1870, v. 5.

See Popular science review, 1877–9.

DALLOWE (Timothy). *See BOERHAAVE (H.), Elem. of chemistry, 1735.*

DALTON (John).

New system of chemical philosophy. London, 1810–27. Vol. 1, pt. 2; v. 2, pt. 1; pl. 5–8.

Same. Second edition. London, 1842. Vol. 1, pt. 1, pl. 1–4.

Meteorological observations and essays. Second edition. London, 1834. 20 + 248 p.

On the phosphates and arseniates, microcosmic salt, acids, bases, and water, and a new and easy method of analysing sugar. Manchester, 1840–2. 2 + 22 + 14 + 10 p. + 1 pl.

Same. Another copy, wanting “ phosphates and arseniates.”

Memoirs of the life and scientific researches of J. D., by W. C. Henry. London, 1854. 16 + 254 p. + por. + 3 pl. (Cavendish Society.)

Memoir of J. D., and history of the atomic theory, up to his time; by R. A. Smith. London, 1856. 12 + 316 p. + por. (In LITERARY AND PHILOS. SOC. OF MANCHESTER, Memoirs, v. 18.)

DANA (James Dwight).

System of mineralogy. Second edition. New York, 1844. 636 p. + 4 pl.

Same. Descriptive mineralogy, by J. D. D., aided by G. C. Brush. Fifth edition. London, 1868. 48 + 828 p.

DANA jun. (Richard H.). *History of the ether discovery.* (In LITTELL's living age, 1848, no. 201, p. 529–71.)

DANIELL (John Frederic).

Introduction to the study of chemical philosophy. London, 1839.

16 + 566 p.

Same. Second edition. London, 1843. 16 + 764 + 4 p.

DANIELL (William Freeman). On the cascarilla plants, [and other species of croton] of the West India and Bahama islands. [London, 1862.] 16 p. + 3 pl.

Danish language.

FERRALL (J. S.) & T. REPP, Dansk-norsk-engelske Ordbog, 4e Udgave, 1873.

LUND (H.), New method of learning Danish lang., 4th ed., 1877.

ROSING (S.), Engelsk-dansk Ordbog, 4e Udgave, 1874.

Danish pharmacopœia. *See* DENMARK, Pharm. Danica, ed. 2, 1869.

DARBY (John). Botany of the southern [United] States; in two parts: 1, structural and physiological botany; 2, descriptions of southern plants. New York, 1857. 612 p.

DARBY (Stephen). *See* WITTSTEIN (G. C.), Practical pharmaceutical chemistry, 1853.

DARWALL (John). *See* London medical repository, 1825-6.

DARWIN (Charles Robert).

Origin of species by means of natural selection; preservation of favoured races in the struggle for life. Fifth thousand. London, 1860. 10 + 502 p. + 1 pl.

Same. Sixth edition, twelfth thousand. London, 1872. 22 + 458 p. + 1 pl.

See also Darwinian theory examined, 1867.

D[ARWIN] (R. W.). Principia botanica: introduction to the sexual botany of Linnæus. Newark, 1787. 8 + 282 p.

Darwinian theory of the transmutation of species examined by a graduate of the University of Cambridge. Lond., 1867. 10 + 388 p.

Datura stramonium. STÖRCK (A. v.), Libellus, quo demonstratur stramonium, etc., 1762.

DAUBENTON (Louis Jean Marie). Observations on indigestion: the efficacy of ipecacuan in relieving this, as well as complaints peculiar to the decline of life; translated from the French [by A. P. Buchan]. Third edition. London, 1809. 2 + 4 + 4 + 24 p.

DAUBENY (Charles Giles Bridle).

Introduction to the atomic theory: sketch of opinions with respect to the constitution of matter. Lond., 1831. 16 + 148 p.

Supplement to the Introduction: sketch of opinions and discoveries bearing upon the general principles of chemical philosophy. London, 1840. 16 + 64 p.

On the importance of the study of chemistry. (*In* ROYAL INSTITUTION, Lectures on education, 1855, p. 115-67.)

- DAVEAU (J.). *Voyage en Cyrénaïque.* (*In HERINCO, F., La vérité sur le prétendu silphion*, 2me éd., 1876, p. 49–51, map.)
- DAVENPORT (John). *See BARETTI (G.), New dictionary of the Italian and English languages, compiled by J. D., etc., 1868.*
- DAVENPORT (Samuel Thomas). *Engraving.* (*In BEVAN, G. P., British manuf. industries*, 2nd ed., 1877, Paper, etc., p. 95–144.)
- DAVIDSON (William). *Treatise on diet.* London, 1843. 12 + 384 p.
- [DAVIES (Frederick).] *Unity of medicine: its corruptions and divisions, as by law established in England and Wales; with their causes, effect, and remedy; by a fellow of the Royal College of Surgeons.* London, 1858. 10 + 154 p. + 2 col. chronol. charts.
- DAVIES (Thomas). *Prize essay on the evils produced by late hours of business, and the benefits which would attend their abridgement; with preface by B. W. Noel, [one of the adjudicators in behalf of the Metropolitan Drapers' Association].* London, 1843. 8 + 40 p.
- DAVIES (Thomas). *Preparation and mounting of microscopic objects.* London, [187–?]. 4 + 156 p.
- DAVIS (N. S.). *See UNITED STATES OF AMERICA, BUREAU OF EDUCATION, Contributions to history of medical educ. and institutions, 1877.*
- DAVY (Sir Humphry).
- [Collected works; edited by J. Davy. London, 1839–40.] Vol. 1, 3–9; por., pl.; of v. 1, general t.-p. w.
1. Memoirs of the life of H. D., by J. Davy.
 3. Researches, chemical & philosophical, chiefly concerning nitrous oxide.
 4. Elements of chemical philosophy.
 5. Bakerian lectures, and miscellaneous papers, 1806–15.
 6. Miscellaneous papers and researches, especially on the safety lamp and flame, and on the protection of the copper sheathing of ships, 1815–28.
 7. Discourses delivered before the Royal Soc.; Agricultural lectures, pt. 1.
 8. Agricultural lectures, pt. 2, and other lectures.
 9. Salmonia, or Days of fly-fishing; Consolation in travel.
- Elements of chemical philosophy.* London, 1812. Vol. 1, pt. 1.
- Elements of agricultural chemistry, in lectures delivered 1802–12.* Sixth edition. London, 1839. 8 + 422 p. + 10 pl.
- DAVY (John).
- Researches, physiological and anatomical. Lond., 1839. 2 v., 16 pl.
See also DAVY (H.), [Collected works, with memoir, 1839–40].
- DAY (George E.).
- See LEHMANN (C. G.), Physiological chemistry, translated, 1851–4.*
- See GRAHAM (T.), Chemical reports and memoirs, translated, 1848.*
- See London and Edinburgh monthly journal of med. science, 1848–9.*
- DE, prefix to surnames. If not found in alphabetical order of DE, see the word immediately following it.
- Deafness. *See Ear.*
- DEBOUT (E.). *See Bulletin général de thérapeutique, 1851.*

DECAISNE (Joseph).

See Annales des sciences naturelles, 1858–79, sér. 4–6.

See LE MAOUT (E.) & J. D., *Traité général de botanique*, 1868;—
Eng., *General system of botany*, 1876.

— & C. NAUDIN. *Handbook of hardy trees, shrubs, and herbaceous plants*; containing descriptions of a selection of the best species in cultivation, with cultural details, etc.; based on the French work of D. and N., entitled, “Manuel de l'amateur des jardins,” and including the original woodcuts; by W. B. Hemsley. London, 1877. 44 + 688 p.

DE CANDOLLE. *See CANDOLLE.*

Deccan, East Indies. SYKES (W. H.), *On the geology of a portion of Dukhun*, 1836.

Decimal system. *See Weights, Measures, and Coins.*

Declaration of students of the natural and physical sciences [of belief in the Holy Scriptures]. London, [1865 ?]. 30 p.

[DEFOE (Daniel).] *History of the Great Plague in London, in the year 1665*; by a citizen. London, 1819. 506 p. + 1 pl.

DEHN (Friedrich). *See Jahresbericht über die Fortschritte der reinen, pharmaceutischen und technischen Chemie*, 1862.

DE LA BECHE (Sir Henry Thomas). *Mining, quarrying, and metallurgical processes and products*. (*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS*, *Lectures on results of the Great Exhibition, 1st ser.*, 1852, p. 35–73.)

DE LA RUE (Warren). *See Jahresbericht über die Fortschritte der reinen ... Chemie*, Annual report, etc., 1847–9.

Delights for ladies. *See PLATT (H.)*, 1651.

DELLA, prefix to surnames. *See the word following the prefix.*

DELONDRE (Auguste) & A. BOUCHARDAT.

Quinologie: des quinquinas et des questions qui s'y rattachent avec le plus d'actualité. Paris, 1854. 4 + 48 p. + 23 col. pl. + 1 uncol. pl. + 1 col. map.*

See also PHOEBUS (P.), *Die Delondre-Bouchardatschen China-Rinden*, 1864.

DELONDRE (Augustin Ambroise).

See BÜCHNER (F. C. C. L.), *Science et nature*, traduit, 1866.

See HARDY (A.), *Note sur la culture du quinquina en Algérie*, [avec notes par J. L. Soubeiran et A. A. D., 1868].

See MULDER (G. J.), *De la bière*, traduit, 3me éd., 1865.

See SOCIÉTÉ BOTANIQUE DE FRANCE, *Bombardement du Muséum d'histoire naturelle de Paris*, rapport par A. D., 1871.

See SOCIÉTÉ D'ACCLIMATATION, *De l'introduction et the l'acclimation des cinchonas dans les Indes néerlandaises et britanniques*, par J. L. Soubeiran et A. D., 1868.

DELONDRE (Augustin Ambroise)—*continued.*

See SOUBEIRAN (J. L.) & A. A. D., De l'acclimatation des cinchonas dans les Indes néerlandaises et britanniques, 1867;—De la nacre, etc., 1867;—De la pêcherie d'huîtres perlières de Tinnevelly, etc., 1867;—La matière médicale à l'exposition de 1867;—Produits végétaux du Portugal, 1867.

Delphinium staphisagria. DRAGENDORFF (G.), *Über die Alkaloide, von Marquis, 1877.*

DELTEIL (A.). *La vanille à la Réunion; [avec Notice sur le faham, angraecum fragrans; Résumé des observations météorologiques faites à l'île de la Réunion, 1876-7]; thèse. Montpellier, 1878. 54 p. + 2 pl. (École supérieure de pharmacie de Montpellier.)*

DÉNIAU (P. C. Félix). *Le silphium, asa foetida, précédé d'un mémoire sur la famille des ombellifères considérée au point de vue économique, médical et pharmaceutique, et des observations sur les gommes-résines; thèse. Paris, 1868. 24 + 160 p. (École supérieure de pharmacie de Paris.)*

DENMARK. *Pharmacopœa Danica; regia auctoritate edita anno 1868. Editio secunda. Hauniæ, 1869. 346 p.*

DENTAL HOSPITAL OF LONDON. *See ODONTOLOGICAL SOCIETY OF GREAT BRITAIN, Inaugural address by E. Sercombe, 1874.*

Dental review. London, 1861-[7]. Vol. 3-5; new ser., v. 1-3.

Note.—The first series appeared monthly; the new series, quarterly.

Dental science. *See Teeth.*

DESCHANEL (A. Privat).

Elementary treatise on natural philosophy; translated [from the French], with additions, by J. D. Everett. London, 1871-2. 4 pts., 3 col. pl.

Same. Fourth edition. London, 1877. 28 + 1070 p. + 3 col. pl.

DESCOURTILZ (Michel Étienne). *Flore [pittoresque et] médicale des Antilles, ou Traité des plantes usuelles des colonies françaises, anglaises, espagnoles et portugaises; peinte par J. T. Descourtilz. Paris, 1821-8. Tom. 1-6, col. pl.**

Note.—This work should consist of 8 t., 600 pl. The following pl. are missing from the above copy of t. 1-6: 75, 78, 81, 83, 99, 125-6, 140, 147, 404, 408, 421. The words "pittoresque et" occur on t.-p. of t. 3-6.

DESCOURTILZ (J. Théodore). *See DESCOURTILZ (M. E.).*

Descriptions & medical properties of plants, with impressions of their leaves in oil. [17—?]. 2 + 308 + 2 p., ms. *

Note.—Some of the illustrations are in pencil.

Desmidiaceæ. PRITCHARD (A.), *History of infusoria, 4th ed., 1861.*

DESMOND (W.). *See FOURCROY (A. F. DE), Chemical philosophy, 3rd ed., translated, 1807.*

DESTOUCHES (P. R.-). *See Journal de pharm. et de chimie, 1809-11.*

DEUTSCHE CHEMISCHE GESELLSCHAFT ZU BERLIN. Berichte; Redacteur, H. Wichelhaus. Berlin, 1873–9. Jahrg. 6–12, por., pl.

DEUTSCHER APOTHEKER-VEREIN.

Archiv des Apothekervereins im nördlichen Teutschland, für die Pharmazie und deren Hülfswissenschaften, herausgegeben von R. Brandes, [du Ménil, Witting, etc.]. Schmalkalden, 1822–4; Lemgo, 1825–31. Bd. 1–39, pl.

Archiv der Pharmacie; [eine Zeitschrift] des Apotheker-Vereins im nördlichen Teutschland; herausgegeben von R. Brandes, [H. Wackenroder und L. F. Bley]. Lemgo, 1837–8; Hannover, 1839–50. Bd. 59–114 (oder 2e Reihe, Bd. 9–64); pl.

Archiv der Pharmacie; [Zeitschrift des allgemeinen deutschen Apotheker-Vereins, Abtheilung Norddeutschland;] herausgegeben von H. Wackenroder, L. [F.] Bley [und H. Ludwig]. Hannover, 1851–67; Halle, 1868–72. Bd. 115–200 (oder 2e Reihe, Bd. 65–150); Ergänzungsheft, 1855–6–7 (2 copies); pl.

Archiv der Pharmacie; [Zeitschrift des deutschen Apotheker-Vereins;] herausgegeben von H. Ludwig [und E. Reichardt]. Halle, 1872–9. Bd. 201–15, (oder 3e Reihe, Bd. 1–15); pl.

Autoren- und Sach-Register zu den 131 Bänden des Archivs der Pharmacie, 1822–57; bearbeitet von G. C. Wittstein. Hannover, 1859. 724 p. 2 copies.

Note.—Bd. 15 of the “Archiv” contains “Register über Bd. 1–15, von W. Brandes”; Bd. 23 contains “Sachregister über Bd. 16–23”; afterwards an index was issued at the end of each year. Bd. 64 wants p. 1–112. From 1874 to 1879, supplements were issued, entitled “Zusammenstellung der vom Directorium des deutschen Apotheker-Vereins publicirten Bekanntmachungen und der amtlichen Verordnungen und Erlasse”; these have separate pagination, but no title-pages.

Many of the volumes contain each an extra t.-p.; the following is a summary of their contents:—Bd. 1–3 are the continuation (Bd. 3–5) of the “Pharmaceutische Monathsblätter” (*which see*); Bd. 5, 9, 13 and 18 are respectively 1 to 4 of Brandes’ “Berichte vom Felde der pharmazeutischen Literatur”; Bd. 6 and 10 are respectively 1 and 2 of “Kritische Blätter für die Pharmazie”; Bd. 67–114 have the secondary title “Archiv und Zeitung des Apotheker-Vereins in Norddeutschland”; the extra t.-p. of Bd. 115–215 state the connection of the work with the Verein, as given in brackets above. The title “Allgemeiner deutscher Apotheker-Verein” was continued to the end of 1873; the title “Deutscher Apotheker-Verein” was first used in 1874.

See also Jahrbuch für praktische Pharmacie, Nenes Jahrb., 1873.

DEUTSCHES BRAUERBUND, *Frankfort-on-Main.*

Die Herbstzeitlose im Bier. Frankfurt a. M., 1877. 24 p.

Devon.

HOLMES (E. M.), Scale mosses and liverworts of Devon and Cornwall, [with lichens, 1868–9?].

— & F. BRENT, Mosses of Devon and Cornwall, [1868–9?].

- DEVRIENT (Charles H.). *See HAHNEMANN (S. C. F.)*, Homœopathic medical doctrine, translated, 1833.
- Dew. TOMLINSON (C.), Experimental essays, 1863.
- DEWAR (James). On the application of sulphurous acid, gaseous and liquid, to the prevention, limitation, and cure of disease; with cases. Seventh edition. Edinburgh, 1868. 48 p.
- [DEWEY (Melvil).] Classification and subject index for cataloguing and arranging the books and pamphlets of a library. Amherst, [or Boston, U.S.,] 1876. 42 p.
- Note.*—The cover states Boston, the title-page, Amherst. On the last page of the cover is matter pertaining to the work.
- DEY (*Rai Bahadoor Kanny Loll*). Indigenous drugs of India; short descriptive notices of the medicines, vegetable and mineral, in common use. Calcutta, 1867. 2 + 6 + 8 + 130 p.
- See also* BENGAL, MEDICAL DEPARTMENT, Indigenous drugs of India, by K. L. D., [1877 ?];—[Report of the Chemical Examiner's Department for 1877–8, by K. L. D., 1878 ?].
- DEYEUX (Nicolas ?). *See Annales de chimie.*
- Diabetes. *See Urine.*
- Dialyzed iron. *See Iron, Dialyzed.*
- DIAMOND (Hugh W.). *See PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN, Photographic Journal*, 1859–69.
- Diarrhoea. (*See also Cholera.*)
- DOBIE (W. M.), On chlorine in choleraic diarrhoea, 1867.
- JOHNSON (G.), On epidemic diarrhoea and cholera, 1866.
- Practical observations on Indian bael in diarrhoea, [185–?].
- DIATOMACEÆ. PRITCHARD (A.), History of infusoria, 4th ed., 1861.
- DICK (William). *See Veterinarian*, 1844.
- DICKINSON (William).
- Unconstitutional and illegal proceedings of the Pharmaceutical Society. London, [1853 ?]. 48 p.
- See also Annals of pharmacy and practical chemistry*, 1852–4.
- DICKSON (Samuel).
- Fallacies of the faculty; with principles of the chrono-thermal system of medicine. People's edition. London, 1843. 4 + 188 p.
- Destructive art of healing; sequel to Fallacies of the faculty. Fourth edition. London, 1856. 76 p.
- See also London medical practice, by a physician*, 1860.
- DICKSON (Stephen). Essay on chemical nomenclature; [with] observations by R. Kirwan. London, 1796. 2 + 16 + 296 p.
- Diclidanthera. MARTIUS (C. F. P. v.), Über die Stellung der Pflanzengattungen Moutabea u. Dicl. im natürlichen Systeme, 1856.
- Dictionaries. *See Encyclopædias, and under various languages, etc.*

Dictionnaire encyclopédique des sciences médicales. *See PLANCHON* (G.), *Quinquina, botanique*, [187—?].

Diet. *See Food.*

DIETRICH (Baron DE). *See Annales de chimie.*

Diffusion of liquids. *GRAHAM* (T.), *Suppl. observations*, 1850.

Digestion and Indigestion.

ABERNETHY (J.), *Surgical observations, including directions for treatment of disorders of digestive organs*, 10th ed., 1828.

DAUBENTON (L. J. M.), *Observations on indigestion, efficacy of ipecacuan*, 3rd ed., 1809.

JOHNSON (J.), *Essay on indigestion*, 7th ed., 1831.

LEARED (A.), *Causes & treatment of imperfect digestion*, 2 ed., 1861.

LE GUILLON (Dr.), *On dyspepsia, induced by soda-water, etc.*, 1869.

MIALHE (L.), *Recherches sur la digestion, l'assimilation et l'oxydation organique ou vitale*, 1879 [p. 1878].

PÉTRÉQUIN (J. E.), *De l'emploi thérapeutique des lactates alcalins dans les maladies fonctionnelles de l'appareil digestif*, 1864.

PROUT (W.), *Chemistry, meteorology, and the function of digestion, considered with reference to natural theology*, [2nd ed.,] 1834.

Digitalis. *BRANDT* (A.), *Experimentelle Studien über die forensische Chemie der Digitalis und ihrer wirksamen Bestandtheile*, 1869.

Dijon. *FLÜCKIGER* (F. A.), *Inventaire d'une pharmacie en 1439*, 1873.

DILLENIUS (Johann Jacob). *See LINNÉ* (C.v.), *Selection of the correspondence of Linnaeus, etc.*, 1821, *Note*.

DINGLER (Emil Maximilian). *See Polytechnisches Journal*, 1858—9.

Disco, Greenland. *BROWN* (R.), *Campst., Florula Discoana*, 1868.

Discoveries. *BECKMANN* (J.), *History of inventions, etc.*, 3 ed., 1817.

Disease. (*See also Medicine*; & various diseases under their names.)

ABERNETHY (J.), *Surgical obser. on local diseases*, 10th ed., 1828.

AINSLIE (W.), *Materia Indica*, [with] names of diseases in eastern languages, 1826.

ALEXANDER (W.), *Experimental essays on the external application of antiseptics in putrid diseases*, 1768.

BEALE (L. S.), *Disease germs*, 2nd ed., 1872.

BOERHAAVE (H.), *Commentaries upon the Aphorisms of B., concerning diseases*, by G. van Swieten, [with text,] transl., 1744—65.

BOISSIER DE SAUVAGES (F.), *Nosologia methodica*, 1763.

CLARK (John), *Observations on the diseases which prevail in long voyages to hot countries*, 3rd ed., 1809.

CULLEN (W.) *Nosology, systematic arrangement of diseases*, 1800.

— First lines of physic, including definitions of nosology, 1816.

G. (F.), *Essay on a non-descript or newly-invented disease*, 1790.

HOCKEN (E. O.), *Essay on the influence of constitution, in the production of disease*, 1841.

Disease—continued.

LIND (J.), *Essay on diseases incidental to Europeans in hot climates*, 6th ed., 1808.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, *Nomenclature*, 1869.

SEARLE (C.), *The why and the wherefore, or, Philosophy of life, health, and disease*, 1846.

SMEE (A.), *Sewage, sewage produce, and disease*, 1873.

Disinfection.

CONDY (H. B.), *Disinfection by means of artificial ozone*, 1860.

— *Question de priorité, propriétés désinfectantes des permanaganates alcalins*, 1867.

CROOKES (W.), *On disinfectants in the cattle plague*, 1866.

Disinterment. See Interment.**Dispensaries. See Hospitals.****Dispensary. See Dispensatory, New compendious.**

Dispensary, The; a poem. *See GARTH (S.)*, 9th ed., 1726.

Dispensatories. (*See also Dispensatory;—Formularies;—Pharmacopœias;—Prescriptions;—Receipts.*)

DORVAULT (F. L. M.), *L'Officine, répertoire général, contenant le dispensaire, etc.*, 1844; 3me éd., 1850; 6me éd., 1866; 8me éd., 1872.

GRAY (S. F.), *Supplement to the pharmacopœias*, 1818; new ed., 1821; 6th ed., 1836.

JOURDAN (A. J. L.), *Pharmacopée universelle*, 1828; 2e éd., 1840.
— *Eng.*, *Pharmacopœia universalis*, by J. Rennie, 1831–3.

REDWOOD (T.), *Gray's Supplement*, 2nd ed., 1848; 3rd ed., 1857.

Dispensatory, American. KING (J.), *Amer. disp.*, 8th ed., 1872.

Dispensatory, Bate's. BATE (G.), *Pharmacopœia Bateana*, 1688, *etc.*

Dispensatory, Bengal. BENGAL, *GOVERNMENT*, *Bengal disp.*, 1842.

Dispensatory, British.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, *British dispensatory*, 1747.

— *New British dispensatory*, 1781.

Dispensatory, Christison's. CHRISTISON (R.), 1842; 2nd ed., 1848.

Dispensatory, Compleat chymical. SCHRÖDER (J.), 1669.

Dispensatory, Domestic. *See Dispensatory, Family.*

Dispensatory, Edinburgh.

DUNCAN jun. (A.), *Edinburgh new dispensatory*, 1803; 2nd ed., 1804; 3rd ed., 1806; 4th ed., 1808; 6th ed., 1811.

[*Edinburgh new dispensatory*, 2nd ed., 1788?]; 5th ed., 1797.

ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, *Pharmacopœia Edinburgensis, various dates from 1722 to 1841*.

Dispensatory, English.

COLBORNE (R.), *Complete English dispensatory*, 1756.

JAMES (R.), *Pharmacopœia universalis, or New universal English dispensatory*, 1747; 2nd ed., 1752; 3rd ed., 1764.

Dispensatory, English—continued.

QUINCY (J.), [Pharmacopœia officinalis ... Compleat English dispensatory, 3rd ed., 1720;] 4th ed., 1722; 6th ed., 1726; 7th ed., 1728; 8th ed., 1730; 10th ed., 1736; 11th ed., 1739; 12th ed., 1742; 14th ed., 1769.

Dispensatory, Family.

BUCHAN (W.), Domestic medicine, with dispensatory, 18th ed., 1803.

CULPEPER (N.), English physician ... complete family disp., [1798.]

FULLER (T.), Pharmacopœia domestica, or, Family disp., 1739.

Dispensatory, General. See BROOKES (R.), 1753; 2nd ed., 1765.

Dispensatory, London.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia Londinensis, or London dispensatory;—New London dispensatory; etc., various dates from 1639 to 1851.

THOMSON (A. T.), London disp., 1814; new ed., 1824; 10th ed., 1844; 11th ed., 1852.

Dispensatory, Medicinal. RENOU (J. DE), Med. disp., Englished, 1657.

Dispensatory, National. STILLÉ (A.) & J. M. MAISCH, 1879.

Dispensatory, New. LEWIS (W.), 1753; 2nd ed., 1765; 3rd ed., 1770; 5th ed., 1785.

Dispensatory, New British. See Dispensatory, British.

Dispensatory, New compendious. Medulla medicinæ universæ, or New compendious dispensa[re]ry, 1747; 4th ed., 1752.

Dispensatory, New London. See Dispensatory, London.

Dispensatory, New universal English. See Dispensatory, English.

Dispensatory, Practical. RADCLIFFE (J.), 4th ed., 1721.

Dispensatory, Royal Hospital. See ROYAL HOSPITAL or INFIRMARY, Edinburgh, Pharmacopœia, 1753; 1770; 1817.

Dispensatory, Surgeon's. Theory and practice of chirurgical pharmacy, a dispensatory for surgeons, 1761.

Dispensatory, United States. WOOD (G. B.) & F. BACHE, Dispensatory of the United States of America, 5th ed., 1843; 7th ed., 1847; 9th ed., 1851; 11th ed., 1858; 12th ed., 1865; 14th ed., 1877.

Dispenser's chart, an abstract from the British pharmacopœia; [with abstract from the directions of the Royal Humane Society, for restoring the apparently dead, from drowning or other causes. London, 187-?]. Broadside.

Diss. LALLEMANT (C.), Étude sur l'ergot du diss, 1863.

Distillation or Distilling.

COOPER (A.), Complete distiller, new ed., 1810.

FRENCH (J.), [Art of distillation, 1651?]; [3rd ed., with London distiller, 1664].

GESNER (C.), Treasury of Evonymus, [pseud.,] 1559.

— [Newe jewell of health, 1576.]

Distillation or Distilling—continued.

- GLAUBER (J. R.), Description of new philosophical furnaces, 1652.
- POOLEY (T. A.), Distilling, 2nd ed., 1878.
- SHANNON (R.), Practical treatise on brewing, etc., 1805.
- SMITH (G.), of Kendal, Compleat body of distilling, 1725; 2nd ed., 1731.
- Y-WORTH (W.), Compleat distiller, 2nd ed., 1705.
- Diuretics.** ALEXANDER (W.), Experimental essays, 1768.
- DIVE (Paul). Essai sur un arbre du genre pinus qui croît spontanément dans les Landes de Gascogne; thèse. Paris, 1872. 54 p. (École supérieure de pharmacie de Paris.)
- DOBELL (Horace).
- On the class of medical literature most needed at the present day. London, 1857. 60 p.
- Report on the experience of medical men who have used pancreatic emulsion of fat. London, 1867. 30 p.
- Reports on the progress of practical and scientific medicine in different parts of the world; edited by H. D., assisted by numerous coadjutors. London, 1870–1. Vol. 1–2.
- On winter cough, catarrh, bronchitis, emphysema, asthma. Third edition. London, 1875. 36 + 294 p. + 2 col. pl.
- DOBIE (Rowland). History of the united parishes of St. Giles-in-the-Fields and St. George, Bloomsbury. Second edition. London, 1834. 8 + 438 p. + 1 map.
- DOBIE (William Murray). On the use of chlorine in the treatment of Asiatic cholera and choleraic diarrhoea. Edinburgh, 1867. 8 p.
- DOBSON (Matthew). Medical commentary on fixed air. Second edition; with appendix on the use of the solution of fixed alkaline salts saturated with fixible air in the stone and gravel, by W. Falconer. London, 1785. 8 + 176 + 56 p.
- DOBSON (William). Experimental inquiry into the structure and functions of the spleen. London, 1830. 32 p.
- Docks.** SWEDENBORG (E. SWEDBERG, Baron v.), Some specimens of a work on chemistry, with other treatises [on iron, ... docks, dykes, etc.], 1847.
- Dog.** ROUCHER (C.), De la rage [hydrophobie] en Algérie, 1866.
- DON** (George). See HOOKER (J. D.) & G. BENTHAM, Flora Nigritiana, 1849.
- DONKER (O.). See DRAGENDORFF (G.), Einige Notizen über Theobromin, 1878.
- DONN (James). Hortus Cantabrigiensis; accented catalogue of indigenous and exotic plants cultivated in the Cambridge Botanic Garden. Twelfth edition, with additions, by G. Sinclair. London, 1831. 8 + 544 p.

DONOVAN (C.). Reply to Sir B. [C.] Brodie's attack on phrenology, in his Psychological inquiries. London, 1857. 40 p.

DORPAT. See KAISERLICHE UNIVERSITÄT ZU DORPAT.

DORPATER NATURFORSCHER-GESELLSCHAFT. [Sitzungsberichte. Dorpat, 1879.] P. 17-20. (Beilage zur baltische Wochenschrift, Nr. 32.)

DRAGENDORFF (G.), Berichte über Einwirkung verschiedener Antiseptica.

DORVAULT (François Laurent Marie).

L'Officine ; répertoire général de pharmacie pratique : contenant le tarif général ; le dispensaire, ou conspectus des pharmacopées, des formulaires, matières médicales, etc. ; la pharmacie légale, comprenant la législation pharmaceutique, la toxicologie, l'essai des médicaments ; l'appendice pharmaceutique, comprenant la pharmacie vétérinaire, [homœopathique, etc.]. Paris, 1844. 4 + 8 + 652 p.

Same. Troisième édition. Paris, 1850. 992 p. + 2 pl.

Same. Sixième édition. Paris, 1866. 1500 p.

Same. Huitième édition. Paris, 1872. 1572 p. + 2 pl.

Iodognosie ; monographie chimique, médicale et thérapeutique, des iodiques en général, et en particulier de l'iode et de l'iodure de potassium. Paris, 1850. 32 + 274 p.

De l'organisation de la pharmacie en France, considérée dans ses rapports avec la propagation des sciences d'application. Paris, 1851. 32 p.

See also PHARMACIE CENTRALE DE FRANCE, L'Union pharmaceutique, 1860-71 ;—Catalogue pharmaceutique, 1862.

Doses. See Posology.

DOSSIE (Robert).

Elaboratory laid open ; the secrets of modern chemistry and pharmacy revealed. London, 1758. 2 + 14 + 384 p. 2 copies.

Institutes of experimental chemistry. London, 1759. 2 vol.

See also Z. (A.), Remarks on R. D.'s Institutes of chem., 1760.

DOUGLAS (Silas H.) & A. B. PRESCOTT. Qualitative chemical analysis. Ann Arbor, 1874 [p. 1873]. 260 p.

DOVER (Thomas). Ancient physician's legacy to his country ; account of diseases, with remedies. Second ed. Lond., 1732. 6 + 156 p.

DOWLEANS (A. M.). See INDIA, GOVERNMENT, Official catalogue of contributions to the London Exhibition, compiled by A. M. D., 1862.

DOWLING (Charles Hutton).

Series of metric tables, in which British standard measures and weights are compared with those of the metric system in use on the continent. London, 1864. 36 + 124 p.

See also YATES (J.), Handbook to accompany Synoptic table, 1864.

DOWN (John Langdon Haydon). Account of a second case in which the corpus callosum was defective. London, 1866. 6 p.

DOWSE (Thomas Stretch). Abbreviated notes on the physiological and therapeutic action of *gelseminum sempervirens* and *jaborandi*. London, 1879. 16 p.

DRAGENDORFF (Georg).

Chemische Untersuchung über einen an der *Betula alba* und verwandten Arten vorkommenden Pilz; [Dissertation]. St. Petersburg, 1864. 2 + 34 p. (Kaiserliche Universität Dorpat.)

Chemische Untersuchung der *Radix Corniolæ* und *Radix Salep*; [2, Beiträgez ur Kenntniss des Cantharidins; 3, Mengenbestimmung einzelner Bestandtheile der Kameelmilch. St. Petersburg, 1866]. 30 p., n. t.-p. (Kaiserl. Univ. Dorpat, Untersuchungen.)

Beiträge für den gerichtlich-chemischen Nachweis des Morphins und Narkotins in thierischen Flüssigkeiten und Geweben. [St. Petersburg, 1868.] 36 p., n. t.-p. (Kaiserliche Universität Dorpat, Untersuchungen.)

Materialien zu einer Monographie des Inulins. St. Petersburg, 1870. 4 + 142 p.

Beiträge zur gerichtlichen Chemie einzelner organische Gifte. St. Petersburg, 1872. 6 + 312 p.

Die gerichtlich-chemische Ermittelung von Giften in Nahrungsmitteln, Luftgemischen, Speiseresten, Körpertheilen, etc. Zweite Auflage. St. Petersburg, 1876. 20 + 520 p. + 1 tab.

Fr. Manuel de toxicologie; traduit [de l'allemand], avec additions, par E. Ritter. Paris, 1873. 4 + 8 + 708 p. + 1 col. pl.

Die Verfälschung ätherischer Öle mit Terpentin-Öl, etc., und ihr Erkennung durch Weingeist. [München, 1873.]. 28 p., n.t.-p.

Die chemische Werthbestimmung einiger starkwirkender Drogen und der aus ihnen angefertigten Arzneimischungen. St. Petersburg, 1874. 128 p. + 2 tab.

Fr. Analyse chimique de quelques drogues actives et de leur préparations pharmaceutiques; traduit [de l'allemand] par J. Morel. Gand, 1876. 4 + 124 p.

Über Nachweisung fremder Bitterstoffe im Biere. [Halle, 1874.] 50 p. + 1 tab., n. t.-p.

Fr. Sur la recherche des substances amères dans la bière; traduit de l'allemand, par J. Morel. Bruxelles, 1874. 60 p. + 1 tab.

Über die Alkalioide des *Delphinium Staphisagria*; von Provisor Marquis. [Leipzig, 1877.] [26] p., n. t.-p. (Kaiserliche Universität Dorpat, Arbeiten.)

Über die Bestandtheile des Mutterkornes: Vortrag. [Dorpat, 1877.] 14 p., n. t.-p.

[Analysen zweier Äpfel. Dorpat, 1878?] [4] p., n. t.-p.

Chemische Beiträge zur Pomologie, mit Berücksichtigung der livländischen Obstcultur. Dorpat, 1878. 4 + 102 p.

Note.—Treats chiefly of the apple.

DRAGENDORFF (Georg)—continued.

Die Entstehungsgeschichte des Bernsteins, erläutert mit Hülfe von Beobachtungen an Copalpflanzen: Vortrag. [Dorpat, 1878?] 4 p., n. t.-p.

Einige Notizen über Theobromin, nach Untersuchungen der O. Donker und C. Treumann; [2, Analyse der Zwiebeln von Erythronium dens canis, L. Halle, 1878.] 14 p., n. t.-p. (Kaiserliche Universität Dorpat, Arbeiten.)

Rhabarberanalysen. [St. Petersburg, 1878.] 14 p., n. t.-p. (Kaiserliche Universität Dorpat, Untersuchungen.)

Über einige abyssinische Heilmittel; [2, Einige Notizen zur gerichtlichen Chemie; 3, Materialien zu einer chemischen Werthbestimmung der flores Cinæ. Halle, 1878.] 64 p., n. t.-p. (Kaiserliche Universität Dorpat, Untersuchungen.)

Beiträge zur Chemie der Päonien. [Halle, 1879.] 50 p., n. t.-p. (Kaiserliche Universität Dorpat, Untersuchungen.)

Includes “Über die Samen der Paeonia peregrina von Dragendorff und Stahre”; “Quantitative Analyse der Päoniensamen, von L. Stahre”; “Über die Zusammensetzung der Radix Paeoniae peregrinae, nach Analysen der K. Mandelin und G. Johannson zusammengestellt.”

Bemerkungen in Bezug auf die Nachweisbarkeit des Strychnins in verwesenden Cadavern. [Berlin, 1879.] 4 p., n. t.-p.

Berichte über die im pharmaceutischen Institute durch N. Schwartz ausgeführtem Versuche über Einwirkung verschiedener Antiseptica und solcher Arzneimittel, welche bei Infektionskrankheiten, &c., angewendet werden, auf Bacterien. (*In DORPATER NATURFORSCHER-GESELLSCHAFT, Sitzungsberichte, 1879, p. 18–20.*)

Über die Beziehungen zwischen chemischen Bestandtheilen und botanischen Eigenthümlichkeiten der Pflanzen. [St. Petersburg, 1879.] 48 p., n. t.-p.

Über Mannit als Nebenproduct der Milchsäuredarstellung aus Rohrzucker; [2, Ein Beitrag zur Entstehungsgeschichte der Harze und zur Chemie der ätherischen Öle. Halle, 1879]. 8 p., n. t.-p. (Kaiserl. Univ. Dorpat, Untersuchungen.)

See also BJÖRKLUND (G. A.) & G. D., Chemische Untersuchung des Wurzelstockes und Krautes der Saracenia purpurea, 1863.

See also Jahresbericht über die Fortschritte der Pharmacognosie, etc., 1875–9.

— & PODWISSOTZKY. Über die wirksamen und einige andere Bestandtheile des Mutterkornes. [Leipzig, 1876.] 42 p., n. t.-p. (Kaiserliche Universität Dorpat, Untersuchungen.)

DRAKENBORCH (Arnold). *See* LIVIUS (T.), Historia, 1842.

Drama. *Athenæum, journal of ... the drama*, 1871–9.

DRAPER (Harry Napier). Manual of the medicinal preparations of iron, including their preparation, chemistry, physiological action, and therapeutical use; with the iron preparations of the British pharmacopœia. Dublin, 1864. 10 + 132 p.

DRESSER (Christopher).

Rudiments of botany, structural and physiological; comprising a glossary. London, 1859. 24 + 434 p.

Unity in variety, as deduced from the vegetable kingdom. London, 1859. 16 + 164 p.

Carpets. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Hosiery, etc., p. 90-130.*)

Drink. *See Food, Drink, and Diet.*

Dropsy. TISSOT (S. A. D.), Practical observ. on small-pox, 1772.

Dropsy, Ovarian. BROWN (I. B.), On ovarian dropsy, 2nd ed., 1868.

Druggists. *See Pharmacy.*

Druggists' general receipt book. BEASLEY (H.), 2nd ed., 1852; 7th ed., 1872; 8th ed., 1878.

Drugs. *See Materia medica.*

DRUITT (Robert). Surgeon's vade mecum: manual of modern surgery. Ninth edition. London, 1865. 24 + 860 p.

DRUMMOND (J.). *See BISCHOF (G.), Elements of geology, 1854.*

DRUMMOND (James L.). First steps to botany. London, 1823. 8 + 390 p.

DRURY (Colonel Heber). Useful plants of India; with notices of their chief value in commerce, medicine, and the arts. Second edition. London, 1873. 16 + 512 p.

Dryobalanops camphora. VRIESE (W. H. DE), Mémoire sur le camphrier de Sumatra et de Bornéo, 1856.

Dublin.

See KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND.

See PHARMACEUTICAL SOCIETY OF IRELAND.

See QUEEN'S UNIVERSITY, IRELAND.

See ROYAL COLLEGE OF SURGEONS IN IRELAND.

—. Hospitals. *See SQUIRE (P.), Pharmacopœias of London hospitals, 4th ed., etc., 1879.*

—. International Exhibition of 1865.

See DUBLIN EXHIBITION PALACE ... COMPANY, Illustrated record and catalogue, by H. Parkinson and P. L. Simmonds, 1866.

See ITALY, ROYAL ITALIAN COMMISSION, Official catalogue, 1865.

DUBLIN EXHIBITION PALACE, AND WINTER GARDEN COMPANY, LIMITED.

Illustrated record and descriptive catalogue of the Dublin International Exhibition of 1865; compiled and edited by H. Parkinson, secretary and comptroller, and P. L. Simmonds, colonial superintendent. London, 1866. 16 + 570 p. + 25 pl.

Dublin journal of medical science.

Dublin journal of medical science; exhibiting the latest discoveries in medicine, surgery, and the collateral sciences. Dublin, 1842–5. Vol. 21–8.

Note.—Vol. 28 contains a general index of v. 1–28.

Dublin quarterly journal of medical science [etc.; second series].

Dublin, 1846–51; 1859–71. Vol. 1–2, 4–12, 27–52; pl.

Dublin medical press and circular. *See* Medical press and circular.

Dublin pharmacopœia. *See* KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND, 1807; 1850, etc.

Dublin quarterly journal of medical science. *See* Dublin journal.

DUBY (J. E.). *See* CANDOLLE (Aug. P. DE), Botanicon Gallicum, editio secunda, a J. E. D., 1828–30.

DUFFEY (George Frederick). *See* GRIFFITHS (W. H.), Materia medica and pharmacy, ed., and in part written, by G. F. D., 1879.

Dukhun. *See* Deccan.

DUMAS (Jean Baptiste [André]).

Traité de chimie appliquée aux arts. Paris, 1828–46. 8 tomes + atlas, 146 pl.

See also Annales de chimie et de physique, 2–5me sér.

See also Journal de chimie médicale, 1833; 1836–47.

— & J. B. [J. D.] BOUSSINGAULT. Chemical and physiological balance of organic nature. Third edition. Lond., 1844. 14 + 166 p.

Dumb. WRIGHT (W.), Essay on the human ear, etc., 1817.

DU MÊNIL (August Peter Julius). *See* DEUTSCHER APOTHEKER-VEREIN, Archiv für die Pharmazie, 1822–4.

DUMREICHER (Prof. Hofrath von). *See* Jahresbericht der chirurgischen Klinik des v. D., 1871.

DUNCAN jun. (Andrew).

Edinburgh new dispensatory: containing elements of pharmaceutical chemistry; materia medica; pharmaceutical preparations and compositions; translations of the London, Dublin, and Edinburgh pharmacopœias, etc. Edin., 1803. 16 + 704 p. + 6 pl.

Same. Second edition. Edinburgh, 1804. 18 + 754 p. + 6 pl.

Same. Third edition. Edin., 1806. 16 + 762 p. + 6 pl. 2 copies.

Same. Fourth edition. Edinburgh, 1808. 16 + 806 p. + 6 pl.

Same. Sixth edition. Edinburgh, 1811. 14 + 866 p. + 6 pl.

Note.—For earlier editions, see Edinburgh new dispensatory.

DUNCAN sen. (Andrew). *See* Edinburgh new dispensat., 2 ed., 1788.

DUNCAN (Martin). *See* GRIFFITH (J. W.) & A. HENFREY, Micrographic dictionary, 3rd ed., 1875.

DUNCAN (William). Elements of logick. Sixth edition. London, 1770. 372 p.

Dunciad, The; [satirical poem]. *See POPE (A.)*, [1729?].

DUNGLISON (Robley).

New remedies: pharmaceutically and therapeutically considered.

Fourth edition. Philadelphia, 1843. 616 p.

See also London medical repository, 1823–4.

See also MAGENDIE (F.), Formulary for new remedies, 4 ed., 1825.

DUNNING (John). Tobacco. (*In BEVAN, G. P.*, British manufacturing industries, 2nd ed., Tobacco, etc., p. 5–32.)

DUPRÉ (August). *See THUDICHUM (J. L. W.) & A. D.*, Treatise on the origin, nature, and varieties of wine, 1872.

DURAND (Elias). *See EDWARDS (H. M.) & P. VAVASSEUR*, Manual of *materia medica* and *pharmacy*, translated, 1829.

DUREAU (B.). The sugar question as it affects the consumer; [translated from the French ;] edited by Joseph Travers & Sons. London, 1864. 4 + 74 p.

Durham. *See UNIVERSITY OF DURHAM*.

DURHAM (Arthur Edward). *See GUY'S HOSPITAL*, Reports, 1868–73.

DUROY (J. L. P.).

Procédés pour découvrir le chloroforme dans le sang et dans les cadavres. [Paris,] 1851. 12 p., n. t.-p.

Expériences et considérations nouvelles pour servir à l'histoire de l'iode. Paris, 1854. 20 p.

Anesthésimètre: nouvel appareil pour appliquer le chloroforme. [Paris,] 1856. 12 p.

DUTAILLY (G.). *See BAILLON (H. E.)*, Dict. de botanique, 1876–9.

Dutch language.

PICARD (H.), New pocket dictionary of the English-Dutch and Dutch-English languages, 5th ed., 1877.

PIJL (R. VAN DER), Practical grammar of the Dutch language, 4th ed., by L. A. Laurey, 1876.

Dutch pharmacopœia. *See NETHERLANDS*, Pharmacopœa Batava, 1805;—Pharmacopœa Neerlandica, ed. altera, 1871, etc.

DUTT (Udoj Chand). Materia medica of the Hindus, compiled from Sanskrit medical works; with glossary of Indian plants, by G. King and the author. Calcutta, 1877. 16 + 356 p.

DUVOIR-LEBLANC (Léon). *See MALEPEYRE (F.)*, Rapport sur les appareils de chauffage de L. D.-L., 1844.

Dyeing.

BERTHOLLET (C. L.), Elements of the art of dyeing, 1791.

CHEVREUL (M. E.), Physical investigations on dyeing, influence that two colours may exercise when seen simultaneously, 1848.

NAPIER (J.), Manual of dyeing, 1853; 3rd ed., 1875.

PACKER (T.), Dyer's guide, 1816.

SIMS (T.), Dyeing and Bleaching, 2nd ed., 1877.

DYER (William Turner Thistleton).

See JOHNSON (S. W.), How crops grow, revised, 1869.

See Quarterly journal of microscopical science, 1873–5.

See SACHS (J.), Text-book of botany, translated, 1875.

See TRIMEN (H.) & W. T. T. D., Flora of Middlesex, 1869.

Dykes. SWEDENBORG (E. SWEDBERG, Baron v.), Some specimens of a work on chemistry, with other treatises [on ... dykes, etc.], 1847.

Dysentery.

Practical observations on the use of Indian bael or bela, in dysentery, diarrhoea, etc., [185–?].

SEARLE (C.), Cholera, dysentery, and fever, 1847.

Dyspepsia. *See* Digestion and Indigestion.

Ear.

CURTIS (J. H.), Treatise on physiology and diseases of ear, 1817.

ROYAL DISPENSARY FOR DISEASES OF THE EAR, Advice to the deaf, present state of aural surgery, lecture by J. H. Curtis, 1841.

THOMAS (L.), Brief considerations on diseases of ear, in relation to life assurance, etc., 2nd ed., 1876.

WRIGHT (W.), Essay on the human ear, its structure and complaints, 1817.

Earth. EVELYN (J.), Silva, ... Terra, a philosophical essay of earth, [3rd ed.,] etc., 1706.

EAST INDIA COMPANY, London. *See* ROXBURGH (W.), Plants of the coast of Coromandel, 1795–1819.

East Indies. *See* INDIA.

Easter holiday in Liguria. *See* FLÜCKIGER (F. A.), 1877.

EASTON, AMOS AND SONS. *See* PRESTWICH (J.), D. CAMPBELL, & E., A. AND S., Report on Grays Thurrock water, 1860.

EBBESEN & HØRBYE (Drs.). Sulphureous bath at Sandefjord in Norway. Christiania, 1862. 50 p.

Ebenaceæ. HIERN (W. P.), Monograph of ebenaceæ, 1873.

EBERLE (John). Treatise of the materia medica and therapeutics. Second edition. Baltimore, 1824–5. 2 vol.

Eccaleobion. BUCKNELL (W.), The eccaleobion, a treatise on artificial incubation, 1839.

Eclipse, race-horse. CLARK (B.), Short history of Eclipse, [1835].

ÉCOLE DE MÉDECINE ET DE PHARMACIE DE RENNES. *See* MACÉ (M.), Traité de pharmacie galénique, cours professé à l'École, 1879.

ÉCOLE SUPÉRIEURE DE PHARMACIE DE MONTPELLIER.

[Thèses présentées à l'École, etc.] (*See* authors as below.)

DELTEIL (A.), La vanille à la Réunion, etc., 1878.

FRONSAC (A.) Étude sur les térébinthines, etc., 1877.

KAUFFEISEN (L.), Du m'boundou, poison d'épreuve du Gabon, 1876.

LAMOTTE-BERTIN (J. A. T. DE), Synthèses chimiques et pharm., 1846.

ÉCOLE SUPÉRIEURE DE PHARMACIE DE PARIS.

[Thèses présentées à l'École, etc.] (See authors as below.)

- BOUCHARDAT (G.), De la mannite et de ses éthers, 1873.
- BROUSSE (J.), Synthèses de pharmacie et de chimie, 1862.
- DÉNIAU (P. C. F.), Le silphium, asafœtida, 1868.
- DIVE (P.), Essai sur un arbre du genre pinus, 1872.
- GONDARD (O.), Des acides oxyphénylsulfureux, etc., 1874.
- GOURDIN (T.), Synthèses de pharmacie et de chimie, 1862.
- GUILLAUMET (A.), De la respiration végétale, 1872.
- MOUSNIER (J.), Les champignons dans la Charante-inférieure, 1873.
- PATROUILlard (C.), Des aconits et de l'aconitine, 1872.
- VERNE (C.), Étude sur le boldo, 1874.
- VIGIER (F. L.), Gommes-résines des ombellifères, 1869.

See also FRANCE, Codex medicamentarius, 1839 ; 1866.

See also GUIBOURT (N. J. B. G.), Histoire des drogues, cours professé à l'École, 4me éd., 1849-51, etc.

Economic science. *See Political economy.*

EDE (Robert Best). Practical facts in chemistry. London, 1837.
20 + 196 p. + 1 pl.

EDEN (Rt. Hon. William). *See AUCKLAND (Baron).*

Edinburgh.

See BOTANICAL SOCIETY OF EDINBURGH.

See GAIRDNER (J.), Sketch of the early history of the medical profession in Edinburgh, 1864.

See ROYAL BOTANIC GARDEN.

See ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH.

See ROYAL COLLEGE OF SURGEONS OF EDINBURGH.

See ROYAL HOSPITAL or INFIRMARY.

See UNIVERSITY OF EDINBURGH.

Edinburgh journal of science. *See Philosophical magazine, 1832.*

Edinburgh medical journal : combining the Monthly journal of medicine and the Edinburgh medical and surgical journal. Edinburgh, 185[5]-72. Vol. 1-17, pl.

Note.—See also London and Edinburgh monthly journ. of medical science.

Edinburgh new dispensatory.

[Edinburgh new dispensatory : containing elements of pharmaceutical chemistry; *materia medica*; preparations and compositions of the London and Edinburgh pharmacopœias, with additions from foreign pharmacopœias, etc., being an improvement of the "New dispensatory, by W. Lewis." Second edition, by A. Duncan, sen.? Edinburgh, 1788?] 656 p. + 3 pl., wanting p. 1-6, and part of p. 655-6.

Same. Fifth edition [by J. Rotherham]. Edinburgh, 1797.
32 + 596 p. + 3 pl.

Note.—See DUNCAN jun. (A.), for continuation of this work.

Edinburgh philosophical journal.

Edinburgh philosophical journal; exhibiting a view of the progress of discovery in natural philosophy, chemistry, natural history, [comparative anatomy,] practical mechanics, geography, [navigation,] statistics, and the fine and useful arts; conducted by [D.] Brewster and [R.] Jameson. Edinburgh, 1819–26. 14 v., pl.

Edinburgh new philosophical journal, exhibiting a view of the progressive discoveries and improvements in the sciences and the arts; [second series,] conducted by R. [and L.] Jameson. Edinburgh, 1854. Vol. 56–7, pl.

Same. New [*i.e.* third] series; editors, T. Anderson, W. Jardine, and J. H. Balfour. Edinburgh, 1855–6. Vol. 1–3, pl.

Note.—Vol. 2–3 are imperfect, each wanting the latter half.

Edinburgh veterinary review and annals of comparative pathology.

Edinburgh, 185[8]–60. Vol. 1–2, v. 1 *wanting p. 117–260.*

Education.

COLLEGE OF PRECEPTORS, Educational times, 1875–9.

GREAT BRITAIN AND IRELAND, HOUSE OF COMMONS, Report on medical education, 1834.

KING'S COLLEGE, LONDON, On education as illustrated by medical usages and experiences, lecture by W. A. Guy, 1868.

QUEEN'S COLLEGE, CORK, Introductory address on medical education, by A. Fleming, 1850.

ROYAL INSTITUTION OF GREAT BRITAIN, Lectures on education, 1855.

EDWARD (Thomas). Life of a Scotch naturalist, T. E.; by S. Smiles, Second edition. London, 1877. 2 + 446 p. + por. + 9 pl.

EDWARDS (Alphonse Milne). *See Annales des sciences naturelles*, 1874–9, sér. 6.

EDWARDS (Henri Milne). *See Annales des sciences nat.*, 1858–79.

— & P. VAVASSEUR.

Manual of *materia medica* and *pharmacy*; comprising a description of articles used in medicine; formulae of the *pharmacopœiae*; with observations on the mode of combining and administering remedies; translated from the French, with additions, and adapted to medicine and *pharmacy* in the United States, by J. Togno and E. Durand. [Philadelphia, 1829. 524 p. + 2 tab.

Nouveau formulaire pratique des hôpitaux, ou Choix de formules des hôpitaux de France, d'Angleterre, etc.; contenant [notice sur les hôpitaux de Paris], l'indication des doses, l'emploi de médicaments nouveaux, et des notions sur l'art de formuler. Quatrième édition, par [L.] Mialhe. Paris, 1841. 4 + 64 + 490 p.

Eng. and Lat. Universal *pharmacopœia*; or, Practical formulary of hospitals, British and foreign; translated from the [French]. Third edition, by M. Ryan. London, 1839. 16 + 2 + 542 p.

Egypt. (*See also Embalming.*)

ALPINUS (P.), *Medicina Ægyptiorum*, 1591; ed. nova, 1719.

M'GREGOR (J.), *Medical sketches of the expedition to Egypt from India*, 1804.

EISENMANN. *See Jahresbericht über die Fortschritte der Pharmacognosie*, 1854–8.

Elaboratory laid open. *See DOSSIE (R.)*, 1758.

Elatine: solution aqueuse de goudron de sapin concentré; son action thérapeutique expliquée dans les maladies des voies respiratoires, digestives et urinaires. Paris, [1864]. 46 p.

Elective attractions. BERGMAN (T. O.), *Dissertation*, 1785.

Electricity, and its applications.

AITKEN (W. C.), *Electroplate*, 2nd ed., 1878.

ALDINI (J.), *Application of Galvanism to medical purposes*, 1819.

Annals of electricity, magnetism, etc., by W. Sturgeon, 183[6]–43.

CAVALLO (T.), *Essay on the theory and practice of medical electricity*, 2nd ed., 1781.

CAVENDISH (H.), *Electrical researches, between 1771 and 1781*, ed. by J. C. Maxwell, 1879.

CROSSE (A.), *Memorials of A. C.*, [by C. A. H. Crosse,] 1857.

CUTHBERTSON (J.), *Practical electricity & Galvanism*, 2 ed., 1821.

FRANKLIN (B.), *Experiments & observ. on electricity*, 5 ed., 1774.

GORE (G.), *Art of electro-metallurgy*, 1877.

HARDING (T. H.) *Toothache and other affections of the teeth relieved by the electric cautery*, 2nd ed., 1859.

HOLMES (F. H.), *Holmes' magneto-electric light as applicable to lighthouses*, [1863?].

JENKIN (F.), *Electricity and magnetism*, 1873.

LA RIVE (A. DE), *Treatise on electricity*, 1853–8.

LEITHEAD (W.), *Electricity*, 1837.

— *The cosmical force*, [or, Electric and magnetic influence,] 1851.

LONDON ELECTRICAL SOCIETY, *Transactions*, 1837–40.

LOVETT (R.), *Subtil medium prov'd*, 1756.

— Sir I. Newton's æther realized, 2nd pt. of *Subtil med.*, 1758.

NOAD (H. M.), *Lectures on electricity*, 3rd ed., 1849.

— *Manual of electricity*, 4th ed. [of *Lectures*], 1855–7.

— *Student's text-book of electricity*, new ed., by Preece, 1879.

PREECE (W. H.) & J. SIVEWHITE, *Telegraphy*, 2nd ed., 1876.

PRIESTLEY (J.), *History and state of electricity*, 2nd ed., 1769.

SMEE (A.), *Elements of electro-metallurgy*, 1841.

— *Elements of electro-biology, electro-pathology, and electro-therapeutics*, 1849.

SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, *Library of useful knowledge, natural philosophy*, 1829–38, v. 2 (see).

Electricity—continued.

- SOLLY (E.), On the influence of electricity on vegetation, 1846.
 — Further observations on the influence of electricity, 1847.
 STURGEON (W.), Course of lectures on Galvanism, 1843.
 THOMSON (T.), Outline of heat and electricity, 2nd ed., 1840.
 WILKINSON (C. H.), Elements of Galvanism, 1804.

Elemi.

- BURI (E.), Neue Beiträge zur Kenntniss des Elemi, 1876.
 PLANCHON (G.), Note sur l'origine de l'elemi en pains, 1868.
 ELIOT (Charles W.) & F. H. STORER. Manual of inorganic chemistry. Second edition. London, 1868. 14 + 606 + 60 p.
 ELLIOT (John).
 Medical pocket-book. Third edition. Dublin, 1789. 8 + 136 p.
 Same. Fifth edition. London, 1798. 8 + 188 p.
 ELLIS (Benjamin). See PHILADELPHIA COLLEGE OF PHARMACY, Journal, 1829–33.
 ELLIS (John). See LINNÉ (C. v.), Selection of the correspondence of Linnæus, etc., 1821, Note.
 ELSNER (Fritz). Grundriss der pharmaceutischen Chemie. Zweite Auflage. Berlin, 1876 [p. 1875]. 6 + 324 p. + 1 tab.

Embalming.

- CORMACK (J. R.), Treatise on creosote, with considerations on the embalm[m]ent of the Egyptians, 1836.

ST. BARTHOLOMEW'S HOSPITAL, Pharmacopœia, 1773, [with appendix on embalming,] ms. *

Emborough. See Report of proceedings at inquest, 1865.

Emetin. ZINOFFSKY (O.), Die quantitative Bestimmung, 1872.

Emphysema.

- DOBELL (H.), On winter cough, emphysema, etc., 3rd ed., 1875.

- GREENHOW (E. H.), On chronic bronchitis, etc., 1869.

Ems. SPENGLER (L.), On the thermal waters of Ems, 1854.

Encyclopædia Britannica: dictionary of arts, sciences, and general literature. Ninth edition [by T. S. Baynes]. Edinburgh, 1875–9. Vol. 1–10, pl. *

Encyclopædia metropolitana: system of universal knowledge; on a plan by S. T. Coleridge. (See the undermentioned works.)

- BALFOUR (J. H.), Manual of botany, 2nd ed., 1851.

- HUNT (R.), Manual of photography, 3rd ed., 1853.

- PHILLIPS (J. A.), Manual of metallurgy, 1852.

Encyclopædias, etc. (See also above, Encyclopædia.)

BRANDE (W. T.) & G. W. COX, Dictionary of science, literature, & art, new ed., 186[6–]7. *

COOLEY (A. J.), Cyclopædia of practical receipts, [2nd ed.,] 1845; 3rd ed., 1856; 4th ed., 1864; 5th ed., 1872; 6th ed., 18[78–]80.

Encyclopædias—continued.

- JAMIESON (A.), Dictionary of mechanical science, arts, manufactures, and miscellaneous knowledge, 7th ed., 1833.
- LARDNER (D.), Cabinet cyclopædia, (*which see*).
- MAUNDER (S.), Treasury of knowledge, 14th ed., 1843.
- Popular encyclopedia, or Conversations lexicon, new ed., [1862?].*
- ENDLICHER (Stephan Ladislaus).
- Genera plantarum, secundum ordines naturales disposita; [cum suppl. 1]. Vindobonæ, 1836–40. 8 + 60 + 1484 p. *
- Mantissa botanica; sistens Generum plantarum supplementum secundum. Vindobonæ, 1842. 6 + 114 p. *
- Mantissa botanica altera; sistens Generum plantarum supplementum tertium. Vindobonæ, 1843. 6 + 112 p. *
- Endosmosis.** VOGEL (J.), On the laws, according to which the mixing of fluids and their penetration into permeable substances occur, 1848.
- Enfield.** TUFF (J.), Historical, topogr., and statist. notices, 1858.
- Engelskt och svenska handlexikon.** Stereotyp-upplaga. Stockholm, 1874. 2 + 670 p. *
- ENGESTRÖM (Gustaf v.). *See* CRONSTEDT (A. F.), Essay towards a system of mineralogy, translated, with annotations, and additional treatise on the blow-pipe, by G. v. E., 2nd ed., 1788.
- Engineering and Engineers.** (*See also Steam-engine.*)
- HENSMAN (H.), Civil engineering and machinery, 1852.
- INSTITUTION OF CIVIL ENGINEERS, [Minutes of proc., 1839–48]. — Charter, bye-laws and regulations, and list of members, 1879.
- SHELLEY (C. P. B.), Workshop appliances, tools used, 3 ed., 1876.
- England.** (*See also* headings beginning with English; and **Gt. BRITAIN AND IRELAND**.)
- ALLEN (B.), Natural history of chalybeat & purging waters, 1699.
- HEAD (G.), Home tour through manufacturing districts, 1836.
- LEWIS (S.), Topographical dictionary, 2nd ed., 1833.
- RAUMER (F. L. G. v.), England in 1835, translated, 1836.
- SALMON (W.), Botanologia, the English herbal, 1710.
- and Wales. [DAVIES (F.),] Unity of medicine, etc., 1858.
- ENGLER (Carl). *See* PAYEN (A.), Industrial chemistry, 1878.
- English botany.** *See* **England**; also **GREAT BRITAIN AND IRELAND**.
- English dispensatory.** *See* **Dispensatory, English**.
- English language.** (*For Eng. with foreign languages, see foreign.*)
- JOHNSON (S.), Dictionary, history, and grammar, 5th ed., 1784. *
- LATHAM (R. G.), Elementary Eng. grammar, 22nd thousand, 1870.
- MAUNDER (S.), Treasury of knowledge, [containing English grammar and dictionary,] 14th ed., 1843.
- MORELL (J. D.), Grammar, with analysis, new ed., [1865?]. — Series of graduated exercises, new ed., [1865?]

English language—continued.

- WEBSTER (N.), Dictionary, with introd. diss., revised ed., 1858.*
 WHATELY (E. J.), Selection of English synonyms, 6th ed., 1868.
Engraving. DAVENPORT (S. T.), Engraving, 2nd ed., 1877.
Entomologist's annual; edited by H. T. Stainton. London, 1855–7.
 Vol. 1–3, pl.

Entomology. (*See also Scales, Insects'.*)

- Entomologist's annual,** ed. by H. T. Stainton, 1855–7.
 MOORE (F.), Notes on silk-producing insects, 1862.
 MURRAY (A.), Economic entomology, aptera, [1877?].
 STAINTON (H. T.), Entomologist's companion, 2nd ed., 1854.
 — Insecta Britannica, lepidoptera, tineina, 1854.
 WESTWOOD (J. O.), Introd. to modern classification, 1839–40.
 — Butterflies of Great Britain, 1855.*
 WOOD (W.), Index entomologicus, or, Complete illustrated catalogue of about 2000 lepidopterous insects of Great Britain, new ed., 1852.*

Epicurean philosophy. LUCRETIUS CARUS (T.), Of the nature of things, tr. into English verse, by T. Creech, 1714.

Epidemics. (*See also individual diseases.*)

- FORSTER (T.), Facts & enquiries respecting epidemia, 3 ed., 1832.
 HIPPOCRATES, Upon air, water, and ... epidemical diseases, 1734.
 HUXHAM (J.), Observations on air and epidemic diseases, 1759.

Epilepsy. EPPS (J.), Epilepsy, a case of twenty years standing, 1834.
 EPPS (John).

Horæ phrenologicæ, being three phrenological essays: on morality; on the best means of obtaining happiness; on veneration. London, 1829. 2 + 118 p.

Epilepsy, a case of twenty years standing cured, with the treatment and remarks thereon. London, 1834. 20 p.

Equinox. HUMBOLDT (F. H. A. v.) & A. BONPLAND, Plantes équinoxiales, 1808–9.*

ERDMANN (Carl Gottlieb Heinrich) & C. H. HERTWIG. Thierärztliche Receptirkunde und Pharmakopöe nebst einer Sammlung bewährter Heilformeln. Dritte Auflage. Berlin, 1875. 18 + 234 p.

ERDMANN (Otto Linné). *See Journal für prakt. Chemie, 1858–9.*

Ergot.

BLUMBERG (T.), Ein Beitrag zur Kenntniss der Mutterkorn-Alkalioide, 1878.

CARRUTHERS (W.), On ergot, 1874.

DRAGENDORFF (G.), Über die Bestandtheile des Mutterkornes, 1877.

— & PODWISSOTZKY, Über die wirksamen und einige andere Bestandtheile des Mutterkornes, [1876].

LALLEMAND (C.), Étude sur l'ergot du diss, 1863.

Erlangen. *See* FRIEDRICH-ALEXANDERS-UNIVERSITÄT.

ERLENMEYER (Emil). *See* Annalen der Chemie und Pharm., 1871–9.

ERNESTI (Johann August). *See* CICERO (M. T.), Opera, 1810.

ERNST (Adolfo). *See* ERNST (G. A.).

ERNST (Gustavo Adolfo).

See BENÍTES (J. M.), Principios para la materia médica, 2a ed., con una noticia biográfica y un apéndice por A. E., 1869.

See POMPA (G.), Colección de medicamentos indígenas, 4a ed., 1868, with ms. notes by G. A. E., 1871.

Erythronium dens canis. DRAGENDORFF (G.), Einige Notizen über Theobromin, [Analyse der Zwiebeln von Erythronium, 1878].

ESMANN (E.). *See* Pharmaceutisk Tidende, 1861–3.

ESSLINGER (Me.). *See* BERZELIUS (J. J.), Traité de chimie, 1829–33; nouv. éd., 1840.

Ether.

DANA jun. (R. H.), History of the ether discovery, 1848.

PAYNE (M. H.), On ether, 1866.

Eucalyptus.

HOFFMANN (C.), Paper on the eucalypts of Australia, 1873.

RAVERET-WATTEL, L'eucalyptus, rapport sur son introduction, sa culture, ses propriétés, etc., 1872.

EUCLID. Introduction to the elements of E., part 1; being a familiar explanation of the first twelve propositions, by S. Hawtrey. Second edition. London, 1878. 20 + 156 p.

EULER (Leonhard). Letters to a German princess on subjects in physics and philosophy; translated from the French, by H. Hunter, with [elogium of E.], notes, and glossary. London, 1795. 2 vol., 20 pl.

Europe.

BONAPARTE (C. J. L. L.), Observations on the state of zoology in Europe, vertebrata, 1845.

LABÉLONYE (C.), De l'organisation de la pharmacie dans les principaux états de l'Europe, 1863.

PRIESTLEY (J.), Present state of Europe, compared with antient prophecies, 1794.

SILVA (P. J. DA), [Historia da pharmacia portugueza,] Ensino da pharmacia em ... nas principaes nações da Europa, 1866.

EVANS (John T.). Lectures on pulmonary phthisis, delivered in Jervis Street Hospital; pathology, diagnosis, and treatment of the disease. Dublin, 1844. 16 + 196 p.

EVANS (Morgan). Butter and cheese. (*In* BEVAN, G. P., British manufacturing industries, 2nd ed., 1878, Salt, etc., p. 136–56.)

Evaporation. CULLEN (W.), Essay on the cold produced by evaporating fluids, 1777.

EVELYN (John). *Silva, a discourse of forest-trees, and the propagation of timber, [fourth edition]; with Terra, a philosophical essay of earth, [third edition]; Pomona, an appendix concerning fruit-trees, in relation to cyder, [fourth edition]; Acetaria, a discourse of sallets, [second edition; and] Kalendarium hortense, the gard'ners almanack, [tenth edition].* London, 1706. 36 + 384 + 4 + 280 p. + por.

Note—*Terra, Pomona, Acetaria, and the Kalendarium have separate title-pages, but a continuous pagination, 4 + 280 p.*

Evening amusements, beauty of heavens displayed. FREND (W.), 1822.

EVERETT (J. D.).

Elementary text-book of physics. London, 1877. 16 + 314 + 4 p.

See also DESCHANEL (A. P.), Elementary treatise on natural philosophy, translated, 1871-2; 4th ed., 1877.

EVONYMUS, [*pseud.*]. *See GESNER (C.), Treasure of Evonymus, 1559.*

Exchange. KELLY (P.), Universal cambist, 2nd ed., 1835.

Exhibitions. *See names of places where held, also subjects of special exhibitions.*

Explosives. WILLIAMS (W. M.), Explosive compounds, 2nd ed., 1878.

Eye, Vision, etc.

HOCKEN (E. O.), Treatise on amaurosis, 1840.

— Exposition of the pathology of hysteria, elucidated by reference to hysterical amaurosis, 1842.

— Complete treatise on ophthalmic medicine, 1844, pt. 1.

HOGG (J.), Manual of ophthalmoscopic surgery, 3rd ed., 1863.

— Colour blindness, 1863.

— Cataract, its treatment, cause, and cure, 1869.

— Skin diseases, their connection with eye affections, 1873.

— Impairment, or loss of vision, from spinal concussion, etc., 1876.

— The cure of cataract and other eye affections, 1878.

— Inflammation of eye by arsenical wall-paper poisoning, 1879.

JONES (T. W.), The wisdom and beneficence of the Almighty as displayed in the sense of vision, 1851.

LEVY (W. H.), Blindness and the blind, science of typhlogy, 1872.

LITTELL (S.), Manual of the diseases of the eye, 1840.

NORTH LONDON OPHTHALMIC INSTITUTION, Introductory lecture, by W. W. Cooper, 1843.

Ophthalmic review, 1864-7.

STEVENSON (J.), On the morbid sensibility of the eye, 1811.

— Cataract, its nature, symptoms, and cure, 5th ed., 1839.

TURNBULL (A.), Treatment of diseases of the eye, 1843.

F. (J.), [John FRENCH?] *See GLAUBER (J. R.), Description of new philosophical furnaces, set forth in English by J. F., 1652.*

- FABER (William L.). *See REGNAULT (H. V.), Elem. of chemistry, 1852.*
- FABRE jeune (D.). Mémoire sur les altérations frauduleuses de la garance et de ses dérivés. Avignon, 1860. 48 p.
- Fabulæ Æsopiacæ. *See PHÆDRUS (A. L.), 1860.*
- FACULDADE DE MEDICINA DE RIO DE JANEIRO. *See FREIRE jun. (D. J.), Estudo analytico dos acidos organicos, these de concurso, 1874; —Prova escrita do concurso á cadeira de chimica organica, 1874.*
- FACULTÉ DE MÉDECINE DE PARIS.
 [Thèses présentées.] (*See the respective authors, as below.*)
- HOGG (W. D.), De l'usage thérapeutique de l'acide salicylique, 1877.
- VANDERCOLME (E.), Histoire botan. et thérapeut. des salsepareilles, 1870
- VÉE (A.), Recherches sur la fièvre du Calabar, 1865.
- See also FRANCE, Codex, 1758 ; 1818 ; 1819 ; 1839 ; 1866.*
- FAGGE (Charles Hilton). *See GUY'S HOSPITAL, Reports, 1868-73.*
- FAGUET (A.). *See BAILLON (H. E.), Dict. de botanique, 1876-9.*
- FAIRHOLT (Frederick William). Dictionary of terms in art, [illustrated. New edition?]. London, [1870 ?]. 6 + 474 p.
- FALCK (Ferd. Aug.). Übersicht der speciellen Drogenkunde. Kiel, 1877. 8 + 38 p.
- FALCONAR (Magnus). Synopsis of a course of lectures on anatomy and surgery. London, 1777. 8 + 250 p., few ms. notes.
- FALCONER (William).
 Essay on the Bath waters, containing introduction to the study of mineral waters in general. London, 1772. 2 vol.
- See also DOBSON (M.), Medical commentary on fixed air, 2nd ed., with appendix on the use of the solution of fixed alkaline salts saturated with fixible air, in the stone and gravel, 1785.*
- Famine. FORSTER (T.), Facts respecting epidemia, with hist. catalogue of visitations of famine, etc., 3rd ed., 1832.
- FARADAY (Michael).
 Chemical manipulaion. New edition. Lond., 1830. 12 + 646 p.
Same. Third edition. London, 1842. 14 + 664 p.
 Subject matter of a course of six lectures on the non-metallic elements; arranged from the lecturer's notes, [with additions,] by J. Scoffern. London, 1853. 8 + 294 p.
 Observations on mental education. (*In ROYAL INSTITUTION OF GREAT BRITAIN, Lectures on education, 1855, p. 37-88.*)
- Experimental researches in chemistry and physics. London, 1859. 8 + 496 p. + 3 pl.
 Faraday as a discoverer; by J. Tyndall. London, 1868. 8 + 172 p. + 2 por.
 Life and letters of Faraday; by [H.] B. Jones. London, 1870. 2 v., por., 2 pl.
 M. F. [biography]; by J. H. Gladstone. London, 1872. 8 + 176 p.

Faraday lecture. *See LIEBIG (J. v.), Life-work of Liebig, by A. W. Hofmann, 1876.*

Farmacopea en Castellano, ó Coleccion de las fórmulas de la Matritense y Española; con un breve catálogo de algunas composiciones magistrales del Memorial farmacéutico de Cadet de Gas[s]icourt y otros. Madrid, 1823. 8 + 404 p.

Farmacopea generale. BRUGNATELLI (L. V.), 1807; nuova ed., 1814.

Farmacopéa quirúrgica de Londres. *See Pharmacopœia chirurgica.*

Farming. *See Agriculture.*

FARRE (Frederic John). *See PEREIRA (J.), Manual of materia medica, abridgement by F. J. F., etc., 1865.*

FARRELL (M.). *See BERTHOLLET (C. L.), Researches into the laws of chemical affinity, translated by M. F., 1804.*

Farriery. *See Veterinary art.*

Fat. DOBELL (H.), Report on ... pancreatic emulsion of fat, 1867.

FAULKNER (Frank). *See PASTEUR (L.), Studies on fermentation, the diseases of beer, etc., 1879.*

FAYE (Hervé Auguste Étienne Albans). Sur la situation actuelle du Bureau des longitudes. [Paris, 1872.] 8 p., n. t.-p.

FAYK BEY (Colonel). *See SUDDA (G. DELLA).*

FAYRER (Sir Joseph). On the bael fruit and its medicinal properties and uses. London, 1877. 30 p.

Fecula. *See Starch.*

FÉE (Antoine Laurent Apollinaire). *See Journal de chimie médicale, etc., 1825–47.*

FEILING (C. A.). *See FLÜGEL (J. G.), Complete dictionary of the German and English languages, 1841.*

FELKIN (W.). Hosiery and lace. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Hosiery, etc., p. 1–89.*)

Femur. UNITED STATES OF AMERICA, SURGEON GENERAL'S OFFICE, Report on excisions of head of femur for gunshot injury, 1869.

Fenny Compton. BEESLEY (T.), Lias of Fenny Compton, 1877.

FENWICK (George E.). *See Canada medical journal, 1864–9.*

Fermentation. (*See also Antiseptics;—Bacteria.*)

HIGGINS (B.), Experiments and observations, 1786.

MACBRIDE (D.) Experimental essays on the fermentation of alimentary mixtures, etc, 1764.

PASTEUR (L.), Études sur la bière, avec une théorie nouvelle de la fermentation, 1876;—*Eng., Studies on fermentation, etc., 1879.*

Ferns. (*See also individual ferns under their names.*)

BAILDON (H. C.), Specimens of B.'s nature-printed ferns, 1869. *

COOKE (M. C.), Fern book for everybody, 1867.

LINNÉ (C. v.), Index alphabeticus filicum, 1821.

MOORE (T.), Handbook of British ferns, 2nd ed., 1853.

FERO (Adolph). Die augenblicklich im russischen Handel vorkommenden Rhabarbersorten, namentlich die Radix Rhei moscovitici verglichen mit anderen Sorten, bezüglich ihrer pharmacognostischen und chemischen Eigenschaften; [Dissertation]. Moskau, 1866. 36 p. + 2 pl. (Kaiserliche Universität zu Moskau.)

FERRALL (James Stephen) & T. REPP. Dansk-norsk-engelske Ord bog. Fjerde Udgave, ved A. Larsen. Kjøbenhavn, 1873. 4+556 p.

FERRAND (Eusèbe).

Aide-mémoire de pharmacie: vade-mecum du pharmacien. Paris, 1873 [p. 1872]. 12+688 p.

See also CALVERT (F. C.) & E. F., Mémoire sur la végétation, 1844.

FERREIRA (Antonio Alves). Hydrologie générale, ou Dissertation sur la nature, les qualités et les usages des eaux naturelles et artificielles, minérales et potables. Paris, 1867. 6+404 p. + 1 col. pl.

FERRIER (David).

See GUY (W. A.), Principles of forensic medicine, 4th ed., 1875.

Ferrum. *See* Iron.

Ferula. BORSZCZOW (E.), Die pharmaceutisch-wichtigen Ferulaceen der aralo-caspischen Wüste, 1860.

Fevers.

BALLARD (E.), On a localised outbreak of typhoid fever in Islington, traced to the use of impure milk, 1871.

BUTTER (W.), Treatise on infantile remittent fever, 1782.

CLUTTON (J.), [Short and certain method of curing all continued fevers, 3rd ed., 1748].

HUXHAM (J.), Essay on fevers, 4th ed., 1764.

LIND (J.), Essay on diseases in hot climates, with appendix concerning intermittent fevers, 6th ed., 1808.

PENROSE (F.), Dissertation on ... putrid fever, 2nd ed., 1768.

SEARLE (C.), Cholera, dysentery, and fever, 1847.

SKEETE (T.), Experiments and observations on quilled and red Peruvian bark, with remarks on fevers, etc., 1786.

UNITED STATES OF AMERICA, ARMY MEDICAL DEPARTMENT, [Pamphlets in connection with exhibit, International Exhibition, 1876, 11,] Typho-malarial fever, Is it a special type? by J. J. Woodward.

— SURGEON GENERAL'S OFFICE, Report on epidemic cholera and yellow fever in the army, [by J. J. Woodward,] 1868.

WALL (M.), Clinical observations on opium in low fevers, and in the synochus, with remarks on the epidemic at Oxford, 1786.

WEDDELL (H. A.), Sur l'avantage qu'il y aurait à remplacer la quinine par la cinchonidine dans le traitement des fièvres intermittentes, [1877].

Fibres. SIMMONDS (P. L.), Fibres and cordage, 2nd ed., 1877.

FIELD (Henry). *See Society of Apothecaries of London, Memoirs of the botanick garden at Chelsea, 1820; 1878;—Introductory address at the first evening meeting, 1835.*

Fiji. SEEMANN (B.), *Flora Vitiensis, plants of Fiji, 1865–73.* *

FILHOL (Edouard). *Studies on the connection existing between the atomic weights, crystalline form, and density of bodies. (In GRAHAM, T., Chemical reports and memoirs, 1848, p. 63–84.)*

Filix mas. KRUSE (*Provisor*), *Versuche einer vergleichenden Analyse der Rd. Filicis maris, [1876].*

FINLAND.

*Pharmacopœa Fennica. Editio secunda. Helsingforsiae, 1850.
16 + 176 p. 2 copies.*

Same. Editio tertia. Helsingforsiae, 1863. 14 + 160 p.

*Anvisning till igenkännande och pröfning af läkemedlen i finska farmacopeens andra upplaga. Helsingfors, 1851. 24 + 192 p.
2 copies.*

Fire.

ATTFIELD (J.), *Origin, extension, & prevention of fires, etc., [1872].*

CHEVALLIER (J. B. A.), *Mémoire sur les incendies et inflammations spontanés, [1841].*

HIGGINS (B.), *Experiments and observations on ... the matter of fire and light, 1786.*

HUTCHINSON (J.), *New experiments on building materials, 1843.*

SCHEELE (C. W.), *Chemical observations and experiments, 1780.*

SWEDENBORG (E. SWEDBERG, *Baron. v.*), *Some specimens of a work on chemistry, with treatises [on iron, fire, stoves, etc.], 1847.*

FISCHER (F. B.). *Synopsis astragalorum tragacantharum. Mosquæ, 1853. 174 p. + pl. 1–3; pl. 4–12 wanting.*

FISCHER (Gotthelf). *Zoognosia tabulis synopticis illustrata, in usum prælectionum Academiæ Imperialis Medico-chirurgicæ Mosquensis Editio tertia. Mosquæ, 1813. Vol. 1, pl. 1–6, 8.*

FISHER & A. F. HASELDEN. *Domestic medicines, their uses and doses, etc. Second edition. London, 1865. 64 p.*

Fishes and Fishing. (*See also various species of fishes.*)

DAVY (H.), *Collected works, 1839–40, v. 9, Salmonia, or Days of fly-fishing.*

LONDON AND WEST OF IRELAND FISHING AND FISH MANURE COMPANY, *Observations on the fisheries of the west coast of Ireland, operations of the Company, by T. E. Symonds, 6th ed., 1856.*

SOCIÉTÉ D'ACCLIMATATION, *Paris, Sur l'exposition internationale de produits et engins de pêche à Bergen, et sur la pisciculture en Norvège, rapport par J. L. Soubeiran, 1866.*

— *Rapport sur l'exposition des produits de pêche de La Haye en 1867, par J. L. Soubeiran, 1869.*

Fishes and Fishing—continued.

SOCIÉTÉ D'ACCLIMATATION, Paris—continued.

— Rapport sur les expositions internationales de pêche de Boulogne, Archachon et du Havre, par J. L. Soubeiran, 1871.

SOUBEIRAN (J. L.), Pisciculture dans les Neilgherries, 1870.

FITCH (Walter Hood).

See BENTHAM (G.), Handbook of the British flora, 1865.

See HOWARD (J. E.), Illustrations of Nueva quinologia, 1859–62.

Fixed air. *See* Carbonic acid.

Flame. *See* DAVY (H.), Collected works, 1839–40, v. 6.

Flatulence. LEARED (A.), On successful treatment by charcoal, 1865.

Flax.

CHARLEY (W. T.), Flax, 2nd ed., 1877.

MACADAM jun. (J.), Production of the flax plant, and modes of preparing fibre for manufacture, 1853.

FLEISCHER (Emil). System of volumetric analysis; translated, with additions, from the second German edition, by M. M. P. Muir. London, 1877. 20 + 276 p.

FLEMING (Alexander).

Inquiry into the physiological and medicinal properties of the aconitum napellus; [with] observations on several other species of aconitum. London, 1845. 14 + 160 p.

Classification of the *materia medica*; a review [of Pereira's Elements and Troussseau and Pidoux's *Traité*. Anon.] Dublin, 1850. 16 p.

On the classification of medicines, according to their action on the healthy body. Dublin, 1852. 34 p.

On the measles of the pig: and on the wholesomeness, as food for man, of measly pork. Dublin, 1857. 2 + 8 p.

See also London and Edinburgh monthly journal of medical science, 1848–9.

See also QUEEN'S COLLEGE, CORK, Introductory address on medical education, 1850.

See also QUEEN'S HOSPITAL, BIRMINGHAM, Introd. address, 1870.

FLETCHER (Robert). *See* Index medicus, 1879.

Flora. *See* Botany; also under the names of various places.

Flora, Toilet of. *See* Toilet of Flora, new ed., 1784.

Florence. *See* ASSOCIAZIONE CHIMICO-FARMACEUTICA FIORENTINA.

See also REALE SOCIETÀ TOSCANA DI ORTICULTURA.

FLÜCKIGER (Friedrich August).

Lehrbuch der Pharmakognosie des Pflanzenreiches: Naturgeschichte der wichtigeren Arzneistoffe vegetabilischen Ursprunges. Berlin, 1867. 28 + 748 p.

Über Stärke und Cellulose. Halle, [1871]. 28 p. + 1 pl.

FLÜCKIGER (Friedrich August)—*continued.*

- Die Frankfurter Liste; Beitrag zur mittelalterlichen Geschichte der Pharmacie bei Gelegenheit der Pharmacopœa germanica. Halle, 1873. 52 p.
- Grundlagen der pharmaceutischen Waarenkunde; Einleitung in das Studium der Pharmacognosie. Berlin, 1873. 2 + 8 + 140 p.
- Inventaire d'une pharmacie de Dijon en 1439. [Schaffhausen, 1873.] 12 p., *n. t.-p.*
- Über die Bukublätter; [mit Notiz über das Muscatstearopten. Schaffhausen, 1873.] 4 p. + 1 col. pl., *n. t.-p.*
- Zersetzung des weissen Präcipitats durch Jod. [Berlin, 1875.] 2 p., *n. t.-p.*
- Bemerkungen über Rhabarber und Rheum officinale. [München, 1876.] 18 p. + 1 pl., *n. t.-p.*
- Documente zur Geschichte der Pharmacie. Halle, 1876. 96 p.
- Osterferien in Ligurien. [München, 1876.] 58 p., *n. t.-p.*
- Eng. Easter holiday in Liguria: with an account of the garden of the Palazzo Orengo at Mortola; [translated from the German, with additions. N. p.,] 1877. 2 + 46 p.
- Über Carvol. [Berlin, 1876.] [8] p., *n. t.-p.*
- Über die Nachweisung freier Mineralsäuren durch Colchicin. [München, 1876.] 6 p., *n. t.-p.*
- Das Nördlinger Register; Beitrag zur Geschichte der deutschen Pharmacie im 15. Jahrhundert. [Halle, 1877.] 20 p., *n. t.-p.*
- Note sur la racine de violette de Vérone. [Strasbourg,] 1877. 4 p., *n. t.-p.*
- Notizen über das Saponin der Sarsaparilla. [Halle, 1877.] 18 p.
- Pharmaceutische Chemie. Berlin, 1879 [p. 1878]. 12 + 910 + 2 p.
- Pharmacognostische Umschau in der Pariser Ausstellung, und den Londoner Sammlungen: Pharmaceutical Society, India Museum, Botanischer Garten von Kew. [Halle, 1879.] 4 + 82 p.
- See also* BRUNFELS (O.), O. B., Fragment zur Geschichte der Botanik und Pharmacie, 1878.
- See also* HANBURY (D.), D. H., Nekrolog, 1875.
- See also* WEDDELL (H. A.), Übersicht der Cinchonen, 1871.
- See also* WYSS (T.), Über die Gewinnung des Perubalsams, 1878.
— & D. HANBURY.
- Pharmacographia: a history of the principal drugs of vegetable origin, met with in Great Britain and British India. London, 1874. 20 + 704 p. 3 copies.
- Same.* Second edition. London, 1879. 20 + 804 p. 2 copies.
- Fr. Histoire des drogues d'origine végétale; traduction augmentée par J. L. de Lanessan; avec préface par H. Baillon, et 320 figures par L. Hugon. Paris, 1878 [p. 1877]. 2 tomes.

FLÜGEL (Johann Gottfried). Complete dictionary of the German and English languages; adapted to the English student, by C. A. Feiling and A. Heimann. London, 1841. 2 vol. *

Fluid extracts by repercolation. See SQUIBB (E. R.), 1878; 1879.
Food, Drink, and Diet.

ARBUTHNOT (J.), Essay concerning the nature of aliments, 1731.

BLYTH (A. W.), Manual of practical chemistry, the analysis of foods and the detection of poisons, 1879.

BOURGOIN (E. A.), Hygiène publique, De l'alimentation dans une ville assiégée, et en particulier de la viande de cheval, 1870.

BURNESS (W.), Cattle cookery, system of feeding cattle, 1860.

CHEVALLIER (J. B. A.), Dictionnaire des altérations et falsifications des substances alimentaires, *etc.*, 3me éd., 1857–8.

DAVIDSON (W.), Treatise on diet, 1843.

GILLE (N.), Falsifications des substances alimentaires, 1853.

HASSALL (A. H.), Food and its adulterations, 1855.

— Adulterations detected in food and medicine, 2nd ed., 1861.

— Food, its adulterations, and methods for detection, 1876.

HÉTET (F.), La viande des animaux malades, 1871.

KENSINGTON (E. T.), Chemical composition of foods, *etc.*, 1877.

KÖNIG (J.), Chemie der menschlichen Nahrungs- und Genussmittel, 1879–80 [p. 1878–9].

LEMERY (L.), Treatise of foods, also of drinkables, 3rd ed., 1745.

LETHEBY (H.), On food, 2nd ed., 1872.

LIEBIG (J. v.), Researches on the chemistry of food, 1847.

— Familiar letters on chemistry, 3rd ed., 1851; 4th ed., 1859.

LIND (J.), Essay on diseases in hot climates, and a way to prevent a scarcity of provisions at sea, 6th ed., 1808.

LINDLEY (J.), Substances used as food, 1852.

MACBRIDE (D.), Experimental essays on the fermentation of alimentary mixtures, *etc.*, 1764.

MANLEY (J. J.), Salt, Preservation of food, *etc.*, 2nd ed., 1878.

Monthly gazette of health, [Popular ... dietetic journ.,] 1816–20.

PAVY (F. W.), Treatise on food and dietetics, 1874.

PEARSON (R.), Practical synopsis of materia alimentaria, 1808.

PEREIRA (J.), Treatise on food and diet, 1843.

SCOTT (W. L.), On the supply of animal food to Britain, 1868.

SOUBEIRAN (J. L.), Curiosités de l'alimentation, 1871.

— & A. A. DELONDRE, Produits végétaux du Portugal, 1867.

SQUIBB (E. R.), Proposed legislation in the United States, 1879.

THORNTON (R. J.), New family herbal, plants used in diet, 1810.

TRUMAN (M.), Food and its influence on health, *etc.*, 1842.

VOGL (A. E.), Nahrungs- und Genussmittel aus dem Pflanzenreiche, 1872.

FORBES (Henry). Rise, progress, and present state of the worsted, alpaca, and mohair manufactures of England. (*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of the Great Exhibition, 2nd ser., 1853, p. 301-29.*)

FORBES (Sir John). *See British and foreign medical review, 1842-8.*

Force. TAIT (P. G.), Lectures on recent advances in physical science, with special lecture on force, 2nd ed., 1876.

FORCELLINI (Egidio). *See SMITH (W.), Latin-Eng. dict., 8 ed., 1868.*

FORDYCE (George).

Elements of agriculture and vegetation. Second edition, [with] appendix for farmers. London, 1771. 4 + 100 + 10 p. + 3 pl.

Same. Fourth edition. London, 1789. 112 p. + 3 pl.

Lectures on physiology, *materia medica*, and practice of physic, [given between 1764 and 1802 ?]. 2 + 690 p. ms. + engr. por.*

Note.—This work was transcribed for William Allen, first president of the Pharmaceutical Society of Great Britain, by Jonathan Middleton, who was drowned in 1803. The portrait was published Nov., 1796.

Forensic medicine, etc. *See Jurisprudence.*

Forestry and Forests.

CLEGHORN (H. F. C.), Report upon the forests of the Punjab and western Himalaya, 1864.

EVELYN (J.), Silva, a discourse of forest-trees, [4th ed.,] 1706.

HEAD (G.), Forest scenes and incidents in the wilds of North America, 2nd ed., 1838.

JOHNS (C. A.), Forest trees of Britain, [1869 ?].

MADRAS PRESIDENCY, REVENUE DEPARTMENT, [Summary of observations on forests, and the operations of the Forest Department by H. F. C. Cleghorn, 1858].

UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE, Report upon forestry, by F. B. Hough, 1878.

Form in decorative arts. WYATT (M.D.), Attempt to define principles which should determine form in decorative arts, 1852.

Formulæ and Formularies. (*See also Dispensatories;—Pharmacopœias;—Prescribing and Prescriptions;—Receipts.*)

BEASLEY (H.), Pocket formulary, 2nd ed., 1842; 8th ed., 1866; 9th ed., 1872; 10th ed., 1877.

BOUCHARDAT (A.), Nouveau formulaire magistral, 2me éd., 1843; 17me éd., 1872.

DORVAULT (F. L. M.), L'Officine, conspectus des formulaires, 1844; 3me éd., 1850; 6me éd., 1866; 8me éd., 1872.

EDWARDS (H. M.) & P. VAVASSEUR, Nouveau formulaire pratique des hôpitaux, 4me éd., par [L.] Mialhe, 1841.

— Eng., Universal pharmacopœia, or Practical formulary of hospitals, 3rd ed., by M. Ryan, 1839.

Formulæ and Formularies—continued.

- FOY (F.), *Formulaire des médecins praticiens*, 4me éd., 1843.
- GRIFFITH (R. E.), *Universal formulary*, 3rd ed., 1874.
- GUY'S HOSPITAL, *London*, *Pharmacopœia*, 1837 ; 1868 ; 1879.
- JEANNEL (J.), *Formulaire ... international*, 1870; 2me éd., 1876.
- JOURDAN (A. J. L.), *Pharmacopée universelle, conspectus des formulaires*, 1828 ; 2e éd., 1840.
- *Eng.*, *Pharmacopœia universalis*, ed. by J. Rennie, 1831–3.
- KIRBY (J.), *Tables of mat. med.*, with formulæ, 1805.
- MAGENDIE (F.), *Formulary for new remedies, with introduction and notes* by C. T. Haden, 4th ed. by R. Dunglison, 1825.
- *Same*, by J. M. Gully, 1835 ; 2nd ed., 1836.
- *Same*, by C. W. Gregory, 1835. 2 issues.
- NELIGAN (J. M.), *Medicines, incl. formulæ*, 3 ed., 1851; 7 ed., 1867.
- NEW YORK, DEPT. OF PUBLIC CHARITIES, *Hospital formulary*, 1878.
- PARGETER (W.), *Formulæ medicamentorum selectæ*, 1795.
- PARRISH (E.), *Introd. to pharmacy*, with formulas, 2nd ed., 1859.
- *Treatise on pharmacy*, 3rd ed. [of Introd.], 1864; 4th ed., 1874.
- PEARSON (R.), *Thesaurus medicaminum, a selection of medical formulæ*, 4th ed., 1810.
- RATIER (F. S.), *Formulaire pratique des hôpitaux civils de Paris*, 1823.
- REDWOOD (T.), *Gray's supplement to the pharmacopœia*, 2nd ed., 1848 ; 3rd ed., 1857.
- FORSTER (Johann Georg Adam). *See* FORSTER (J. R. & J. G. A.).
- FORSTER (Johann Reinhold). *See* SCHEELE (C. W.), *Chemical observations on air and fire*, 1780.
- & J. G. A. FORSTER. *Characteres generum plantarum, quas in itinere ad insulas maris australis, collegerunt, descripserunt, delinearunt annis 1772–5*, J. R. F. et G. F. Londini, 1776. 2 + 12 + 8 + 152 p. + 78 pl.
- FORSTER (Thomas). *Facts and enquiries respecting the source of epidemia, with historical catalogue of visitations of plague, pestilence, and famine*; [also] *observations on quarantine and sanitary rules*. Third edition. London, 1832. 16 + 220 p.
- FORSYTH (J. S.). *Synopsis of modern medical jurisprudence, anatomically, physiologically, and forensically treated*. Lond., 1829. 24 + 600 p.
- FOSTER (George Carey). *See* WEINHOLD (A. F.), *Introduction to experimental physics*, tr. by B. Loewy, preface by G. C. F., 1875.
- FOSTER (Michael). *Text book of physiology*. Third edition. London, 1879. 12 + 720 p.
- FOSTER (Peter Le Neve). *Photography. (In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Paper, etc., p. 145–75.)*

FOTHERGILL (Samuel). *See Medical & physical journ., 1810[-18?].*

FOUQUÉ (F.). *See PONTA DELGADA, JUNTA GERAL, Les eaux thermales de San-Miguel, [Rapport par F. F., 1873].*

FOURCROY (Antoine François DE).

Elements of natural history and chemistry ; translated from the [French third] edition, with additions. London, 1790. V. 1-2.

Philosophy of chemistry ; translated from the French second edition [by W. Nicholson?]. London, 1800. 8 + 192 p.

Same. Chemical philosophy, translated from the French [third edition], by W. Desmond. London, 1807. 24 + 294 p.

Synoptic tables of chemistry : summary of lectures delivered in Paris ; translated from the French by W. Nicholson. London, 1801. 52 p. 2 copies.

General system of chemical knowledge, and its application to the phenomena of nature and art ; translated from the French by W. Nicholson. London, 1804. 11 vol. in 10. 2 copies.

See also Annales de chimie.

FOURNIER (Eugène). *See BAILLON (H. E.), Dict. de botan., 1876-9.*

FOURNIER (G.).

De la créosote du hêtre dans le traitement de la phthisie pulmonaire et des affections catarrhales des voies respiratoires. Paris, [1878 ?]. 2 + 10 p.

Du gelsemium sempervirens dans le traitement des névralgies. Paris, 1878. 16 p.

FOWLER (Robert). Medical vocabulary ; explanation of terms used in medicine and accessory sciences, [with] selection of Indian medical words. Second edition. London, 1875. 8 + 552 p.

FOWNES (George).

Chemistry, as exemplifying the wisdom and beneficence of God ; [Actonian prize essay]. London, 1844. 2 + 10 + 184 p.

Manual of elementary chemistry, theoretical and practical. London, 1844. 14 + 66 p. 2 copies.

Same. Fifth edition, [by H. B. Jones and A. W. Hofmann]. London, 1854. 26 + 694 p.

Same. Ninth edition, [by H. B. Jones and A. W. Hofmann]. London, 1863. 20 + 820 p. 2 copies.

Same. Eleventh edition, by H. Watts. London, 1873 [p. 1872]. 2 + 1026 p. + 1 pl. 2 copies.

Same. Twelfth edition, by H. Watts. London, 1877. 2 v., 1 pl. Chemical tables, for junior students. London, 1846. 2 + 16 p.

Introduction to qualitative analysis. London, 1846. 44 p.

Fox (Joseph) & T. BRADLEY. New medical dictionary, containing a concise explanation of terms in medicine, surgery, pharmacy, botany, natural history, and chymistry. London, 1803. [334] p.

FOY (F.). Formulaire des médecins praticiens, contenant les formules des hôpitaux; l'examen et l'interrogation des malades; un mémorial thérapeutique; les secours à donner aux empoisonnés et aux asphyxiés; la classification des médicaments; un tableau des substances incompatibles; [et] l'art de formuler. Quatrième édition. Paris, 1843. 166 + 396 p.

FRANCE. (*See also French language.*)

Account of the tenia or long tape worm, and of the method of treating it as practised at Morat, in Switzerland; being a translation [by S. F. Simmons] of *Traitemenr contre le ténia ou ver solitaire*, publié par ordre du roi, [par Lassone, Macquer, Gourley de la Motte, A. L. de Jussieu, J. B. Carburi, et Cadet]. London, 1777. 18 + 78 p.

Note.—The copper plates mentioned on the t.-p. are wanting.

—. ACADEMIE DES SCIENCES. *See* ACADEMIE DES SCIENCES.

—. Botany.

BULLIARD (P.), [Herbier de la France, 2e division,] Histoire des champignons, 1791–1812. *

CANDOLLE (Aug. P. DE), Botanicon Gallicum, ed. 2da, 1828–30.

JAUME ST. HILAIRE (J. H.), Plantes de la France, 1808–9.*

WOODS (J.), Tourist's flora, 1850.

—. BUREAU DES LONGITUDES. *See* FAYE (H. A. É. A.), Sur la situation actuelle du Bureau des longitudes, 1872.

—. Codex medicamentarius or Pharmacopœia.

Codex medicamentarius, seu Pharmacopœa Parisiensis, ex mandato Facultatis Medicinæ Parisiensis in lucem edita, decano, J. B. Boyer. Editio quinta. Parisiis, 1758. 24 + 132 + 320 p.

Codex medicamentarius, sive Pharmacopœa Gallica, jussu regis optimi et ex mandato summi rerum internarum regni administrorum, editus a Facultate medica Parisiensi anno 1818. Parisiis, 1818. 6 + 222 + 406 p.

Fr. Code des médicaments, ou Pharmacopée française, publié par ordre de sa majesté, l'an 1818; traduite du latin par Pavet et La Roche; revue et corrigée par Hallé, Leroux, Henry et Richard. Paris, 1819. 8 + 196 + 374 p.

Fr. Pharmacopée française, ou Code des médicaments; nouvelle traduction du Codex, par F. S. Ratier; augmentée de notes et additions, et suivi d'un tableau des eaux minérales de France, par O. Henry, fils. Paris, 1827. 8 + 556 p. + 1 tab.

Codex, Pharmacopée française, redigée par ordre du gouvernement par une commission composée de MM. les professeurs de la Faculté de médecine et de l'Ecole spéciale de pharmacie de Paris. Paris, 1839. 56 + 16 + 536 p.

FRANCE. Codex medicamentarius or Pharmacopœia—continued.

Codex medicamentarius, Pharmacopée française, redigée par ordre du gouvernement; la commission de rédaction étant composée de professeurs de la Faculté de médecine et de l'École supérieure de pharmacie de Paris, de membres de l'Académie impériale de médecine et de la Société de pharmacie de Paris. Paris, 1866. 48 + 784 p. 2 copies.

See also CAZENAVE (A.), Appendix thérapeutique du Codex, 1841.

See also HAGER (H.), Pharmacopœæ recentiores collatæ, 1869.

See also MOWBRAY (G. M.), Conspectus of pharmacopœias, 1846-7.

—. COMMISSION DE RÉDACTION DU CODEX. *See FRANCE, Codex.*

—. COMMISSION IMPÉRIALE POUR EXPOSITION UNIVERSELLE DE 1867.

Catalogue général. 2e édition. Paris, [1867]. [1770] p. + 1 col. pl.

—. Pharmacy. (*See also FRANCE, Codex.*)

DORVAULT (F. L. M.), De l'organisation de la pharmacie, 1851.

FUMOUZE, De la pharmacie [en France, etc.,] 1863.

FRANCIS (William).

See Annals and magazine of natural history, ser. 3-5.

See Chemical gazette, 1842-5; 1849-59.

See Philosophical magazine, 1851-79.

Frangulic acid.

KEUSSLER (E. v.), Zur Formel der Frangulinsäure, [1877].

— Untersuchung der Frangulinsäure nebst Vergleichung mit der Chrysophansäure der Rhabarbers, 1879.

Frankfort on Main or Frankfurt a. M.

See DEUTSCHES BRAUERBUND.

See FLÜCKIGER (F. A.), Die Frankfurter Liste, Beitrag zur mittelalterlichen Geschichte der Pharmacie, 1873.

FRANKLAND (Edward).

Lecture notes for chemical students: embracing mineral and organic chemistry. London, 1866. 20 + 422 p. + 6 pl.

Same. Second edition. London, 1870-2. 2 v. *Of v. 1, 2 copies.*

Vol. 1. Inorganic.—Vol. 2. Organic.

Experimental researches in pure, applied, and physical chemistry.

London, 1877. 44 + 1048 p. + 2 col. pl. + 2 pl.

FRANKLIN (Benjamin). Experiments and observations on electricity made at Philadelphia in America; to which are added, letters and papers on philosophical subjects. Fifth edition. London, 1774. 2 + 6 + 530 p. + 7 pl.

FRANZ (A.). Untersuchung des gebrannten Kaffees auf Cichorien.

(With LEVESIE, O., Beiträge zur Chemie des Kaffees, 1876, p. 5-9.)

FRASER (Thomas Richard). On the characters of the akazga plant, and the difference between the structure of its stem and that of strychnos nux vomica. Edinburgh, 1868. 2 + 8 p. + 1 pl.

FRASER (Thomas Richard)—*continued.*

Investigation into tetanic symptoms produced by atropia in cold-blooded animals, with a comparison of the action of atropia on cold-blooded animals and mammals. Edinburgh, 1869. [44] p.

Sketch of the present state of our knowledge respecting the action of mercury on the liver. Edinburgh, 1871. 24 p.

Experimental research on the antagonism between the actions of physostigma and atropia. Edinburgh, 1872. [188] p. + 3 pl.

See also BROWN (A. C.) & T. R. F., On the connection between chemical constitution and physiological action, 1868-9.

FRAZER (William). Elements of *materia medica*. Second edition.

London, 1864. 24 + 454 p. 2 copies.

Free trade. USHER (W. K.), Substitute for free trade, 1844.

FREIND (John).

History of physick, from the time of Galen to the beginning of the sixteenth century. Second edition. London, 1727. Pt. 2.

Same. Third edition. London, 1727. Pt. 1.

FREIRE jun. (Domingos José).

Estudo analytico e comparativo dos principaes acidos organicos ; these de concurso á cadeira de chimica organica da Faculdade de medicina do Rio de Janeiro. Rio de Jan., 1874. 4 + 132 p.

Prova escrita do concurso á cadeira de chimica organica da Faculdade de medicina do Rio de Janeiro ; [chloral e chloroformio]. Pariz, 1874. 28 p.

FRÉMY (Edmond). *See Journal de pharmacie et de chimie*, 1841-79.

FRENCH (John).

[Art of distillation : or, Treatise of spagyricall preparations, experiments, and curiosities, performed by way of distillation ; with description of furnaces and vessels, and the anatomy of gold and silver. London, 1651?] [?] + 216 p., wanting t.-p., preface, and p. 1-24 and 215-6.

Same. [Third edition, with calcination and sublimation added, also London distiller, shewing the way to draw spirits and strong waters. London, 1664.] [16] + 272 + 2 + 50 p.

Note.—The title-page, preface, and p. 1-4 of the Art of distillation, and p. 17-50 of the London distiller, are wanting. The London distiller has a separate title-page and pagination.

See also F. (J.).

French language.

BONIFACE (A. A.), Dictionnaire français-anglais et anglais-français, 10me éd., 1839.

BOUDOT (J.), Dictionarium Latino-Gallicum, 1810.

HAMEL (N.), New universal French grammar, 5th ed., 1808.

LALLEMANT (MM.), Dictionnaire universel, françois-latin, 12me éd., 1811.

French language—continued.

OTTO (E.), French conversation-grammar, 5th ed., 1874.

PEYTON (V. J.), Compendious dictionary of Fr. language, 1764.

SPIERS (A.), Dictionnaire anglais-français, 21me éd., 1869.

— Dictionnaire français-anglais, 21me éd., 1869.

FREND (William). Evening amusements; the beauty of the heavens displayed. London, 1822. 4 + 200 p. + 1 pl.

FRESENIUS (C. Remigius).

Instruction in [qualitative] chemical analysis; [tr. from the German, and] edited by J. L. Bullock. London, 1843. 12 + 284 p.

Same. Sixth edition, by J. L. Bullock. London, 1864. 14 + 356 p. + 1 pl.

Same. Seventh edition, by A. Vacher. London, 1869. 8 + 264 p.

Same. Eighth ed., by A. Vacher. Lond., 1872. 16 + 400 p. + 1 pl.

Same. Ninth ed., by A. Vacher. Lond., 1876. 16 + 400 p. + 1 pl.

Note.—The title of the first edition is Elementary instruction in chemical analysis; that of the sixth edition, System of instruction in qualitative chemical analysis; in the later editions, the title is Qualitative chemical analysis.

System of instruction in quantitative chemical analysis; [translated from the German]. Third edition, by J. L. Bullock. London, 1860. 12 + 688 p.

Same. Fourth edition, by J. L. Bullock and A. Vacher. London, 1865. 16 + 792 p.

Same. Fifth edition, by A. Vacher. London, 1870. 8 + 380 p.

Same. Sixth edition, by A. Vacher. London, 1873. 16 + 792 p.

Same. Seventh edition, by A. Vacher. London, 1876. Vol. 1.

Note.—The fifth and following editions are entitled Quantitative chemical analysis.

FREUND (Wilhelm ?). *See* SMITH (W.), Latin-Eng. dict., 8 ed., 1868.

FRICKER (Eugen). Über die Bestimmung des Morphingehaltes in den Opiumpräparaten; Inaugural-Dissertation. Dorpat, 1874. 4 + 58 p. + 1 tab. (Kaiserliche Universität Dorpat.)

FRIEDEL (Charles). *See* SOCIÉTÉ CHIM. DE PARIS, Bulletin, 1862, 1864.

FRIEDREICH. *See* Jahresbericht über die Fortsch. der Pharm., 1856.

FRIEDRICH-ALEXANDERS-UNIVERSITÄT ZU ERLANGEN. Die ostindische Rohwaarensammlung der F.-A.-U.; beschreiben und erläutert von T. W. C. Martius. Erlangen, 1853. 4 + 56 p.

FRISWELL (R. J.). *See* PHOTOGRAPHIC SOCIETY, Photog. journal, 1876.

FROMBERG (P. F. H.). *See* MULDER (G. J.), Liebig's question tested, 1846;—Chemistry of animal and vegetable physiology, 1849.

FRONSAC (Albert). Étude sur les térébenthines et spécialement sur la térébinthine de Bordeaux; thèse. Montpellier, 1877. 10 + 66 p. (École supérieure de pharmacie de Montpellier.)

Fruits.

- DRAGENDORFF (G.), *Chemische Beiträge zur Pomologie mit Berücksichtigung der livländischen Obstcultur*, 1878.
- GÄRTNER (J.), *De fructibus et seminibus plantarum*, 1788–1807.*
- FUCHS (Johann Nepomuk v.). *Gesammelte Schriften des [Minerologen und Chemikers] J. N. v. F.*; herausgegeben von dem Central-Verwaltungs-Ausschusse des polytechnischen Vereins für das Königreich Bayern; redigirt und mit einem Nekrolog versehen, von C. G. Kaiser. München, 1856. 30 + 298 p. + por. + 1 pl. 3 copies.

FUCHS (Leonhard). *See HIPPOCRATES, Aphorismes*, 1655.

Fuel.

- BERTHIER (P.), *Traité des essais par la voie sèche, ou des propriétés, de la composition, et de l'essai ... des combustibles*, 1834.
- HIGGINS (B.), *Experiments and observations*, 1786.
- KNAPP (F. C.), *Chemical technology*, 2nd ed., 1855, v. 1, pts. 1–2.
- PERCY (J.), *Metallurgy*, revised ed., 1875.
- FUENTE (Enrique de la). *See VIEYRA (A.)*, *Grammar of the Portuguese language*, 14th ed., 1878.

FULLER (Thomas).

- Pharmacopœia extemporanea; sive Prescriptorum sylloge. Editio tertia.* Londini, 1705. 24 + 300 p.
- Same; sive Prescriptorum chilias. Editio quinta.* Londini, 1714. 36 + 392 p.
- Same. Ars prescribendi; sive Pharmacopœia extemporanea reformata. Editio sexta.* Londini, 1731. 14 + 32 + 342 + 42 p.
- Eng. Pharmacopœia extemporanea; or, Body of medicines, containing select prescripts, answering most intentions of cure. Second edition.* London, 1714. 18 + 14 + 544 p.
- Same. Third edition.* London, 1719. 18 + 14 + 568 p.
- Same. Fifth edition.* London, 1740. 18 + 14 + 496 p. + por.
- Pharmacopœia domestica: or, Family dispensatory, for physicians in the country.* London, 1739. 24 + 240 p. + por.
- See also BATE (G.)*, *Pharmacopœia Bateana*, ed. *tertia*, cum appendice, 1700.

FUMOUZE. *De la pharmacie [en France, etc.,]*. Paris, 1863. 168 p.

Fundamenta medicinæ, scriptoribus, tam inter antiquos quam recentiores, præstantioribus deprompta; cui subnectitur appendix, præscribendi methodum in quibusdam morbis exhibens. Londini, 1714. 16 + 280 p.

Note.—By J. Grønevelt [Grønefeld or Greenfield ?], after the dictation of F. Zypæus.—British Museum Catalogue.

Fungi. BULLIARD (P.), [Herbier de la France, 2e division,] *Histoire des champignons*, 1791–1812.*

Fungi—continued.

- COOKE (M. C.), *Index fungorum Britannicorum*, 1864.
 — Rust, smut, mildew, and mould, ... microscopic fungi, 1865.
 — *Handbook of British fungi*, 1871.
 — *Fungi, their nature, etc.*, ed. by M. J. Berkeley, 2nd ed., 1875.
 — *Mycographia, seu Icones fungorum, [coloured] figures*, 1875–9.*
 DRAGENDORFF (G.), *Chemische Untersuchung über einen an der Betula alba und verwandten Arten vorkommenden Pilz*, 1864.
 HOGG (J.), *Mycetoma, the fungus-foot disease of India*, 1872.
 MOUSNIER (J.), *Les champignons dans le département de la Charante-inférieure*, 1873.
 ROQUES (J.), *Histoire des champignons*, 2me éd., atlas, 1841. *
 ROSTAFINSKI (J. T. v.), *Contributions to mycologia Britannica, myxomycetes of Great Britain*, transl. by M. C. Cooke, 1877.
 SAUNDERS (W. W.), W. G. SMITH & A. W. BENNETT, *Mycological illustrations, [col.] figures of hymenomycetous fungi*, 1871–2. *
 SOWERBY (Ja.), [Coloured figures of English fungi, 1809]. *
 FUNKE (Ottó). *Atlas of physiological chemistry; supplement to Lehmann's Physiological chemistry*. London, 1853. 2 + 12 + 30 p. + 15 pl. (Cavendish Society.) 2 copies, one wanting text. *
 FUNKE (P. W.) *See NEES VON ESENBECK (T. F. L.)*, *Plantæ medicinales, mit Beschreibungen von P. W. F.*, 1828–9.

Furnaces, Philosophical.

- GLAUBER (J. R.), *Works, containing secrets in medicine, etc.*, 1689.
 — *Description of new philosophical furnaces*, 1651.
 Furniture. POLLÉN (J. H.), *Furniture and woodwork*, 2nd ed., 1877.
 FURNIVALL (J. J.). *On the successful treatment and prevention of consumption and scrofula; female disorders connected therewith; strumous glandular swellings, etc.* Second edition. London, 1844. 2 + 24 + 316 p.
 FUTVOYE (George). *See CELSUS (A. C.)*, *First four books, corrected by G. F.*, 2nd ed., 1837;—*Of medicine, revised*, 3rd ed., 1837.

G. (F.). *Essay on a non-descript, or newly-invented disease; with observations on animal magnetism*. London, 1790. 12 + 42 p.

GAABE (Julius). *Untersuchungen über einige Derivate des Pikrotoxins*; [Diss.]. Dorpat, 1872. 6 + 32 p. (Kais. Univ. Dorp.)

GAERTNER. *See GÄRTNER.*

GAIRDNER (John).

Sketch of the early history of the medical profession in Edinburgh. Edinburgh, 1864. 28 p.

See also ROYAL COLLEGE OF SURGEONS OF EDIN., *Hist. sketch*, 1860.

GAIRDNER (W. T.). *See London and Edinburgh monthly journal of medical science*, 1848–9.

Galbanum.

BORSZCZOW (E.), Die pharmaceutisch-wichtigen Ferulaceen der aralo-caspischen Wüste, *etc.*, 1860.

HIRSCHSOHN (E.), Vergleichende Untersuchungen der wichtigeren Sorten des Galbanum- und Ammoniakguminis, 1875.

— *Fr.*, Étude comparative du galbanum, *etc.*, 1876.

GALEN (Claudius).

[*Opera ex nona Juntarum editione.*] Venetiis, 1625. Pts. 3—4, 7—9.

3. Prima classis naturam corporis humani, *etc.*—4. Secunda classis materiam sanitatis, *etc.*—7. Quinta classis eam medicinæ partem, *etc.*—8. Sexta classis de cucurbitulis, *etc.*—9. Septima classis curativam methodum, *etc.*

See also HIPPOCRATES, Aphorisms, 1655.

See also HIPPOCRATES & C. G., Opera, 1638—89.

See also ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia, tr., with Key to G.'s physick, by N. Culpeper, 1653, '61, '79.

Galen-pale, or Chymical trial of Galenists. THOMSON (G.), 1665.

Gall. *See Bile.*

GALLETTLY (Alex.). Coal. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1878, Metallic mining, etc., p. 51—96.*)

GALLOWAY (Robert).

Manual of qualitative analysis. London, 1850. 12 + 120 p.

Same. Fourth edition. London, 1864. 16 + 332 p.

Same. Fifth edition. London, 1870. 22 + 444 p. + 1 pl.

First step in chemistry: new method of teaching the elements of the science. Third edition. London, 1860. 16 + 298 p.

Same. Fourth edition. London, 1868. 24 + 478 p.

Second step in chemistry: student's guide to the higher branches of the science. London, 1864. 18 + 774 p.

Galvanism. *See Electricity.*

Gamboge. HANBURY (D.), On the species of garcinia which affords gamboge in Siam, 1864.

GAMGEE (Arthur). *See HERMANN (L.), Elem. of physiology, 1878.*

GAMGEE (John). *See MACADAM (S.) & J. G., On the chemical composition, use, and action of sheep-dipping mixtures, 1859.*

Gand. *See Ghent.*

GANNAL (J. N.) Two memoirs on the successful inhalation of diluted chlorine in pulmonary consumption, *etc.*; translated from the French by W. H. Potter. London, 1830. 94 p.

GANOT (Adolphe).

Elementary treatise on physics, experimental and applied; translated and edited from *Éléments de physique*, by E. Atkinson.

Second edition. London, 1866. 8 + 800 p. + 1 col. pl.

Same. Fifth edition. London, 1872. 12 + 828 p. + 1 col. pl.

Same. Eighth edition. London, 1877. 14 + 924 p. + 4 col. pl.

GANOT (Adolphe)—*continued.*

Natural philosophy for general readers and young persons ; translated and edited from *Cours élémentaire de physique*, by E. Atkinson. London, 1872. 10 + 522 p. + 1 col. pl.

Same. Third edition. London, 1878. 14 + 576 p. + 2 col. pl.

Garcinia morella. HANBURY (D.), On the species of *garcinia* which affords gamboge in Siam, 1864.

GARDEN (Alexander). *See LINNÉ (C. v.)*, Selection of the correspondence of Linnæus, etc., 1821, *Note*.

Gardening. *See Horticulture.*

Gardens.

See BANGALORE PUBLIC GARDEN, Catalogue of plants, 1861.

See Cambridge Botanic Garden.

See Chelsea Botanic Garden.

See FLÜCKIGER (F. A.), Easter holiday in Liguria, with account of the garden of the Palazzo Orengo at Mortola, 1877.

See Kew Royal Gardens.

See MADRAS PRESIDENCY, REVENUE DEPARTMENT, Report on the Government Botanical and Horticultural Gardens, Ootacamund, [Utakamand,] 1859–60.

See ROYAL BOTANIC GARDEN OF EDINBURGH, Report, 1878.

GARDINER (William). Twenty lessons on British mosses ; with [dried] specimens. Dundee, 1846. 48 p.

GARDNER (John). *See BEASLEY (H.)*, Pocket formulary, 10th ed., 1877 ;—Druggist's general receipt book, 8th ed., 1878.

GARDNER (John), M.D. *See LIEBIG (J. v.)*, Familiar letters on chemistry, 2nd ser., 1844.

GARELLI (Giovanni). Valdieri e le sue acque. Torino, 1855. 6 + 232 p.

GARNETT (Thomas). Outlines of a course of lectures on chemistry. Liverpool, 1797. 4 + 176 p.

GARRIGOU (F.). Étude chimique sur la source sulfurée sodique forte et iodo-bromurée de Challes. Chambéry, 1875. 2 + 44 p.

GARROD (Alfred Baring).

Essentials of *materia medica*, therapeutics, and the pharmacopœias. London, 1855. 8 + 282 p.

Same. Second edition. London, 1864. 32 + 392 p. 2 copies.

Same. Third edition. London, 1868. 32 + 480 p.

Same. Third ed. ; seventh impression. Lond., 1873. 32 + 480 p.

Same. Fourth edition, revised, under the supervision of the author, by E. B. Baxter. London, 1874. 32 + 520 p.

Same. Sixth edition, by E. D. Baxter. Lond., 1877. 32 + 518 p.

See also BALLARD (E.) & A. B. G., Elem. of mat. med., etc., 1845.

See also THOMSON (A. T.), London dispensatory, 11th ed., 1852.

GARTH (*Sir* Samuel). The dispensary; a poem in six canto's. Ninth edition. London, 1726. 24 + 84 p.

Note.—The references to persons are explained in ms.

GÄRTNER (Carl Friedrich). Supplementum carpologiæ. (*In*

GÄRTNER, J., De fructibus... plantarum, 1805–7, v. 3, pl. 181–225.)

GÄRTNER (Joseph). De fructibus et seminibus plantarum. Stutgardiaæ, 1788; Tubingæ, 1791; Lipsi[æ], 1805–7. 3 v., 225 pl. *

Note.—Vol. 3 is entitled “Caroli Friderici Gærtner Supplementum carpologiæ seu continuati operis J. G. De fructibus,” etc.

Gas, Coal.

PATTERSON (R. H.), Gas and lighting, 2nd ed., 1877.

REID (J.), Description of a revolving washer for removing certain impurities from gas and air, etc., 1867.

Gases. (*See also* Gas, Coal.)

BUNSEN (R. W.), Gasometry, 1857.

GRAHAM (T.), On the motion of gases, 1846.

MACQUER (P. J.), Dictionary of chemistry, 2nd ed., [with] Treatise on permanently elastic fluids, 1777–9.

GATAKER (Thomas). Observations on the internal use of the solanum or nightshade. London, 1757. 2 + 34 p.

Gaul. CÆSAR (C. J.), Commentarii [de bello Gallico], 1578; 1840.

GAY-LUSSAC (Louis Joseph). *See* Annales de chimie et de physique, 2–3me sér.

GAYON (U.). *See* Annales de chimie et de phys., 4 sér., table, 1874.

Gazette of health. *See* Monthly gazette of health, 1816–20.

Gazetteers. *See* Geography.

GEBER. *See* JÁBIR IBN HAYYÁN (Abú Músá).

GEDNER (Christopher). Of the use of curiosity. (*In* STILLINGFLEET, B., Miscellaneous tracts, 2nd ed., 1762, p. 159–200.)

GEHLEN (Adolph Ferdinand). *See* Repertorium für die Pharmacie, 1815.

GEISELER (T.), C. HERZOG & A. WILMS. Betrachtungen über den Zustand der deutschen Pharmacie; eine Gratulationsschrift zur Jubelfeier dem Dr. L. F. Bley. Hannover, 1867. 54 p.

Gelehrte Anzeigen. *See* KÖNIGLICHE BAYERISCHE AKADEMIE DER WISSENSCHAFTEN.

Gelsemium sempervirens.

DOWSE (T. S.), Abbreviated notes on the physiological and therapeutic action of gelsemium sempervirens, 1879.

FOURNIER (G.), Du gelsemium sempervirens dans le traitement des névralgies, 1878.

Gems and Precious stones.

BLEASDALE (J. J.), On gems and precious stones in Victoria, 1867.

TENNANT (J.), Gems and precious stones, 1853.

GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION OF THE
UNITED KINGDOM, *London*.

- Minutes of meeting. London, [1875, '79]. Nos. 173-82, 234-5.
- Medical register. London, [1863, '67, '69-71, '73-9]. 12 vol.
- List of entries in local registers, Jan.-June, 1875. [Lond.] 14 p.
- Dentists register. London, [1879]. 4+188 p.
- British pharmacopœia. [First ed.] London, 1864. 24+444 p.
- Same*. [First—pocket—edition.] London, 1864. 26+476 p.
- Same*. [Second edition.] London, 1867. 24+434 p. 3 copies.
- Same*. [Second edition,] third reprint, with additions made in 1874. London, 1877. 28+458 p. 2 copies.
- Additions to the British pharmacopœia of 1867. London, 1874. 24 p. 5 copies.

See also—

- BEASLEY (H.), Pocket formulary and synopsis of British and foreign pharm., 8th ed., 1866 ; 9th ed., 1872 ; 10th ed., 1877.
- CHURCH (H. J.), Chemical processes of British pharm., 1864.
- Dispenser's chart, abstract from British pharm., [187-].
- HAGER (H.), Pharmacopœæ recentiores ... collatæ, 1869.
- HASELDEN (A. F.), Notes on British pharm., 1864.
- OWEN (O. D.), Conspectus, 1868 ; 2nd ed., 1868.
- SMITH (W. G.), Commentary on the British pharm., 1875.
- SQUIRE (P.), Companion to British pharm., 1864 ; 2nd ed., 1864 ; 3rd ed., 1866 ; 5th ed., 1867-8 ; 7th ed., 1869 ; 8th ed., 1871 ; 9th ed., 1873 ; 11th ed., 1877 ; 12th ed., 1880.
- THOMSON (A. T.), Conspectus, new ed., 1874.

Note.—See also various English works on Chemistry, *Materia medica*, and *Pharmacy*, published between 1864 and 1880, based upon the British pharmacopœia.

GENERAL DISPENSARY, *London*. Medical memoirs of the G. D., for part of 1773-4 ; by J. C. Lettsom. London, 1774. 32+376 p.

Geneva. *See CONGRÈS MÉDICAL* ;—*SOCIÉTÉ DE MÉDECINS*.

Gentian. VILLE (J.), Recherches pour servir à l'histoire de la racine de gentiane, présence d'un tannin, 1877.

GEOFFROY (Étienne François). New treatise on British and foreign vegetables used in physick; an improvement upon the *materia medica* of Steph. F. G. London, 1751. 2+12+468 p.

Geography. (*See also Maps.*)

BLACKIE (W. G.), Imperial gazetteer, general dict. of geog., 1860.

Edinburgh philosophical journal, 1819-26 (*see*).

MAUNDER (S.), Treasury of knowledge, [containing universal gazetteer,] 14th ed., 1843.

SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829-38, v. 3 (*see*).

Geography, Botanical. (*For Floras, see names of places, or Botany.*)

CANDOLLE (Alph. L. P. P. DE), *Géographie botanique*, 1855.

GRISEBACH (A. H. R.), Report on botanical geog. during 1842–3.

Geography, Physical. *See Physical geography.*

Geology. (*See also Lias.*)

Annals and magazine of natural history, 1851–79.

ANSTED (D. T.), *Elementary course of geology*, 2nd ed., 1856.

BEESLEY (T.), *Botany and geology of the neighbourhood of Banbury*, 1841.

— *Sketch of the geology of the neighbourhood of Banbury*, 1872; [2nd ed. ?], 1873.

— *On the geology of the eastern portion of the Banbury and Cheltenham Direct Railway*, 1877.

BISCHOF (G.), *Elements of chemical and physical geology*, 1854–9.

BUCKLAND (W.), *Geology and ... natural theology*, 1836.

Jahresbericht über die Fortschritte der reinen ... Chemie, Physik, Mineralogie und Geologie [für] 1851[–6].

— *Eng.*, Annual report of the progress of chemistry, physics, mineralogy, and geology, etc., [for 1847–50].

JOHNSTON (J. F. W.), *Elem. of agricultural ... geol.*, 9th ed., 1871.

Journal of science, and annals of ... geology, 1879.

LYELL (C.), *Principles of geology*, 11th ed., 1872.

PAGE (D.), *Introductory text-book of geology*, 9th ed., 1871.

— *Advanced text-book of geology*, 5th ed., 1872.

Philosophical magazine and journal ... of ... geology, 1814–7.

SCHÖDLER (F.), *Book of nature*, by H. Medlock, 1851.

SYKES (W. H.), *On the geology of a portion of Dukhun*, 1836.

Geometry.

EUCLID, *Introd. to elements*, pt. 1, by S. Hawtrey, 2nd ed., 1878.

LARKIN (N. J.), *Introduction to solid geometry*, 1820.

WATSON (H. W.), *Elements of plane and solid geometry*, 1871.

GEORGE (Henry). *Practical observations on cholera*. London, 1834.

2 + 46 p.

Georgetown, British Guiana. *See ROYAL AGRICULTURAL AND COMMERCIAL SOCIETY.*

Georgica. VERGILIUS MARO (P.), *Bucolica, Georgica, etc.*, 1876.

GERARD (Charles). *See CELSUS (A. C.)*, First four books, 2 ed., 1837.

GERARD (John).

[*Herball; or, Generall historie of plantes*; enlarged and amended by T. Johnson. London, 1633.] 38 + 1678 p., t.-p. w.*

Catalogue of plants cultivated in the garden of J. G., 1596–9; edited, with notes, references to G.'s Herball, the addition of modern names, and a life of the author, by B. D. Jackson. London, [privately printed,] 1876. 2 + 22 + 66 p.

GERARDUS *Carmonensis*, [properly GERARDUS *Cremonensis*, the elder].

See HUSAIN IBN ÂBD ALLAH, *Avicennæ liber canonis, etc.*, 1555.

GERHARDT (Charles Frédéric).

Traité de chimie organique. Paris, 1860–2. 4 tomes.

See also *Journal de pharmacie et de chimie*, 1846–8.

GERMAIN DE SAINT-PIERRE (Ernest). Nouveau dictionnaire de botanique. Paris, 1870. 16 + 1388 p.

German language.

BERNAYS (Ad.), Familiar German exercises and key, new ed., 1833.

FLÜGEL (J. G.), Complete dictionary of Ger. and Eng. lang., 1841.*

OTTO (E.), German conversation-grammar, 14th ed., 1874.

GERMANY. Botany. *See* WOODS (J.), *Tourist's flora*, 1850.

—. Language. *See* German language.

—. Pharmacopœia.

Appendix *Pharmacopœæ Germaniæ editionis primæ*. Magdeburgi, [1867]. 24 p.

Pharmacopœa Germaniæ. Editio altera. Magdeburgi, [1867]. 12 + 390 p.

Pharmacopœa Germanica. Berolini, 1872. 12 + 442 p. 2 copies.

Note.—One copy contains a suppl. of 4 pages of corrections, dated 1873.

Ger. Commentar zur Pharmacopœa Germanica, mit verdeutschtem Texte; bearbeitet von L. A. Buchner. München, 1872–9. Bd. 1; Bd. 2, Lief. 1–14.

Ger. Commentar zur Pharmacopœa Germanica, nebst Übersetzung des Textes; bearbeitet von [C.] F. Mohr. Braunschweig, 1874. 18 + 934 p.

See also HAGER (H.), *Pharmacopœæ recentiores ... collatæ*, 1869.

See also WIGAND (A.), *Lehrbuch d. Pharmakognosie*, 3 Aufl., 1879.

—. Pharmacy. (*See also above, Pharmacopœia*).

FLÜCKIGER (F. A.), *Die Frankfurter Liste*, 1873.

— *Documente zur Geschichte der Pharmacie*, 1876.

— *Das Nördlinger Register*, [1877].

GEISELER (T.), C. HERZOG & A. WILMS, *Betrachtungen über den Zustand der deutschen Pharmacie*, 1867.

Germs, Disease.

BEALE (L. S.), *Disease germs*, 2nd ed., 1872.

MORRIS (J.), *Germinal matter and the contact theory*, 2 ed., 1867.

GESNER (Abraham). *Practical treatise on coal, petroleum, and other distilled oils.* New York, 1861. 2 + 134 p.

GESNER (Conrad), or GESNERUS. *Treasure of Evonymus*, [*pseud.* of C. G.,] conteyning wonderfull hid secretees of nature, touching the most apte formes to prepare and destyl medicines; whereunto are joyned the formes of sondry apt fornaces and vessels; translated out of Latin, by P. Morwyng. London, [1559]. 20 + 408 p.

GESNER (Conrad), or GESNERUS—*continued.*

[Newe jewell of health, wherein is contayned secretees of phisicke and philosophie; remedies for diseases; treating amplye of distyllations, the extraction of artificial saltes, the use and preparation of antimonie, and potable gold; faithfully corrected and published in Englishe, by G. Baker. London, 1576.]

Note.—Wants t.-p., prefatory matter and ff. 3, 252–3, 258 (end).

Ghent. *See* SOCIÉTÉ DE MÉDECINE DE GAND.

GIBERT (Ernest). *Enumeratio plantarum sponte nascentium agro Montevidensi cum synonymis selectis.* Montevideo, 1873. 146 p.

GIBSONE (Rev. B. W.). *Chemical addenda: brief exposition of the salient features of modern chemistry.* London, 1866. 24 p..

Giessen laboratory.

HOFMANN (J. P.), *Acht Tafeln des chemisch. Laboratoriums,* 1842.

WILL (H.), *Outlines of qualitative analysis in Giessen lab.,* 1846.

GILL (C. Haughton). *Sugar refining.* (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1878, Salt, etc., p. 104–35.*)

GILLE (Norbert).

Falsifications des substances alimentaires ; suivi[es] d'un tableau indiquant les empoisonnements et les secours à donner aux personnes empoisonnées. Bruxelles, 1853. 2 + 104 p.

See also SOCIÉTÉ ROYALE DE PHARMACIE DE BRUXELLES, *Falsifications, rapport fait par Hauchamps et Piers, 1853.*

See also CONGRÈS MÉDICAL, *Pharmacopée universelle, etc., 1879.*

Ginger. PATROUILlard (Ch.), *Sur le gingembre blanc,* 1875.

GIRGENSOHN (Leonhard). *Beiträge zur Albuminometrie und zur Kenntniss der Tanninverbindungen der Albuminate;* Dissertation. Dorpat, 1872. 56 p. + 3 tab. (Kais. Universität Dorpat.)

GLADSTONE (John Hall). *See* FARADAY (M.), M. F., [biog.], 1873.

GLAISHER (James). *Philosophical instruments and processes.* (*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of the Great Exhibition, 1st ser., 1852, p. 321–402.*)

Glands. RUSSEL (R.), *Dissertation on use of sea water, etc., 1752.*

Glasgow. *See* PHILOSOPHICAL SOCIETY OF GLASGOW.

GLASGOW UNIVERSITY. *See* UNIVERSITY OF GLASGOW.

Glass.

BARFF (F. S.), *Glass and silicates, 2nd ed., 1877.*

BEVAN (G. P.), *Industrial classes and statistics, 1876.*

SHAW (G.), *Manufacture of glass, 1853.*

GLASSFORD (Charles F. O.). *Town excreta, its utilization : London sewage ; plan for the collection and treatment of faecal matter of towns, [and] for purifying sewers and rivers ; with especial reference to the metropolis, the river Thames, and the Board of Works' main drainage scheme.* London, 1858. 32 p.

GLAUBER (Johann Rudolph).

Works: containing secrets in medicine and alchymy, in the working of metallick mines, the separation of metals, etc.; translated [from the German and Latin, etc.] by C. Packe. London, 1689. 10 + 444 + 4 + 220 + 104 p. + 10 pl.

Note.—In three parts; pt. 2 has a separate title-page, pt. 3 has not.

Description of new philosophical furnaces: new art of distilling, in five parts; [with] description of the tincture of gold, or the true aurum potabile, also the first part of the mineral work; set forth in English by J. F[rench ?]. London, 1651[-2]. 16 + 464 p.

Note.—In seven parts, each of which has a separate t.-p., dated 1652.

Glow-worm. MURRAY (J.), Experimental researches, 1826.

Glucose. CHEVALLIER (J. B. A.), Sur la falsification du sucre de canne par la glucose, 1843.

GMELIN (Leopold).

Handbuch der theoretischen Chemie. Dritte Auflage. Frankfurt a. M., 1829[-30?]. Bd. 1, Abth. 2; Bd. 2, Abth. 1-2.

Same. Vierte Auflage. Heidelberg, 1846-65. Portions of Bd. 4-8; Suppl., Lief. 1-2.

Note.—After Bd. 5 of this ed., the work has an additional t.-p. commencing "Fortsetzung," and was edited, or contributed to, by K. List, J. v. Liebig, K. Kraut, [L.] Carius, [W.] Hallwachs, [H.] Ritter, [K.] Schwanert, C. G. Lehmann, [F.] Rochleder and A. Husemann.

Eng. Handbook of chemistry, translated [with index] by H. Watts [and others]. London, 1848-72. 19 vol., 5 pl. (Cavendish Society.) 2 copies.

Gnats' scales. HOGG (J.), On gnats' scales, 1872.

GÖBEL. See GOEBEL (C. C. T. F.).

GOBLEY (Th.). See CHEVALLIER (J. B. A.), T. G., & E. JOURNEIL, Essais sur le vinaigre, 1843.

GOBLEY (Th.?). See Journal de pharmacie et de chimie, 1850-76.

GODDARD (Jonathan). See BATE (G.), Pharmacopœia Bateana, containing Arcana Goddardiana, 1694, etc.

GODDARD (Joseph). Chemist's counter companion, or complete retail price book; compiled for the Leicestershire Association of Chemists and Druggists. Leicester, 1846. 10 + 208 p.

GODMAN (Fred. DuCane) & O. SALVIN. Biologia Centrali-Americana; or, Contributions to the knowledge of the fauna and flora of Mexico and Central America. London, [1879]. *

Botany, by W. B. Hemsley, pts. 1-2, containing p. 1-184 and pl. 1-13.

GOEBEL (Carl Christian Traugott Friedemann) & G. KUNZE. Pharmaceutische Waarenkunde mit illuminirten Kupfern, gezeichnet von E. Schenk; begonnen von F. G.; fortgesetzt von G. K. Eisenach, 1827-34. 2 Bd., 71 col. pl. *

Gold.

BOUTTELL (C.), Gold working, 2nd ed., 1878.

FRENCH (J.), [Art of distillation ... with the anatomy of gold, 1651?]; [3rd ed., 1664].

GESNER (C.), [Newe jewell of health ... the use and preparation of potable gold, 1576].

GLAUBER (J. R.), Description of philosophical furnaces, with description of tincture of gold, or aurum potabile, 1651[-2].

ROSALES (H.), Essay on the origin and distribution of gold in quartz veins, etc., 1861.

GOMEZ DE ORTEGA (Casimiro). *See* **Pharmacopœia chirurgica**, 1797.

GONDARD (Octave). Des acides oxyphénylsulfureux et des oxyphénylsulfites; thèse. Paris, 1874. 76 p. (École supérieure de pharmacie de Paris.)

Goniometer. BROOKE (H. J.), Familiar introduction to crystallography, including an explanation of the goniometer, 1823.

Gonorrhœa. *See* **Venereal disease.**

GOODEVE (Thomas Minchin).

Elements of mechanism. [Third edition.] London, 1870.
8 + 272 p. (Text-books of science.)

Principles of mechanics. Second edition. London, 1876.
12 + 314 + 2 p. (Text-books of science.)

See also **Text-books** of science, ed. partly by T. M. G.

GOODRICH (Chauncey A.). *See* **WEBSTER (N.)**, Dictionary of the English language, revised ed., 1858.

GOODWIN (Joseph). *See* **CLARK (B.)**, Remarks on Fr. shoeing, 1830.

GORDON (John). Outlines of lectures on human physiology. Edinburgh, 1817. 8 + 200 p.

GORE (George.).

Art of electro-metallurgy, including all known processes of electro-deposition. Lond., 1877. 20 + 392 + 4 p. (Text-books of science.)

Art of scientific discovery; general conditions and methods of research in physics & chemistry. Lond., 1878. 20 + 648 + 4 p.

GORIAS (Albert C.). *See* **UNITED STATES OF AMERICA, NAVY DEPARTMENT**, Naval hygiene, by Wilson, with appendix by A. C. G., 1870.

GORKOM (K. W. VAN). Cultivation of the Chinchoras or Peruvian bark trees in Java; with notes by [J.] C. Hasskarl; translated from the German. London, 1870. 62 p.

GOULARD (Thomas).

Treatise on the effects and various preparations of lead, for chirurgical disorders; translated from the French. Third edition, [by G. Arnaud]. London, 1772. 8 + 232 p. + 1 tab.

Same. New edition. London, 1777. 8 + 232 p.

GOULD (John Granger). *See Practical observations on the use of Indian bael or bela, in dysentery, diarrhoea, etc., [185—?].*
 GOURDIN (Théophile). *Synthèses de pharmacie et de chimie; [thèse]. Paris, 1862. 8 p. (École supérieure de pharmacie de Paris.)*

Gout.

BENNETT (J. H.), *Treatise on the oleum jecoris aselli, in gout, 1841.*
 GREENHOW (E. H.), *On chronic bronchitis, especially as connected with gout, etc., 1869.*
 HERILACUS (P.), *Aquarum natura et facultates, de arthridite et podagra consilium, 1591.*
 SCUDAMORE (C.), *Letter on nature and treatment of gout, 1839.*

GRAHAM (Sir James).

See CLARK (Ja.), Remarks on medical reform, letter to J. G., 1842.
See SOCIETY OF APOTHECARIES, Statement on the Apothecaries' act, 1844.

GRAHAM (Thomas).

Elements of chemistry, including the applications of the science in the arts. London, 1842. 24 + 1088 p.

Same. Second edition, [partly by H. Watts]. London, 1850–8. 2 v. (Library of illustrated standard scientific works, v. 8, 13.)

On the motion of gases. London, 1846. [62] p. + 3 pl.

Chemical reports and memoirs; [transl. by G. E. Day;] ed. by T. G. London, 1848. 8 + 372 p. + 2 pl. (Cavendish Soc.)

Contents.—Atomic volume, [by F. J. Otto, and by E. Filhol]; Isomorphism, [by F. J. Otto]; Endosmosis, [by J. Vogel]; Simultaneous contrast of colours, [by M. E. Chevreul]; Latent heat of steam at different pressures, [by H. V. Regnault]; Artificial formation of alkaloids, [by E. Kopp]; Volcanic phenomena, [by R. W. Bunsen].

Supplementary observations on the diffusion of liquids. London, 1850. [34] p.

— & F. J. OTTO. *G.-O.'s ausführliches Lehrbuch der Chemie. Dritte Auflage. Braunschweig, 1854[–5]. Bd. 3, Lief. 1–5.*

Note.—Contains only Kolbe's organische Chemie, Bd. 1, Lief. 1–5.

GRAHAM (Walter). Brass founding, tin plate and zinc working. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1876, Iron, etc., p. 126–85.*)

Grammar. *See various languages.*

GRANT (Klein). *See HOOPER (R.), Lexicon medicum, 8th ed., 1848.*

GRANVILLE (Augustus Bozzi). Counter-irritation, its principles and practice, illustrated by 100 cases of diseases cured by external applications. London, 1838. 16 + 360 p.

Grasses. STILLINGFLEET (B.), *Miscellaneous tracts, [with] observations on grasses, 2nd ed., 1762.*

Gravel. *See Calculi and Concretions.*

GRAVES (Robert).

Pocket conspectus of the London and Edinburgh pharmacopœias; the virtues, uses, and doses of the articles and preparations, etc. Second edition. London, 1799. 8 + 116 p.

Conspectus of the London, Edinburgh, and Dublin pharmacopœias, etc. Fourth edition [of Pocket conspectus]. London, 1810. 12 + 136 p.

Graveyards. *See Interment and Disinterment.*

GRAY (Asa).

First lessons in botany and vegetable physiology, [with] glossary of terms. New York, 1857. 12 + 238 p.

Botany for young people and common schools: how plants grow; with a popular flora. Eighth ed. New Y., 1862. 2 + 238 p.

Manual of the botany of the northern United States. Fifth edition; eighth issue. New York, 1872. 706 p. + 20 pl.

[Botanical text-book, or] Introduction to structural and systematic botany, and vegetable physiology. Fifth edition; [new issue]. New York, 1875. 556 p.

Same. Sixth edition. New York, 1879. Pt. 1.

Structural botany, or organography on the basis of morphology; [with] the principles of taxonomy and phytography, and a glossary.

See also CALIFORNIA, GEOLOGICAL SURVEY, Botany, 1876, v. 1.

GRAY (John Edward). *See Annals and mag. of nat. hist., ser. 3-4.*

GRAY (Samuel Frederick).

Supplement to the pharmacopœias; including drugs, formulæ, etc. London, 1818. 16 + 412 p.

Supplement to the pharmacopœia; being a treatise on pharmacology in general. New edition [of the preceding work]. London, 1821. 32 + 528 p.

Same. Sixth edition. London, 1836. 54 + 562 + 4 p.

Note.—For further editions, see REDWOOD (T.).

Natural arrangement of British plants, including those cultivated; with introduction to botany. London, 1821. 2 vol., 21 col. pl.

Elements of pharmacy, and of the chemical history of the *materia medica* of the London College, etc. London, 1823. 28 + 314 p.

See also London medical repository, 1819-21.

Grays Thurrock water. PRESTWICH (J.), D. CAMPBELL, & EASTON, AMOS AND SONS, Report, 1860.

GREAT BRITAIN AND IRELAND. (*See also England;—Ireland, etc.*)

See HEAD (G.), Home tour through the United Kingdom, 1837.

—. ADMIRALTY.

Manual of scientific enquiry, for officers in H.M. navy, and travellers in general; edited by J. F. W. Herschel. Second edition. London, 1851. 12 + 504 p.

Same. Fourth edit., by R. Main. Lond., 1871. 16 + 392 p. + 2 pl.

GREAT BRITAIN AND IRELAND—*continued.*

—. Agriculture. G. B. & I., PARLIAMENT, Agric. returns, 1871-3.

—. Army.

ALCOCK (R.), Notes on the medical history and statistics of the British legion of Spain, 1838.

G. B. & I., ROYAL COMMISSION ... SANITARY STATE OF THE ARMY, Mortality of the army, as compared with mortality of the civil population of England, 1858.

—. Arts. PARKES (S.), Chemical essays, principally relating to arts and manufactures of the British dominions, 1815.

—. BOARD OF TRADE.

Catalogue of library, [by W.M. Bucknall]. Lond., 1866. 4 + 648 p.
See also G. B. & I., PARLIAMENT, Tables shewing trade, 1842.

—. Botany.

BABINGTON (C. C.), Manual of British botany, 3rd ed., 1851; 4th ed., 1856; 7th ed., 1874.

BENTHAM (G.), Handbook of British flora, 1858;—*illust. ed.*, 1865.

COOKE (M. C.), Index fungorum Britannicorum, 1864.

— Fern book for everybody, 1867.

— Handbook of British fungi, 1871.

GARDINER (W.), Twenty lessons on British mosses, 1846.

GRAY (S. F.), Natural arrangement of British plants, 1821.

HOOKER (J. D.), Student's flora of Brit. Islands, 1870; 2 ed., 1878.

HOOKER (W. J.), British flora, 4 ed., 1838, v. 1; 6 ed., 1850, v. 1.

HULL (J.), British flora, 1799.

JOHNS (C. A.), Forest trees of Britain, [1869?].

LINDLEY (J.), Synopsis of the British flora, 3rd ed., 1841.

LOUDON (J. C.), Encyclopaedia of plants of Britain, 1836.

— Hortus Britannicus, new ed., 1850.

MOORE (T.). Handbook of British ferns, 2nd ed., 1853.

NOTCUTT (W. L.), Handbook of British plants, new ed., 1870.

PARKINSON (J.), Paradisi in sole paradisus terrestris, 1629.

PRIOR (R. C.), On the popular names of British plants, 2nd ed., 1870; 3rd ed., 1879.

SMITH (Ja. E.), English flora, 1825-36.

— Compendium floræ Britannicæ, 5th ed., 1828.

SOWERBY (Ja.), English botany, by Syme, *etc.*, 3rd ed., 1863-72. *

SOWERBY (John E.), C. & C. P. JOHNSON, British poisonous plants, 2nd ed., 1861.

WATSON (H. C.), Cybele Britannica, 1847-59.

— Compendium of the Cybele Britannica, 1870.

WITHERING (W.), Arrangement of British plants, 7th ed., 1830.

— British plants, compiled by W. Macgillivray, 11th ed., 1863.

WOODS (J.), Tourist's flora, 1850.

GREAT BRITAIN AND IRELAND—*continued.*—. **Census.**

BLACKIE (W. G.), Imperial gazetteer, [with abstract of the census of the United Kingdom of 1851,] 1860.

G. B. & I., PARLIAMENT, Census of England & Wales of 1861, 1863.

—. **Chemistry.** GREGORY (W.), Letter to the Earl of Aberdeen, on the state of schools of chemistry in the United Kingdom, 1842.

—. **COLONIAL OFFICE.** (*See also, below,* G. B. & I., **Colonies.**)

Flora Honkongensis: a description of the flowering plants and ferns of the island of Hongkong; by G. Bentham, [with B.'s Outlines of botany]. London, 1861. 20 + 52 + 482 p. + 1 map.

See also HANCE (H. F.), Floræ Honkongensis prosthæke, 1872.

Report on leprosy, by the Royal College of Physicians [of Lond.], prepared for H. M. sec. of state. Lond., 1867. 78 + 2 + 244 p.

—. **Colonies.** (*See also, above,* G. B. & I., **COLONIAL OFFICE.**)

G. B. & I., PARLIAMENT, Statistical abstract for 1857-71, 1873.

MARTIN (R. M.), Statistics of colonies of the Brit. Empire, 1839.

—. **Commerce or Trade.** G. B. & I., PARLIAMENT, Tables shewing trade, 1842;—Reports by H. M. consuls on Brit. trade abroad, 1873.

—. **COMMISSIONERS FOR THE EXHIBITION OF 1851.**

Great Exhibition of the Works of Industry of All Nations; official descriptive and illustrated catalogue; [with first and second reports of the royal commissioners]. London, [1851-2]. 4 v., pl.

Exhibition of the Works of Industry of All Nations; reports of the juries. London, 1852. 6 + 120 + 868 p. + 3 pl. 2 copies.

—. **COMMISSIONERS FOR THE EXHIBITION OF 1862.**

International Exhibition of 1862; illustrated catalogue of the industrial department, British division; [with Concise history of the Exhibition, by J. Hollingshead. London, 1862]. 2 v., pl.

International Exhibition of 1862; classified and descriptive cata-

logue of the Indian department, by J. F. Watson. [London,

1862.] 18 + 290 p.

[Jury report on class 2, section A, chemical products and processes, by A. W. Hofmann. London, 1862.] 200 p., n. t.-p.

—. **COMMISSIONERS OF WORKS AND PUBLIC BUILDINGS.**

Flora of tropical Africa, by D. Oliver, assisted by other botanists; [with Bentham's Outlines of botany]. Lond., 1868-77. V. 1-3.

Report on the progress and condition of the royal gardens at Kew, during 1877, [by J. D. Hooker]. London, 1878. 56 p. + 1 pl.

—. **COMMITTEE OF COUNCIL ON EDUCATION.**

Catalogue of the third and concluding Exhibition of National Portraits, 18[00-] 67, on loan to the South Kensington Museum; [issued by the Science and Art Department]. London, [1868]. 10 + 210 p.

GREAT BRITAIN AND IRELAND—*continued.*— COMMITTEE OF COUNCIL ON EDUCATION—*continued.*

Bethnal Green Branch of the South Kensington Museum ; descriptive catalogue of the collection illustrating the utilization of waste products ; [issued by the Science and Art Department]. London, 1875. 80 p.

South Kensington Museum science handbooks ; branch museum, Bethnal Green. [London,] 1877. 2 vol.

MURRAY (A.), Economic entomology, aptera. [1877?]

SIMMONDS (P. L.), Animal products, their preparation, uses, etc.

— Entomology.

STAINTON (H. T.), Insecta Britannica, lepidoptera, tineina, 1854.

WESTWOOD (J. O.), Introduction to modern classification of insects, [with Synopsis of the genera of British insects,] 1839-40.

— Butterflies of Great Britain, 1855. *

WOOD (W.), Index entomologicus, new ed., 1852. *

— Food. SCOTT (W. L.), On the supply of animal food, 1868.

— HOUSE OF COMMONS. (*See also G. B. & I., PARLIAMENT.*)

Report from the select committee on medical education ; with minutes of evidence, and appendix. [London,] 1834. 2 vol.

1. Royal Coll. of Physicians, Lond. 2. Royal Coll. of Surgeons, Lond.

Municipal corporation boundaries : England and Wales ; report of the commissioners. [London,] 1837. 3 vol., 178 col. maps.

Municipal corporation boundaries : Ireland ; reports and plans. [London,] 1837. 6 + 162 p. + 77 col. maps.

East India, Chinchona plant, return : correspondence relating to the introduction of the Chinchona plant into India, and to proceedings connected with its cultivation, from March 1852 to March 1863 ; [compiled at the] India Office. [London,] 1863. 6 + 272 p. + 4 maps.

East India, Chinchona plant, return : further correspondence relating to the introduction of the Chinchona plant into India, etc., from April 1863 to April 1866 ; [compiled at the] India Office. [London,] 1866. 6 + 380 p. + 4 pl. + 2 maps.

East India, Chinchona cultivation, return : correspondence between the secretary of state for India and the governor general, and the governors of Madras and Bombay, relating to the cultivation of Chinchona plants, from April 1866 to April 1870 ; [compiled at the] India Office. [London,] 1870. 6 + 286 p. + 2 pl. + 1 map.

Special report from the select committee on Apothecaries licenses bill ; with proceedings of the committee, minutes of evidence, etc. [London,] 1874. 10 + 54 p.

Note.—Refers more particularly to pharmacy in Ireland.

GREAT BRITAIN AND IRELAND—*continued.*

—. INDIA MUSEUM. *See below, G. B. & I., INDIA OFFICE.*

—. INDIA OFFICE.

New Zealand Exhibition, 1865; classified list of contributions from British India and its dependencies, forwarded by order of the secretary of state for India, from the India Museum, London, by J. F. Watson. London, 1864. 64 p.

Report on the specimens of Chinchonæ in the herbaria at Madrid, by C. R. Markham. London, 1866. 12 p.

Chinchona species of New Granada, containing the botanical descriptions of the species examined by Mutis and Karsten; with some account of those botanists, and of the results of their labours; by C. R. Markham. London, 1867. 140 p. + 5 pl.

Paris Universal Exhibition, 1867; Indian department; catalogue of articles. London, 1867. 48 p.

Index to the native and scientific names of Indian and other eastern economic plants and products; by J. F. Watson. London, 1868 [p. 1866?]. 8 + 638 p. *

Pharmacopœia of India, prepared by E. J. Waring, assisted by a committee. London, [1868]. 16 + 504 p.

Flora of British India, by J. D. Hooker, assisted by various botanists; [with Bentham's Outlines of botany]. London, 1872[-9]. Pts. 1-6.

Report on the caoutchouc of commerce, being information on the plants yielding it, their geographical distribution, climatic conditions, and the possibility of their cultivation and acclimatization in India: by J. Collins, with memorandum by D. Brandis. London, 1872. 12 + 56 p. + 2 maps + 4 pl.

Vienna Universal Exhibition, 1873: classified and descriptive catalogue of the Indian department; by J. F. Watson, chief commissioner and director. London, 1873. 8 + 248 p.

Report by M. C. Cooke, on the gums, resins, oleo-resins, and resinous products in the India Museum, or produced in India; prepared under the direction of the reporter on the products of India, [J. F. Watson]. London, 1874. 4 + 152 p. + 4 pl.

Report by M. C. Cooke, on the oil seeds and oils in the India Museum, or produced in India, etc. London, 1876. 4 + 86 p.

See also G. B. & I., HOUSE OF COMMONS, East India, Chinchona plant, return, 1863; 1866; 1870.

See also PLANCHON (G.), Peruvian barks, 1866.

See also WEDDELL (H. A.), Notes on the quinquinas, 1871.

—. Manufactures.

BEVAN (G. P.), British manufacturing industries, 2nd ed., 1876-8.

PARKES (S.), Chemical essays, relating to manufactures, 1815.

GREAT BRITAIN AND IRELAND—*continued.*

- . MASTER OF THE ROLLS. *Rerum Britannicarum medii ævi scriptores, or Chronicles and memorials of G. B. & I. during the middle ages.* [London, 1864–6.]
- Leechdoms, wortcunning, and starcraft of early England ; collected and edited by [T.] O. Cockayne. 3 vol.
- . **Materia medica.** FLÜCKIGER (F. A.) & D. HANBURY, *Pharmacographia*, 1874 ; 2nd ed., 1879.
- . PARLIAMENT. (*See also G. B. & I., HOUSE OF COMMONS.*) Tables shewing the trade of the United Kingdom with foreign countries and British possessions, 1831–40 ; compiled [by the Board of Trade]. London, 1842. 2 + 398 p.
- Census of England and Wales for 1861 : population tables. London, 1863. Vol. 2.
- Third report of the commissioners appointed to enquire into the origin and nature, etc., of the cattle plague ; with an appendix. London, 1866. 18 + 244 p. + 54 pl.
- Note.—See also CROOKES (W.), On the application of disinfectants, 1866.*
- Commercial reports received at the Foreign Office from H. M. consuls, in 1867. London, 1867. No. 5.
- Commercial reports received from H. M. consuls in China and Siam, 1869. London, 1869. No. 2.
- Reports from H. M. consuls on the manufactures, commerce, &c., of their consular districts. London, 1872. Nos. 1–3, pl.
- Same.* London, 1873. No. 4.
- Reports by H. M. consuls on British trade abroad. London, 1873. Pts. 3–4.
- Agricultural returns of G. B., with abstract returns for the United Kingdom, British possessions, and foreign countries, 1871[–3]. London, 1871–3 [*p. 1872–3?*]. 3 vol.
- Statistical abstract for colonial and other possessions of the United Kingdom, 1857–71. London, 1873. No. 9.
- Statistical abstract for the U. K., 1858–72. London, 1873. No. 20.
- Statistical abstract relating to British India, 1863–72. London, 1873. No. 7.
- . **Pharmacopœia.** *See GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION, London, British pharm., 1864 ; 1867, etc.*
- . **Pharmacy.** (*See also above, G. B. & I., Pharmacopœia.*) BELL (J.), Concise historical sketch of pharmacy in G. B., 1843.
- PHARMACEUTICAL SOCIETY OF G. B., *Pharm. journal*, 1841–80, *etc.*
- . **PRIVY COUNCIL.** (*See also G. B., & I., COMMITTEE OF COUNCIL.*) Public health ; report of the medical officer of the P. C., 1865 ; [1869–70]. London, 1866 ; 1870–1. Rep. 8, 12–13 ; pl.
- . **Reptiles.** COOKE (M. C.), *Our reptiles*, 1865.

GREAT BRITAIN AND IRELAND—continued.

- . ROYAL COMMISSION ... SANITARY STATE OF THE ARMY. Mortality of the British army, at home, at home and abroad, and during the Russian war, as compared with mortality of civil population in England. London, 1858. 6 + 22 p. + 11 diagrams.
- . SCIENCE AND ART DEPARTMENT. See G. B. & I., COMMITTEE OF COUNCIL ON EDUCATION.
- . Statistics. G. B. & I., PARLIAMENT, Statistical abstract for the United Kingdom, for 1858-72, 1873.
- . Trade. See G. B. & I., Commerce.
- . Waters. RUSSEL (R.), [Dissertation on the use of sea water; with Account of the mineral waters of G. B., 1760-2?].
- . Zoology. See G. B. & I., Entomology;—Reptiles.

GREECE. (See also Greek language.)

- Pharmacopœa Græca, jussu regio et approbatione Collegii medici edita auctoribus J. Bouro, X. Landerer, J. Sartori; [Ellenike pharmakopoiia. Lat. & Gr.] Athenis, 1837. 12 + 542 p.
Same. Ekdosis B'. En Athenais, 1868. 8 + 356 + 138 p.

Note.—This edition has no Latin title-page; it contains an appendix (parartema) by X. Landerer.

Greek language.

- LIDDELL (H. G.) & R. SCOTT, Greek-English lexicon, 6th ed., 1869.*
London Greek grammar, 1828.

GREENE (J. Reay). See Natural history review, 1861-2.

GREENE (William H.). See WURTZ (C. A.), Elem. of mod. chem., 1879.

GREENHILL (William Alexander). See SYDENHAM (T.), Opera, 1844.

GREENHOW (Edward Headlam).

Third series of cases illustrating the pathology of the pulmonary disease frequent among operatives exposed to the inhalation of dust. [London,] 1868-9. 2 + 22 p. + 2 pl.

On chronic bronchitis, especially as connected with gout, emphysema, and diseases of the heart. London, 1869. 20 + 236 p.

Greenland. BROWN (R.), Campst., Florula Discoana, contributions to the phyto-geography of Greenland, 1868.

GREGORY (Charles Wilson). See MAGENDIE (F.), Formulary, 1835.

GREGORY (William).

Letter to the Earl of Aberdeen on the state of the schools of chemistry in the United Kingdom. London, 1842. 2 + 36 p.

Outlines of [organic and inorg.] chemistry. Lond., 1845. 24 + 588 p.

Handbook of organic chemistry: new edition of the Outlines.

Third edition. London, 1852. 28 + 532 p. + 1 tab.

Handbook of inorganic chemistry: new edition of the Outlines.

Third edition. London, 1853. 8 + 292 p.

Same. Fourth edition. London, 1857. 8 + 356 p.

GREGORY (William)—*continued.*

See also LIEBIG (J. v.), *Organic chemistry in its applications to agriculture, etc.*, 4th ed., 1847;—*Animal chemistry*, 1842;—*Researches on the chemistry of food*, 1847;—*Researches on the motion of the juices in the animal body*, 1848.

See also TURNER (E.), *Elements of chemistry*, 7th ed., 1842.

GREIVE (James). *See* CELSUS (A. C.), *Of medicine*, 3rd ed., 1837.

Grevillea; record of cryptogamic botany and its literature; ed. by M. C. Cooke. London, [1872-9]. Vol. 1-7; v. 8, p. 1-80; col. pl.

Note.—Originally published monthly, afterwards quarterly.

GREW (Nehemiah). *Anatomy of plants; with Idea of a philosophical history of plants; and several other lectures.* London, 1682. 24 + 34 + 324 p. + 83 pl.

Note.—There are separate title-pages for the several portions of this work: *Idea*, 2nd ed.; *Anatomy of plants*, 2nd ed.; *Anatomy of roots*, 2nd ed.; *Anatomy of trunks*, 2nd ed.; *Anatomy of leaves, etc.*; *Anatomy of flowers*; *Anat. of fruits*; *Anat. of seeds*; *Several lectures*.

GRiffin (John). *Practical treatise on the use of the blowpipe in chemical and mineral analysis.* Glasgow, 1827. 16 + 308 p. + engr. t.-p. + 5 pl.

GRiffin (John Joseph).

Chemical recreations: popular manual of experimental chemistry.

Tenth edition. London, 1854-60. 2 vol.

Chemical testing of wines and spirits. London, 1866. 8 + 144 p.

GRiffin (William Nathaniel).

Elements of algebra and trigonometry. London, 1871. 6 + 312 p.

(Text-books of science.)

Notes on the Elements of algebra and trigonometry, with solutions. London, 1872. 4 + 58 p. (Text-books of science.)

GRiffith (John William). *Elementary text-book of the microscope; including a description of the methods of preparing and mounting objects, etc.* London, 1864. 32 + 192 p. + 12 col. pl.

— & A. HENFREY.

Micrographic dictionary; guide to the examination and investigation of the structure and nature of microscopic objects. Second edition. London, 1860. 2 vol. *in 1*, 45 pl.

Same. Third edition, by J. W. G., M. Duncan, M. J. Berkeley, and T. R. Jones. London, 1875. 2 vol. *in 1*, 48 pl. *

GRiffith (Robert Eglesfield).

Universal formulary: containing methods of preparing and administering medicines. Third edition, by J. M. Maisch. Philadelphia, 1874. 780 p., wanting p. 13-16, probably not printed.

See also PHILADELPHIA COLLEGE OF PHARMACY, *American journal of pharmacy*, 1833-6.

- GRIFFITHS (Thomas). Chemistry of the four seasons, spring, summer, autumn, and winter. London, 1853. 2 + 32 + 436 p.
- GRIFFITHS (William Handsel). Materia medica and pharmacy; ed., and in part written, by G. F. Duffey. Dublin, 1879. 8 + 310 p.
- GRISEBACH (August Heinrich Rudolph). Report on the contributions to botanical geography during 1842, translated by W. B. Macdonald; [and during 1843, transl. by G. Busk]. (*In* RAY SOCIETY, Rep. on botany, 1846, p. 55–212.) Flora of the British West India islands. London, 1864. 16 + 790 p.
- GRÈNEVELT (Joannes). *See* Fundamenta medicinæ, 1714, Note.
- GROSS (Samuel D.). *See* North American med.-chir. review, 1858–61.
- GROSS (Samuel W.). *See* North American med.-chir. review, 1860–1.
- GROVE (Sir William Robert). Correlation of physical forces. Second ed. Lond., 1850. 8 + 120 p.
- Same.* Fifth edition, followed by a Discourse on continuity. London, 1867. 18 + 364 p.
- GROVES (Charles Edward). *See* MILLER (W. A.), Elements of chemistry, 6th ed., 1878, pt. 2.
- Guano, British. TAYLOR (E.), Use and value of ammoniacal liquor and refuse lime of gas works, 2nd thousand, 1853.
- GUBLER (Adolphe). *See* Journal de pharmacie et de chimie, 1873–9.
- See* SOUBEIRAN (J. L.) & D. DE THIERSANT, La matière médicale chez les Chinois, précédé d'un rapport par G., 1874.
- Guernsey. LEWIS (S.), Topographical dictionary, 2nd ed., 1833.*
- Guiana. *See* BRITISH GUIANA.
- GUIBOURT (Nicolas Jean Baptiste Gaston). Histoire abrégée des drogues simples. Troisième édition. Paris, 1836. 2 tomes.
- Histoire naturelle des drogues simples; cours d'histoire naturelle professé à l'École de pharmacie de Paris. Quatrième édition [de l'Histoire abrégée]. Paris, 1849–51. 4 tomes.
- Same.* Sixième édition, par G. Planchon. Paris, 1869–70. 4 t.
- Same.* Septième édition, par G. Planchon, [avec] éloge de Guibourt, par H. Buignet. Paris, 1876. 4 tomes.
- Sur le quinquina rouge. [Paris,] 1857. 20 p.
- See also* HENRY (N. É.) & N. J. B. G. G., Pharmacopée raisonnée, 3me éd., 1841.
- See also* Journal de chimie médicale, etc., 1825–47.
- See also* Journal de pharmacie et de chimie, 1846–68.
- See also* PEREIRA (J.), Original letters to N. J. B. G. G., 1830–53.
- GUICHENEY (M.). *See* VERGANI, Ital. and Eng. grammar, n. ed., 1820.
- GUILLAUMET (Albert). De la respiration végétale; thèse. Paris, 1872. 60 p. (École supérieure de pharmacie de Paris.)

GULLY (James Manby). *See MAGENDIE (F.)*, Formulary, 1835; 1836.

Gum Arabic. MASING (E.), Vergleichende Untersuchung der wichtigsten Handelssorten des arabischen Gummi, etc., [1879].

Gum resins. (*See also Resins.*)

BORSZCZOW (E.), Die pharmaceutisch-wichtigen Ferulaceen der aralo-caspischen Wüste, 1860 (*see*).

DÉNIAU (P. C. F.), Le silphium, asa foetida, précédé d'observations sur les gommes-résines, 1868.

HIRSCHSOHN (E.), Beiträge zur Chemie der wichtigeren Harze, Gummiharze und Balsame, 1877.

— Beiträge zur Chemie der wichtigeren Gummiharze, Harze und Balsame, [1877–8].

VIGIER (F. L.), Gommes-résines des ombellifères, 1869.

Gums. GT. BRITAIN & IRELAND, INDIA OFFICE, Report by M. C. Cooke, on the gums in the India Museum, or produced in India, 1874.

Guns. AITKEN (W. C.), Guns, etc., 2nd ed., 1878.

Gunshot wounds.

ALCOCK (R.), Notes on med. history of British legion of Spain, 1838.

UNITED STATES OF AMERICA, SURGEON-GENERAL'S OFFICE, Report [by G. A. Otis] on excisions of the head of the femur, for gunshot injury, 1869.

GÜNTHER (Albert C. L. G.). *See Annals* and mag. of nat. hist., ser. 4–5.

GUNTHER (Nicolai).

Beurtheilung der analytischen Methoden, welche zur Bestimmung des in Catechu, Ratanhia, Kino und einigen anderen gebräuchlichen Drogen vorhandenen Gerbstoff's zur Verfügung stehen. St. Petersburg, 1870. 56 p.

Beiträge zur Kenntniss der im Sumach, in den Myrobalanen und in der Dividivi vorkommenden Gerbsäuren; [Dissertation]. Dorpat, 1871. 2 + 34 p. (Kaiserliche Universität Dorpat.)

GUTHRIE (Frederick). Elements of heat and of non-metallic chemistry. London, 1868. 10 + 210 p.

Guttapercha.

COLLINS (J.), Hides and leather, Guttapercha, 2nd ed., 1877.

MADRAS PRESIDENCY, PUBLIC DEPARTMENT, Memorandum upon the pauchontee, or Indian gutta tree, [by H. F. C. Cleghorn,] 1858.

GUY (Thomas). *See GUY'S HOSPITAL, London.*

GUY (William Augustus).

Principles of forensic medicine, [including toxicology]. London, 1844. 20 + 568 p.

Same. By W. A. G., and D. Ferrier; fourth edition. London, 1875. 28 + 704 p.

On the microscopic characters of the crystals of arsenious acid. [London,] 1861. 12 p. + 1 pl., n. t.-p.

GUY (William Augustus)—continued.

On the claims of science to public recognition and support; with special reference to the so-called "social sciences." London, 1870. [20] p. + 1 pl., *n. t.-p.*

See also HOOPER (R.), Physician's vade mecum, 7th ed., 1864.

See also KING'S COLLEGE, LONDON, On education, as illustrated by medical usages and experiences, lecture by W. A. G., 1868.

GUY'S HOSPITAL, LONDON.

Syllabus of a course of [chemical] lectures at Guy's Hospital; by W. Babington. London, 1789. 4 + 60 p.

Same. London, 1797. 8 + 128 p. + 2 tab.; interleaved, few ms. notes.

Same. By W. Babington and W. Allen. London, 1802. 8 + 146 p. + 4 tab.; interleaved.

Same. By W. Babington, A. Marcet, and W. Allen. London, 1816. 8 + 148 p. + 1 pl.

Same. By W. Allen, J. Bostock, [and] A. Aikin. London, 1822. 72 p. + 1 pl.; interleaved, few ms. notes.

Pharmacopœia [Guyensis], in usum Nosocomii a Thoma Guy fundati. London, [1837]. 8 + 202 p.

Formulæ used at Guy's Hospital, in addition to those in the British pharmacopœia. London, 1868. 48 p.

Same. [New edition.] London, 1879. 64 p., interleaved.

Reports; third series, edited by C. H. Fagge, A. E. Durham, [H. G. Howse, and F. Taylor]. London, 1868–79. Vol. 13–24.

Note.—Vol. 20 contains a general index to vol. 11–20.

GUYTON DE MORVEAU (Baron Louis Bernard).

[Ms. de G. de M., sur l'acide méphitique.] Pages 59–64.*

See also Annales de chimie.

See also BERGMAN (T. O.), Physical and chemical essays, 1784.

Gynocardia odorata. LEPAGE (R. C.), Papers on the plant from which chaulmoogra oil is obtained, 2nd ed., 1878.

Gypsum. *See* Calcium, Sulphate of.

H. (A.). *See* Om Materialsternes Ret til Handel med visse Medicinalvarer, 1868.

HABERKORN (Theodor). Das Verhalten von Harnbacterien gegen einiger Antiseptica; Dissertation. Dorpat, 1879. 40 p. (Kaiserliche Universität Dorpat.)

HADEN (Charles Thomas).

Practical observations on the colchicum autumnale, as a remedy in disorders connected with increased action of the heart and arteries, and therefore as a substitute for bleeding in inflammatory diseases. London, 1820. 8 + 84 p.

See also MAGENDIE (F.), Formulary, with introd., etc., 4th ed., 1825.

Hæmatin or Hæmatosin. PAQUELIN (C.) & L. JOLLY, *La matière colorante du sang, hématosine, ne contient pas de fer*, 1874.

Hæmatozoa.

LEWIS (T. R.), *On a hæmatozoon inhabiting human blood*, 1872.

— *Pathological significance of nematode hæmatozoa*, 1874.

HAGER (Hermann).

Manuale pharmaceuticum, seu Promptuarium, quo præcepta ad paranda medicamenta in pharmacopœas vulgo non recepta, atque etiam complura adjumenta et subsidia operis pharmaceutici continentur. Lesnæ, 1860. Vol. 2.

Adjumenta varia chemica et pharmaceutica atque subsidia ad parandas aquas minerales.

Same. Editio tertia. Lipsiæ, 1876. Vol. 2.

Same. Editio quarta. Lipsiæ, 1875. Vol. 1.

Pharmacopœæ recentiores Anglica, Gallica, Germaniæ, Helvetica, Russiæ inter se collatæ ; supplementum Manualis pharmaceutici. Vratislaviaæ, 1869. 8 + 322 p.

[*Pharmacopœa homœopathica nova :] Medicamenta homœopathica et isopathica omnia.* Lesnæ, 1861. 4 + 4 + 172 + 22 + 18 p.

Note.—Includes "Sectio prima ... übersetzt von E. Hahn."

Handbuch der pharmaceutischen Praxis. Berlin 187[5-]6-8.
2 Theile, por.

Hague, The. SOCIÉTÉ D'ACCLIMATATION, *Paris*, Rapport sur l'exposition des produits de pêche de La Haye, 1869.

HAHN (Eduard). See HAGER (H.), *Pharmacopœa homœopath.*, 1861.

HAHNEMANN (Samuel Christian Friedrich). *Homœopathic medical doctrine, or, Organon of the healing art ; a new system of physic, translated from the German, by C. H. Devrient ; with notes by S. Stratten.* Dublin, 1833. 26 + 332 p.

HAIDINGER (Wilhelm Ritter von).

Handbuch der bestimmten Mineralogie. Zweite Ausgabe. Wien, 1850. 36 + 630 p.

Ein Verzeichniss sämmtlicher naturwissenschaftlichen Abhandlungen aus den Jahren 1800 bis mit 1863 ; [Beurtheilung. Wien, 1868]. 4 p., n. t.-p.

HALES (Stephen). *Account of some experiments and observations on tar-water.* London, 1745. 2 + 30 p.

HALFORD (George Britton). *On the injection of ammonia into the circulation [as a remedy for snake poisoning, etc.] ; with discussion thereon.* [Melbourne, 1869.] 14 p.

Half-yearly abstract of the medical sciences ; edited by W. H. Ranking, C. B. Radcliffe, [and W. D. Stone]. London, 1860-5 ; 1869-73. Vol. 30-42, 49-55, 57-8 ; general index to v. 23-40.

HALL (Archibald). See *British American journal*, 1860-2.

HALL (Marshall). Abstract of an investigation into asphyxia; its nature and its remedy. London, 1856. 44 p.

HALLÉ. See FRANCE, Codex medicamentarius, 1819.

HALLWACHS (Wilhelm).

See GMELIN (L.), Handbuch der Chemie, 4e Aufl., 1846–65.

See Jahresbericht über die Fortsch. der reinen ... Chemie, 1861–3.

Haloid compounds. See SILVER, Haloid compounds of.

HAMBERG (Nils Peter).

Svensk pharmaceutisk bibliographi, utgörande original-arbeten, dels berörande det pharmaceutiska yrket, des af pharmakognostiskt, pharmakodynamiskt och pharmakokemiskt innehåll. Stockholm, 1862. 2 + 46 p.

Om Marienbad dess helsökällor och bad. Stockholm, 1870. 28 p.

Om karbolsyra. [Stockholm, 1871.] 10 p., n. t.-p.

Undersökning af badgjutjan vid Marstrand. Stockh., 1878. 32 p.

See also HANBURY (D.), D. H., [af N. P. Hamberg,] 1875.

— & B. M. LERSCH. Die Burtscheider Thermen bei Aachen: Analyse des Victoriabrunnens von N. P. H.; monographische Skizze der Burtscheider Bäder von B. M. L. Aachen, [1861 ?]. 4 + 128 p.

Hamburg. See COLLEGIUM SANITATIS, Codex medicamentarius, 1852.

HAMEL (Nicolas). New universal French grammar. Fifth edition. London, 1808. 12 + 334 p.

HAMILTON (George). Suggestions for a new system of chemical nomenclature. Liverpool, 1866. 18 p.

HAMILTON (William). See BERTHOLLET (C. L.), Elem. of dyeing, 1791.

HAMMICK (Stephen Love). See MITSCHERLICH (E.), Practical and experimental chemistry, translated, 1838.

HANBURY (Daniel).

Science papers, chiefly pharmacological & botanical; edited, with memoir, by J. Ince. Lond., 1876. 10 + 544 p. + por. 2 copies.

Note.—Contains also a review of Flückiger and H.'s Pharmacographia, by H. B. Brady, and an obituary notice, by F. A. Flückiger, translated from the German, by K. A. Hanbury.

Notes on Chinese materia medica. London, 1862. 4 + 48 p.

Ger. Beiträge zur Materia medica China's; übersetzt von T. W. C. Martius. Speyer, 1863. 2 + 82 p. 2 copies.

Note on cassia moschata. [London,] 1863. [4] p. + 1 pl., n. t.-p.

On the species of garcinia which affords gamboge in Siam. [London,] 1864. [4] p. + 1 pl., n. t.-p.

On a species of ipomoea [ipomoea simulans] affording Tampico jalap. [London, 1870.] [4] p. + 1 pl., n. t.-p.

D. H.; Neckrolog, [von F. A. Flückiger]. München, 1875. 24 p.

Eng. Obituary notice of D. H., by F. A. Flückiger; translated by K. A. Hanbury. (In H.'s Science papers, 1876, p. 501–15.)

HANBURY (Daniel)—*continued.*

D. H.; [af N. P. Hamberg]. Stockholm, 1875. 2 + 8 p.

See also FLÜCKIGER (F. A.) & D. H., *Pharmacographia*, 1874; 2nd ed., 1879.

HANBURY (Katherine A.). *See* HANBURY (D.), *Obituary*, tr., 1876.

HANCE (Henry Fletcher). *Floræ Hongkongensis prostheke: compendious supplement to Bentham's Description of plants of the island of Hongkong.* London, 1872. 60 p., *wanting p. 3-6.*

Note.—See also GREAT BRITAIN AND IRELAND, COLONIAL OFFICE, Flora Hongkongensis, by G. Bentham, 1861.

HANCOCK (John).

Remarks on the siruba, or native oil of laurel. London, 1830. 16 p.

Notice of the native oil and vapour bath [and cholera. London, 1831 ?]. 4 p., *n. t.-p.*

Observations on the origin and treatment of cholera and other pestilential diseases, and on the gaseous oxide of nitrogen as a remedy in such diseases; also in asphyxia, and against narcotic poisons. London, 1831. 54 p.

Observations on the climate, soil, and productions of British Guiana, and on the advantages of emigration to, and colonizing the interior of, that colony; with remarks on the diseases. London, 1835. 8 + 90 p.

Hand. BELL (C.), *The hand, as evincing design*, 1833.

HANOVER (*Kingdom of*). *Pharmakopöe für das Königreich Hannover.* Hannover, 1861. 16 + 784 p.

HANSEN (Chr. D. A.). *See Pharmaceutisk Tidende*, 1874-5.

HARCOURT (A. G. Vernon) & H. G. MADAN. Exercises in practical chemistry; series 1, qualitative. Oxford, 1869. 10 + 336 p. + 1 tab. (Clarendon press series.)

HARDING (Thomas H.). Toothache and other affections of the teeth relieved by the electric cautery. Second edition. London, 1859. 4 + 40 p.

HARDWICKE's science-gossip: an illustrated medium for students and lovers of nature; edited by M. C. Cooke [and J. E. Taylor]. London, 186[5]-79. Vol. 1-15; classified index to v. 1-12.

HARDWICKE's science-gossip easy guide to the study of British hepaticæ: or, Scale mosses, liverworts, and crystalworts; with figures and descriptions by M. C. Cooke. London, [186-]. 2 + 28 p.

HARDY (A.). Note sur la culture du quinquina en Algérie, [avec notes par J. L. Soubeiran et A. A. Delondre. Paris,] 1868. 14 p., *n. t.-p.*

HARE (Thomas). Physiological views of the structure, functions, and disorders of the stomach and alimentary organs of the human body. Second edition. London, 1824. 12 + 368 p. + 2 pl.

HARLEY (John).

The old vegetable neurotics, hemlock, opium, belladonna, and henbane ; their physiological action and therapeutical use, alone and in combination. London, 1869. 10 + 356 p.

See also HOOPER (R.), Physician's vade mecum, 7th ed., 1864.

See also ROYLE (J. F.), Manual of mat. med. and ther., 6 ed., 1876.

HARRINGTON (Mark W.). Identification and microscopical examination of crude drugs and other vegetable products. Ann Arbor, 1876. 34 p.

HARRIS (Walter). *See* LEMERY (N.), Course of chymistry, translated by W. H., 1677 ; 2nd ed., 1686 ;—Appendix to Course, 1680.

HARRIS (William Henry). Oil-cake controversy [between W. H. H. and A. Voelcker. Northampton, 1862]. 8 p., n.t.-p.

HARRISON (John). Remarkable effects of fixed air in mortifications of the extremities ; to which is added, the History of some worm-cases. London, 1784. 2 + 24 p.

HARRISON (Reginald). *See* Liverpool med. & surg. reports, 1869–71.

HART (Ernest). *See* BRITISH MED. ASSOC., Br. med. journ., 1867–79.

HARTING (James Edmund). *See* ZOOLOGIST, cond. by J. E. H., 1877–9.

HARTLEY (David). View of the present evidence for and against Mrs. Stephens's medicines as a solvent for the stone ; with experiments and observations. London, 1739. 8 + 208 p.

HARTOG (Marcus M.) *See* BAILLON (H. E.), Natural history of plants, translated by M. M. H., 1871–4, vol. 1–3.

Harveian prize dissertations.

COGSWELL (C.), Experimental essay on iodine, 1837.

CORMACK (J. R.), Treatise on creosote, 1836.

IRVING (R.), Experiments on Peruvian bark, etc., 1785.

HARVEY (W. H.). *See* NATURAL HISTORY REVIEW, 1859.

HASELDEN (Adolphus Frederick).

Notes on the British pharmacopœia. London, 1864. 36 + 82 p.

See also FISHER & A. F. H., Domestic medicines, 2nd ed., 1865.

See also ROYAL COLLEGE OF PHYSICIANS OF LONDON, Translation of the Pharmacopœia Londinensis, by A. F. H., 1837.

Haslar. *See* ROYAL NAVAL HOSPITAL.

HASSALL (Arthur Hill).

Food and its adulterations ; comprising the reports of the Analytical Sanitary Commission of the Lancet, 1851–4, revised and extended. London, 1855. 4 + 48 + 660 p. 2 copies.

Adulterations detected ; or, Plain directions for the discovery of frauds in food and medicine. Second edition. London, 1861. 4 + 22 + 712 + 14 p.

Food : its adulterations, and methods for their detection. London, 1876. 8 + 898 + 52 p.

- HASSELGREN (Nicolas). Swedish Pan. (*In STILLINGFLEET, B., Miscellaneous tracts, 2nd ed., 1762, p. 339–62.*)
- HASSENFRATZ (Jean Henri?) *See Annales de chimie.*
- HASSKARL (Justus Carl). *See GORKOM (K. W. VAN), Cultivation of Chinchoras in Java, with notes by C. H., 1870.*
- HATTON (Joseph). Printing. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Paper, etc., p. 35–69.*)
- HAUCHAMPS (G.). *See SOCIÉTÉ ROYALE DE PHARMACIE DE BRUXELLES, Falsifications des substances alimentaires, rapport, 1853.*
- HAUGHTON (Rev. Samuel). *See Natural history review, 1859.*
- HAUSMANN (Johann Friedrich Ludwig). Handbuch der Mineralogie. Zweite Ausgabe. Göttingen, 1828–47. 2 Theile in 3 vol., 3 pl.
 1 Theil. Versuch einer Einleitung in die Mineralogie.
 2 Theil. System und Geschichte der Mineralkörper. Bd. 1–2.
- HAÜY (René Just). *See ACCUM (F.), Elements of crystallography, after the manner of Haüy, 2nd ed., 1813.*
- Havre, Le. *See SOCIÉTÉ D'ACCLIMATATION, Paris, Rapport sur les expositions internationales de pêche, 1871.*
- HAWTREY (Rev. Stephen Thomas). *See EUCLID, Introd., 2nd ed., 1878.*
- HAY (D.). *See LEMERY (L.), Treatise of foods, transl., 3rd ed., 1745.*
- HAYGARTH (John). Of the imagination, as a cause, and as a cure of the disorders of the body; exemplified by fictitious tractors, and epidemical convulsions. Bath printed, London, 1800. 4 + 44 p.
- HAYNE (Friedrich Gottlob). Getreue Darstellung und Beschreibung der in der Arzneykunde gebräuchlichen Gewächse, wie auch solcher, welche mit ihnen verwechselt werden können. Berlin, 1805–33. Bd. 1–12, col. pl., por.*
- Note.—Bd. 12 contains only its title, the plates and letterpress are wanting; Bd. 13–14 are also wanting, to complete. On the t.-p. of Bd. 12, the names of J. F. Brandt and J. T. C. Ratzeburg appear in conjunction with the name of Hayne.*
- HEAD (Sir George).
 Home tour through the manufacturing districts of England, in the summer of 1835. London, 1836. 12 + 434 p.
- Home tour through various parts of the United Kingdom; also, Memoirs of an assistant commissary-general. London, 1837. 16 + 352 p. + 1 map.
- Forest scenes and incidents in the wilds of North America. Second edition. London, 1838. 20 + 364 p. + 1 map.
- HEADLAND (Frederick William). *See ROYLE (J. F.), Manual of mat. medica and therap., 2 ed., 1852; 3 ed., 1856; 5 ed., 1868.*
- HEALDE (Thomas). *See ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia, translated, 1788; 2nd ed., 1788; 3rd ed., 1788; 5th ed., 1791; 6th ed., 1793; 7th ed., 1801.*

Health and Hygiene.

- CHEYNE (G.), *Essay of health and long life*, 1724.
- CONDY (H. B.), *Disinfection and hygiene, by means of oxygen in a nascent and active condition, or artificial ozone*, 1860.
- CRÉTEUR (L.), *L'hygiène sur le champs de bataille*, 1871.
- FORSTER (T.), *Facts and enquiries respecting epidemia, with sanitary rules*, 3rd ed., 1832.
- GESNER (C.), [Newe jewell of health, 1576].
- GREAT BRITAIN AND IRELAND, PRIVY COUNCIL, *Public health, report of medical officer*, 1865, 1869, 1870.
- JOANNES *de Mediolano*, *Schola Salernitana, sive De conservandâ valetudine præcepta metrica*, 1649.
- Lancet*, [journal of medicine, ... public health, etc.,] 1823–79.
- MACHELL (T.), *Remarks on recent inventions important to health*, 1826.
- Monthly gazette of health**, 1816–20.
- RADCLIFFE LIBRARY, *Oxford*, Catalogue ..., with list of works on India, having reference to comparative national health, 1877.
- SANITARY INSTITUTE OF GREAT BRITAIN, Report, 1876.
- SEARLE (C.), *The why and the wherefore, or, Philosophy of life, health and disease*, 1846.
- SOUBEIRAN (J. L.), *Hygiène élémentaire*, 1873.
- TISSOT (S. A. D.), *Advice to the people*, 1765; 3rd ed., 1768.
- UNITED STATES OF AMERICA, NAVY DEPARTMENT, *Naval hygiene*, by J. Wilson, 1870.
- SANITARY COMMISSION, *Bulletin*, 1863–5;—*Documents*, 1866.
- SURGEON GENERAL'S OFFICE, *Report on hygiene of army*, 1875.

Heart.

- ALISON (S. S.), *Practical analysis of seventy cases of disease*, 1851.
- GREENHOW (E. H.), *On chronic bronchitis, especially as connected with gout, emphysema, and diseases of the heart*, 1869.

Heat. (See also Heating.)

- ADDISON (W.), *Dissertation on Malvern water, and the influence of terrestrial radiation of caloric on local salubrity*, 2nd ed., 1831.
- GUTHRIE (F.), *Elements of heat and non-metallic chem.*, 1868.
- KNIGHT (T.), *Reflections upon catholicons, with remarks on natural heat in animals, and luminous emanations*, 1749.
- LARDNER (D.), *Treatise on heat*, 1833.
- LESLIE (P. D.), *Philosophical inquiry into animal heat*, 1778.
- MAXWELL (J. C.), *Theory of heat*, 1871.
- SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, *Library of useful knowledge, natural philosophy*, 1829–38, vol. 1–2 (see).
- STEWART (B.), *Elementary treatise on heat*, 1866.
- TAIT (P. G.), *Sketch of thermodynamics*, 2nd ed., 1877.

Heat—*continued.*

- THOMSON (T.), Outline of heat and electricity, 2nd ed., 1840.
 TOMMASI (D.), Nuove prove in conferma alla teoria termica sullo stato nascente dell'idrogeno, 1879.
 — Sull' equilibrio termico nelle azioni chimiche, 1879.
 TYNDALL (J.), Heat a mode of motion, 2 ed., 1865; 5 ed., 1875.
 — Contributions to molecular physics, in radiant heat, 1872.
 VOLKMANN (A. W.), Observationes biologicæ de ... ovorum animaliumque caloris quadam constantia ejusque explicatione, 1826.
 WOOD (T.), Chemical notes for the lecture-room, 3rd ed., 1871.

Heating.

- CLARK (B.), Description of ... stove for warming, [1844].
 MALEPEYRE (F.), Rapport sur les appareils de chauffage de L. Duvoir-Leblanc, 1844.
 HEATON (C. W.). *See* STÖCKHARDT (J. A.), Experimental chem., 1872.
Hebrew language. LYONS (I.), Scholar's instructor, 4th ed., 1823.
 HEIMANN (A.). *See* FLÜGEL (F. A.), Complete dictionary of the German and English languages, 1841.
 HEISTER (Lorenz). Medical, chirurgical, and anatomical cases and observations; translated from the German by G. Wirgman, [and revised by D. Cox]. London, 1755. 32 + 708 p. + 8 pl.
 HELSHAM (Hector). Evils resulting from the intermarriage of relations. London, 1863. 20 p.

Hemlock. *See* Conium.

HEMSLEY (William Botting).

- See* DECAISNE (J.) & C. NAUDIN, Handbook of hardy trees, *etc.*, 1877.
See GODMAN (F. D.) & O. SALVIN, Biologia Centrali-Americana, 1879, Botany, by W. B. H.

Henbane. *See* Hyoscyamus.

HENDERSON. *See* THORNTON (R. J.), New family herbal, 1810.

HENDERSON (William). *See* RASPAIL (F. V.), New system of inorganic chemistry, translated, 1834.

HENFREY (Arthur).

Elementary course of botany, structural, physiological, and systematic. Second edit., by M. T. Masters. Lond., 1870. 16 + 708 p.

Same. Third edition, by M. T. Masters. Lond., 1878. 16 + 742 p.

See also Annals and magazine of natural history, ser. 3.

See also GRIFFITH (J. W.) & A. H., Micrographic dictionary, 2nd ed., 1860; 3rd ed., 1875.

See also MOHL (H. v.), Principles of the anatomy and physiology of the vegetable cell, translated, 1852.

See also NÄGELI (C.), Memoir on vegetable cells, translated, 1845.

See also PHOTOGRAPHIC SOCIETY, Photographic journal, 1853-6.

See also SCHLEIDEN (M. J.), The plant, translated, 1848.

HENKEL (J. B.).

Die Merkmale der Aechtheit und Güte der Arzneistoffe des Pflanzen- und Thierreichs, nebst Anleitung zur Prüfung derselben auf ihren Gehalt und wirksamen Bestandtheilen. Tübingen, 1864. 6 + 320 p.

Handbuch der Pharmacognosie des Pflanzen- und Thierreichs. Tübingen, 1867. 16 + 630 p.

Medizinisch-pharmazeutische Botanik. Zweite Ausgabe. Tübingen, 1873. 34 + 304 p.

Atlas zur medizinisch-pharmazeutischen Botanik die Analysen der wichtigsten Pflanzenfamilien enthaltend. Zweite Auflage. Tübingen, 1873. 2 + 22 p. + 54 pl.*

HENNEN (John). *See* ROYAL MEDICAL AND CHIRURGICAL SOCIETY OF LONDON, Medico-chirurgical transactions, General index, 1851.

HENRY (A.). *See* NEES v. ESENBECK (T. F. L.), Plantæ med., 1828.

HENRY (Noël Étienne). *See* Journal de pharm. et de chim., 1822–9.

— & N. J. B. G. GUIBOURT. Pharmacopée raisonnée, ou Traité de pharmacie pratique et théorique. Troisième édition, par N. J. B. G. G. Paris, 1841. 2 + 22 + 800 p. + 22 pl.

— [or Ossian H.?]. *See* FRANCE, Codex medicamentarius, 1819.

HENRY (Ossian).

See FRANCE, Codex medicamentarius, 1827.

See Journal de pharmacie et de chimie, 1826–65.

See NYSTEN (P. H.), Dictionnaire de médecine, 8me éd., 1840.

HENRY (William).

Epitome of chemistry. Third edition. London, 1803. 44 + 280 p.

Same. Fourth edition. London, 1806. 16 + 30 + 416 + 68 p. + 8 pl.

Elements of experimental chemistry. Sixth edition [of Epitome of chemistry]. London, 1810. 2 vol., 9 pl.

Same. Ninth edition. London, 1823. 2 vol., 10 pl.

Same. Eleventh edition. London, 1829. 2 vol., 10 pl.

HENRY (William Charles). *See* DALTON (J.), Memoirs of life and scientific researches, by W. C. H., 1854.

HENSLOW (Rev. John Stevens).

Dictionary of botanical terms. New ed. Lond., [1858?]. 4 + 218 p.

See also OLIVER (D.), Lessons in elementary botany, 2nd ed., 1869.

HENSMANN (Henry). Civil engineering and machinery. (*In* SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of the Great Exhibition, 1st ser., 1852, p. 403–40.)

Hepaticæ.

HARDWICKE'S science-gossip easy guide to British hepaticæ, by M. C. Cooke, [186—].

HOLMES (E. M.), Scale mosses and liverworts of Devon and Cornwall, [1868–9?].

Herbal. *See Botany.*

HERBERGER (J. Eduard). *See Jahrbuch für practische Pharmacie,* 1838–47.

HERILACUS (Pamphilus). *Aquarum natura et facultates per quinque libros digesta; vinorum et aquarum effectuum invicem comparatorum tractatus; de arthridite et podagra consilium.* Coloniæ, 1591. 64 + 392 + 156 p.

HERINCO (F.). *La vérité sur le prétendu silphion de la Cyrénaïque, silphium cyrenaicum du Laval; ce qu'il est; ce qu'il n'est pas; [avec Voyage en Cyrénaïque par J. Daveau].* Deuxième édition. Paris, 1876. 52 p. + 1 map.

HERLANT (A.). *Étude sur les rapports entre les principes actifs et les caractères botaniques des plantes officinales.* Bruxelles, 1878. 8 p. 2 copies.

HERMANN (Ludimar). *Elements of human physiology; translated from the sixth [German] edition, by A. Gamgee.* Second edition. London, 1878. 14 + 590 + 16 p.

Hermetical triumph, The; or, Victorious philosophical stone, a treatise concerning the hermetical magistry; translated from the French ["Le triomphe hermetique," which consists of "L'ancienne guerre des chevaliers, traduit du Latin," "Entretien," and "Lettre"; the first translated, the last two written, by A. T. Limojon de Saint-Didier]; to which is added, The ancient war of the knights, translated from the German original; also, annotations on points where the two translations differ, done from a German edition. London, 1723. 28 + 140 + 40 p.

Herring. *SOUBEIRAN* (J. L.), *La pêche du hareng,* 1870.

HERSCHEL (Sir John Frederick William). *See GT. BRITAIN AND IRELAND, ADMIRALTY, Manual of scientific enquiry,* 2nd ed., 1851; etc.

HERTWIG (Carl Heinrich). *See ERDMANN* (C. G. H.) & C. H. H., *Thierärztliche Receptirkunde und Pharmakopöe,* 3e Aufl., 1875.

HERVY (Osmin). *See CHEVALLIER* (J. B. A.), *Notice sur la rupture de l'appareil de Thilorier, et sur la mort de H.,* 1841.

HERZOG (C.). *See GEISELER* (T.), C. H., & A. WILMS, *Betrachtungen über den Zustand der deutschen Pharmacie,* 1867.

HESSE-CASSEL. *Pharmacopœa Hassiæ Electoralis potentissimi electoris jussu edita.* Editio altera. Cassellis, 1860. 4 + 446 p.

HÉTET (F[réderic ?]). *La viande des animaux malades au point de vue de l'alimentation publique.* Paris, 1871. 16 p.

HEURNIUS (Joannes). *See HIPPOCRATES, Aphorismes,* 1655.

HEYNE (Christian Gottlob). *See HOMER, Ilias,* 1824.

Hides. *COLLINS* (J.), *Hides and leather,* 2nd ed., 1877.

HIERN (William Philip). *Monograph of ebenaceæ.* Cambridge, 1873. [276] p. + 11 pl.

HIGGINS (Bryan).

Experiments and observations relating to acetous acid, fixable air, dense inflammable air, oils, and fuel; the matter of fire and light, metallic reduction, combustion, fermentation, putrefaction, respiration, and other subjects of chemical philosophy. London, 1786. 16 + 356 p. 2 copies.

See also PRIESTLEY (J.), Philosophical empiricism, 1775.

HIGGINS (W. M.). Introductory treatise on the nature and properties of light, and on optical instruments. London, 1829. 4 + 8 + 176 p.

HIGGINS (William).

Comparative view of the phlogistic and antiphlogistic theories, with inductions; to which is annexed, Analysis of the human calculus, with observations on its origin, etc. London, 1789. 4 + 16 + 316 p. 2 copies, one containing ms. notes.

Essay on the theory and practice of bleaching, wherein the sulphuret of lime is recommended as a substitute for pot-ash. London, 1799. 32 + 72 p.

HIGHLEY's library of science and art. *See* SCHACHT (H.).

HILDRETH (Sam Prescott). *See* SMITHSONIAN INSTITUTION, Results of meteorological observations, 1826-59, by S. P. H., 1868.

HILL (Daniel). Practical observations on the use of oxygen, or vital air, in the cure of diseases; [also] Experiments on the vegetation of plants. Second edition. Lond., 1820. 8 + 102 p. + 5 pl.

HILL (Sir John).

Review of the works [*i.e.* Philosophical transactions] of the Royal Society. Second edition. London, 1780. 8 + 268 p.

Family herbal; account of English plants, and of drugs produced by vegetables of other countries, with their uses. Bungay, 1812. 8 + 40 + 376 p. + 54 col. pl. *

Himalaya. CLEGHORN (H. F. C.), Report upon the forests, 1864.

Hindostan. *See* INDIA.

Hip-joint. UNITED STATES OF AMERICA, SURGEON-GENERAL'S OFFICE, Report [by G. A. Otis] on amputations in military surgery, 1867.

HIPPOCRATES.

Aphorismes, with short comment out of Galen, Heurnius, Fuchsius, etc.; [also, Life of Hippocrates, by Soranus, and oath]. London, 1655. 22 + 180 p. + por.

Upon air, water, and situation; upon epidemical diseases; and upon prognosticks, in acute cases especially; [with] Thucydides's Account of the Plague of Athens; [Life of H., from Soranus, and oath;] translated, methodis'd, and illustrated with notes, by F. Clifton. Lond., 1734. 8 + 42 + 490 p. + por.

See also TACHENIUS (O.), Hippocrates chymicus, 1677; 1690.

HIPPOCRATES & C. GALEN. *Opera*; R. Charterius plurima interpretatus, universa emendavit, instauravit, notavit, auxit, digessit conjunctim Græce et Latine primus edidit; [H. vita ex Sorsano; G. biographia ex Charterio]. Lutetiae Parisiorum, 16[38–89]. 13 v. in 8.

Note.—Vol. 10 wants title-page and p. 1–396.

HIRSCH (B.). *See* WOLFF (E.) & B. H., *Die Prüfung der Arzneimittel*, 1866.

HIRSCHSOHN (Eduard).

Vergleichende Untersuchungen der wichtigeren im Handel vor kommenden Sorten des Galbanum- und Ammoniakgummis; [nebst Anhang über Sagapen und Opoponax. St. Petersburg, 1875]. 76 p., n. t.-p.

Fr. *Étude comparative du galbanum et de la gomme ammoniaque, suivie de quelques considérations sur l'opoponax et le sagapénium*; tr. de l'allemand par J. Morel. Gand, 1876. 80 p.

Beiträge zur Chemie der wichtigeren Harze, Gummiharze und Balsame; Dissertation. St. Petersburg, 1877. 4 + 48 p. (Kaiserliche Universität Dorpat.)

Beiträge zur Chemie der wichtigeren Gummiharze, Harze und Balsame. [Halle, 1877–8.] 116 + 70 p., n. t.-p. (Kaiserliche Universität Dorpat, Untersuchungen.)

Über Calcaria phosphorica. [St. Petersburg, 1877.] 12 p., n. t.-p. The behaviour of dialyzed iron towards arsenious acid. New York, 1878. 16 p.

HIRTIUS (A.). *See* CÆSAR (C. J.), *Commentarii*, 1578; ed. nova, 1840.

Histology.

QUEKETT (J.), *Lectures on histology*, 1852–4.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, *Descriptive and illustrated catalogue of the histological series in the museum*, 1850–5.

History.

Encyclopædia Britannica, 9th ed., 1875–9. *

MAUNDER (S.), *Treasury of knowledge*, 14th ed., 1843.

Popular encyclopedia or Conversations lex., new ed., [1862?]. *

HOBBES (Thomas). *See* BOYLE (R.), *Tracts, Animadversions*, 1674.

HOCKEN (Edward Augustus).

Treatise on amaurosis and amaurotic affections. London, 1840. 4 + 8 + 360 p.

Essay on the influence of constitution, in the production of disease. London, 1841. 2 + 12 + 64 p.

Exposition of the pathology of hysteria: elucidated by a reference to the origin, diagnosis, symptomatology, pathology, and treatment of hysterical amaurosis. London, 1842. 2 + 32 p.

Complete condensed practical treatise on ophthalmic medicine. London, 1844. Pt. 1.

- HOCKEN (Edward Augustus)—*continued.*
- On the comparative value of the preparations of mercury and iodine in the treatment of syphilis. [Edinburgh, 1844?] 48 p., *n. t.-p.*
- Practical enquiry into the value of medicinal naphtha in tubercular phthisis. London, 1844. 4+8+72 p.
- HODGSON (W. B.). On the importance of the study of economic science as a branch of education. (*In ROYAL INSTITUTION OF GREAT BRITAIN, Lectures on education, 1855, p. 261–316.*)
- HOENE (Johannes). Über die Anwesenheit der Gallensäuren im physiologischen Harne; Dissertation. Dorpat, 1873. 74 p. (Kaiserliche Universität Dorpat.)
- HOFFMANN (C.). *See Jahrbuch für practische Pharmacie, 1848–9.*
- HOFFMANN (Christian). Paper on the eucalypts of Australia; [with notes on essential oils from certain indigenous Victorian plants]. Montreal, 1873. 40 p. + 2 pl.
- HOFFMANN (Friedrich).
- Observationum physico-chymicarum selectiorum libri tres; in quibus multa curiosa experimenta et lectissimæ virtutis medicamenta exhibentur. Halæ, 1736. 24+368 p.
- Medicinae rationalis systematicæ tomus quartus pars quinta. Halæ Magdeburgicæ, 1739. 8+320 p.
- HOFFMEYER (F.). *See Pharmaceutisk Tidende, 1861–3.*
- HOFMANN (August Wilhelm).
- Introduction to modern chemistry, experimental and theoretic. London, 1866. 16+234 p.
- See also Annalen der Chemie und Pharmacie, 1874–9.*
- See also BUFF (H.), Familar letters on physics of the earth, 1851.*
- See also FOWNES (G.), Manual of chem., 5 ed., 1854; 9 ed., 1863.*
- See also GREAT BRITAIN & IRELAND, COMMISSIONERS FOR THE EXHIBITION OF 1862, Jury report on chemical products and processes.*
- See also Jahresbericht über die Fortschritte der reinen ... Chemie, Annual report of the progress of chemistry, etc., [v. for 1847–50].*
- See also LIEBIG (J.v.), Handbook of organic analysis, 1853;—Life-work of Liebig in experimental and philosophic chemistry, 1876.*
- HOFMANN (J. P.). Acht Tafeln zur Beschreibung des chemischen Laboratoriums zu Giessen. Heidelberg, 1842.
- HOFMOKL (J.). *See Jahresbericht der chirurgischen Klinik, 1871.*
- HOGAN (Rev. Arthur R.). *See Natural history review, 1859.*
- HOGG (Jabez).
- Colour blindness. London, 1863. 16 p. + 1 col. pl.
- Manual of ophthalmoscopic surgery. Third edition. London, 1863. 12+296 p.
- Further observations on the vegetable parasites, particularly those infesting the human skin. [London, 1866.] 16 p. + 2 pl., *n. t.-p*

HOGG (Jabez)—*continued.*

- The microscope: its history, construction, and application. New edition. London, [1867?]. 20 + 762 p. + 8 col. pl. + 1 pl.
- The lingual membrane of mollusca, and its value in classification. [London, 1868.] 22 p. + 6 col. pl., *n. t.-p.*
- Cataract, and its treatment. London, 1869. 6 + 36 p. + 1 col. pl.
- On gnats' scales. [London, 1871.] [4] p. + 1 pl., *n. t.-p.*
- Mycetoma: the fungus-foot disease of India. [London,] 1872. [4] p. + 1 col. pl., *n. t.-p.*
- Skin diseases, an inquiry into their parasitic origin, and connection with eye affections; also the fungoid or germ theory of cholera. London, 1873. 6 + 2 + 108 p.
- Impairment, or loss of vision, from spinal concussion, or shock. London, 1876. 44 p. + 1 pl.
- Sur les erreurs d'interprétation ayant rapport spécialement à l'examen des écailles d'insectes; traduit du ms. original par H. J. Miller. [Bruxelles, 1876?] 14 p., *n. t.-p.*
- The cure of cataract and other eye affections; treatment of lenticular opacities. London, 1878. 4 + 2 + 96 p. + 1 col. pl.
- Inflammation of the eye and injuries to health by arsenical wallpaper poisoning. London, 1879. 24 p.
- HOGG (Robert). *See NOTCUTT (W.L.), Handbook of Brit. plants, 1870.*
- HOGG (Walter Douglas). De l'usage thérapeutique de l'acide salicylique, ses composés, et accessoirement de la salicine; [thèse. Paris,] 1877. 104 p. + 2 tab. (Faculté de médecine de Paris.)
- Holland. *See Netherlands.*
- Holland, New. *See Australia.*
- HOLLAND (Philémon). *See PLINIUS secundus (C.), Historie, 1601.*
- HOLLINGSHEAD (John). *See GREAT BRITAIN AND IRELAND, COMMISSIONERS FOR THE EXHIBITION OF 1862, Internat. Exhib. catalogue.*
- HOLMES (Edward Morell).
- Scale mosses and liverworts of Devon and Cornwall; [also lichens. Plymouth, 1868-9?] 40 p.
- Holmes' botanical note book or practical guide to a knowledge of botany. London, 1878. 6 + 186 p., partly interleaved.
- Cryptogamic flora of Kent: lichens. [Lond., 1878.] 28 p., *n. t.-p.*
See also PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Catalogue of the museum, 1878;—Universal Exhibition report, 1878.
- & F. BRENT. Mosses of Devon and Cornwall. [Plymouth, 1868-9?] 32 p.
- HOLMES (F. H.). Holmes' magneto-electric light, as applicable to lighthouses. [London, 1863?] 34 + 10 + 2 p. + 1 pl.
- HOLMESDALE NATURAL HISTORY CLUB, Reigate. *See SALMON (J. D.).*
- Home tour. *See HEAD (G.), 1836-7.*

HOMER. *Ilias, ad novissimæ [C. G.] Heynii editionis textum expressa.* [Gr.] Londini, 1824. 2 + 458 p.

Homœopathy.

BRITISH HOMŒOPATHIC SOCIETY, *British homœopathic pharmacopœia*, 1870; 2nd ed., 1876.

DORVAULT (F. L. M.), *L'Officine, répertoire général de pharmacie, etc.*, 1844; 3me éd., 1850; 6me éd., 1866; 8me éd., 1872.

HAGER (H.), [*Pharmacopœa homœopathica nova,*] 1861.

HAHNEMANN (S. C. F.), *Homœopathic medical doctrine*, 1833.

HUGHES (R.), *Manual of pharmacodynamics*, 3rd ed., 1875-6.

JAHR (G. H. G.), *New homœop. pharmacopœia and posology*, 1842.

QUIN (F. F.), *Du traitement homœopathique du choléra*, 1832.

SOCIÉTÉ DE MEDECINS, *Bibliothèque homœopathique*, 1833-5.

HÖNE (Johannes). *See HOENE.*

Hongkong.

GREAT BRITAIN AND IRELAND, COLONIAL OFFICE, *Flora Hongkongensis*, by G. Bentham, 1861.

HANCE (H. F.), *Floræ Hongkongensis prostheke*, 1872.

HOOKER (Lady Frances Harriet). *See LE MAOUT (E.) & J. DECAISNE, General system of botany*, transl. by Mrs. H., 2nd thousand, 1876.

HOOKER (Sir Joseph Dalton).

Student's flora of the British Islands. London, 1870. 20 + 508 p.
Same. Second edition. London, 1878. 20 + 540 p.

See also GREAT BRITAIN AND IRELAND, COMMISSIONERS OF WORKS, Report on the royal gardens at Kew during 1877.

See also GREAT BRITAIN AND IRELAND, INDIA OFFICE, Flora of British India, by J. D. H., etc., 1872-9.

See also LE MAOUT (E.) & J. DECAISNE, General system of botany, with additions by J. D. H., 2nd thousand, 1876.

See also THWAITES (G. H. K.) & J. D. H., Enumeratio plantarum Zeylaniae, enumeration of Ceylon plants, 1858-64.

— & G. BENTHAM.

Flora Nigritiana; catalogue of plants of the river Niger, the island of Fernando Po, and adjacent parts of western tropical Africa; from the collections of [J. R.] T. Vogel, G. Don, etc. (In HOOKER, W. J., *Niger flora*, 1849, p. 199-577.)

See also BENTHAM (G.) & J. D. H., Genera plantarum, 1862-76.

HOOKER (Sir William Jackson).

British flora; comprising the phœnogamous or flowering plants, and the ferns. Fourth edition. London, 1838. Vol. 1, 4 pl.

Same. Sixth edition, by W. J. H., and G. A. Walker Arnott. London, 1850. [Vol. 1,] 12 col. pl.

Same. Vol. 2; cryptogamia. (In SMITH, J. E., *English flora*, 1838-6, vol. 5, pts. 1-2.)

HOOKER (*Sir William Jackson*)—*continued.*

London journal of botany; figures and descriptions of plants, botanical notices, and memoirs. London, 1842–7. Vol. 1–6, pl. Hooker's journal of botany, and Kew Gardens miscellany; edited by W. J. H. London, 1849–57. 9 vol., pl.

Niger flora; enumeration of plants of western tropical Africa, collected by [J. R.] T. Vogel in 1841; including Spicilegia Gorgonea, [plants of Cape de Verd Islands,] by P. B. Webb, and Flora Nigritiana, by J. D. Hooker and G. Bentham; with sketch of the life of Dr. Vogel. London, 1849. 16 + 592 p. + 1 map + [45] pl.

See also WOODVILLE (W.), Medical botany, 3rd ed., 1832.

HOOPER (Robert).

Lexicon medicum; or, Medical dictionary. Fourth edition, London, 1820. 8 + 954 p.

Same. Eighth edition, by K. Grant. London, 1848. 6 + 1392 p. Physician's vade mecum. Seventh edition, by W. A. Guy and J. Harley. London, 1864. 20 + 792 p.

Hop. MEYKE (W.), Beiträge zur Ermittelung einiger Hopfen-Surrogate im Biere, 1878.

HOPE (John). *See* ALSTON (C.), Lectures on materia medica, 1770.

HOPE (William). Practical chemist's pocket guide; easy introduction to the study of chemistry. Glasgow, 1845. 6 + 188 p.

HOPKINS (John Baker). *See* Technologist, 1867.

HOPSON (Charles Rivington). *See* WIEGLEB (J. C.), General system of chemistry, 1789.

HORANINOW (Paul). Prodromus monographiæ scitaminearum, additis nonnullis de phytographia, de monocotyleis et orchideis. Petropoli, 1862. 2 + 46 p. + 4 pl. *

HÖRBYE (Dr.). *See* EBBESEN & H., Sulphureous bath, 1862.

Hornschuchia. MARTIUS (C. F. P. v.), Über die Pflanzengattungen Hornschuchia und ihre Stellung im natürlichen Systeme, 1856.

Horse. (*See also* Veterinary art.)

BOURGOIN (E. A.), Hygiène publique, de l'alimentation ... dans une ville assiégée et en particulier de la viande de cheval, 1870.

CLARK (Bracy). *See* sundry pamphlets under this author's name.

Horse-chestnut. *See* *Æsculus hippocastanum*.

HORSLEY (John). Toxicologist's guide: new manual on poisons. London, 1866. 2 + 76 p. + 1 col. pl.

Horticulture. (*See also* Agriculture;—Botany;—Gardens, etc.)

AGRICULTURAL AND HORTICULTURAL SOC. OF INDIA, Journal, 1857.

BURBIDGE (F. W.), Cultivated plants, their propagation, etc., 1877.

DECAISNE (J.) & C. NAUDIN, Handbook of hardy trees, shrubs, and herbaceous plants, by W. B. Hemsley, 1877.

Horticulture—continued.

- EVELYN (J.), *Silva or forest-trees, Terra [or] earth, Pomona or fruit trees, Acetaria or sallets, Kalendarium hortense*, 1706.
- INTERNATIONAL HORTICULTURAL EXHIBITION, *London*, Report, 1866.
- MILLER (P.), *Abridgement of Gardener's dictionary*, 5th ed., 1763.
- PARKINSON (J.), *Paradisi in sole paradisus terrestris*, 1629.
- REALE SOCIETÀ TOSCANA DI ORTICOLTURA, *Florence*, (see).
- Hortus.** *See Botany ;—Gardens ;—Horticulture.*
- Hosiery.** FELKIN (W.), *Hosiery and lace*, 2nd ed., 1877.
- HOSPITAL FOR CONSUMPTION AND DISEASES OF THE CHEST, London.**
- Pharmacopœia ad usum Nosocomii Phthisicorum et Pectoris Morbis Ægrotantium accommodata. Londini, 1848. 36 p.
- HOSPITAL FOR DISEASES OF THE THROAT, London.**
- Pharmacopœia ; ed. by M. Mackenzie. London, 1872. 8 + 100 p.
- Same.* Second edition. London, 1873. 12 + 100 p.
- Same.* Third edition. London, 1876. 16 + 112 p.
- Hospitals, Dispensaries, Infirmaries, etc.** (*For individual institutions, see the first word, not an article, of the title of the institution, or a reference under the place where it is situate.*)
- BOUCHARDAT (A.), *Nouveau formulaire magistral, précédé d'une notice sur les hôpitaux de Paris*, 2me éd., 1843 ; 17me éd., 1872.
- BRITISH MEDICAL ASSOCIATION, *London*, Report upon the Manchester and Salford Provident Dispensaries Association, 1878.
- EDWARDS (H. M.) & P. VAVASSEUR, *Nouveau formulaire des hôpitaux, contenant [une notice sur les hôpitaux de Paris]*, 4me éd., par [L.] Mialhe, 1841.
- Eng., *Universal pharmacopœia*, 3rd ed., by M. Ryan, 1839.
- FOY (F.), *Formulaire des médecins, contenant formules des hôpitaux*, 4me éd., 1843.
- NEW YORK (City of), DEPARTMENT OF PUBLIC CHARITIES, Hospital formulary, 1878.
- PARKINSON (Ja.), *Hospital pupil*, 1800 ; 2nd ed., 1817.
- RATIER (F. S.), *Formulaire des hôpitaux civils de Paris*, 1823.
- SOCIETY FOR THE EXTENSION OF DISPENSARIES ON THE SELF-SUPPORTING PRINCIPLE, *Warwick*, Statement of objects and rules, 1858.
- SQUIRE (P.), *Pharmacopœias of London hospitals*, 1863 ; 2nd ed., 1869 ; 3rd ed., 1874 ; 4th ed., [including Dublin hospitals,] 1879.
- UNITED STATES OF AMERICA, ARMY MEDICAL DEPARTMENT, [Pamphlets in connection with exhibit, Internat. Exhib., 1876,] 2, Description of models of hosp. cars, 3, Description of models of hospitals, 4, Description of models of hosp. steam-vessels.
- SURGEON GENERAL'S OFFICE, Report [by J. S. Billings], on barracks and hospitals, etc., 1870.
- HOUGH (Franklin B.). *See UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE*, Report upon forestry, by F. B. H., 1878.

HOUSTON (Hugh). *See* LITTELL (S.), Manual of diseases of the eye, revised by H. H., 1840.

HOWARD (John Eliot).

Examination of Pavon's collection of Peruvian barks contained in the British Museum. London, 1853. 6 + 4 + 84 p.

Illustrations of the Nueva quinologia of Pavon; with coloured plates by W. Fitch, and observations on the barks described. London, 18[59-]62. [172] p. + 30 col. pl. *

Quinology of the East Indian plantations. London, 1869-76. Pts. 1-3 in 2 vol., 13 col. pl., 2 pl., 2 phot. *

HOWSE (Henry G.). *See* GUY'S HOSPITAL, Reports, 1874-8.

HUDSON (J.). *See* LINK (H. F.), Report on the progress of physiological botany during 1842-3.

HUFELAND (Christoph Wilhelm v.). L'art de prolonger la vie de l'homme; par C. F. H.; traduit de l'allemand, sur la seconde édition, par A. J. L. Jourdan. Paris, 1824. 4 + 6 + 2 + 436 p.

HUGGINS (William). *See* SCHELLEN (H.), Spectrum analysis, edited, with notes, by W. H., 1872.

HUGHES (Richard). Manual of pharmacodynamics. Third edition, being a course of materia medica delivered at the London Homœopathic Hospital. London, 1875-6. 2 pts., *pagination continuous*.

HUGON (L.). *See* FLÜCKIGER (F. A.) & D. HANBURY, Histoire des drogues, avec figures par L. H., 1878.

HULL (Edward). [Quarries and] Building stones. (*In* BEVAN, G. P., British manufacturing industries, 2nd ed., 1878, Metallic mining, etc., p. 132-56.)

HULL (John).

Dissertatio medica inauguralis de catharticis. Lugduni Batavorum, 1792. 4 + 58 + 6 p. 2 copies.

Defence of the Cesarean operation, with observations on embryulcia, and the section of the symphysis pubis, addressed to W. Simmons. Manchester, [1798 ?]. 230 p. + 7 pl.

Observations on Simmons's Detection, etc., with a defence of the Cesarean operation, a description of the female pelvis, an examination of Dr. [W.] Osborn's opinions relative to embryulcia, and an account of the method of delivery by embryotomy. Manchester, [1798 ?]. 474 p. + 2 tab. + 12 pl.

British flora. Manchester, 1799. 2 pts., *pagination continuous*.

Elements of botany. Manchester, 1800. 2 vol. in 1, 16 pl.

Essay on phlegmatia dolens, including an account of the symptoms, causes and cure of peritonitis puerperalis & conjunctiva, &c. Manchester, 1800. 2 + 370 p.

See also BAUDELOCQUE (J. L.), Two memoirs on the Cesarean operation, translated, 1801.

HULME (Robert Thomas). *See* MOQUIN-TANDON (H. B. A.), Elements of medical zoology, translated, 1861.

HUMAN interests, reflections, etc. *See* SAINSBURY (S.), 1877.

HUMBOLDT (Friedrich Heinrich Alexander von).

Aspects of nature, in different lands and different climates; with scientific elucidations; translated [from the German] by Mrs. Sabine. London, 1850. 2 vol.

Cosmos: a sketch of a physical description of the universe; translated from the German by E. C. Otté, [B. H. Paul, and W. S. Dallas]. London, 1868–71. 5 vol., por.

— & A. BONPLAND. Plantes équinoxiales, recueillies au Mexique, dans l'île [sic] de Cuba, dans les provinces de Caracas, de Cumana et de Barcelone, aux Andes de la Nouvelle-Grenade, de Quito et du Pérou, et sur les bordes du Rio-Negro, de l'Orénoque et de la rivière des Amazones. Paris, 1808–9. 2 tomes, 143 pl. *

Note.—This work is partly in French and partly in Latin; each vol. has also a title in Latin. Vol. 2 wants p. 121–91, and pl. 113–40.

HUMPHREY (S. D.). American handbook of the Daguerreotype: giving methods for preparing the chemicals, and the combinations used in the art: containing the Daguerreotype, electrotype, and other processes employed in taking heliographic impressions. New York, 1853. 144 p.

HUNT (Robert).

Elementary physics; introduction to the study of natural philosophy. London, 1851. 2 + 6 + 486 p. + 1 col. pl.

Manual of photography. Third edition. London, 1853. 2 + 10 + 322 p. + 1 col. pl. (Encyclopædia metropolitana.)

See also URE (A.), Dictionary of arts, manufactures, and mines, 5th ed., 1860; 6th ed., 1872; 7th ed., 1878.

HUNT (T. Sterry). *See* MASSACHUSETTS COLL. OF PHARMACY, Address on relations of chemistry to pharmacy and therapeutics, 1875.

HUNTER (Charles). Report upon some colonial medicinal contributions to the International Exhibition. London, 1863. 10 + 44 p.

HUNTER (G. Yeates). *See* Technologist, 1867.

HUNTER (Henry). *See* EULER (L.), Letters to a German princess, translated, 1795.

HUNTER (John). Memoirs of the life and doctrines of J. H.; by J. Adams. Second edition. London, 1818. 4 + 264 p. + por.

HUNTER (Rev. John). Key to Merrifield's Technical arithmetic and mensuration. London, 1873. 4 + 88 + 4 p. (Text-books of science.)

HUNTINGTON (D. L.). *See* UNITED STATES OF AMERICA, ARMY MEDICAL DEPARTMENT, Pamphlets, International Exhibition, 1876, No. 6 Description of army transport cart.

HUSAIN IBN ABD ALLAH (Abú Álí Al), *called IBN SÍNÁ, or AVICENNA.*
 Avicennæ liber canonis, de medicinis cordialibus, et cantica, jam
 olim a Gerardo Carmonensi ex Arabico sermone in Latinum
 conversa, postea vero ab A. Alpago Bellunensi ... correctioni-
 bus ... factis, nominum Arabicorum ab ipso interpretorum,
 indice decorata; nunc autem demum à B. Rinio Veneto ...
 lucubrationibus illustrata ... ; his accesserunt Avicennæ libellus
 de removendis nocumentis quæ accidunt in regimine sanitatis;
 ejusdem tractatus de syrupo acetoso, ab eodem Alpago ex
 Arabico in Latinum sermonem translati; [item Avicennæ vita
 ex Sorsano à N. Massa Latinitate donata]. Venetiis, 1555.
 6 + 591 + 19 ff., *marginal ms. notes.* *

Note.—The name is given as in the British Museum Catalogue.

Index in Avicennæ libros nuper Venetiis editos ... Julio Palamede
 Adriensi medico auctore. Venetiis, 1557. 76 ff. *

See also JÁBIR IBN HAYYÁN or GEBER, Summa perfectionis, ac ...
 Avicennæ Mineralium additione castigatissima, 1682.

Husbandry. *See Agriculture.*

HUSEMANN (August).

See GMELIN (L.), Handbuch der Chemie, 4e Aufl., 1846-65.

See Jahresbericht über die Fortschritte der Pharmacognosie,
 1868-74.

— & T. HUSEMANN. Die Pflanzenstoffe in chemischer, physiolo-
 gischer, pharmakologischer und toxikologischer Hinsicht. Ber-
 lin, 1871. 8 + 1180 p.

HUSEMANN (Theodor).

See HUSEMANN (A. & T.), Die Pflanzenstoffe, 1871.

See Jahresbericht über die Fortsch. der Pharmacognosie, 1867.

HUSSON (Nicolas). Collection de faits et recueil d'expériences sur
 les effets de l'eau médicinale de H.; [édité par C. Polliard?].
 Deuxième édition. [Paris, 180-?]. 406 p.

HUTCHINSON (John).

New experiments on building materials, in reference to their
 conducting power, dryness, & resistance to the progress of
 fire. London, 1843. 48 p. + 1 pl.

Contributions to vital statistics, obtained by means of a pneumatic
 apparatus for valuing the respiratory powers with relation to
 health. London, 1844. 20 p. + 2 pl.

HUTCHINSON (Jonathan). *See BRITISH MEDICAL ASSOCIATION, British*
medical journal, 1859-60.

HUTCHINSON (William). *See Medical and physical journal, 1818-21.*

HUXHAM (John).

Medical and chemical observations upon antimony. London,
 1756. 4 + 80 p.

HUXHAM (John)—*continued.*

Observations on the air and epidemic diseases from 1728 to 1737 inclusive; with a short dissertation on the Devonshire colic; translated from the Latin. London, 1759. 4 + 38 + 198 + 64 p. + 1 pl. 2 copies, one wanting plate.

Essay on fevers; [Essay on the small-pox; Dissertation on pleurisies and peripneumonies; Method for preserving the health of seamen in long cruises;] to which is now added, Dissertation on the malignant, ulcerous sore-throat. Fourth edition. London, 1764. 16 + 336 p.

HUXLEY (Thomas Henry).

Lessons in elementary physiology. Fourth edition. London, 1870. 24 + 348 p. + 1 pl.

Physiography: an introduction to the study of nature. Ninth thousand. London, 1878. 20 + 384 p. + 5 col. pl.

See also Natural history review, 1861–2.

— & H. N. MARTIN. Course of elementary instruction in practical biology. New edition. London, 1879. 12 + 280 p.

Hyænanche or Hyæna poison. LAMBERT (A. B.), Description, 1797.

Hydrates, Ferric. *See* Iron, Hydrates of.

Hydraulics, Hydrodynamics, and Hydrostatics.

MOSELEY (H.), Treatise on hydrostatics and hydrodynamics, 1830.

SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829–38, v. 1 (*see*).

Hydrocarbon oils. *See* Oils, Hydrocarbon.

Hydrocele. MÉHU (C.), Des liquides de l'hydrocèle, [1875].

Hydrochlorate of narceine. *See* Narceine, Hydrochlorate of.

Hydrocyanic acid.

LEHMANN (E.), Über das Amygdalin und über den Blausäure liefernden Bestandtheil der Faulbaumrinde und der Kirschlorbeerblätter, 1874.

PETIT (A.), Conservation et dosage de l'acide cyanhydrique, 1873.

RALPH (T. S.), Observations and experiments with the microscope on the effects of prussic acid on the animal economy, 1865.

TURNBULL (A.), Treatment of diseases of the eye, by vapour, 1843.

Hydrodynamics. *See* Hydraulics, Hydrodynamics, etc.

Hydrogen. HIGGINS (B.), Experiments and observations relating to acetous acid, ... dense inflammable air, etc., 1786.

Hydrogen, Arseniuretten. CHEVALLIER (J. B. A.), Recherches sur l'hydrogène arsenié, etc., 1839.

Hydrogen, Nascent.

TOMMASI (D.), Nuove prove in conferma alla teoria termica, 1879.

— Sulla non esistenza dell' idrogeno nascente, 1879.

— Sur la non existence de l'hydrogène naissant, 1879.

Hydrology. *See Water.*

Hydrophobia. ROUCHER (C.), *De la rage en Algérie*, 1866.

Hydrostatics. *See Hydraulics, Hydrodynamics, and Hydrostatics.*

Hygiene. *See Health and Hygiene.*

Hymenomycetes. *See Fungi.*

Hyoscyamin. THOREY (E.), *Über die zweckmässigste Darstellungsweise des Hyoscyamins*, 1869.

Hyoscyamus.

HARLEY (J.), *The old vegetable neurotics, hemlock, opium, belladonna, and henbane, their action and use*, 1869.

STORCK (A. v.), *Libellus, quo demonstratur hyosciamum*, 1762.

Hypochondriacism. ALLEN (B.), *Natural history of chalybeat and purging waters of England, with their uses*, 1699.

Hypophosphite of calcium. *See Calcium, Hypophosphite of.*

Hypophosphite of sodium. *See Sodium, Hypophosphite of.*

Hysteria. HOCKEN (E. O.), *Exposition of pathology of hyst.*, 1842.

IBN SÍNA or AVICENNA. *See HUSAIN IBN ĀBD ALLAH (Abú Alí Al).*

Iliad. HOMER, *Ilias*, ad Heynii ed. *textum expressa*, [Gr.,] 1824.

Imagination. HAYGARTH (J.), *Of the imagination, as a cause, and as a cure of disorders of the body*, 1800.

IMPERIAL COLLEGE OF AGRICULTURE, Tokio. Japan: a classified and descriptive catalogue of agricultural products exhibited in the Sydney International Exhibition by the I. C. of A.; [compiled] by E. Kinch. Tokio, 1879. 2 + 66 p.

Imperial gazetteer. *See BLACKIE (W. G.)*, 1860.

INCE (Joseph). *See HANBURY (D.)*, *Science papers, edited, with memoir, by J. I.*, 1876.

Incubation, Artificial. BUCKNELL (W.), *The eccaleobion*, 1839.

Index medicus: monthly classified record of current medical literature of the world; compiled under the supervision of J. S. Billings and R. Fletcher. New York, 1879. No. 1. 2 copies.

INDIA.

See EAST INDIA COMPANY, London.

See GREAT BRITAIN AND IRELAND, INDIA OFFICE, New Zealand Exhibition, list of contributions from India, 1864;—Paris Exhibition, Indian department, catalogue, 1867;—Vienna Exhibition, catalogue of Indian department, 1873.

See MADRAS PRESIDENCY, GENERAL COMMITTEE OF THE MADRAS EXHIBITION OF RAW PRODUCTS, ARTS, AND MANUFACTURES OF SOUTHERN INDIA, Reports by the juries, 1856.

—. **Army.** M'GREGOR (J.), *Medical sketches of the expedition to Egypt, from India*, 1804.

—. **Arts.** ROYLE (J. F.), *Arts and manufactures of Ind.*, 1852.

INDIA—*continued.*

- . **Botany.** (*See also INDIA, Quinology.*)
- CLEGHORN (H. F. C.), General index of Wight's *Icones*, 1856. *
- DRURY (H.), Useful plants of India, 2nd ed., 1873.
- DUTT (U. C.), *Materia medica*, with glossary of Ind. plants, 1877.
- GREAT BRITAIN AND IRELAND, INDIA OFFICE, Index to native and scientific names of Indian and other eastern economic plants and products, by J. F. Watson, 1868. *
- , — Flora of British India, by J. D. Hooker, *etc.*, 1872–9.
- , — Report by M. C. Cooke on gums, resins, oleo-resins, and resinous products in India museum, or produced in India, 1874.
- , — Report by M. C. Cooke on oil seeds and oils, 1876.
- LOUREIRO (J.), *Flora Cochinchinensis, quibus accedunt [plantæ] observatæ in Indiæ locis variis*, 1790.
- OLIVER (D.), First book of Indian botany, 1869.
- WARING (E. J.), Notes on indigenous medical plants, [1860–2].
- WIGHT (R.), *Icones plantarum Indiæ orientalis*, 18[38]–53. *
- . **Caoutchouc acclimatization.** GREAT BRITAIN AND IRELAND, INDIA OFFICE, Report on the caoutchouc of commerce, by J. Collins, with memorandum by D. Brandis, 1872.
- . GOVERNMENT. Official classified and descriptive catalogue of contributions from India to the London Exhibition, forwarded through the central committee for Bengal; compiled by A. M. Dowleans. Calcutta, 1862. 14 + 172 + 8 + 90 + 12 + 4 + 32 p.
- . **Health.** RADCLIFFE LIBRARY, *Oxford*, Catalogue ..., with list of works on I., having ref. to comparative national health, 1877.
- . **Manufactures.** ROYLE (J. F.), *Arts & manuf. of India*, 1852.
- . **Materia medica.** (*See also INDIA, Botany.*)
- AINSLIE (W.), *Materia Indica*, [2 ed. of Mat. med. of Hind.,] 1826.
- BENGAL, MEDICAL DEPARTMENT, Indigenous drugs of India, alphabetical list, by K. L. Dey, [1877 ?].
- DEY (K. L.), Indigenous drugs of India, 1867.
- DUTT (U. C.), *Materia medica of the Hindus*, 1877.
- FRIEDRICH-ALEXANDERS-UNIVERSITÄT ZU ERLANGEN, Die ostindische Rohwaarensammlung der F.-A.-U., von T. W. C. Martius, 1853.
- WARING (E. J.), Notes on some of the indigenous tonics, [1858].
- Notes on some of the indigenous anthelmintics, [1859–60?].
- Notes on some of the indigenous medical plants, [1860–2].
- Contribution to Indian mat. med., inorganic substances, [1862].
- . **Medicine.**
- BONTIUS (J.), *De medicina Indorum*, 1718.
- FOWLER (R.), Medical vocabulary, with Indian words, 2nd ed., 1875.
- . **Pharmacopœia.** GREAT BRITAIN AND IRELAND, INDIA OFFICE, *Pharmacopœia of India*, prepared by E. J. Waring, *etc.*, 1868.

INDIA—*continued.*

—. Quinology.

GREAT BRITAIN AND IRELAND, HOUSE OF COMMONS, East India, Chinchona plant, return, correspondence from 1852-[70].

HOWARD (J. E.), Quinology of the E. Indian plantations, 1869–76. *

KING (G.), Manual of cinchona cultivation in India, 1876.

MARKHAM (C. R.), Travels in Peru and India, 1862.

SOCIÉTÉ D'ACCLIMATATION, Paris, De l'introduction et de l'acclimation des cinchonas dans les Indes néerlandaises et britanniques, [rapport] par J. L. Soubeiran et A. [A.] Delondre, 1868.

SOUBEIRAN (J. L.) & A. A. DELONDRE, De l'acclimation des cinchonas dans les Indes néerlandaises et britanniques, 1867.

WOOD (C. H.), Description of the process used for manufacturing "cinchona febrifuge" at the Sikkim plantations, [1876 ?].

—. Statistics. GREAT BRITAIN AND IRELAND, PARLIAMENT, Statistical abstract relating to British India, 1863–72.

INDIA MUSEUM, London.

See FLÜCKIGER (F. A.), Pharmacognostiche Umschau, 1879.

See GREAT BRITAIN AND IRELAND, INDIA OFFICE.

Indians of Cape Flattery. See SWAN (J. G.), 1870.

Indiarubber. See Caoutchouc.

Indies, East. See INDIA.

Indies, West.

BARHAM (H.), Hortus Americanus, vegetable productions, 1794.

DESCOURTILZ (M. É.), Flore médicale des Antilles, 1821–8. *

GRISEBACH (A. H. R.), Flora of the British West India islands, 1864.

Indigestion. See Digestion and Indigestion.

Industrial instruction and Industries.

BEVAN (G. P.), British manufacturing industries, 2nd ed., 1876–8.

Journal of science, and annals of ... industrial arts, etc., 1879.

KANE (R. J.), Industrial resources of Ireland, 2nd ed., 1845.

PLAYFAIR (L.), Chemical principles involved in the manufactures of the [Great] Exhibition, as indicating the necessity of industrial instruction, 1852.

Infantile disorders.

BUTTER (W.), Treatise on the infantile remittent fever, 1782.

WEATHERHEAD (G. H.), Treatise on rickets and nursing, 1820.

Infirmaries. See Hospitals.

Infusoria. PRITCHARD (A.), History of infusoria, 4th ed., 1861.

INGEN-HOUZ (Jan). Experiments upon vegetables, discovering their great power of purifying the air in the sun-shine, and of injuring it in the shade and at night; to which is joined, a new method of examining the accurate degree of salubrity of the atmosphere. London, 1779. 68 + 320 p. + 1 pl.

INGRAM (Dale). *See* VERDIER, Abstract of anatomy, 1753.

Inhalation.

BEDDOES (T.), Notice of some observations made at the Medical Pneumatic Institution, [Bristol,] 1799.

MACHELL (T.), Remarks on ... a portable inhaler, 1826.

SCUDAMORE (C.), Cases illustrative of the efficacy of various medicines administered by inhalation, 1830.

Injection.

MACHELL (T.), Remarks on ... self-acting injecting apparatus, 1826.

SAINT BARTHOLOMEW'S HOSPITAL, Pharmacopœia, 1773, [with appendix,] ms. *

Inquest. Report of proceedings at an inquest at Emborough, 1865.

Insanity. BUCKNILL (J. C.), Notes on asylums in [N.] America, 1876.

Insects. *See* Entomology.

INSTITUTE OF ACTUARIES OF GREAT BRITAIN AND IRELAND, *London*.

Assurance magazine, and journal of the I. of A. Lond., 1857-67.

Vol. 7, pts. 1-3; v. 9-13; general index to first 10 v.; pl.

Journal of the Institute of Actuaries, and assurance magazine.

London, 186[7]-79. Vol. 14-21; v. 22, pt. 1; pl.

Constitution and laws. [Lond.,] 1864, '69, '71, '73. 4 pam., n.t.-p.

List of members. London, 1864-6; 1869-73; 1879. 8 pam.

INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND, *London*.

Register of fellows and associates. London, 1878-9. 2 pam.

Institutes. *See* the first word, not an article, of the title of each institute; or a reference under the place of head-quarters.

INSTITUTION OF CIVIL ENGINEERS, *London*.

[Minutes of proceedings : containing] Abstracts of papers and conversations for the sessions 1837[-47]. London, [1839-48].

6 vol., pl.

Note.—Each session has a separate title-page and index.

Charter, bye-laws and regulations, and list of members. London, 1879. 116 p.

Institutions. *See* the first word, not an article, of the title of each institution; or a reference under the place of head-quarters.

Intellectual education. WHEWELL (W.), On the influence of the history of science upon intellectual education, 1855.

Intellectual observer: review of natural history, microscopic research, and recreative science. London, 1866-8. Vol. 8, no. 6; v. 9-12; col. pl.

Note.—Merged in the Student and intellectual observer, which see.

Interment and Disinterment.

WALKER (G. A.), Gatherings from grave yards, 1839.

— Grave yards of London, 1841.

— Interment and disinterment, 1843.

INTERNATIONAL ASSOCIATION FOR OBTAINING A UNIFORM DECIMAL SYSTEM OF MEASURES, WEIGHTS, AND COINS, *London.*

Narrative of the origin and formation of the Association; by J. Yates, vice-president. Second edition. London, 1856. 56 p. Memorial on decimal weights; presented to the chancellor of the exchequer. London, 1859. 16 p.

INTERNATIONAL BOTANICAL CONGRESS.

See INTERNATIONAL HORTICULTURAL EXHIB., *London*, Report, 1866.

See REALE SOCIETÀ TOSCANA DI ORTICULTURA, *Florence*, Atti, 1874.

INTERNATIONAL HORTICULTURAL EXHIBITION AND BOTANICAL CONGRESS, *London*. Report of proceedings, [May, 1866]. London, [1867 ?]. 428 p. + 13 pl.

INTERNATIONAL PHARMACEUTICAL CONGRESS, *Paris*, *St. Petersburg*.

Congrès international des associations et sociétés de pharmaciens à Paris, août 1867; compte rendu sommaire. (*See* CONGRÈS PHARMACEUTIQUES RÉUNIS.)

Compte rendu [de la] deuxième session du Congrès international, [1867]. (*See* CONGRÈS PHARMACEUTIQUES RÉUNIS.)

Bericht über den vierten internationalen Congress pharmaceutischer Vereine und Gesellschaften, August, 1874, zu St. Petersburg. [St. Petersburg, 1874.] 46 p.

Note.—The first Congress was held at Brunswick, in 1865; the third at Vienna, in 1869. Reports of these are not in the library.

International scientific series. *See* COOKE (M. C.), Fungi, 1875.

Introduction to the Latin tongue. New edit. Eton, 1827. 192 p.

Inulin. DRAGENDORFF (G.), Materialien zu einer Monographie des Inulins, 1870.

Inventions.

BECKMANN (J.), History of inventions & discoveries, 3rd ed., 1817.

MACHELL (T.), Remarks on inventions important to health, 1806.

Iodides. *See* Arsenic, Iodide of;—Lead, Iodide of.

Iodine.

COGSWELL (C.), Experimental essay on iod. & its compounds, 1837.

DORVAULT (F. L. M.), Iodognosie, monographie chimique, médicale et pharmaceutique, 1850.

DUROY (J. L. P.), Expériences et considérations nouvelles pour servir à l'histoire de l'iode, 1854.

FLÜCKIGER (F. A.), Zersetzung des weissen Präcipitats durch Jod, [1875].

HOCKEN (E. O.), On the comparative value of the preparations of mercury and iodine in syphilis, [1844 ?].

PELLIEUX (J.) & E. ALLARY, Iodométrie, appareil et méthode pour le dosage de l'iode, 1878.

— & A. MAZÉ-LAUNAY, L'industrie française de l'iode, 1878.

Iodoform. RIGHINI (G.), Iodoformognosie, monographie, 1863.

Ipecacuan.

BALFOUR (J. H.), Remarks on the cephælis ipecacuanha, as cultivated in the Royal Botanic Garden, Edinburgh, 1872.

DAUBENTON (L. J. M.), Observations on indigestion, 3rd ed., 1809.

Ipomœa simulans. HANBURY (D.), On a species of ipomœa, yielding Tampico jalap, 1870.

Ireland. (*See also GREAT BRITAIN AND IRELAND, generally.*)

GREAT BRITAIN AND IRELAND, HOUSE OF COMMONS, Municipal corporation boundaries, Ireland, reports and plans, 1837.

—, — Special report on Apothecaries licenses bill, 1874.

KANE (R. J.), Industrial resources of Ireland, 2nd ed., 1845.

LONDON & WEST OF IRELAND FISHING & FISH MANURE CO., Observations on the fisheries, *etc.*, by T. E. Symonds, 6th ed., 1856.

MOORE (W. D.), Outline of history of pharmacy in Ireland, 1848.

PHARMACEUTICAL SOCIETY OF IRELAND, Calendar, 1877-9.

Iris or Orris. FLÜCKIGER (F. A.), Note sur la racine de violette de Vérone, 1877.

Iron.

BLACKWELL (S. H.), Iron-making resources of U. Kingdom, 1853.

DRAPER (H. N.), Manual of medicinal preparations of iron, 1864.

SWEDENBORG (E. SWEDBERG, Baron v.), Some specimens of a work on chemistry, with other treatises [on iron, fire, *etc.*], 1847.

TOMMASI (D.), Ricerche sulle formole di costituzione dei composti ferrici, 1879.

WILLIAMS (W. M.), Iron and steel, 2nd ed., 1876.

ZANICHELLI (J. H.), De ferro ejusque nivis præparatione, 1719.

Iron, Chloride of. TOMMASI (D.), Riduzione del cloruro ferrico, 1878.

Iron, Dialeyzed. HIRSCHSOHN (E.), The behaviour of dialeyzed iron towards arsenious acid, 1878.

Iron, Hydrates of.

TOMMASI (D.), Recherches sur la constitution des hyd., [1879 ?].

— Ricerche sulle formole di costituzione dei composti ferrici, 1879, pt. 1, Idrati ferrici.

Iron, Oxide of. TIERSOT fils (H.), Observations sur l'emploi de l'oxide de fer contre l'empoisonnement par l'acide arsénieux, 1840.

Iron, Salicylate of. WHITE (J. W.), Salicylate of iron, [1879].

Irritation, Counter. GRANVILLE (A. B.), Counter-irritation, 1838.

IRVINE (Alexander). *See Phytologist*, 1855-63.

IRVING (Ralph). Experiments on red and quill Peruvian bark: with observations on its history, operation and uses; and on other subjects connected with the phænomena and doctrines of vegetable astringents; [Harveian prize] diss. Edin., 1785. 4 + 184 p.

Islington. BALLARD (E.), On a local outbreak of typhoid fever, 1871.

Isomorphism. OTTO (F. J.), Upon isomorphism, 1868.

Isopathy. HAGER (H.), [Pharmacopœa homœopathica nova,] Medicamenta homœopathica et isopathica, 1861.

Italian language.

BARETTI (G.), New dictionary of I. and English languages, 1868.*

CHIRCHMAIR (M.), Grammatica spagnuola e italiana, 1734.

SAUER (C. M.), Italian conversation-grammar, 3rd ed., 1874.

VERGANI (A.), Italian and English grammar, new ed., 1820.

ITALY. Botany. WOODS (J.), Tourist's flora, 1868.

—. ROYAL ITALIAN COMMISSION FOR THE DUBLIN EXHIBITION OF 1865. Official catalogue [of exhibits]. Turin, 1865. 12 + 72 p.

ITHEL (Rev. John WILLIAMS AB). See WILLIAMS (J.).

JÁBIR IBN HAYYÁN (Abú Músá), or GEBER. Summa perfectionis magisterii in sua natura; Libri investigationis magisterii et Testamenti; ac Aurei trium verborum libelli [Kallid]; et Avicennæ Mineralium additione castigatissima. Gedani, 1682. 22 + 278 p. + engr. t.-p. + 9 pl.

Note.—The name is given as in the British Museum Catalogue. The engraved title reads: Gebri regis Arabum Chymia; Dantisci, 1682.

Jaborandi.

DOWSE (T. S.), Abbreviated notes on the action of jabor., 1879.

PLANCHON (G.), Sur les caractères et l'origine du jaborandi, 1875.

JACKSON (Benjamin Daydon). See GERARD (J.), Catalogue of plants, with life of the author, by B. D. J., 1876.

JACKSON (Robert Edmund SCORESBY-).

Note-book of *materia medica*, pharmacology, and therapeutics.

Second ed., by A. Macdonald. Edinburgh, 1871. 16 + 686 p.

Same. Third ed., by A. Macdonald. Edin., 1875. 16 + 664 p.

JACKSON (Seguin Henry). Treatise on sympathy. London, 1781. 16 + 274 p.

JACOB (Henry). See LYONS (I.), Scholar's instructor, 4th ed., 1823.

JAHR (G. H. G.). New homœopathic pharmacopœia and posology; transl. [from the French], with additions, by J. Kitchen. Philadelphia, 1842. 22 + 306 p., wanting 8 p., probably not printed.

Jahresbericht der chirurgischen Klinik des Prof. Hofrathes v. Dumreicher in Wien, Schuljahr 1869/70; von J. Hofmokl und E. Albert. Wien, 1871. 2 + 102 p. (See KAISERLICH-KÖNIGLICHE GESELLSCHAFT DER ÄRZTE, Medizinische Jahrbücher, Note.)

Jahrbuch für practische Pharmacie. (See also next page.)

Jahrbuch für practische Pharmacie und verwandte Fächer, herausgegeben von J. E. Herberger, F. L. Winckler, [C. Hoffmann, G. H. Zeller und G. F. Walz]. Kaiserslautern, 1838–40; Landau, 1841–52; Ludwigshafen, 1853. 27 Bd., pl., tab.

Jahrbuch für practische Pharmacie—continued.

Neues Jahrbuch für Pharmacie und verwandte Fächer, herausgegeben von G. F. Walz, F. L. Winckler [und F. Vorwerk]. Speyer, 1854–8; Heidelberg, 1859–62; Speyer, 1863–73. Bd. 1–38; Bd. 39, Heft 1–4; pl.

Note.—This work was the organ of the “Pharmaceutische Gesellschaft Rheinbayerns” (afterwards named “Pfälzische Gesellschaft für Pharmacie und Technik und deren Grundwissenschaften”), from 1838 to 1850; and of the “Pharmaceutischer Verein in Baden”, the “Apotheker-Verein in Hessen” and the “Apotheker-Verein in Wurttemberg” from 1843 to 1850; it was also the “Zeitschrift des allgemeinen deutschen [deutschen] Apotheker-Vereins, Abtheilung Suddeutschland” from 1849 to 1872, and the “Zeitschrift des deutschen Apotheker-Vereins” in 1873: the work was then discontinued. *See also DEUTSCHER APOTHEKER-VEREIN.*

Jahresbericht über die Fortschritte der Chemie, etc. *See Jahresbericht über die Fortschritte der reinen ... Chemie.*

Jahresbericht über die Fortschritte der Pharmacognosie, etc.

Canstatt’s Jahresbericht über die Fortschritte in der Pharmacie und verwandten Wissenschaften in allen Ländern, 1853, [1855, 1857] redigirt von Scherer, Virchow, Eisenmann [und Friedreich]. Würzburg, 1854, 1856, 1858. Jahrg. 13, Abth. 1; Jahrg. 15, Abth. 2; Jahrg. 17, Abth. 1–2; pl.

Jahresbericht über die Fortschritte der Pharmacognosie, Pharmacie und Toxicologie; herausgegeben von [A.] Wiggers, T. [und A.] Husemann [und G. Dragendorff], 1866[–78]. Göttingen, 1867–79. Jahrg. 26–38 (*oder neue Folge, 1–13*) ; pl., tab.

Jahresbericht über die Fortschritte der Physik. *See next entry.*

Jahresbericht über die Fortschritte der reinen, pharmaceutischen und technischen Chemie, etc.

Eng. Annual report of the progress of chemistry, physics, mineralogy, and geology; including the applications of chemistry to pharmacy, medicine, agriculture, the arts, and manufactures; by J. Liebig and H. Kopp; [the volumes for 1847–50 translated from the German, and] edited by A. W. Hofmann, W. De La Rue [and H. B. Jones]. London, 1849–53. 4 vol.

Jahresbericht über die Fortschritte der reinen, pharmaceutischen und technischen Chemie, Physik, Mineralogie, und Geologie; herausgegeben von J. Liebig und H. Kopp; 1851[–6]. Giessen, 1852–8. Bd. 5, Heft 2; Bd. 6–9; Register, 1847 bis 1856.

Jahresbericht über die Fortsch. der Chem. und verwandter Theile anderer Wissenschaften, von H. Kopp, H. Will, [W. Hallwachs und F. Dehn]; 1857[–67]. Giessen, 1858–69. 11 Bd., tab.

Jahresbericht über die Fortschritte der Physik, von F. Zamminer; 1857. Giessen, 1858. 10 + 288 p.

Jalap. (*See also Ipomœa.*)

BATTLEY (R.), Observations on the preparation of ... [jalap, 1838].

Jamaica. (*See also Indies, West.*)

BARHAM (H.), Hortus Americanus, vegetable productions, 1794.

LUNAN (J.), Hortus Jamaicensis, indigenous plants, 1814.

JAMES (Robert).

Pharmacopœia universalis: or, New universal English dispensatory. London, 1747. 32 + 884 p.

Same. Second edition. London, 1752. 8 + 794 p..

Same. Third edition. London, 1764. 8 + 694 p.

JAMESON (Laurence). *See Edinburgh philosophical journal*, 1854.

JAMESON (Robert).

System of mineralogy. Third edition. Edinburgh, 1820. 3 v., 12 pl.

See also Edinburgh philosophical journal, 1819–26; 1854.

JAMIESON (Alexander). Dictionary of mechanical science, arts, manufactures, and miscellaneous knowledge. Seventh edition. London, 1833. 2 + 2 + 4 + 1068 p. + 71 maps and pl.

JANSSENS (Eug.). *See RIGHINI (G.)*, Iodoformognosie, traduit, 1863.

Japan.

IMPERIAL COLLEGE OF AGRICULTURE, Japan, catalogue of agricultural products in the Sydney International Exhib., by E. Kinch, 1879.

SIEBOLD (P. F. v.) & J. G. ZUCCARINI, Flora Japonica, 1835–70.*

JARDINE (Sir William). *See Annals and magazine of natural history.*
See also Edinburgh philosophical journal, 1855–6.

JAUME SAINT-HILAIRE (Jean Henri). Plantes de la France, décrites et peintes d'après nature. Paris, 1808–9. 4 tomes, 400 col. pl.*

Java. GORKOM (K. W. VAN), Cultivation of Chinchoras, 1870.

JEANNEL (J.).

Formulaire officinal et magistral international, suivi d'un mémo-
rial thérapeutique. Paris, 1870. 44 + 976 p.

Same. Deuxième édition. Paris, 1876. 36 + 972 p.

JEFFREYS (Thomas). Remarks on the efficacy of matico as a styptic and astringent. Second edition. London, 1844. 2 + 38 p.

JENKIN (Fleeming). Electricity and magnetism. London, 1873.
24 + 380 + 4 p. (Text-books of science.)

Jersey. LEWIS (S.), Topographical dictionary of England, 2 ed., 1833.

JESSEN (Karl Friedrich Wilhelm). *See PRITZEL (G. A.)*, Thesaurus literaturæ botanicæ, ed. nova, 1872–7.

Jewellery. WALLIS (G.), Jewellery, 2nd ed., 1878.

JOANNES de Mediolano. Schola Salernitana, sive De conservandâ
valetudine præcepta metrica; cum luculentâ et succinctâ Arnoldi
Villanovani in singula capita exegesi; ex recensione Z. Sylvii
Nova editio, melior et aliquot medicis opusculis auctior. Rotero-
dami, 1649. 46 + 530 p. + engr. t.-p.

- JOHANNSON (Casimir). Beiträge zur Kenntniss der Cinchoninresorption; Diss. Dorpat, 1870. 60 p. (Kais. Univ. Dorpat.)
- JOHANNSON (Gust.). See DRAGENDORFF (G.), Beiträge zur Chemie der Päonien, 1879, Note.
- JOHANSON (Edwin). Bestimmung der Alkaloide in den Chinarinden. [Halle, 1877.] 20 p., n.t.-p. (Kaiserliche Universität Dorpat, Untersuchungen.) Zur Kenntniss einzelner chemische Bestandtheile der Weiden und deren pathologischen Gebilde und über einige Reactionen mit Gerbstoffen und denen verwandten Körpern. [Halle, 1878.] 28 p., n. t.-p.
- JOHNS (Rev. C. A.). Forest trees of Britain. London, S.P.C.K., [1869 ?]. 16 + 432 p.
- JOHNSON (C. Pierpoint & Charles). See SOWERBY (John E.), C. J., & C. P. J., British poisonous plants, 2nd ed., 1861.
- JOHNSON (George). On epidemic diarrhoea and cholera: their nature and treatment. London, 1866. 32 p.
- JOHNSON (Henry James). See Medico-chirurgical review, 1842-3.
- JOHNSON (James). Essay on indigestion; or morbid sensibility of the stomach and bowels, as the cause of dyspepsy, etc.; [with] observations on the diseases and regimen of invalids on their return from hot and unhealthy climates. Seventh edition. London, 1831. 8 + 184 p. See also Medico-chirurgical review, 1842-4.
- JOHNSON (James Rawlins). Treatise on the medicinal leech. London, 1816. 12 + 148 p. + 2 pl.
- JOHNSON (Samuel). Dictionary of the English language; [with] history of the language, and an English grammar. Fifth edition. London, 1784. 2 vol. *
- JOHNSON (Samuel W.). How crops grow: a treatise on the chemical composition, structure, and life of the plant, for agricultural students; revised, and adapted for English use, by A. H. Church and W. T. T. Dyer. London, 1869. 16 + 400 p.
- JOHNSON (Thomas). See GERARD (J.), Herball, enlarged, 1633.
- JOHNSON (Will.). See THOMSON (G.), Plano-pnigmos, gag for J., 1665.
- JOHNSTON (George). See Annals and magazine of natural history, s. 2.
- JOHNSTON (James Finlay Weir). Chemistry of common life. Edinburgh, 1856. 2 vol.
- Same. New edition, by A. H. Church. Edin., 1879. 26 + 592 p.
- Elements of agricultural chemistry and geology. Ninth edition. revised and ed. by G. T. Atkinson. Edin., 1871. 14 + 450 p.
- See also MULDER (G. J.), Liebig's question tested, with introd. by J. F. W. J., 1846;—Chem. of veg. and anim. physiology, 1849.
- JOHNSTON (William). See BECKMANN (J.), Hist. of inventions, 1817.

JOLLY (Ld.). *See PAQUELIN (C.) & L. J.*, La matière colorante du sang ne contient pas de fer, 1874;—Contribution à l'étude des phénomènes nutritifs, 1875;—Études de biologie, 1875;—De l'origine de phosphate de chaux éliminé par les voies urinaires et intestinales, et de la valeur de ce phosphate comme agent thérapeutique, 1876;—Des pyrophosphates en thérapeutique, 1877.

JONES (Henry Bence).

See FARADAY (M.), Life and letters of F., by B. J., 1870.

See FOWNES (G.), Manual of elementary chemistry, 5th ed., 1854; 9th ed., 1863.

See Jahresbericht über die Fortschritte der reinen, pharmaceutischen und technischen Chemie, Annual report, vol. for 1849–50.

See MULDER (G. J.), Chemistry of wine, transl. and edited, 1857.

See ROYAL INSTITUTION OF GT. BRITAIN, The R. I., by B. J., 1871.

JONES (John). *Mysteries of opium reveal'd*. London, 1700. 8+372 p. 2 copies.

JONES (Owen). Attempt to define the principles which should regulate the employment of colour in the decorative arts. (*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS*, Lectures on the results of the Great Exhibition, 2nd ser., 1853, p. 253–300.)

JONES (Sydney). *See ST. THOMAS'S HOSPITAL*, Descriptive catalogue of museum, 1859.

JONES (Thomas Rupert). *See GRIFFITH (J. W.) & A. Henfrey*, Micrographic dictionary, 3rd ed., 1875.

JONES (Thomas Rymer).

General outline of the animal kingdom, and manual of comparative anatomy. London, 1841. 16+732 p.

Same. Fourth edition. London, 1871. 46+886 p.

Natural history of animals. London, 1845–52. 2 vol.

JONES (Thomas Wharton). The wisdom and beneficence of the Almighty as displayed in the sense of vision; Actonian prize-treatise. London, 1851. 16+136 p. +1 col. pl.

JOURDAN (Antoine Jacques Louis).

Pharmacopée universelle, ou Conspectus des pharmacopées, des dispensaires, des formulaires, etc. Paris, 1828. 2 tomes.

Same. Seconde édition. Paris, 1840. 2 tomes.

Eng. Pharmacopœia universalis; or, Complete encyclopædia of materia medica in the pharmacopœias, etc.; [translated from the French, and] edited by J. Rennie. London, 1831–3. 2 vol.

Same. Another copy of v. 2, p. 1–576.

Dictionnaire raisonné, étymologique, synonymique et polyglotte des termes usites dans les sciences naturelles. Paris, 1834. 2 t.*

See also BERZELIUS (J. J.), Traité de chimie, 1829; n. éd., 1840.

See also HUFELAND (C. W. v.), L'art de prolonger la vie, tr., 1824.

Journal de chimie médicale, etc.

Journal de chimie médicale, de pharmacie et de toxicologie ; rédigé par Chevallier, Féé, Guibourt, Julia [de] Fontenelle, Laugier, Orfila, Payen, G. Pelletan, Lassaigne, A. Richard, Robinet, Segalas d'Etchepare, [Sérullas, Dumas et Pelouze]. Paris, 1825-34. 10 tomes, pl.

Same. [Deuxième série ;] par les membres de la Société de chimie médicale, [MM. Chevallier, Dumas, Féé, Guibourt, Julia de Fontenelle, Lassaigne, Orfila, Payen, G. Pelletan, Pelouze, A. Richard, Robinet, E. Péligot et Béral]. Paris, 1835-7; 1839-44. Tomes 1-4, 6-10 ; por.

Same. [Troisième série ;] par les membres de la Société de chimie médicale, MM. Béral, Chevallier, Dumas, Féé, Guibourt, Lassaigne, Orfila, Payen, E. Péligot, G. Pelletan, Pelouze, A. Richard [et] S. Robinet. Paris, 1845-7. Tomes 1-3, por.

Same. [Quatrième serie ; par] A. Chevallier, etc. Paris, 1857-64. Tomes 3-10.

Same. [Cinquième série ; par] A. Chevallier, etc. Paris, 1865-70. Tomes 1-6.

Note.—Merged in the Répertoire de pharmacie.

Journal de pharmacie. See SOCIÉTÉ DE PHARMACIE D'ANVERS.

Journal de pharmacie et de chimie.

Bulletin de pharmacie [et des sciences accessoires] ; rédigé par Parmentier, C. L. Cadet, L. A. Planche, P. F. G. Boullay, J. P. Boudet, P. R.-Destouches, [J. J. Virey et J. Pelletier]. Paris, 1809-14. 6 tomes, pl.

Journal de pharmacie et des sciences accessoires ; [deuxième série ; contenant le Bulletin de la Société de pharmacie de Paris ;] rédigé par Cadet, Planche, P. F. G. Boullay, J. P. Boudet, Virey, Pelletier, A. Vogel, [E. J. B. Bouillon-Lagrange, N. L. Vanquelin, N. É. Henry, P. J. Robiquet, A. Bussy, E. Soubeiran, O. Henry, F. Boudet, F. P. Boullay, J. P. Couerbe, L. R. LeCanu, A. G. Vallet, P. A. Cap, A. F. Boutron-Charlard et E. Frémy]. Paris, 1815-4[1]. 27 tomes, pl.

Journal de pharmacie et de chimie ; [troisième série ;] contenant une revue [des] travaux sur les sciences physiques, naturelles, médicales et industrielles ; ainsi que le Bulletin de la Société de pharmacie de Paris [et de la Société d'émulation pour les sciences pharmaceutiques ; par E. J. B. Bouillon-Lagrange, P. F. G. Boullay, J. P. Boudet, J. J. Virey, A. Bussy, E. Soubeiran, O. Henry, F. Boudet, P. A. Cap, A. F. Boutron-Charlard, E. Frémy, C. Gerhardt, N. J. B. G. Guibourt, C. A. Wurtz, C. Bernard, Barreswil, Buignet, Gobley, J. Nicklès, J. L. Soubeiran, Vigla et Poggiale]. Paris, 1842-64. 46 tomes, pl.

Note.—Tome 40 wants p. 161-240.

Journal de pharmacie et de chimie—continued.

Same. Table générale de la troisième série. Paris, 1872.

Same. Quatrième série; [par Boullay, Bussy, Henry, F. Boudet, Cap, Boutron-Charlard, Frémy, Guibourt, Buignet, Gobley, J. L. Soubeiran, Poggiale, Vigla, Nicklès, Regnauld, J. Jungfleisch, Méhu, Lefort, Planchon, Riche et Coulier; contenant les travaux de la Société de pharmacie de Paris, etc.] Paris, 1865–79. 30 tomes, pl.

Journal de pharmacie et des sciences accessoires, 1815–41. *See Journal de pharmacie et de chimie.*

Journal für praktische Chemie; herausgegeben von O. L. Erdmann und G. Werther. Leipzig, 1858–9. Bd. 74, Heft 7–8; Bd. 75–8.

Journal of botany and Kew Garden miscellany, 1849–57. *See HOOKER (W. J.).*

Journal of botany, British and foreign; edited by B. Seemann, [J. G. Baker, H. Trimen, and S. Le M. Moore]. London, 1863–79. Vol. 1–17, (or v. 1–9; new ser., v. 1–8); pl., por.

Journal of eastern Asia; edited by J. Collins. Singapore, 1875. No. 1, 1 pl.; *all published*.

Journal of materia medica, pharmacy, chemistry, &c.; conducted by J. Bates and H. A. Tilden; new series. New Lebanon, N.Y., 1859–62; 1867–76. Vol. 1–2; v. 3, nos. 1–2, 4–6, 11–12; v. 4, nos. 2–3, 7–12; v. 6, nos. 1–11; v. 7; v. 8, nos. 1–7, 9–12; v. 9, nos. 2–3, 5–6, 8–12; v. 10, nos. 1–2, 5–12; v. 11–12; v. 13, nos. 1–2, 4–12; v. 14–15.

Journal of natural philosophy, chemistry, and the arts; by W. Nicholson; [second series]. London, 1802–13. 36 vol., pl.

Note.—Merged in the **Philosophical magazine**, which see.

Journal of science.

Quarterly journal of science; edited by J. Samuelson and W. Crookes. London, 1864. Vol. 1, pl.

Journal of science, and annals of biology, astronomy, geology, industrial arts, manufactures, and technology; monthly, edited by W. Crookes; third series. London, 1879. Vol. 1, pl.

Journal of science, literature, and the arts, 1816–30. *See ROYAL INSTITUTION OF GREAT BRITAIN.*

JOURNEIL (E.). *See CHEVALLIER (J. B. A.), T. GOBLEY, & E. J., Essais sur le vinaigre*, 1843.

Juices, Animal. LIEBIG (J. v.), *Researches on motion of juices*, 1848.

JULIA DE FONTENELLE (Jean Simon Étienne). *See Journal de chimie médicale*, 1825–42.

JULLIEN (André?). Wine merchant's companion and butler's manual; the selection and management of French wines; [transl.] from the French, [by W. H. Hilton]. Lond., 1825. 12 + 108 p.

JUNDZILL (Hippolit). Über die Ermittelung einiger Bitterstoffe im Biere; Diss. Dorpat, 1873. 56 p. (Kais. Universität Dorpat.)
JUNGBERG (C. G.). Svenskt och engelskt handlexikon. [Förbättrad upplaga, af C. G. J., och A. F. Dalin]. Stockholm, [1874?] 4 + 592 p. *

JUNGFLEISCH (J.). See *Journal de pharmacie et de chimie*, 1869–79.
Jurisprudence.

BRIANDE (J.) & E. CHAUDÉ, Manuel complet de médecine légale, contenant un Traité de chimie légale, par J. Bouis, 8me éd., 1869.
CHEVALLIER (J. B. A.), Traité de toxicol. et chimie judiciaire, 1868.
DORVAULT (F. L. M.), L'Officine, contenant ... la pharmacie légale, 1844; 3me éd., 1850; 6me éd., 1866; 8me éd., 1872.
FORSYTH (J. S.), Synopsis of medical jurisprudence, 1829.
GUY (W. A.), Principles of forensic medicine, 1844; 4th ed., 1875.
MAUNDER (S.), Treasury of knowledge, [containing law dictionary,] 14th ed., 1843.
TAYLOR (A. S.), Manual of medical jurisprud., 1844; 7th ed., 1861.
— On poisons, 2nd ed., 1859.; 3rd ed., 1875.
— Principles and practice of medical jurisprudence, 2nd ed., 1873.
JUSSIEU (Adrien DE). Elements of botany; translated [from the French] by J. H. Wilson. London, 1849. 16 + 750 p. + 4 tab.
JUSSIEU (Antoine Laurent DE). See FRANCE, Account of tenia, 1777.
JUST (Leopold). See *Botanischer Jahresbericht*, 1874–9.

KAI SER (Cajetan Georg). See FUCHS (J. N. von), Gesammelte Schriften, redigirt, 1856.

KAI SERLICHE AKADEMIE DER WISSENSCHAFTEN IN WIEN.

Anzeiger; mathematisch-naturwissenschaftliche Classe. Wien, 1864–79. Jahrg. 1–16; wanting no. 19 of Jahrg. 5, 1868.

See also SCHABUS (J.), Bestimmung der Krystallgestalten, 1855.

KAI SERLICHE UNIVERSITÄT ZU DORPAT.

Arbeiten aus dem pharmaceutischen Institut. (See the author.)

DRAGENDORFF (G.), Über die Alkaloide des Delphinium Staphisagria, von Provisor Marquis, [1877?].

— Einige Notizen über Theobromin, [2, Analyse der Zwiebeln von Erythronium dens canis, 1878].

[Dissertationen.] (See the respective authors.)

ARBRE (W. F. DE L'), Über die Verbindungen einzelner Alkaloide mit Gallensäuren, 1871.

BERG (T.), Zur Kenntniss des in der Cetraria islandica vorkommenden Lichenins und jodbläuenden Stoffes, 1872.

BLUMBERG (T.), Ein Beitrag zur Kenntniss der Mutterkorn-Alkaloide, 1878.

BRANDT (A.), Experimentelle Studien über die forensische Chemie der Digitalis und ihrer wirksamen Bestandtheile, 1869.

CHRISTOPHSOHN (J.), Vergleichende Untersuchungen über das Saponin der Wurzel von Gypsophila Struthium, etc., 1874.

KAISERLICHE UNIVERSITAT ZU DORPAT—*continued*[Dissertationen]—*continued*.

- DRAGENDORFF (G.), Chemische Untersuchung über einen an der *Betula alba* und verwandten Arten vorkommenden Pilz, 1864.
- FRICKER (E.), Über die Bestimmung des Morphingehaltes in den Opium-präparaten, 1874.
- GAABE (J.), Untersuchungen über einige Derivate des Pikrotoxins, 1872.
- GUNTHER (N.), Beiträge zur Kenntniss der ... Gerbsäuren, 1871.
- HABERKORN (T.), Das Verhalten von Harnbacterien gegen einige Antisep-tica, 1879.
- HIRSCHSOHN (E.), Beiträge zur Chemie der wichtigeren Harze, *etc.*, 1877.
- HOENE (J.), Über die Anwesenheit der Gallensäuren im physiologischen Harne, 1873.
- JOHANNSON (C.), Beiträge zur Kenntniss der Cinchoninresorption, 1870.
- JUNDZILL (H.), Über die Ermittelung einiger Bitterstoffe im Biere, 1873.
- KEUSSLER (E. v.), Untersuchung der chrysophansäureartigen Substanz der Sennesblätter und der Frangulinsäure, *etc.*, [1879].
- KOCH (C.), Versuche über die chemische Nachweisbarkeit des Curarins in thierischen Flüssigkeiten und Geweben, 1870.
- KONDACKI (C.), Beiträge zur Kenntniss der Aloë, 1874.
- KUBICKI (W.), Beitr. zur Ermittelung fremder Bitterstoffe im Biere, 1873.
- KUBLY (M.), Über das wirksame Princip und einige andere Bestandtheile der Sennesblätter, 1865.
- KÜHN (P.), Ein Beitrag zur Biologie der Bacterien, 1879.
- LEHMANN (E.), Über das Amygdalin in den Fruchtkernen, *etc.*, 1874.
- LIBORIUS (P.), Beiträge zur quantitativen Eiweissbestimmung, 1871.
- MASING (E.), Die Verbindungen des Cantharidins mit anorgan. Basen, 1866.
- MEYKE (W.), Beitr. z. Ermittelung einiger Hopfen-Surrogate im Biere, 1878.
- OTTEN (F.), Vergleichend histiologische Untersuchung der Sarsaparillen aus der pharmacognostischen Sammlung des pharmaceutisches Institut zu Dorpat, *etc.*, 1876.
- RENNARD (E.), Das wirksame Princip im wässerigen Destillate der Can-thariden, 1871.
- SCHMEMANN (B.), Beiträge zu dem gerichtlich-chemischen Nachweis des Kodein's, Thebain's, Papaverin's u. Narcein's in thierischen Flüssigkeiten und Geweben, 1870.
- SPEYER (C.), Beiträge zu dem gerichtlich-chemischen Nachweis des Colchicin's in thierischen Flüssigkeiten und Geweben, 1870.
- STACKMANN (A.), Studien über die Zusammensetzung des Holzes, 1878.
- TARASZKEWICZ (E.), Einige Methoden zur Werthbestimm. der Milch, 1873.
- TOBIEN (A.), Beiträge zur Kenntniss der Veratrum-Alkaloide, 1877.
- TROJANOWSKY (P.), Ein Beitrag zur ... Kenntniss des Cacaos, 1874.
- WEIGELIN (F.), Untersuchung. üb. die Alkaloide der Sabadillsamen, 1871.
- WEYRICH (R.), Ein Beitrag zur Chemie des Thees und Kaffees, 1872.
- ZALEWSKI (P.), Untersuchungen über das Coniin, 1869.
- ZINOFFSKY (O.), Die quantitative Bestimmung des Emetins, *etc.*, 1872.
- Mittheilungen aus dem pharmaceutischen Institut. (*See author.*)
- KRUSE (*Provisor*), Versuch einer ... Analyse der *Rd. Filicis maris*, [1876].
- Untersuchungen aus dem pharmaceutischen Institut. (*See authors.*)
- DRAGENDORFF (G.), Chemische Untersuchung der *Radix Corniolæ* und *Radix Salep*, [2, Beiträge zur Kenntniss des Cantharidins, 3, Mengen-bestimmung einzelner Bestandtheile der Kameelmilch, 1866].
- Beiträge für den gerichtlich-chemischen Nachweis des Morphins und Narkotins in thierischen Flüssigkeiten und Geweben, [1868].

KAISERLICHE UNIVERSITÄT ZU DORPAT—*continued.*Untersuchungen aus dem pharmaceutischen Institut—*continued.*DRAGENDORFF (G.)—*continued.*

— Rhabarberanalysen, [1878].

— Über einige abyssinische Heilmittel, [2, Einige Notizen zur gerichtlichen Chemie, 3, Materialien zu einer chemischen Werthbestimmung der Flores Cinæ, 1878].

— Beiträge zur Chemie der Päonien, 1879.

— ~~&~~ PODWISSOTZKY, Über die wirksamen und einige andere Bestandtheile des Mutterkornes, [1876].

HIRSCHSOHN (E.), Beiträge zur Chemie der wichtigeren Gummiharze, Harze und Balsame, [1877–8].

JOHANSON (E.), Bestimmung der Alkaloïde in den Chinarinden, [1877.]

LEVESIE (O.), Beiträge zur Chemie des Kaffees, von O. L.; [2, Untersuchung des gebrannten Kaffees auf Cichorien, von A. Franz; 3, Über forensisch chemische Nachweisung von Blut in wässrigen Flüssigkeiten, von V. Schwartz, 1876].

LÖWY (J.), Werthbestimmung des Wismuths und des käuflichen Magisterium Bismuthi, [1877].

MARQUIS (E.), Welcher Smilaxsorte gebührt der Vorzug bei Anfertigung der in der Medicin gebräuchlichen Präparate? [1875].

SCHEIBE (E.), Darstellung und Beschreibung der Boreitronensäure und ihrer Salze, [1879].

THOREY (E.), Über die zweckmässigste Darstellungsweise und die Constitution des Hyoscyamins, eventuell über die Beziehungen des Alkaloides zu dem Saltpetergehalte der Pflanze, [1869].

KAISERLICHE UNIVERSITÄT ZU MOSKAU. [Dissertation.] (*See author.*)

FERO (A.), Die augenblicklich im russischen Handel vorkommenden Rhabarbersorten, 1866.

KAISERLICH-KÖNIGLICHE GESELLSCHAFT DER ÄRZTE, Vienna.

Medizinische Jahrbücher; redigirt von S. Stricker. Wien, 1871–3. Jahrg. 1871, Heft 3–4; Jahrg. 1872–3; pl.

Note.—A “Beilage,” entitled “Jahresbericht der chirurgischen Klinik des Prof. Hofrathes v. Dumreicher in Wien, Schuljahr 1869/70, von J. Hofmokl und E. Albert,” was published in 1872.

KALENICZENKO (Jean DE). Notes sur la propylamine et les produits organiques qui la contiennent huile et extrait de foie de morue, et de leur utilité comparative en médecine. Paris, 1870. 82 p.

KALLID, *Rachaidibus*. *See KHÁLID.*

KANE (Sir Robert John).

Elem. of practical pharmacy. Dubl., 1831. 32 + 350 + 14 p. + 5 pl.

Elements of chemistry, including applications of the science to medicine and pharmacy, etc. Dublin, 1842. 20 + 1204 p.

Same. Second edition. Dublin, 1849. 20 + 1070 p.

Industrial resources of Ireland. Second edition. Dublin, 1845.

16 + 438 p. + 4 pl.

See also Philosophical magazine, 1840–79.

KARKEEK (William Floyd). *See Veterinarian*, 1844.

KARSTEN (Hermann [Gustav Karl Wilhelm]).

Die medicinischen Chinarinden Neu-Granada's. Berlin, 1858.

72 p. + 2 pl.

Eng. (*In GREAT BRITAIN AND IRELAND, INDIA OFFICE, Chinchona species of New Granada, by C. R. Markham, 1867, p. 84–134.*)
Floræ Columbiæ terrarumque adjacentium specimina selecta.
Berolini, 1858. Fasc. 1, pl. *

KASTNER (C. W. G.). *See Repertorium für die Pharmacie*, 1822–4.

KATER (Henry) & D. LARDNER. Treatise on mechanics. London, 1830. 10 + 342 p. + 21 pl. (*LARDNER, Cabinet cyclopædia*, vol. 5?)
Note.—Has engr. t.-p.; the other t.-p. and leaf following are wanting.

KAUFFEISEN (Léon). Du m'boundou ou poison d'épreuve du Gabon; [thèse]. Montpellier, 1876. 56 p. (*École supérieure de pharmacie de Montpellier*.)

KAY (William E.). *See LANDAUER (J.), Blowpipe analysis*, 1879.

KAY-SHUTTLEWORTH (Sir Ughtred James). *See SHUTTLEWORTH.*

KEIL[L] (James). Medicina statica Britannica. (*In SANCTORIUS, S., Medicina statica*, 4th ed., by J. Quincy, 1728, p. 321–44.).

KEITH (B.) AND COMPANY. Positive medical agents: treatise on alkaloid, resinoid, and concentrated preparations of indigenous and foreign medical plants; [by G. Coe?] by authority of the American Chemical Institute. New York, 1855. 304 p.

KEITH (Thomas). Complete practical arithmetician. Eleventh edition, by S. Maynard. London, 1834. 24 + 360 p.

KEKULÉ (August). *See Annalen der Chemie und Pharm.*, 1874–9.

KELLAND (Rev. Philip). *See YOUNG (T.), Course of lectures on natural philosophy*, new ed., 1845.

KELLIE (J.). Hints for the cure of [pulmonary] consumption. London, 1860. 30 p.

KELLY (P.). Universal cambist, and commercial instructor: exchanges, weights, and measures. Second ed. Lond., 1835. 2 vol.

KENDRICK (James). *See MORRIS (R.), J. K., & others, Edinburgh medical and physical dictionary*, 1807.

KENNEDY (Benj. Hall). *See VERGILIUS MARO (P.), Bucolica, etc.*, 1876.

KENNEDY (James), M.R.C.S. History of the contagious cholera; with facts explanatory of its origin and laws, and of a rational method of cure. London, 1831. 4 + 16 + 292 p. + map of India.

KENNEDY (James). Paper versus gold-money; or, New system of currency and banking; by Spectator [*pseud.*]. Second edition. Lond., 1847. 2 + 8 + 26 p.; with signature and ms. note of author.

KENRICK (William). Lecture on the perpetual motion, part 1. London, 1771. 2 + 4 + 50 p.

KENSINGTON (E. T.). Chemical composition of foods, waters, soils, minerals, manures, etc. London, 1877. 7 + 11 + 306 p.

- Kent.** HOLMES (E. M.), *Cryptogamic flora, lichens*, [1878].
KENTISH (Richard).
 Essay on sea-bathing, and the internal use of sea-water. London, 1787. 2 + 8 + 72 p. + 1 tab.
- Essay** on the method of studying natural history. London, 1787. 8 + 110 p.
- KERCKRING** (Theodor). See VALENTINUS (B.), *Triumphant chariot of antimony*, with annotations of Kirkringius, 1678.
- Kermès du chêne.** PLANCHON (G.), *Le kermès du chêne*, 1864.
- KERR** (Rev. John). The metric system: its prospects in this country. London, 1863. 32 p.
- KERR** (Robert). See LAVOISIER (A. L.), *Elements of chemistry*, translated, 1790; 3rd ed., 1796.
- KEUSSLER** (Eduard von).
 Zur Formel der Frangulinsäure. [Dorpat, 1877.] 8 p., n. t.-p.
 Untersuchungen der chrysophansäureartigen Substanz der Sennesblätter und der Frangulinsäure, nebst Vergleichung derselben mit der Chrysophansäure des Rhabarbers; Dissertation. [Riga, 1879.] 52 p. (Kaiserliche Universität Dorpat.)
- Kew Royal Gardens.**
 AITON (W.), *Hortus Kewensis*, plants cultivated, 1789.
 BENTHAM (G.) & J. D. HOOKER, *Genera plantarum ad exemplaria imprimis in herbariis Kewensibus servata definita*, 1862–76.
 FLÜCKIGER (F. A.), *Pharmacognostische Umschau*, [1879].
 GREAT BRITAIN & IRELAND, COMMISSIONERS OF WORKS, Report [by J. D. Hooker] on progress and condition of gardens, 1878.
 HOOKER (W. J.), H.'s journal of botany, and Kew Garden miscellany, 1849–57.
- KHÁLID IBN YAZÍD IBN MUÂWIYAT IBN ABÍ SUFYÁN** (Abú Háshim). See JÁBIR IBN HAYYÁN, or GEBER, *Summa perfectionis . . . ac Aurei trium verborum libelli Kallid*, 1682.
- KIDD** (John). On the adaptation of external nature to the physical condition of man, principally with reference to the supply of his wants, and the exercise of his intellectual faculties. London, 1833. 16 + 376 p. (Bridgewater treatises, 2.)
- Kidney diseases.** BEALE (L. S.), *Kidney diseases, etc.*, 3 ed., 1869.
- KINCH** (Edward). See IMPERIAL COLLEGE OF AGRICULTURE, Japan, catalogue of agricultural products in the Sydney Exhib., 1879.
- KING** (George).
 Manual of cinchona cultivation in India. Calcutta, 1876. 4 + 80 p. + 1 pl.
See also DUTT (U. C.), *Materia medica*, with glossary, 1877.
- KING** (John). American dispensatory. Eighth edition. Cincinnati, 1872. 1440 p.

KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND, *Dublin*.
 Pharmacopœia Collegii Medicorum Regis et Reginæ in Hibernia.
 [Lat.] Dublinii, 1807. 22 + 298 p.

Pharmacopœia of the K. and Q. C. of P. in I. [Third edition or publication.] [Eng.] Dublin, 1850. 46 + 192 p.

Eng. Observations, chemical and practical, on the Dublin pharmacopœia [of 1826], with translation; by F. Barker and W. F. Montgomery. Dublin, 1830. 2 + 18 + 722 p. + 1 pl.

See also—

CHRISTISON (R.), Dispensatory, or Comment., 1842; 2 ed., 1848.

CLARKE (E. G.), Pharmacopœiarum ... conspectus med., 1810.

DUNCAN jun. (A.), Edinburgh new dispensatory, 1803; 2nd ed., 1804; 3rd ed., 1806; 4th ed., 1808; 6th ed., 1811.

GRAVES (R.), Conspectus, 4th ed., 1810.

MOWBRAY (G.), Conspectus of pharmacopœias, 1846-7.

MURRAY (J.), System of mat. med., incl. tr. of pharm., 2 ed., 1813.

NELIGAN (J. M.), Medicines, including conspectus, 3rd ed., 1851.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia officinalis Britannica, by R. Stocker, 1810; 2nd ed., 1816.

— Pharmacopœias of the [3] colleges, tr. by J. Thomson, 1815.

— Lexicon pharmaceuticum, by T. Castle, 2nd ed., 1828.

— Translation of London pharmacopœia, including Dublin and Edinburgh pharmacopœias, by J. B. Nevins, 1851.

— New London pharmacopœia, tr. and arranged with Edinburgh and Dublin pharmacopœias, by P. Squire, 1851.

THOMSON (A. T.), Conspectus, 1810; 11th ed., 1838.

— London dispensatory, 1814; new ed., 1824; 10th ed., 1844; 11th ed., 1852.

Note.—See also sundry English works on Chemistry, *Materia medica*, and Pharmacy, based on the Dublin pharmacopœia.

KING'S COLLEGE, LONDON.

On the advantages of the study of botany to the student of medicine; inaugural address, by R. Bentley. London, 1860. 24 p.

Sketch of the studies of the medical student; introductory address, thirtieth session, by R. Bentley. London, 1861. 18 p.

On education, as illustrated by medical usages and experiences; lecture, at opening of sess., by W. A. Guy. Lond., 1868. 26 p.

Calendar. London, 1870, 1876-8. 4 vol.

Kingston, Canada. *See* BOTANICAL SOCIETY OF CANADA.

KINGZETT (Charles Thomas).

History, products, and processes of the alkali trade. London, 1877. 16 + 248 p. + 4 pl.

Animal chemistry; the relations of chemistry to physiology and pathology. London, 1878. 20 + 496 p.

- Kinkcough. BUTTER (W.), *Treatise on the kinkcough, etc.*, 1773.
- KIRBY (Jeremiah). *Tables of the materia medica, with original and selected formulæ, [and] a table of secondary salts employed in medicine.* Edinburgh, 1805. 16 + 144 p.
- KIRBY (Rev. William). *On the power, wisdom, and goodness of God, as manifested in the creation of animals, and in their history, habits, and instincts.* London, 1835. 2 vol., 20 pl. (Bridge-water treatises, 7.)
- KIRCHMAYER (Matthias). *See CHIRCHMAIR (M.).*
- KIRKPATRICK (James). *See TISSOT (S. A. D.), Advice to the people, translated, 1765; 3rd ed., 1768.*
- KIRKRINGIUS (Theodore). *See KERCKRING (T.).*
- KIRWAN (Richard).
- Elements of mineralogy.* Second ed. London, 1794–6. 2 vol.
See also DICKSON (Ste.), *Essay on chemical nomenclature,* 1796.
See also SCHEELE (C. W.), *Chemical observations on air, etc.,* 1780.
- KITCHEN (James). *See JAHR (G. H. G.), New homœop. pharm.,* 1842.
- KLAPROTH (Martin Heinrich). *Mémoires de chimie, contenant des analyses de minéraux;* traduit de l'allemand par B. M. Tassaert. Paris, 1807. 2 tomes.
- KLEIN (Emanuel). *See Quarterly journal of micros. science,* 1877–9.
- KLETZINSKY (Vincenz). *Die österreichische Landes-Pharmakopöe, fünfte Ausgabe erläutert, [mit verdeutschtem Texte?]. Neue Ausgabe.* Wien, 1860. 14 + 128 + 670 + 52 + 102 p. + 23 tab.
- KLINGER (Fr.). *See ALLGEMEINER ÖSTERREICHISCHER APOTHEKER-VEREIN, Zeitschrift,* 1871–9.
- KNAPMAN (John William). *See PHARMACEUTICAL SOC. OF GT. BRITAIN, Catalogue of library, 2 ed., 1873–4;—List of additions, 1864–78.*
- KNAPP (F. C.).
- Chemical technology; or, Chemistry applied to the arts and manufactures;* [translated from the German,] with additions, by E. Ronalds and T. Richardson. London, 1848–51. 3 vol., 9 pl. (Library of illustrated standard scientific works, 3, 4, 10.)
- Same.* Second edition, by E. Ronalds, T. Richardson, [and H. Watts]. London, 18[55–]67. Vol. 1, pts. 1–5; 13 pl. (Library of illustrated standard scientific works.)
- Pts. 1–2. Fuel and its applications, by Ronalds and Richardson.
- Pts. 3–5. Acids, alkalies, and salts, by Richardson and Watts.
- KNIGHT (Thomas). *Reflections upon catholicons, or universal medicines; with some remarks on the natural heat in animals, and the luminous emanations from human bodies; also the sundry experiments and observations made upon the human calculus rationally consider'd.* London, 1749. 176 p.
- KNOP (Wilhelm). *See Chemisches Central-Blatt,* 1858–60.

KOCH (Carl). Versuche über die chemische Nachweisbarkeit des Curarins in thierischen Flüssigkeiten und Geweben; Dissertation. Dorpat, 1870. 64 p. (Kaiserliche Universität Dorpat.)

KOLBE (Hermann). Ausführliches Lehrbuch der organischen Chemie. (*In GRAHAM-OTTO's Ausführliches Lehrbuch der Chemie*, 3e Aufl., 1854–5, Bd. 3, Lief. 1–5.)

KONDRACKI (Eugen). Beiträge zur Kenntniss der Aloë, und Werthbestimmung ihrer wichtigeren Handelssorten; Dissertation. Dorpat, 1874. 4 + 86 p. (Kaiserliche Universität Dorpat.)

KÖNIG (Charles). *See Annals of botany*, 1805–6.

KÖNIG (J.). Chemie der menschlichen Nahrungs- und Genussmittel. Berlin, 1879–80 [p. 1878–9]. Theil 1–2.

1. Chemische Zusammensetzung der Nahrungs- und Genussmittel.
2. Die Nahrungs- und Genussmittel, ihre Herstellung, Zusammensetzung und Beschaffenheit, ihre Verfälschungen und deren Nachweisung.

KÖNIGLICHE BAYERISCHE AKADEMIE DER WISSENSCHAFTEN, *Munich*.

Gelehrte Anzeigen. München, 1856. Bulletin, Nr. 2, 3, 6.

MARTIUS (C. F. P. v.), Über Montabea, Diclidanthera, Hornschuchia, etc.

Erinnerung an Mitgleider der mathematisch-physikalischen Classe; eine Rede, von v. Martius. München, 1859. 2 + 74 p.

KOPP (Emile).

On the artificial formation of alkaloids; [transl. from the French].

(*In GRAHAM, T., Chemical reports*, 1848, p. 297–322.)

See also SOCIÉTÉ CHIMIQUE DE PARIS, Bulletin, 1864.

KOPP (Hermann).

See Annalen der Chemie und Pharmacie, 1851–79.

See Jahresbericht über die Fortschritte der reinen, pharmaceutischen und technischen Chemie, 1847–62.

KRAUT (Karl). *See LIEBIG (J. v.)*, Handbuch der Chemie, 1846–65.

Kritische Blätter für die Pharmazie und den damit verwandten Wissenschaften; von R. Brandes. Schmalkalden, [1823]; Lemgo, 1826. Bd. 1–2. (*In DEUTSCHER APOTHEKER-VEREIN*, Archiv für die Pharmazie, Bd. 6, 10.)

KRUSE (Provisor). Versuch einer vergleichenden Analyse der in den Monaten April, Juli und October, 1874, in der Umgegend Wolmars gesammelten Rd. Filicis maris. [Halle, 1876.] 10 p., n. t.-p. (Kaiserliche Universität Dorpat, Mittheilungen.)

KUBICKI (Wladislaw). Beiträge zur Ermittelung fremder Bitterstoffe im Biere; Diss. Dorpat, 1873. 42 p. (Kais. Univ. Dorpat.)

KUBLY (Melchior). Über das wirksame Princip und einige andere Bestandtheile der Sennesblätter; [Dissertation.] Dorpat, 1865. 52 p. (Kaiserliche Universität Dorpat.)

KÜHN (Peter). Ein Beitrag zur Biologie der Bacterien; Dissertation. Dorpat, 1879. 56 p. (Kaiserliche Universität Dorpat.)

- KUNTH (Karl Sigismund). *Enumeratio plantarum omnium hucusque cognitarum, adjectis characteribus, differentiis et synonymis.* Stutgardiae et Tubingae, 1833–50. 5 v. in 6 pts., 40 pl. *
- KUNTZE (Otto). *Cinchona; Arten, Hybriden und Cultur der Chininbäume; monographische Studie nach eigenen Beobachtungen in den Anpflanzungen auf Java und im Himalaya.* Leipzig, 1878. 4 + 124 p. + 3 pl.
- KUNZE (Gustav). *See GOEBEL (C. C. T. F.) & G. K., Pharmacentische Waarenkunde, 1827–34.*

L. (J. L.). [Chemico-medical dissertation on mercury. London, 1774?] 128 p., t.-p. w.

LABÉLONYE (C.). *De l'organisation de la pharmacie dans les principaux états de l'Europe.* Paris, 1863. 4 + 260 p.

Laboratory. (*See also works on practical Chemistry;—Giessen.*)

BLOPAM (C. L.), *Lab. teaching*, 1869; 2nd ed., 1871; 3rd ed., 1874.

CHURCH (A. H.), *Laboratory guide*, 1864; 3rd ed., 1874.

Laboratory, The, a weekly record of scientific research, 1867.

SMITH (G.), *Laboratory, or School of arts*, 1756.

THORPE (T. E.) & M. M. P. MUIR, *Qualitative chemical analysis and laboratory practice*, 1874.

Laboratory, The: a weekly record of scientific research; [edited by J. C. Brough]. London, [1867]. Vol. 1, *all published*.

Lace. FELKIN (W.), *Hosiery and lace*, 2nd ed., 1877.

Lactates. PÉTRÉQUIN (J. E.), *De l'emploi thérapeutique des lactates alcalins dans les maladies de l'appareil digestif*, 1864.

Lacteal sac and duct. MONRO sen. (A.), *Anatomy*, 8th ed., 1768.

Lactic acid. DRAGENDORFF (G.), *Über Mannit, etc.*, [1879].

LAFARGE (Marie Fortunée POUCH-). *See POUCH-LAFARGE.*

LALLEMAND (Ludger). *See SOCIÉTÉ MÉDICALE D'ÉMULATION DE PARIS, Recherches sur les moyens à employer contre les accidens déterminés par les inhalations de chloroforme, lu par L. L.*, 1855.

LALLEMAND (MM.).

Dictionnaire françois-latin; corrigé et augmenté par J. E. J. F.

Boinvilliers. Douzième édition. Paris, 1811. 12 + 1374 p.*

See also BOUDOT (J.), Dictionarium Latino-Gallicum, 1810.

LALLEMAND (Ch.). Étude sur l'ergot du diss. Alger, 1863. 20 p.

LAMBERT (Aylmer Bourke). Description of the genus cinchona; [with M.] Vahl's Dissertation; also, a Description of genus hyænanche, or hyæna poison. London, 1797. 12 + 56 p. + 13 pl.

LA MOTTE (Gourley DE). *See FRANCE, Account of the tenia*, 1777.

LAMOTTE-BERTIN (J. A. T. DE). Synthèses chimiques et pharmaceutiques; [thèse?]. Montpellier, 1846. 18 p. (École spéciale de pharmacie de Montpellier.)

Lamp, Safety. *See DAVY (H.), Collected works, 1839–40, vol. 6.*

Lancet, The: [a journal of British and foreign medicine, physiology, surgery, chemistry, public health, etc.; edited by T. and J. G. Wakley]. London, [1823–79.] Vol. 1–[22, 25–6, 29–37, 41–77, 79–117].

Note.—Vol. 1–4 are of the third edition, published in 2 vol. in 1826; vol. 19–20 want title-pages and indexes. See also HASSALL (A. H.).

Lancet, Canada. *See Canada lancet, 1863–4.*

LANDAUER (J.). Blowpipe analysis; authorised English edition, by J. Taylor and W. E. Kay. London, 1879. 12 + 164 p. + 1 col. pl.

LANDERER (Xaverios). *See GREECE, Pharmacopœa, 1837; 1868.*

LANESSAN (J. L. DE).

See BAILLON (H. E.), Dictionnaire de botanique, 1876–9.

See FLÜCKIGER (F. A.) & D. HANBURY, Histoire des drogues, 1878.

LANGRISH (Browne). Physical experiments upon brutes: in order to discover a method of dissolving stone in the bladder, by injections; [also,] Experiments with the lauro-cerasus, in order to investigate its effects on animal bodies, when given in such small doses as not to kill; likewise, Experiments and observations on the fumes of sulphur. London, 1746. 22 + 154 p.

Language. (*See also various languages under their names.*)

LATHAM (R. G.). On the importance of the study of language, 1855.

Languor. WILSON (J. A.), On spasm, languor, palsy, etc., 1843.

LANKESTER (Edwin).

Account of Askern and its mineral springs; with a sketch of the natural history, and a brief topography, of the immediate neighbourhood. London, 1842. 8 + 152 p. + col. map.

See also LINK (H. F.), Report on ... physiol. botany during 1841.

See also Quarterly journal of microscopical science, 1853–71.

See also SCHLEIDEN (M. J.), Principles of scientific botany, 1849.

LANKESTER (Edwin Ray). *See Quarterly journal of microscopical science, 1869–79.*

LANKESTER (Mrs. Phebe). *See SOWERBY (Ja.), English botany, 3rd ed., 1863–72.*

Lantern, Magic. *See MERE PHANTOM, Magic lantern, 1866.*

LARBAUD (Nicolas), [De l'identité d'origine de composition et de propriétés médicales des sources minérales du bassin de Vichy. Riom, 1865.] 24 p., t.-p. w.

L'ARBRE (Wilhelm Franz DE). *See ARBRE (W. F. DE L').*

LARDNER (Rev. Dionysius).

Treatise on heat. London, 1833. 4 + 8 + 432 p. + engr. t.-p. (*In his Cabinet cyclopædia, vol. 39.*)

The steam-engine explained and illustrated; with a memoir of Watt. Seventh edition. London, 1840. 20 + 536 p. + por.

LARDNER (*Rev. Dionysius*)—continued.

Cabinet cyclopædia, conducted by D. L., assisted by literary and scientific men. (*See the respective authors.*)

BREWSTER (D.), Treatise on optics, 1831.

KATER (H.) & D. LARDNER, Treatise on mechanics, 1830.

LARDNER (D.), Treatise on heat, 1833.

POWELL (B.), History of natural philosophy, 1834.

LA RIVE (Auguste DE). Treatise on electricity; translated [from the French] by C. V. Walker. London, 1853–8. 3 vol.

LARKIN (N. J.). Introduction to solid geometry, and to the study of crystallography. London, 1820. 2 + 12 + 140 p. + 4 pl.

LA ROCHE. *See* FRANCE, Codex medicamentarius, 1819.

LARSEN (A.). *See* FERRALL (J. S.) & T. REPP, Danske-norske-engelske Ordbog, 4e Udgave, 1873.

LASSAIGNE (Jean Louis). *See* Journal de chimie méd., 1825–47.

LASSELL (Caroline & Jane). *See* SCHELLEN (H.), Spectrum analysis, translated, 1872.

LASSONE (Joseph Marie François DE). *See* FRANCE, Account of the tenia, 1777.

Late hours of business. DAVIES (T.), Prize essay, 1843.

LATHAM (John). *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia, transl. by T. Healde, revised by J. L., 1791, etc.

LATHAM (Robert Gordon).

On the importance of the study of language as a branch of education. (*In* ROYAL INSTITUTION OF GREAT BRITAIN, Lectures on education, 1855, p. 89–113.)

Elementary English grammar. Twenty-second thousand. London, 1870. 8 + 224 p.

Latin language. (*See also* Bible, Selectæ ... historiæ.)

BOUDOT (J.), Dictionarium Latino-Gallicum, 1810. *

COLET (J.), Rudimenta grammatices, ed. nova, 1849.

COOLEY (A. J.), Pharmaceutical Latin grammar, 1845; [*reprinted*, 1868].

Introduction to the Latin tongue, new ed., 1827.

LALLEMANT (MM.), Dictionnaire universel, françois-latin, 12me éd., 1811. *

LEACH (S. F.), Grammatical introduction to the London pharmacopœia, and physicians' prescriptions, 3rd ed., 1839.

LITTLETON (A.), Linguæ Latinæ liber dictionarius, 5th ed., 1723.*

Public school Latin primer, 1871.

RIDDLE (J. E.), Complete English-Latin and Latin-English dictionary, 2nd ed., 1840–2. *

SMITH (W.), Latin-English dictionary, 8th ed., 1868. *

YOUNG (W.), Lat.-English and Eng.-Lat. dictionary, 7 ed., 1787. *

LATREILLE (Pierre André). *See CUVIER (G. L. C. F. D. DE)*, *Le règne animal*, 1817; nouv. éd., 1829.

LAUGIER (André).

See Annales de chimie, 1808–15.

See Journal de chimie médicale, de pharmacie, etc., 1825–32.

Laurel, Native oil of.

HANCOCK (J.), *Remarks on the siruba, or native oil*, 1830.

— *Notice of the native oil, etc.* [1831 ?].

LAURENCE (John Zachariah). *See Ophthalmic review*, 1864–7.

LAURENT (Auguste). *Chemical method, notation, classification, & nomenclature*; translated [from the French] by W. Odling. [London,] 1855. 24 + 382 p. (Cavendish Society.)

LAUREY (L. A.). *See PIJL (R. VAN DER)*, *Practical grammar of the Dutch language*, 4th ed., 1876.

LAVOISIER (Antoine Laurent).

Traité élémentaire de chimie. Paris, 1789. 2 tomes, 13 pl.

Eng. Elements of chemistry; translated from the French by R. Kerr. Edinburgh, 1790. 50 + 512 p. + 2 tab. + 13 pl.

Same. Third edition. Edin., 1796. 48 + 592 p. + 2 tab. + 13 pl.

See also Annales de chimie.

LAW (George). *See BOUSSINGAULT (J. B. J. D.)*, *Rural economy*, 1845.

Law, Medical. *See Jurisprudence*.

LAWRENCE (William). *See BLUMENBACH (J. F.)*, *Manual of comparative anatomy*, translated, with notes, 2nd ed., 1827.

LAWSON (Henry). *See Popular science review*, 1866–76.

LEACH (S. F.). *Grammatical introduction to the London pharmacopœia, and a key to physicians' prescriptions*. Third edition. London, 1839. 10 + 260 p.

Lead.

GOULARD (T.), *Treatise on the effects and preparations of lead, for chirurgical disorders*, 3rd ed., 1772; new ed., 1777.

PERCY (J.), *Metallurgy of lead*, 1870.

SOCIÉTÉ DE MÉDECINE DE GAND, *Rapport sur les inconvenients que présentent les tuyaux en plomb pour l'aspiration de la bière*, Morel, rapporteur, [1877].

Lead, Iodide of. TOMMASI (D.), *Sur [l'acétate de sodium] un nouveau dissolvant de l'iodure plombique*, 1872.

LEARED (Arthur).

Causes and treatment of imperfect digestion. Second edition. London, 1861. 12 + 218 p.

On the sounds caused by the circulation of the blood. London, 1861. 22 p.

On the successful treatment of flatulence by a novel use of charcoal. London, 1865. 2 + 10 p.

- Leather.** COLLINS (J.), Hides and leather, 2nd ed., 1877.
- Leaves.** BARCK (H.), On the foliation of trees, 1762.
- LE BLANC (Félix).** See SOCIÉTÉ CHIMIQUE DE PARIS, Bulletin, 1861–2, 1864–7;—Répertoire de chimie pure, 1862.
- LE CANU (Louis Réné).**
- Cours complet de pharmacie. Paris, 1842. 2 tomes.
 - See also Journal de pharmacie et de chimie, 1834–9.
- LEE (James).** See LINNÉ (C. v.), Introd. to botany, 2nd ed., 1776.
- Leech, Medicinal.** JOHNSON (J. R.), Treatise, 1816.
- Leechdoms,** wortcunning, and starcraft of early England. See COCKAYNE (T. O.), 1864–6.
- LEEDES (Edward) or LEEDS.** See LUCIAN, Nonnulli è dialogis, 1704.
- Leeds.** See YORKSHIRE COLLEGE.
- LEEDS SCHOOL OF MEDICINE.** Prospectus. (In YORKSHIRE COLLEGE, Calendar, 1877–9.)
- LE FEV'RE (Nicolas or Nicaise?) or Nicasius LE FEBURE.**
- Traité de la chymie. Seconde édition. Paris, 1669. T. 1, 6 pl.
 - Eng. Complete body of chymistry; rendred into English by P. D. C., with additions. London, 1670. 2 vol. in 1, 6 pl.
- LEFORT (Jules).** See Journal de pharmacie et de chimie, 1875–9.
- LEFRANC (Edmond).** Étude botanique, chimique et toxicologique sur l'atractylis gummifera. Paris, 1866. 8 + 72 p.
- LE GUILLON (Dr.).** On dyspepsia, induced by the habitual use of soda-water and artificial seltzer-water, [with notes on the principal springs of Vals. Valence, 1869]. 20 p., t.-p. w.
- LEHMANN (Carl Gotthelf).**
- Lehrbuch der physiologischen Chemie. Leipzig, 1850–2. 3 Bd.
 - Note.—Bd. 1 is of the zweite Auflage.
 - Eng. Physiological chemistry; translated by G. E. Day. London, 1851–4. 3 vol. (Cavendish Society.)
 - Note.—Vol. 1 is translated from the second edition.
 - See also FUNKE (O.), Atlas of physiol. chem., suppl. to L., 1853.
 - See also GMELIN (L.), Handbuch der Chemie, 4e Aufl., 1846–65.
- LEHMANN (Eduard).** Über das Amygdalin in den Fruchtkernen der Kirschen, Pflaumen, Pfirsiche und Äpfel; und über den Blausäure liefernden Bestandtheil der Faulbaumrinde und der Kirschlorbeerblätter; [Dissertation]. Dorpat, 1874. 6 + 28 p. (Kaiserliche Universität Dorpat.)
- LEIBIUS (Adolph).** See ROYAL SOCIETY OF NEW SOUTH WALES, Journal and proceedings, 1879.
- LEICESTERSHIRE ASSOCIATION OF CHEMISTS AND DRUGGISTS.**
- Rules. [Leicester, 184–?] [6] p.
 - See also GODDARD (J.), Chemist's counter companion, 1846.
- Leipsic.** See ALLGEMEINER DEUTSCHER APOTHEKER-CONGRESS, 1848.

LEITHEAD (William).

Electricity; its nature, operation, and importance in the phenomena of the universe. London, 1837. 16 + 400 p.

The cosmical force [or, Electric and magnetic influence]. Alnwick, 1851. 4 + 224 p.

LE MAOUT (Emmanuel) & J. DECAISNE.

Traité général de botanique descriptive et analytique; [avec] 5500 figures par L. Steinheil et A. Riocreux. Paris, 1868. 10 + 746 p.

Eng. General system of botany; with 5500 figures; translated by Mrs. Hooker [edited] with additions by J. D. Hooker. Second thousand. London, 1876. 12 + 1068 p.

LÉMERY (L[ouis?]). Treatise of all sorts of foods, also of drinkables; translated [from the French] by D. Hay. Third edition. London, 1745. 12 + 388 p.

LEMERY (Nicolas).

Cours de chymie, contenant la manière de faire les opérations qui sont en usage dans la médecine. Nouvelle édition, augmentée par M. Baron. Paris, 1756. 6 + 24 + 946 p. + 9 pl.

Eng. Course of chymistry; translated [from the French] by W. Harris. London, 1677. 30 + 340 p.

Same. Second ed., from fifth French. London, 1686. 28 + 564 p.

Appendix to a Course of chymistry; translated [from the French] by W. Harris. London, 1680. 16 + 152 p.

[Dictionnaire, ou] Traité universel des drogues simples. Seconde édition. Paris, 1714. 20 + 984 p. + 25 pl.

Same. Quatrième éd. Rotterdam, 1727. 20 + 648 p., *pl. wanting*.

Pharmacopée universelle, contenant les compositions de pharmacie, un lexicon, etc. Seconde éd. Paris, 1716. 20 + 1138 p.

Same. Quatrième édition. La Haye, 1729. 16 + 806 p., *wanting 2 p. of index*.

Same. Quatrième édition. Amsterdam, 1748. 16 + 782 p.

See also POMET (P.), Compleat history of druggs, 3rd ed., 1737.

LENS (Adrien Jacques DE). *See* MÉRAT (F. V.) & A. J. DE L., Dictionnaire de matière médicale et de thérapeutique, 1829–46.

LÉNSTRÖM (Carl Julius). New practical and easy method of learning the Swedish language, after the manner of M. Meissner. Third edition. London, 1878. 8 + 144 p. (Thimm's series, pt. 6.)

LEONARDUS (Camillus). Speculum lapidum; cui accessit Sympathia septem metallorum ac septem selectorum lapidum ad planetas D. P. Arlensis de Scudalupis. Parisiis, 1610. 42 + 536 p.*

Note.—Pages 241–536 are wanting in print, but they have been supplied in ms. The title-page is engraved, and is followed by an engraved portrait.

LEPAGE (P. H.).

Expériences pour servir à l'histoire chimico-pharmaceutique des feuilles de laurier-cerise, de leur eau distillée, et de celle d'amandes amères. [Paris, 1848.] 20 p., *n. t.-p.*

Quelques faits pour servir à l'histoire chimique et technologique du marron d'Inde. [Rouen, 1855 ?]. 2 + 18 p.

Des propriétés physiques, organoleptiques et chimiques, qui peuvent servir à distinguer les sirops médicamenteux le plus généralement employés. Bruxelles, 1859. 2 + 30 p.

LEPAGE (Richard C.). Papers on the plant *gynocardia odorata*, from which chaulmoogra oil is obtained. 2nd ed. Lond., 1878. 2 + 32 p.

Lepidoptera. (*See also Entomology.*)

STAINTON (H. T.), Insecta Britannica, 1854.

WOOD (W.), Index entomologicus, new ed., 1852. *

Leprosy.

GREAT BRITAIN AND IRELAND, COLONIAL OFFICE, Report on leprosy, by the Royal College of Physicians [of London], 1867.

LISBOA (J. C.), [Papers on leprosy, read 1852 and 1874].

LEROUX. *See France, Codex medicamentarius, 1819.*

LERSCH (B. M.). *See HAMBERG (N. P.) & B. M. L., Die Buntscheider Thermen bei Aachen, [1861 ?].*

LESCHER (Frank Harwood).

Introduction to the elements of pharmacy, or the major and minor examinations [of the Pharm. Soc.]. London, 1869. 7 + 201 p.

Same. Fourth edition. London, 1873. 7 + 201 p.

[The modified examination of the Pharmaceutical Society. London, 1869.] 7 + 73 p., *t.-p. w.*

LE SHE-CHIN. [Pun tsaou kang müh : a work on *materia medica*, in Chinese, originally published about 1596. Modern edition.] 40 keuen.*

Note.—A synopsis of the contents of the above work may be seen in Hanbury's Notes on Chinese *materia medica*, 1862.

LESLIE (P. Dugud). Philosophical inquiry into the cause of animal heat. London, 1778. 8 + 362 p.

LETHEBY (Henry). On food, its varieties, chemical composition, nutritive value, etc. Second edition. London, 1872. 16 + 256 p.

Letter to a physician in the country, on animal-magnetism, with his answer. London, 1786. 4 + 40 p.

LETTSON (John Coakley).

Natural history of the tea-tree, with observations on the medical qualities of tea, and effects of tea-drinking. London, 1772. 8 + 64 p. + 1 col. pl.

History of the origin of medicine [and various arts and sciences, with] historical illustrations. London, 1778. 8 + 168 p. + 1 pl.

LETTSON (John Coakley)—*continued.*

Memoirs of the life and writings of J. C. L., with a selection from his correspondence; by T. J. Pettigrew. London, 1817. Vol. 3. Selections from the medical papers and correspondence of J. C. L.; by T. J. Pettigrew. London, 1817. 36 + 466 p.

Note.—This is also vol. 3 of the Memoirs, with a different t.-p.

See also GENERAL DISPENSARY, Medical memoirs, by J. C. L., 1774.

LEVESIE (Osk.). Beiträge zur Chemie des Kaffees; [Untersuchungen des gebrannten Kaffees auf Cichorien, von A. Franz; Über forensisch chemische Nachweisung von Blut in wässrigen Flüssigkeiten, von V. Schwartz. Halle, 1876]. 30 p., n. t.-p. (Kaiserliche Universität Dorpat, Untersuchungen.)

LEVY (W. Hanks). Blindness and the blind: or, Treatise on the science of typhlogy. London, 1872. 16 + 518 p.

LEWIS (Samuel). Topographical dictionary of England, and the islands of Guernsey, Jersey, and Man. Second edition. London, 1833. 4 vol. + atlas of 45 maps. *

LEWIS (Timothy Richards).

On a hæmatozoon inhabiting human blood: its relation to chyluria and other diseases. Calcutta, 1872. 2 + 50 p.

Pathological significance of nematode hæmatozoa. Calcutta, 1874. 2 + 54 p. + 3 pl.

— & D. D. CUNNINGHAM.

Report of microscopical and physiological researches into the nature of the agent or agents producing cholera. Calcutta, 1872. 4 + 112 p. + 1 col. pl.

Same. Second series. Calcutta, 1874. 2 + 4 + 60 p.

LEWIS (William).

New dispensatory: containing the theory and practice of pharmacy; medicinal simples; translation of London and Edinburgh pharmacopœias; extemporaneous prescriptions; remedies for the poor [or pharmacopœia pauperum, etc.]; intended as a correction and improvement of Quincy. [Anon.] London, 1753. 12 + 32 + 664 p.

Same. Second edition. [Anon.] London, 1765. 12 + 692 p.

Same. Third edition. [Anon.] London, 1770. 12 p. + p. 1-622; remainder wanting.

Same. Fifth edition. London, [1785?]. 16 + 688 p.

Note.—*See also* Edinburgh new dispensatory, an improvement of the New dispensatory, 1788, etc.

Experimental history of the *materia medica*. London, 1761. 2 + 22 + 624 p.

Same. Second edition. London, 1768. 24 + 656 p.

Same. Fourth edition, by J. Aikin. London, 1791. 2 vol. *in 1.*

LEWIS (William)—*continued.*

Complete dictionary of *materia medica*, containing an experimental history, etc. Fourth edition, with additions, by J. Aikin. London, 1810. 2 vol., 5 pl.

Note.—Apparently a reprint of the fourth edition of the Experimental history with new title-page, and plates added.

Commercium philosophico-technicum; or, Philosophical commerce of arts: an attempt to improve arts, trades, and manufactures. London, 1765. Vol. 1, 6 pl.

See also NEUMANN (C.), Chemical works, 1759; 2nd ed., 1773.

See also ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, *Pharmacopœia*, translated by W. L., 1748.

See also WILSON (G.), Course of practical chemistry, 1746.

Lias. BEESLEY (T.), Lias of Fenny Compton, Warwickshire, 1877.

LIBORIUS (Paul). Beiträge zur quantitativen Eiweissbestimmung; Dissertation. Dorpat, 1871. 80 p. (Kaiserl. Univ. Dorpat.)

Libraries, Library Associations, etc.

AMERICAN LIBRARY ASSOCIATION. *See* Library journal, 1876–9.

BATH AND WEST OF ENGLAND SOCIETY FOR THE ENCOURAGEMENT OF AGRICULTURE, etc., Catalogue of books, 1864.

BATH ROYAL LITERARY AND SCIENTIFIC INSTITUTION, Catalogue, 1879.

BIRMINGHAM FREE LIBRARIES, etc., Report, 1871–3, 1876–7.

CHEMICAL SOCIETY OF LONDON, Catalogue of library, 1869; 1874.

CONFERENCE OF LIBRARIANS, *London*, 1877, Transactions, 1878.

[DEWEY (M.),] [Classification and subject index for cataloguing and arranging the books and pamphlets of a library, 1876.]

GREAT BRITAIN & IRELAND, BOARD OF TRADE, Catalogue of lib., 1866.

LIBRARY ASSOC. OF THE UNITED KINGDOM, Transactions, etc., 1878–80.

Library journal, [formerly American library journal,] 1876–9.

LINNEAN SOCIETY OF LONDON, Additions to library, 1855–[75].

LITERARY AND PHILOSOPHICAL SOC. OF MANCHESTER, Catalogue, 1875.

LIVERPOOL CHEMISTS' ASSOC., Transactions, with catalogue, 1859, '69.

MELBOURNE PUBLIC LIBRARY, Catalogue for 1861.

PHARMACEUTICAL SOC. OF GT. BRITAIN, Catalogue, 1853; 1873–4.

— Appendix to Catalogue of the library, 1863.

— List of additions to the library from 1864 to 18[78].

— Catalogue of the library of the North British Branch, 1876.

RADCLIFFE LIBRARY, *Oxford*, Report to R. trustees, 1873–4; 1876.

— Arrangements and regulations of the library, 4th ed., 1877.

— Catalogue of books on natural science to Dec. 1872, 1877.

— Catalogue of books added during 1873[–9].

— Catalogue of transactions, periodicals, etc., 3rd ed., 1876.

— Students' library, selection from the Catalogue, 3rd ed., 1877.

RAFFLES LIBRARY & MUSEUM, *Singapore*, Occasional papers, 1874.

Libraries, Library Associations, etc.,—continued.

- ROYAL COLL. OF SURGEONS OF ENGLAND, Catalogue of lib., 1831–40.
 — Classed catalogue of the books in the library, 1843.
 ROYAL INSTITUTION OF GT. BRIT., New classified catalogue, 1857.
 — Additions to the library from 1857 to 18[78].
 ROYAL MEDICAL AND CHIRURGICAL SOC. OF LONDON, Catalogue, 1879.
 UNITED STATES OF AMERICA, BUREAU OF EDUCATION, Public libraries report, 1876, pt. 2 [by C. A. Cutter].
 UNIVERSITY COLL., LOND., Catalogue of general library, *etc.*, 1879.
 VICTORIAN CHEMISTS' ASSISTANTS' ASSOCIATION, Sixth annual report, with catalogue of library, *etc.*, 1879.

LIBRARY ASSOCIATION OF THE UNITED KINGDOM, London.

- Order of proceedings [at ann. meeting. Lond., 1878–9]. 2 sheets.
 Report of council, *etc.* London, 1878; Manchester, [London printed,] 1879. 2 pamphlets.
 Transactions and proceedings of the first annual meeting at Oxford, October, 1878; edited by H. R. Tedder and E. C. Thomas. London, 1879. 8 + 192 p. + 1 tab.
 Monthly notices. [London, 1880.] Nos. 1–3.
See also Library journal, 1877–9.

Library journal; [official organ of the Library Associations of America and the U. Kingdom]. New York, 187[6]–9. V. 1–4, pl.

Note.—The first twelve numbers are entitled American library journal; the United Kingdom Association is first mentioned on the title of vol. 2. *See also Title-slip registry, 1879.*

Library of illustrated standard scientific works. (See the authors.)

- BERKELEY (M. J.), Introduction to cryptogamic botany, 1857.
 GRAHAM (T.), Elements of chemistry, 2nd ed., 1850–8.
 KNAPP (F. C.), Chemical technology, 1848–51; 2nd ed., 18[55–]67.
 MITCHELL (J.), Manual of practical assaying, 2nd ed., 1854.
 MÜLLER (J.), Principles of physics and meteorology, 1847.
 QUEKETT (J.), Practical treatise on the microscope, 2nd ed., 1852.

Library of reference. See MAUNDER (S.), Treas. of knowledge, 1843.

Library of useful knowledge; natural philosophy. See SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, 1829–38.

Lichenin. BERG (T.), Zur Kenntniss des in der Cetraria islandica vorkommenden Lichenins, 1872.

Lichens.

- HOLMES (E. M.), Scale mosses and liverworts of Devon and Cornwall, [with lichens, 1868–9?].
 — Cryptogamic flora of Kent, lichens, [1878].
 LIDDELL (Henry George) & R. SCOTT. Greek-English lexicon. Sixth edition. Oxford, 1869. 16 + 1866 p. *
 LIEBER (Oscar M.). *See WÖHLER (F.), Analytical chemist's assistant, 1853.*

LIEBIG (Baron Justus von).

Organic chemistry in its applications to agriculture and physiology; edited from the ms. of the author by L. Playfair. London, 1840. 16 + 388 + 4 p.

Same. By L. Playfair and W. Gregory; fourth edition. London, 1847. 12 + 418 p.

Note.—The word "organic" is omitted from the title in this edition.

Animal chemistry, or Organic chemistry in its applications to physiology and pathology; edited from the author's ms. by W. Gregory. London, 1842. 24 + 354 p.

Familiar letters on chemistry: second series; philosophical principles and general laws of the science; edited by J. Gardner. London, 1844. 12 + 218 + 6 p.

Familiar letters on chemistry, in its relations to physiology, dietetics, agriculture, commerce, and political economy. Third [complete] edition. London, 1851. 20 + 536 p.

Same. Fourth edition, by J. Blyth. London, 1859. 16 + 536 p.

Chemistry and physics in relation to physiology and pathology. London, 1846. 4 + 116 p.

Researches on the chemistry of food; edited from the ms. of the author, by W. Gregory. London, 1847. 20 + 156 p.

Researches on the motion of the juices in the animal body; ed. from ms. of author, by W. Gregory. Lond., 1848. 14 + 112 p.

Handbook of organic analysis; [translated from the German, and] edited by A. W. Hofmann. London, 1853. 8 + 136 p.

Letters on modern agriculture; [translated and] edited by J. Blyth. London, 1859. 28 + 284 + 8 p. 2 copies.

Life-work of Liebig in experimental and philosophic chemistry; with allusions to his influence on the development of the collateral sciences and of the useful arts; [Faraday lecture for 1875,] by A. W. Hofmann. London, 1876. 152 p. + por.

See also Annalen der Chemie und Pharmacie, 1843–79.

See also GMELIN (L.), Handbuch der Chemie, 4e Aufl., 1846–65.

See also Jahresbericht über die Fortschritte der reinen, pharmaceutischen und technischen Chemie, 1847–56.

See also MULDER (G. J.), Liebig's question to M. tested, 1846.

See also TURNER (E.), Elem. of chemistry, 6 ed., 1837; 7 ed., 1842.

Life. (*See also* Biography;—Biology.)

BEALE (L. S.), On life and vital action in health and disease, 1875.
— The machinery of life, [1875?]

CHEYNE (G.), Essay of health and long life, 1724.

HUFELAND (C. W. v.), L'art de prolonger la vie de l'homme, 1824.

SEARLE (C.), The why and the wherefore, or, Philosophy of life, health and disease, 1846.

Lifeboats. WASHINGTON (*Capt.*), On naval architecture, *etc.*, 1852.

Light. *See* Optics.

Lighthouses. HOLMES (F. H.), H.'s magneto-electric light, [1863 ?].

Lighting. PATTERSON (R. H.), Gas and lighting, 2nd ed., 1877.

Liguria. FLÜCKIGER (F. A.), Osterferien in Ligurien, 1876;—*Eng.*, Easter holiday in Liguria, 1877.

Lime. *See* Calcium.

LIMOJON DE SAINT-DIDIER (Alexandre Toussaint). *See* Hermetical triumph, translated, 1723.

LIND (James).

Essay on diseases incidental to Europeans in hot climates; with appendix, concerning intermittent fevers; and a way to render sea water fresh, and to prevent a scarcity of provisions in long voyages at sea. Sixth edition. London, 1808. 14 + 402 p.

See also ROYAL NAVAL HOSPITAL, Haslar, Pharmacopœia, Note.

LINDLEY (John).

Natural system of botany; or, Systematic view of the vegetable kingdom; with the uses of the most important species in medicine, the arts, and rural or domestic economy. Second edition. London, 1836. 26 + 526 p.

Flora medica. London, 1838. 16 + 656 p.

Introduction to botany. Third ed. London, 1839. 12 + 594 p.

Synopsis of the British flora, containing vasculares, or flowering plants. Third edition. London, 1841. 8 + 382 p.

School botany; or, Rudiments of botanical science. New edition. London, 1846. 8 + 164 p.

Same. [With] vegetable physiol.; new ed. Lond., 1858. 8 + 184 p.

Same. [With] descriptive botany and vegetable physiology; new edition. London, 1862. 8 + 212 p.

Vegetable kingdom; or, Structure, classification, and uses of plants, illust. upon the natural system. Lond., 1846. 68 + 908 p.

Same. Third edition. London, 1853. 68 + [1002] p.

Elements of botany, structural, physiological, & medical; being a sixth edition of Outlines of first principles; with sketch of artificial methods of classification, and glossary of technical terms; [parts 1-2]. New ed. London, 1849. 12 + 144 + 100 p.

Medical and economical botany; [part 3 of Elements of botany]. London, 1849. 2 + 4 + 274 p.

Substances used as food. (*In* SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of Great Exhibition, 1st ser., 1852, p. 209-42.)

Descriptive botany; or, Art of describing plants correctly in scientific language. London, 1858. 32 p.

Same. (*In his* School botany, new ed., 1862, p. 158-86.)

LINDLEY (John)—*continued.*

See also LOUDON (J. C.), *Encyclopaedia of plants*, 1836.
— & T. MOORE.

Treasury of botany: a popular dictionary of the vegetable kingdom; [incl.] glossary of terms. London, 1866. 2 vol., 20 pl.

Same. New edition. London, 1874. 2 vol., 20 pl. *

LINDSEY (George). Pens and papier mâché; Ammunition—percussion caps and cartridges; Anchors and chain cables. (*In BEVAN, G. P.*, British manufacturing industries, 2nd ed., 1878, Birmingham trades, p. 151–208.)

Linen. CHARLEY (W. T.), *Flax and Linen*, 2nd ed., 1877.

Lingual membrane of mollusca, etc. *See HOGG (J.)*, 1868.

LINK (Heinrich Friedrich).

Report on the progress of physiological botany, during 1841; translated by E. Lankester. (*In RAY SOCIETY*, Reports on zoology and botany, 1845, p. 393–496.)

Report on the progress of physiological botany, 1842–3; transl. by J. Hudson. (*In RAY Soc.*, Reports on botany, 1846, p. 293–440.)

See also LINNÉ (C. v.), *Species plantarum*, 1824–5, t. 6, pt. 1–2.

LINNÉ (Carl von), formerly LINNÆUS.

Materia medica, lib. 1, de plantis. Holmiæ, 1749. 32 + 252 p. + 2 pl.

Eng. Medical, botanical system, transl. (*In WHITLAW, C.*, New med. discoveries, with defence of Linnean doctrine, etc., 1829.)

Oration concerning travelling in one's own country. (*In STILINGFLEET, B.*, Miscellaneous tracts, 2nd ed., 1762, p. 1–35.)

Elements of botany; a translation of Philosophica botanica and other treatises; to which is added, an appendix, wherein are described some plants found in Norfolk and Suffolk, by H. Rose. London, 1775. 12 + 472 p. + 14 pl.

Introduction to botany; extracted from the works of Linnæus.

Third edition, by J. Lee. London, 1776. 24 + 432 p. + 12 pl.

Species plantarum. Editio quarta, post Reichardianam quinta, curante C. L. Willdenow. Berolini, 1797–1830. 6 tomi in 11.

Note.—After tom. 5, pt. 1, the work was continued by F. Schwægrichen, who edited tom. 5, pt. 2, sect. 1, which has a secondary title, “Species muscorum frondosum.” H. F. Link edited tom. 6, pts. 1–2.

Index alphabeticus flicum in Specierum plantarum editione quinta cura Willdenovii. Berolini, 1821. 60 p.

Selection of the correspondence of Linnæus, and other naturalists, from original mss.; by J. E. Smith. London, 1821. 2 vol.

Note.—Memoirs of P. Collinson, J. Ellis, A. Garden, D. C. Solander, J. J. Dillenius, and J. C. Mutis are contained in this work.

See also CULLEN (W.), *Nosology*, 1800.

LINNEAN SOCIETY OF LONDON.

Proceedings, 1838[—75]. London, 1849[—75?].

Note.—The Proceedings were issued separately from 1838 to 1855, in 2 vol.; afterwards as part of the Journal of the proceedings to 1864; then again separately in sessions, without title-pages, to 1875.

Journal of the proceedings. London, 185[5]—79. Botany, vol. 1—17, 4 suppl., pl.; Zoology, vol. 1—14, pl.

Note.—The words "of the proceedings" were omitted after vol. 7.

See also Proceedings, Note.

Additions to the library. [London, 1855—75.]

Note.—The Additions from 1855 to 1866 were issued as part of the Proceedings, and paged with them; from 1866 to 1868, as part of the Proceedings, but separately paged; they were then issued separately to 1875, after which they were discontinued.

Address of T. Bell, president; with obituary notices of deceased members, by J. J. Bennett, secretary; read at the anniversary meeting. London, 1855—7. 3 pam.

List [of fellows and associates. London,] 1871, 1874—8. 6 pam.

Liquids. (*See also* Endosmosis.)

GRAHAM (T.), Supplementary observations on diffusion of I., 1850.

Liquor opii compositus. SQUIBB (E. R.), Report on the U. S. pharmacopœia, Note on rhubarb, ... Liquor opii compositus, 1870.

LISBOA (J. C.). [Papers on leprosy, read 1852 and 1874. Bombay, 1874.] 2 + 42 + 2 + 22 p., t.-p.w.

LISSIGNOL (E.). *See* VICTORIA, REGISTRAR GENERAL, Exposition intercol., progrès de V., 1835—66, par W. H. Archer, trad., 1866.

LIST (Karl). *See* GMELIN (L.), Handbuch der Chemie, 1846—65.

LITERARY AND PHILOSOPHICAL SOCIETY OF MANCHESTER.

Memoirs. London, 1793—1876. Vol. 4—5, 7—25 (or v. 4—5; ser. 2, v. 2—15; ser. 3, v. 1—5); pl., tab.

Proceedings. Manchester, 18[57]—76. Vol. 1—15, pl.

Rules. Manchester, 1861. 14 p.

Catalogue of books in the library. Manchester, 1875. 4 + 174 p.

Literature. (*See also* Bibliography;—Libraries.)

Athenæum, journal of [English and foreign] literature, etc., 1871—9.

BRANDE (W. T.) & G. W. Cox, Dictionary of science, literature, and art, new ed., 186[6—]7. *

DOBELL (H.), On the medical literature most needed, 1857.

Encyclopædia Britannica, 9th ed., 1875—9. *

Index medicus, monthly classified record, 1879, no. 1.

LITERARY AND PHILOSOPHICAL SOCIETY OF MANCHESTER, (*see above*).

Popular encyclopedia or Conversations lex., new ed., [1862?]. *

Recreations in ... miscellaneous lit., by J. Anderson, 1799—1802.

ROYAL INSTITUTION OF GT. BRIT., [Quarterly] journal, 1816—30; etc.

SANDFORD (D. K.), On the rise and progress of literature, 1862. *

Student and intellectual observer of ... literature, 1868—71.

LITTELL (S.). Manual of the diseases of the eye; or, Treatise on ophthalmology; revised and enlarged by H. Houston. London, 1840. 6 + 16 + 308 p.

LITTELL's living age. Boston, [U. S.] 1848. No. 201.

Contains History of the ether discovery, by R. H. Dana, jun.

LITTLETON (Adam). Linguae Latinæ liber dictionarius quadripartitus: Latin dictionary in four parts: 1, English-Latin; 2, Latin-classical; 3, Latin-proper; 4, Latin-barbarous. Fifth edition. London, 1723. [1446] p. + 1 pl. + 2 maps. *

Liver.

FRASER (T. R.), Sketch of the present state of our knowledge respecting the action of mercury on the liver, 1871.

PAQUELIN (C.) & L. JOLLY, Contribution à l'étude des phénomènes nutritifs, analyse comparative ... du foie, 1875.

LIVERPOOL CHEMISTS' ASSOCIATION. Transactions, laws, bye-laws, and annual report, with list of officers and members, and catalogue of books in the library. Liverpool, 1859, 1869. Reports 10 and 20.

Note.—See also REGISTERED CHEMISTS' ASSOCIATION OF LIVERPOOL.

Liverpool medical and surgical reports; edited by P. M. Braidwood and R. Harrison. London, Liverpool, 1869–71. Vol. 3–5.

LIVERSIDGE (Alexander). *See* ROYAL SOCIETY OF NEW SOUTH WALES, Journal and proceedings, 1879.

Liverworts. *See Hepaticæ.*

LIVIUS (Titus). Historiarum ab urbe condita libri qui supersunt omnes, ex recensione A. Drakenborchii; præter varietatem lectionum Gronovianæ, Crevierianæ, Kreyssigianæ, et Bekkerianæ, accedunt notæ integræ ex editionibus J. B. L. Crevierii; cum indice rerum. Londini, 1842. 3 vol.

Livonia. DRAGENDORFF (G.), Chemische Beiträge zur Pomologie, mit Berücksichtigung der livländischen Obstcultur, 1878.

LLOYD (H. E.). *See* RAUMER (F. L. G. v.), England in 1835, 1836.

L'OBEL (Matthias DE). *See* PLANCHON (G.), Matériaux pour la flore médicale de Montpellier et de Cévennes, d'après L., 1868.

Locks. AITKEN (W. C.), Guns, Nails, Locks, etc., 2nd ed., 1878.

LOCKYER (Joseph Norman). Contributions to solar physics. London, 1874. 24 + 676 p. + 7 pl.

LOEWY (Benjamin).

See VICTORIA, VICTORIAN EXHIBITION, 1861, Die Colonie Victoria, etc.

See WEINHOLD (A. F.), Introduction to experimental physics, 1875.

Logic. DUNCAN (W.), Elements of logick, 6th ed., 1770.

Logic, Medical. BLANE (G.), Elements of med. logic, 2nd ed., 1821.

LONDON. (*See also*, on p. 222–4, headings beginning "London.")

—. ART UNION. *See* ART UNION OF LONDON.

LONDON.—*continued.*

- . **Associations.** *See* ANTI-ADULTERATION ASSOC.;—ASSOC. OF MEDICAL OFFICERS OF HEALTH;—BRITISH ASSOC. FOR THE ADVANCEMENT OF SCIENCE;—BRITISH MEDICAL ASSOC.;—CHEMISTS' ASSISTANTS' ASSOC.;—INTERNATIONAL ASSOC. FOR OBTAINING A UNIFORM DECIMAL SYSTEM OF MEASURES, WEIGHTS, AND COINS;—LIBRARY ASSOC. OF THE UNITED KINGDOM;—METROPOLITAN DRAPERS' ASSOC.
- . **BANK OF ENGLAND.** *See* NEWLAND (A.), *Life, etc.*, 1808.
- . **Botany.** SWEET (R.), *Hortus suburbanus Londin.*, 1818.
- . **Club.** *See* WERNERIAN CLUB.
- . **Colleges.** *See* COLLEGE OF PRECEPTORS;—KING'S COLL., LONDON;—NATIONAL DENTAL HOSPITAL & COLL.;—ROYAL COLL. OF PHYSICIANS OF LONDON;—ROYAL COLL. OF SURGEONS OF ENGLAND;—ROYAL COLL. OF VETERINARY SURGEONS;—ROYAL VETERINARY COLL.;—UNIVERSITY COLL., LONDON.
- . **Companies.** *See* EAST INDIA CO.;—LONDON AND WEST OF IRELAND FISHING AND FISH MANURE CO., LIMITED.
- . **Conferences.** *See* BRITISH PHARMACEUTICAL CONFERENCE;—CONFERENCE OF LIBRARIANS.
- . **CONGRESS, BOTANICAL.** *See* INTERNAT. HORTICULTURAL EXH.
- . **CORPORATION.**

Memorials of London and London life in the 13th, 14th, and 15th centuries; extracts, local, social, and political, from the early archives of the city, A.D., 1276–1419; selected, translated, and edited by H. T. Riley. London, 1868. 78 + 708 p.

Analytical index to the series of records known as the Remembrancia, preserved among the archives of the city of London, A.D., 1579–1664. London, 1878. 2 + 18 + 624 p.

- . **COUNCIL, GENERAL MEDICAL.** *See* GENERAL COUNCIL.
- . **Dispensaries.** *See* next page, LONDON, Hospitals, etc.
- . **Exhibition, Great, of 1851.**

GREAT BRITAIN AND IRELAND, COMMISSIONERS FOR THE EXHIBITION OF 1851, Official catalogue, [1851–2];—Reports of juries, 1852.

SOCIETY FOR THE ENCOURAGEMENT OF ARTS, MANUFACTURES, AND COMMERCE, Lectures on results of Great Exhibition, 1852–3.

- . **Exhibition, International, of 1862.**

GREAT BRITAIN AND IRELAND, COMMISSIONERS FOR THE EXHIBITION OF 1862, Catalogue of industrial department, British division, [with Concise history of Exhib., by J. Hollingshead, 1862].

—, — Catalogue of Indian department, by J. F. Watson, [1862].

—, — [Jury report on class 2, section A, chemical products and processes, by A. W. Hofmann, 1862].

HUNTER (C.), Report upon colonial medicinal contributions, 1863.

INDIA, GOVERNMENT, Official catal. of contributions from I., 1862.

LONDON.—*continued.*

—. **Exhibition, International Horticultural, 1866.** *See* INTERNATIONAL HORTICULTURAL EXHIBITION AND BOTANICAL CONGRESS.

—. **Exhibition of National Portraits.** GREAT BRITAIN AND IRELAND, COMMITTEE OF COUNCIL ON EDUCATION, Catalogue, 1868.

—. **Graveyards.** *See* WALKER (G. A.), Gatherings, 1839, etc.

—. **Hospitals and Dispensaries.**

SQUIRE (P.), Pharmacopœias of London Hospitals, 1863 ; 2nd ed., 1869 ; 3rd ed., 1874 ; 4th ed., 1879.

See also BRITISH HOSP. FOR DISEASES OF THE SKIN ;—CHARING CROSS HOSP. ;—DENTAL HOSP. OF L. ;—GENERAL DISPENSARY ;—GUY'S HOSP. ;—HOSP. FOR CONSUMPTION AND DISEASES OF THE CHEST ;—HOSP. FOR DISEASES OF THE THROAT ;—LONDON HOSP. ;—MIDDLESEX HOSP. ;—NATIONAL DENTAL HOSP. AND COLLEGE ;—ROYAL DISPENSARY FOR DISEASES OF THE EAR ;—ST. BARTHOLOMEW'S HOSP. ;—ST. GEORGE'S HOSP. ;—ST. THOMAS'S HOSP.

—. **Institutes.** *See* INST. OF ACTUARIES OF G. BRIT. & IRELAND ;—INST. OF CHEMISTRY OF G. BRIT. & IREL. ;—SANITARY INST. OF G. BR.

—. **Institutions.** *See* INST. OF CIVIL ENGINEERS ;—LOND. INST. ;—NORTH LONDON OPHTHALMIC INST. ;—ROYAL INST. OF GT. BRITAIN.

—. **Plague.** [DEFOE (D.),] History of Gt. Plague in 1665, 1819.

—. **Schools.** *See* LONDON SCHOOL OF MEDICINE FOR WOMEN ;—SOUTH LONDON SCHOOL OF PHARMACY.

—. **Science.** BECKER (B. H.), Scientific London, 1874.

—. **Sewage.** GLASSFORD (C. F. O.), Town Excreta, L. sew., 1858.

—. **Societies.** *See* BRITISH HOMEOPATHIC SOC. ;—CAVENDISH SOC. ; CHEMICAL SOC. OF L. ;—CLINICAL SOC. OF L. ;—LINNEAN SOC. OF L. ;—L. ELECTRICAL SOC. :—MEDICAL SOC. OF L. ;—MEDICO-BOTANICAL SOC. OF L. ;—NEW SYDENHAM SOC. ;—ODONTOLOGICAL SOC. OF GT. BRIT. ;—PHARMACEUTICAL SOC. OF GT. BRIT. ;—PHOTOGRAPHIC SOC. OF GT. BRIT. ;—RAY SOC. ;—ROYAL BOTANIC SOC. OF L. ;—ROYAL HUMANE SOC. ;—ROYAL MEDICAL AND CHIRURGICAL SOC. OF L. ;—ROYAL MICROSCOPICAL SOC. OF L. ;—ROYAL SOC. OF L. ;—SOC. FOR THE DIFFUSION OF USEFUL KNOWLEDGE ;—SOC. FOR THE ENCOURAGEMENT OF ARTS, MANUFACTURES, AND COMMERCE ;—SOC. OF APOTHECARIES ;—SOC. OF PHYSICIANS IN L. ;—SOC. OF PUBLIC ANALYSTS ; SYDENHAM SOC. ;—UNITED SOC. OF CHEMISTS AND DRUGGISTS.

—. **UNIVERSITY OF LONDON.** *See* UNIVERSITY OF LONDON.

London and Edinburgh monthly journal of medical science.

London and Edinburgh monthly journal of medical science ; edited by J. R. Cormack. London, Edinburgh, 1842–6. Vol. 2–6, pl. Monthly journal of medical science ; [edited by G. E. Day, A. Fleming, and W. T. Gairdner]. Edinburgh, 1847–9. Vol. 7–9 (or ser. 2, v. 1–3), pl.

Same. Edinburgh, 1850–5. Vol. 10–20 (or ser. 3, v. 1–11), pl.

London and Edinburgh monthly journal of medical science—contd.

Monthly retrospect of the medical sciences; [supplement to the Monthly journal;] edited by [G. E. Day,] A. Fleming, and W. T. Gairdner. Edinburgh, 1848–9. Vol. 1–2.

Note.—The words “London and Edinburgh” were omitted from the title after vol. 4 of the first series. In 1855 the work merged in the Edinburgh medical journal, *which see*.

London and Edinburgh philosophical magazine. *See Philos. mag.*

LONDON AND WEST OF IRELAND FISHING AND FISH MANURE CO., LIMITED.

Observations on the fisheries of the west coast of Ireland, having reference to the operations of the company; by T. E. Symonds; [with Prospectus]. Sixth ed. Lond., 1856. 124 p. + 1 map.

London dispensatory. *See Dispensatory, London.*

London distiller. *See FRENCH (J.), Art of distillation, 3rd ed., 1664.*

London, Edin., and Dub. philosophical magazine. *See Philos. mag.*

LONDON ELECTRICAL SOCIETY. Transactions and proceedings, 1837–40.

London, 1841. 4 + 210 + [8] + 4 + 4 p. + 5 pl.

London Greek grammar. London, 1828. 16 + 120 p.

LONDON HOSPITAL.

Pharmacopœia of the L. H. London, [1868]. 2 + 140 p. + 1 tab.

Medical report for 1875, by S. Mackenzie. [Lond.,] 1876. 4 + 126 p.

Surgical report for 1875, by H. W. Page. [Lond.,] 1876. 46 p.

LONDON INSTITUTION.

Journal. Lond., 1871–8. Nos. 1–33, with 2 lecture supplements.

Selected notices of lectures, 1876–7. London, 1877. 2 + 62 p.

London journal of botany. *See HOOKER (W. J.), 1842–7.*

London medical and physical journal. *See Med. and phys. journal.*

London medical examiner, monthly review, and statistical journal, of practical medicine; edited by E. Crisp. Lond., 185[0–]1. Vol. 1.

London medical gazette.

London medical gazette; weekly journal of medicine and the collateral sciences. London, 184[1–]5. Vol. 29–35.

London medical gazette; or, Journal of practical medicine. London, 1845–51. Vol. 36–48 (or new ser., v. 1–13).

Note.—Merged in the **Medical times and gazette**, *which see*.

London medical practice: its sins and shortcomings; by a physician, [S. Dickson ?]. London, 1860. 2 + 82 p.

London medical press and circular. *See Medical press and circular.*

London medical repository, monthly journal; by G. M. Burrows, W. Royston, A. T. Thomson, [D. Uwins, S. Palmer, S. F. Gray, J. Copland, R. Dunglison, J. Darwall, and J. Conolly]. Lond., 1814–26. Vol. 1–26, (or v. 1–20; new ser. v. 1–3; ser. 3, v. 1–3;) pl.

Note.—Vol. 1 is entitled “London medical, surgical, and pharmaceutical repository.” Vol. 22 contains only its title-page, contents, and index, with a duplicate of the text of v. 23; v. 25 wants index; v. 26 wants title-page, contents, and index.

London medical review; [or, Monthly journal of medical and surgical science]. London, [1860—]3. Vol. 1, nos. 1—9, 11—12; v. 2, nos. 1, 3—12; v. 3.

London medical, surgical, and pharmaceutical repository. See **London medical repository, Note.**

London pharmacopœia. See **ROYAL COLLEGE OF PHYSICIANS OF LOND.**

London practice of physic. Fifth edition. Lond., 1792. 12 + 544 p.

LONDON SCHOOL OF MEDICINE FOR WOMEN. Inaugural address, delivered by Mrs. Garrett Anderson. London, 1877. 22 p.

[**London student.** London, 1868.] Nos. 1—5, all published, n. t.-p.

Longitude.

FAYE (H. A. É. A.), *Sur la situation actuelle du Bureau des longitudes*, [1872].

SWEDENBORG (E. SWEDBERG, Baron v.), Some specimens of a work on chemistry, with other treatises [on ... longitudes, etc.], 1847.

Loonar. SMITH (G.), *M.D.*, Description of the natron lake, [1856].

LOUDON (*Mrs. Jane Wells*). See **LOUDON** (John C.), *Hortus Brit.*, 1850.

LOUDON (John Claudius).

Encyclopædia of plants indigenous, cultivated in, or introduced to Britain; with figures of nearly 10,000 species; the specific characters by [J. Lindley]; the drawings by J. De C. Sowerby; the engravings by R. Branston. [Second edition?] London, 1836. 20 + 2 + 1160 p.

Hortus Britannicus; catalogue of plants indigenous, cultivated in, or introduced to Britain. New edition, by Mrs. L., W. H. Baxter, and D. Wooster. London, 1850. 80 + 736 p.

See also Annals and magazine of natural history.

LOUIS (P. Ch. A.). *Researches on phthisis, anatomical, pathological, and therapeutical.* Second edition, transl. [from the French,] by W. H. Walsbe. London, 1844. 36 + 571 p. (Sydenham Society.)

LOUREIRO (Juan). *Flora Cochinchinensis: sistens plantas in regno Cochinchina nascentes; quibus accedunt aliæ observatæ in Sinensi imperio, Africa orientali, Indiæque locis variis; labore, ac stud. Joannis de Loureiro.* Ulyssipone, 1790. 2 v. in 1, cont. 20 + 746 p.

LOVETT (Richard).

Subtil medium prov'd: or, That wonderful power of nature, call'd sometimes æther, but oftener elementary fire, verify'd; giving an account of the progress of electricity. Lond., 1756. 6 + 146 p.

Sir Isaac Newton's æther realized; or, Second part of the Subtil medium proved, and electricity rendered useful; being a vindication of that essay. London, [1758 ?]. 78 p.

LÖWIG (Carl). *Principles of organic and physiological chemistry;* transl. [from the German], by D. Breed. London, 1853. 490 p.

LÖWY (Benjamin). See LOEWY.

LÖWY (Julius). Werthbestimmung des Wismuths und des käuflichen Magisterium Bismuthi. [Halle, 1877.] 10 p., n. t.-p. (Kaiserliche Universität Dorpat, Untersuchungen.)

LUBBOCK (Sir John). See **Natural history review**, 1861–62.

LUCIAN. Nonnulli è Luciani dialogus selecti, et in partes duas divisi; alteram prius editam, alteram nunc additam: omnes scholiis illustrati ab E. Leedes. [Gr. & Lat.] London, 1704. 16 + 224 + 150 p.

LUCRETIUS CARUS (Titus). Of the nature of things, translated into English verse, by T. Creech; explain'd with notes: being a compleat system of Epicurean philosophy. London, 1714. 2 v., 1 pl.

LUDWIG (H.). See **DEUTSCHER APOTHEKER-VEREIN**, Archiv der Pharmacie, 1863–72.

ULLIUS (Raimundus).

Libelli aliquot chemici: nunc primūm, excepto Vade mecum in lucem opera [M.] Toxitæ editi. Basileæ, 1600. 12 + 420 p. Codicillus seu Vade mecum in quo fontes alchimicae artis ac philosophiæ reconditionis vberrimè traduntur. Postrema editio. Rothomagi, 1651. 206 p.

Lumleian lectures. See BEALE (L. S.), On life and vital action, 1875.

LUNAN (John). Hortus Jamaicensis; botanical description and account of virtues, etc., of indigenous plants, as also of the most useful exotics. Jamaica, 1814. 2 vol.

LUND (H.). New practical and easy method of learning the Danish and Norwegian language, after the system of M. Meissner. Fourth ed. London, 1877. 8 + 138 p. (Thimm's series, pt. 7.)

LUNDY (John J.). Rinderpest, its prevention and cure; and gypsum, or sulphate of lime, its advantages as a manure, deodoriser, and sanitary agent. Edinburgh, 1865. 20 p.

Lungs. (See also works on pulmonary Phthisis.)

GREENHOW (E. H.). Third series of cases of pulmonary disease frequent among operatives exposed to inhalation of dust, 1868–9.

LYELL (Sir Charles). Principles of geology; the modern changes of the earth and its inhabitants considered as illustrative of geology. Eleventh edition. London, 1872. 2 vol., 8 pl.

LYONS (Israel). Scholar's instructor, a Hebrew grammar, with points; revised by H. Jacob. Fourth ed. London, 1823. 64 p.

MAATJES (A. B.). See PICARD (H.), New pocket dictionary of the English and Dutch languages, 5th ed., 1877.

MACADAM jun. (James). Production of the flax plant, and modes of preparing its fibre for manufacture. (In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on the results of the Great Exhibition, 2nd ser., 1853, p. 43–71.)

MACADAM (Stevenson).

Practical chemistry. [Second edition?] London, [1866?].
10 + 148 p. (CHAMBERS' Educational course.)

See also WILSON (G.), M.D., Chemistry, 2nd ed., [1856?];—Inorganic chemistry, 3rd ed., 1866.

— & J. GAMGEE. On the chemical composition, use, and action of sheep-dipping mixtures, with special reference to experiments in connection with the poisoning of sheep at Burton, Northumberland: part 1, chemistry, by S. M.; part 2, physiology, by J. G. [Newcastle, 1859?]. 32 p.

MACBRIDE (David).

Experimental essays: on the fermentation of alimentary mixtures; on the nature and properties of fixed air; on the different kinds of antiseptics; on the scurvy; on the dissolvent power of quick-lime. Lond., 1764. 16 + 272 p. + 2 tab. + 4 pl.

See also CULLEN (W.), Nosology, 1800.

MACCALLUM (D. C.). *See* Medical chronicle, 1858-9.

McCoy (Frederick).

On the recent zoology and palaeontology of Victoria. Melbourne, 1867. 24 p. (Intercolonial Exhibition essays.)

See also VICTORIA, VICTORIAN EXHIBITION, 1861, Catalogue, with prefatory essays;—Die Colonie Victoria;—Essais divers.

MACCULLOCH (John).

Remarks on the art of making wine; with suggestions for improvement of domestic wines. Second ed. Lond., 1817. 8 + 262 p.

Same. Third edition. London, 1821. 12 + 264 p.

MCCULLOCH (John Ramsay).

Dictionary, practical, theoretical, and historical, of commerce and commercial navigation. Second edition, with supplement. London, 1835. 16 + 1270 + 58 p. + 7 maps.

Same. New edition, [with biographical notice and] two supplements, by H. G. Reid. London, 1871. 34 + 1558 + 16 + 18 p. + 11 maps + 30 charts. *

Same. Supplement. London, 1875. 2 + 128 p. *

Same. Second supplement. London, 1877. 6 + 68 p. *

MACDONALD (Angus). *See* JACKSON (R. E. SCORESBY-), Note book of materia medica, pharmacology, etc., 2nd ed., 1871; 3rd ed., 1875.

MACDONALD (W. B.).

See GRISEBACH (A. H. R.), Report on botan. geography during 1842.

See RAY SOCIETY, Reports on the progress of zoology, 1845.

M'DONNELL (R.). *See* Natural history review, 1861-2.

MACÉ (M^{ie}). Traité pratique et raisonné de pharmacie galénique; cours professé à l' École de médecine et de pharmacie de Rennes. Rennes, 1879. 6 + 328 p.

MACGILLIVRAY (William). *See WITHERING (W.), M.D., British plants*, 11th ed., 1863.

M'GREGOR (James). *Medical sketches of the expedition to Egypt, from India*. Lond., 1804. 8 + 238 p. + 1 tab., *wanting p. 235-8*.

MACHELL (Thomas). *Remarks on certain recent inventions, important to health and the preservation of human life; comprising a self-acting injecting apparatus, a shower-bath, a portable inhaler, &c., with medical & surgical cases*. Lond., 1826. 4 + 102 p. + 5 pl.

Machinery and Tools. (*See also Mechanics.*)

HENSMAN (H.). *Civil engineering and machinery*, 1852.

SHELLEY (C. P. B.). *Workshop appliances*, 3rd ed., 1876.

UNWIN (W. C.). *Elements of machine design*, 1877.

WILLIS (R.). *Machines and tools for working in metal, etc.*, 1852.

WRIGHTSON (J.). *Agricultural machinery*, 2nd ed., 1877.

MACILWAIN (GEORGE). *Clinical observations on the constitutional origin of various forms of porrigo*. London, 1833. 4 + 84 + 2 p.

McIVOR (W. G.). *See MADRAS, REVENUE DEPARTMENT, Report on the Government Bot. and Hort. Gardens, Ootacamund*, 1859-60.

MACKAY (John).

Supplementary remarks on German yeast. Edin., 1861. 2 + 18 p.

Remarks on the oïdium or vine disease. Edin., 1862. 20 p.

[*Production and use of German yeast in this country*. Edinburgh, 1864.] 16 p., *t.-p. w.*

MACKENZIE (Morell). *See HOSPITAL FOR DISEASES OF THE THROAT, Pharmacopœia*, 1872; 2nd ed., 1873; 3rd ed., 1876.

MACKENZIE (Stephen). *See LONDON HOSP.*, Medical report for 1875.

MACLAGAN (Douglas).

On the bebeelu tree of British Guiana. Edin., 1843. 2 + 10 p.

On the medicinal qualities of the bebeelu bark of British Guiana. [Edinburgh,] 1843. 12 p.

MCLEOD (Herbert). *See MILLER (W. A.), Elements of chemistry*, 5th ed., 1872-4; 6th ed., 1877.

MACNAMARA (Rawdon). *See NELIGAN (J. M.), Medicines*, 7 ed., 1867.

MICOLL (David H.). *Dictionary of natural history terms, with derivations, incl. orders, genera, & species*. Lond., 1863. 8 + 584 p.*

MACQUER (Pierre Joseph).

Elements of the theory and practice of chymistry; translated from the French [by A. Reid]. London, 1758. 2 vol., 6 pl.

Dictionary of chemistry; translated from the French, with additions. Second edition, to which is added, *Treatise on permanently elastic fluids, or gases*. Lond., 1777[-9]. 3 v., 1 tab., 3 pl.

Note.—The additions and Treatise have each a distinct title-page.

The Treatise is also of the second edition.

See also FRANCE, Account of the tenia, 1777.

McTURK (Mich.). *See BRITISH GUIANA, GOVERNMENT, Woods, 1878.*
MADAN (H. G.).

See HARCOURT (A. G. V.) & H. G. M., Exercises in practical chemistry, 1869.

See WILSON (G.), M.D., Inorganic chemistry, 4th ed., 1871.

Madder. FABRE jeune (D.), Mémoires sur les altérations frauduleuses de la garance, 1860.

MADRAS PRESIDENCY. GENERAL COMMITTEE OF THE MADRAS EXHIBITION OF RAW PRODUCTS, ARTS AND MANUFACTURES OF SOUTHERN INDIA. Reports by the juries. Madras, 1856. 2 + 20 + 138 p.

—. PUBLIC DEPARTMENT. Memorandum upon the pauchontee, or Indian gutta tree of the western coast, [by H. F. C. Cleghorn, conservator of forests; with extracts from minutes of consultation]. Madras, 1858. 2 + 10 p. + 8 pl.

—. REVENUE DEPARTMENT.

[Summary of observations on forests, and the operations of the Forest Department, by H. F. C. Cleghorn, conservator; with extracts from minutes of consultation. Madras, 1858.] 18 p. + 1 pl., n. t.-p.

Report [of H. F. C. Cleghorn, conservator, with report of W. G. McIvor, superintendent,] on the Government Botanical and Horticultural Gardens, Ootacamund, [Utakamand,] for 1858[-9; with extracts from the minutes of the department]. Madras, 1859-60. 2 pam., 1 col. plan.

Madras quarterly journal of medical science; edited by W. R. Cornish, W. N. Chipperfield, [and H. B. Montgomery]. Madras, 1861-7. Vol. 3-11, pl.; v. 6 wanting p. 1-264.

Madrid pharmacopœia. *See Farmacopea en Castellano, 1823.*

MAGALHAENS (João Jacinto DE). *See CRONSTEDT (A. F.), Essay towards a system of mineralogy, 2 ed., by J. H. de Magellan, 1788.*

Magazin für Pharmacie und Experimentalkritik. *See Annalen der Chemie und Pharmacie.*

Magazine of natural history. *See Annals and mag. of nat. history.*

MAGELLAN (John Hyacinth DE). *See MAGALHAENS (J. J. DE).*

MAGENDIE (Francois).

Formulary for the preparation and mode of employing several new remedies; with introduction and notes, by C. T. Haden; translated from the French third edition, with appendix containing improvements of the fourth edition. Fourth edition, by R. Dunglison. London, 1825. 24 + 154 + 48 p.

Formulary, translated from the [French] eighth edition, with appendix by C. W. Gregory. London, 1835. 8 + 228 p.

Same. (*In ROYAL COLLEGE OF PHYSICIANS OF LONDON, New London dispensatory, by T. Cox and C. W. Gregory, 1835, p. 353-578.*)

MAGENDIE (Francois)—continued.

Formulary, translated from the [French] eighth edition, with annotations, etc., by J. M. Gully. London, 1835. 4 + 216 p.

Same. Second edition. London, 1836. 12 + 216 p.

Magic. BREWSTER (D.), Letters on natural magic, 1832.

Magic lantern: how to buy & how to use. *See MERE PHANTOM*, 1866.

Magnesia. *See SKEETE (T.)*, Experiments on Peruvian bark, 1786.

Magnesia alba. BLACK (J.), Experiments upon magn. alba, 1777.

Magnesium, Boro-citrate of. MADSEN (H. P.), Sur la solubilité des calculs urinaires dans les solutions de benzoate de lithium et de boro-citrate de magnésium, 1879, (*see additions*).

Magnetism.

Annals of electricity, magnetism, etc., by W. Sturgeon, 1836–43.

BOYLE (R.), Tracts ... appendix touching celestial magnets, 1674.

CAVALLO (T.), Treatise on magnetism, 1787.

HOLMES (F. H.), Holmes' magneto-electric light, as applicable to lighthouses, [1863?].

JENKIN (F.), Electricity and magnetism, 1873.

LEITHEAD (W.), The cosmical force, [or Electric and magnetic influence,] 1851.

NOAD (H. M.), Lectures on electricity, etc., 3rd ed., 1849.

— Manual of electricity, 4th ed. [of Lectures], 1855–7.

SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829–38, vol. 2, (*see*).

Magnetism, Animal.

G. (F.), Essay on a non-descript disease, with observations on animal magnetism, 1790.

Letter to a physician on animal magnetism, with his answer, 1786.

VOLKMANN (A. W.), Observationes biologicae, [1826?].

MAIN (Rev. Robert). *See GREAT BRITAIN AND IRELAND, ADMIRALTY*, Manual of scientific enquiry, 4th ed., 1871.

MAISCH (John M.).

See GRIFFITH (R. E.), Universal formulary, 3rd ed., 1874.

See PHILADELPHIA COLLEGE OF PHARMACY, American journal of pharmacy, edited by J. M. M., 1871–9.

See STILLÉ (A.) & J. M. M., National dispensatory, 1879; 2 ed., 1879.

MAITTAIRE (Michael). *See* CÆSAR (C. J.), Commentarii, 1840.

MAJOR (Rev. J. R.). *See* PHOTOGRAPHIC SOCIETY, Phot. journ., 1857.

MALEPEYRE (F.). Rapport fait au nom d'une commission spéciale sur les grands appareils de chauffage de L. Duvoir-Leblanc. Paris, 1844. 56 p.

MALPAS (Ald. Philip). *See* ORRIDGE (B. B.), Some particulars, 1868.

Malta. CLEGHORN (H. F. C.), Notes on botany and agricult., 1870.

Malvern. ADDISON (W.), Dissertation on Malvern water, 2nd ed., 1831.

Man. (*See also Anatomy;—Physiology, etc.*)

CHALMERS (T.), On the power, wisdom, and goodness of God as manifested in the adaptation of external nature to the moral and intellectual constitution of man, 1833.

KIDD (J.), On the adaptation of external nature to the physical condition of man, 1833.

PAGÈS (J. B.), L'œconomie des trois familles du monde sublunaire, et particulièrement de la nature de l'homme, 1625.

Man, Isle of. *See LEWIS (S.), Topographical dict. of England, 1833.*

MANBY (Charles). *See YATES (J.), On French measures, etc., 1854.*

Manchester. (*See also separate entries beginning "MANCHESTER."*)

See LITERARY AND PHILOSOPHICAL SOCIETY OF MANCHESTER.

See OWENS COLLEGE, MANCHESTER.

MANCHESTER AND SALFORD PROVIDENT DISPENSARIES ASSOCIATION.

See BRITISH MEDICAL ASSOCIATION, Report of sub-committee, 1878.

MANCHESTER ROYAL INFIRMARY AND DISPENSARY. Pharmacopœia in usum Nosocomii Mancuniensis. Ed. quinta. Mancun., 1840. 56 p.

MANCLERC (Jacobus). Collectanea medica ad praxim potissimum spectantia; curâ et studio J. M. [17—?] [498] p., ms. *

Note.—This ms. consisted originally of 470 p.; 28 p. were added in various places by "Joannes Henricus Manclerc, M.D.", who made notes also on the original paper.

MANCLERC (Joannes Henricus). *See MANCLERC (Jacobus), Note.*

MANDELIN (K. F.).

Chinincitrater: undersökningar. Stockholm, 1879. 12 p., n. t.-p.

See also DRAGENDORFF (G.), Beitrag zur Chem. d. Päonien, 1879.

MANLEY (J. J.). Salt; Preservation of food; Bread and biscuits.

(*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1878, Salt, etc., p. 1–103.*)

Mannite.

BOUCHARDAT (G.), De la mannite et de ses éthers, 1873.

DRAGENDORFF (G.), Über Mannit als Nebenproduct der Milchsäuredarstellung aus Rohrzucker, 1879.

Manuals of elementary science. *See BENTLEY (R.), Botany, 1875.*

Manufactures. (*For Chemical manufactures, see Chemistry.*)

BATH AND W. OF ENGLAND SOCIETY FOR THE ENCOURAGEMENT OF AGRICULTURE, ARTS, MANUFACTURES, etc., Catalogue of books, 1864.

BEVAN (G. P.), British manufacturing industries, 2nd ed., 1876–8.

GREAT BRITAIN AND IRELAND, PARLIAMENT, Reports from H. M. consuls on the manufactures, &c., of their districts, 1872–3.

JAMIESON (A.), Dictionary of mechanical science, etc., 7th ed., 1833.

Journal of science, and annals of... manufactures, 1879.

LEWIS (W.), Commercium philosophico-technicum, 1765.

MAYES (C.), Essay on manufactures required for the economical development of the resources of Victoria, 1861.

Manufactures—continued.

- Philosophical magazine and journal ... of ... manufactures, 1814-7.
 Repertory of arts and manufactures, 1794-1802.
 ROYLE (J. F.), Arts and manufactures of India, 1852.
 SIMMONDS (P. L.), Science, and commerce, their influence on our manufactures, 1872.
 SOCIETY FOR THE ENCOURAGEMENT OF ARTS, MANUFACTURES AND COMMERCE, *London*, Transactions, 1754-1835.
 — Journal of the Society of Arts, 1852-79.
 SOLLY (E.), Vegetable substances used in manufactures, 1852.
 Technologist, record of science applied to manufacture, 1860-7.
 URE (A.), Recent improvements in arts, manuf., etc., 2 ed., 1851.
 — Dictionary, 4 ed., 1853; 5 ed., 1860; 6 ed., 1872*; 7 ed., 1878*.
Manure. KENSINGTON (E. T.), Chemical composition, 1877.

Manuscripts.

Begin. Of the matter of medicaments and remedies in Greek called pharmaceutica. [16—?] 6 + 222 + 6 p. *

Note.—The latter pt. of the index is bound at the commencement of the vol.; it is on paper different from that used in the main work.

Begin. 1 An excellent oyntment for y^e itch or any ill breaking out, etc. [16—-18—.] [199] ff., of which 36 are blank. *

Note.—On the last page is written: “Kathe. Hamilton, Cavan march y^e 22nd, 1676”; on other pages, years of the 18th cent. are mentioned; in another place occurs “W: G: 1803”. The earlier writing appears to be mainly that of K. Hamilton.

Begin. Preserves and conserves, etc. [16—-?] [78] ff., of which 24 are blank. *

Note.—The vol. consisted originally of more than 78 ff., but some leaves have been torn out. There is a variety of handwriting. The headings are:—Preserves and conserves; The place for physicke; The place for chirurgerye; The place for cookerye; The place for strong waters; The place for perfumes.

[Prescriptions of physicians, surgeons, etc., 18—.] 4 vol. *

See also—

- BLACK (J.), Lectures on chemistry, 1773-4.
 Descriptions & medical properties of plants, [17—?].
 FORDYCE (G.), Lectures on physiology, etc., [1764-1802?].
 GUYTON DE MORVEAU (L. B.).
 LEONARDUS (C.), Speculum lapidum, etc., 1610.
 MANCLERC (Ja.), Collectanea medica, [17—?].
 PEREIRA (J.), [Original letters to N. J. B. G. Guibourt, 1830-53].
 PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Minutes of proceedings of the [Laboratory Students' Society], 1850[-6].
 — Papers, School of Pharmacy Students' Association, 1875[-8].
 ROYAL NAVAL HOSPITAL, *Haslar*, Pharmacopœia, [1777-8?].
 SAINT BARTHOLOMEW'S HOSPITAL, Pharmacopœia, 1730; 1773.

Map of the geographical distribution of the medicinal substances contained in the British pharmacopœia of 1867; by a lecturer on *materia medica* [Dr. E. Clapton ?]. London, [1867–9?].

MAPOTHER (Edward Dillon). *See CRISP (E.)*, On med. reform, 1870.

Maps. (*See also, above, Map.*)

BARBER (G.), Pharmaceutical or medico-botan. map of world, [1870].

BLACK (A. & C.), B.'s general atlas of the world, new ed., 1873. *

THOMSON (J.), New general atlas of the world, 1821. *

MARCET (Alexander). *See GUY's HOSP.*, Syllabus of lectures, 1816.

MARCET (Francis). *See MARCET (J.)*, Conversations, 14th ed., 1872.

MARCET (Mrs. Jane). Conversations on natural philosophy, [for] young persons; revised and edited by F. Marcket. Fourteenth edition. London, 1872. 14 + 482 p. + 36 pl.

MARCGRAV (Georg). *See MARTIUS (C. F. P. v.)*, Versuch eines Commentars über die Pflanzen in den Werken von M. und Piso, 1853.

MARCHAND (Eugène). Notes sur un nouveau caractère spécifique de la strychnine, et sur un procédé pour préparer l'azote pur, suivies d'un mémoire sur les altérations éprouvées par quelques alcalis organiques, au contact et sous l'influence de l'oxigène, à l'état naissant. Fécamp, 1843. 26 p.

Margosa. WARING (E. J.), On the therapeutic applications, [186–].

Marienbad. HAMBERG (N. P.), Om M. dess helsokällor, etc., 1870.

Marietta, Ohio. SMITHSONIAN INSTITUTION, Smithsonian contributions to knowledge, Results of meteorological observations, 1868.

MARKHAM (Clements Robert).

Travels in Peru and India, while superintending the collection of Chinchona plants and seeds in South America, and their introduction into India. London, 1862. 18 + 572 p. + 7 pl. + 2 maps + geneal. chart.

See also CHINCHON (Lady Ana de OSORIO, Countess of), Memoir, with plea for correct spelling of Chinchona, 1874.

See also GREAT BRITAIN AND IRELAND, INDIA OFFICE, Report on specimens of Chinchonæ in the herbarium at Madrid, by C. R. M., 1866;—Chinchona species of New Granada, by C. R. M., 1867.

See also WEDDELL (H. A.), Notes on the quinquinas, 1871.

MARKHAM (William Orlando).

See BRITISH MEDICAL ASSOCIATION, British med. journal, 1861–6.

See NEUBAUER (C. T. L.) & J. VOGEL, Guide to qualitative and quantitative analysis of urine, translated, 1863.

MARLIANUS (Raimundus). *See CÆSAR (C. J.)*, Commentarii, 1578.

MARQUIS (Ed.). Welcher Smilaxsorte gebührt der Vorzug bei Anfertigung der in der Medicin gebräuchlichen Präparate? [Halle, 1875.] 22 p., n. t.-p. (Kaiserliche Universität Dorpat, Untersuchungen.)

MARQUIS (*Provisor* [Ed. ?]). *See* DRAGENDORFF (G.), Über die Alkaloide des Delphinium Staphisagria, 1877.

Marriage. HELSHAM (H.), Evils resulting from the intermarriage of relations, 1863.

MARSH (James). *See* CHEVALLIER (J. B. A.), Recherches sur l'hydrogène arsenié et observations sur l'appareil de M., 1839.

Marstrand. HAMBERG (N. P.), Undersökning af badgrytjan, 1878.

MARTIN (H. N.). *See* HUXLEY (T. H.) & H. N. M., Course of elementary instruction in practical biology, new ed., 1879.

MARTIN (Robert Montgomery). Statistics of the colonies of the British empire, with the charters and engraved seals ; from official records. London, 1839. 8 + [914] p. + 1 map + 1 tab. + 3 pl.

Martinique. BELANGER (C.), Essais du culture du quinquina, 1870.

MARTIUS (Carl Friedrich Philipp von).

Specimen materiae medicae Brasiliensis, exhibens plantas medicinales, quas in itinere per Brasiliam annis 1817-20 observavit. [Monachii,] 1824. 20 p. + 9 pl.

Systema mat. med. vegetabilis Brasil. Lipsiae, 1843. 2 + 26 + 156 p. Syllabus prælectionum de botanica pharmaceutico-medica. [Monachii, 1852.] 2 + 34 p.

Versuch eines Commentars über die Pflanzen in den Werken von Marcgrav and Piso über Brasilien, nebst weiteren Erörterungen über die Flora dieses Reiches ; 1, Kryptogamen. München, 1853. 60 p.

Beitrag zur Natur- und Literär-Geschichte der Agaveen. München, 1855. [26] p.

Über die Stellung der Pflanzengattungen Moutabea und Diclidantha im natürlichen Systeme. (In KÖNIGLICHE BAYERISCHE AKADEMIE DER WISSENSCHAFTEN, Gelehrte Anzeigen, Bulletin, 1856, Nr. 2-3, Column. 19-27.)

Über die Pflanzengattungen Hornschuchia und ihre Stellung im natürlichen Systeme. (In KÖNIGL. BAYER. AKAD. DER WISSENSCHAFTEN, Gelehrte Anzeigen, Bulletin, 1856, Nr. 6, Column. 53-6.)

Vermischte Schriften botanischen Inhalts : [1, zur Kritik des Gattungs-Charakters von Cinchona]. München, 1860. 24 p.

Vorträge über die Florenreiche oder Imperia Floræ. München, 1865. 2 + 56 p.

See also BROWN (R.), R. B., eine akademische Denkrede, 1859.

See also KÖNIGLICHE BAYERISCHE AKADEMIE DER WISSENSCHAFTEN, Erinnerung an Mitglieder der math.-physikalischen Classe, 1859.

MARTIUS (Theodor Wilhelm Christian).

See FRIEDRICH - ALEXANDERS - UNIVERSITÄT, Die ostindische Rohwaaren-Sammlung, beschreiben und erläutert von M., 1853.

See HANBURY (D.), Beiträge zur Materia medica China's, 1863.

MARTYN (John). *Historia plantarum rariorū; [centuriæ primæ dec. 1–5]*. Londini, 1728. 4 + 4 + 52 p. + 50 col. pl., *wanting 2 pl.**
 MARTYN (Thomas). *See Rousseau (J. J.)*, Letters on botany, 4 ed., 1794.
 MARX (Arnold). *See Repertorium für die Pharmacie, Note.*
 MASING (Emil).

Die Verbindungen des Cantharidins mit anorganischen Basen ; [Diss.]. Dorpat, 1866. 50 p. (Kaiserliche Universität Dorpat.)
 Über das Harz des Lärchenschwamms. [Halle, 1875.] 16 p., *n.t.-p.*
 Zur quantitativen Bestimmung des Veratrins und Physostigmins. [Halle, 1876.] 8 p., *n.t.-p.*

Vergleichende Untersuchung der wichtigsten Handelssorten des arabischen Gummi und seiner Surrogate. [Halle, 1879.] 18 p., *n.t.-p.*

MASING (P. G. A.). Beiträge für den gerichtlich-chemischen Nachweis des Strychnins und Veratrins in thierischen Flüssigkeiten und Geweben ; [Diss.]. Dorpat, 1868. 36 p. (Kais. Univ. Dorp.)

MASSA (Niccolò). *See Husain ibn Abd Allah, Avicennæ liber canonis, item Avicennæ vita ex Sorsano Latinitate donata*, 1555.

MASSACHUSETTS COLLEGE OF PHARMACY, Boston, U. S. A.

Address at ninth annual commencement, on the relations of chemistry to pharmacy & therapeutics, by T. S. Hunt ; with the valedictory, by W. P. Bolles. Boston, 1875. 28 p.

Twelfth annual catalogue. Boston, [1878]. 16 p.

MASTERS (Maxwell Tylden).

Vegetable teratology, account of principal deviations from usual construction of plants. Lond., 1869. 38 + 534 p. (Ray Soc.)

Botany for beginners. London, 1872. 14 + 186 p.

See also HENFREY (A.), Elementary course of botany, 2nd ed., 1870 ; 3rd ed., 1878.

Maté. WANKLYN (J. A.), Tea ..., analysis of Paraguay tea, 1874.

Materia medica and Therapeutics. (*See also* Dispensaries ;—Formulæ, etc. ;—Medicine ;—Pharmacopœias ;—Pharmacy ;—Posology ;—Prescribing, etc. ;—Veterinary art, and separate articles under their names.)

AINSLIE (W.), Materia Indica, [2 ed. of Mat. med. of Hind.,] 1826.

ALEXANDER (W.), Experimental essays ... on medicines, 1768.

ALIBERT (J. L.), Nouveaux élémens de thérapeutique et de matière médicale, [1804–5] ; 5me éd., 1826.

ALSTON (C.), Lectures on materia medica, by J. Hope, 1770.

Annals of pharmacy and practical chemistry, etc., 1852–4.

ANTHON (E. F.), Handwörterbuch der chemisch-pharmazeutischen, ...und pharmakognostischen Nomenklaturen, 2 Aufl., 1861.*

ARTUS (W.), Hand-Atlas med.-pharm. Gewächse, 5e Aufl., 1876.*

BALLARD (E.) & A. B. GARROD, Elem. of mat. med. and ther., 1845.

BARBER (G.), Pharmaceutical or medico-botan. map of world, [1870].

Materia medica and Therapeutics—continued.

- BEASLEY (H.), Druggist's general receipt book, comprising veterinary mat. med., etc., 2nd ed., 1852; 7th ed., 1872; 8th ed., 1878.
- Book of prescriptions, also a history of the *materia medica*, 3rd ed., 1865; 4th ed., 1872.
- BELLINGHAM (O'B.), Elements of mat. med. and pharmacy, 1841.
- BENGAL, GOVERNMENT, Bengal pharmacopœia, and conspectus of medicinal plants, edited by W. B. O'Shaughnessy, 1844.
- MEDICAL DEPARTMENT, Indigenous drugs of India, alphabetical list, by K. L. Dey, [1877?].
- BENÍTES (J. M.), Principios para la *materia médica* del pais [Venezuela], 2a ed., por A. Ernst, 1869.
- BENTLEY (R.) & H. TRIMEN, Medicinal plants, 18[75-]80.*
- BERG (O. C.), Pharmazeutische Waarenkunde, 1858-63.
- Anatomischer Atlas zur pharmazeutischen Waarenkunde, 1865.*
- Pharmazeutische Botanik, 5e Aufl., 1866.
- Charakteristik...oder Atlas zur pharm. Botanik, 2 Aufl., 1866.*
- & C. F. SCHMIDT, Darstellung und Beschreibung sämmtlicher in d. Pharm. boruss. aufgeführten offiz. Gewächse, [1858-63].*
- BERGIUS (P. J.), *Materia medica e regno vegetabili*, 1778.
- BOERHAAVE (H.), Libellus de materie medica, 1719.
- Eng., Treatise of the *materia medica*, 1739.
- Eng., *Materia medica*, a series of prescriptions, 1741.
- BOOTT (F.), Two introductory lectures on *materia medica*, 1827.
- BOUTON (L.), Plantes médicinales de Maurice, 2me éd., 1864.
- BRADLEY (R.), Course of lectures on *materia medica*, 1730.
- BRANDE (W. T.), Manual of pharmacy, [including *materia medica* and therapeutics,] 1825; 2nd ed., 1829; 3rd ed., 1833.
- Dictionary of *materia medica* and practical pharmacy, 1839.
- BRANDT (J. F.) & J. T. C. RATZEBURG, Medizinische Zool., 1829-33.*
- BRITISH PHARMACEUTICAL CONFERENCE, Year-book of ph., 1870-9.
- BRUNTON (T. L.), Tables of *materia medica*, 1877.
- BUCHHEIM (R.), Lehrbuch der Arzneimittellehre, 3e Aufl., 1878.
- BUCHOZ (P. J.), Herbier, ou plantes méd. de la Chine, 1781.*
- Bulletin général de thérapeutique médicale et chirurgicale, 1851.
- BUSSY (A. A. B.) & A. F. BOUTRON-CHARLARD, Traité des moyens de reconnaître les falsifications des drogues, 1829.
- CAUVET (D.), Nouveaux élém. d'histoire naturelle médicale, 1869.
- CAZENAVE (A.), Appendice thérapeutique du Codex, 1841.
- CHAPMAN (N.), Elem. of therapeutics and mat. med., 4 ed., 1825.
- Chemist and druggist, 1859-79.
- Chemists' and druggists' diary, 1872-4, 1878-80.
- Chemist's desk companion, Year-book of pharmacy, by C. H. Wood and C. Sharp, 1865-6.

Materia medica and Therapeutics—continued.

- CHEVALLIER (J. B. A.), *Dictionnaire des altérations et falsifications des substances ... médicamenteuses, etc.*, 3me éd., 1857-8.
- CLARUS (J.), *Handbuch der speciellen Arzneimittellehre*, 1860.
- COLES (W.), *Adam in Eden, or Natures Paradise*, 1657.
- COTTEREAU (P. L.), *Traité élémentaire de pharmacologie*, 1839.
- CULLEN (W.), *Lectures on the materia medica*, 1772.
— *Treatise of the materia medica*, 1789.
- CULPEPER (N.), *English physitian, [and herbal,]* 1656; [1798].
- Descriptions** and medical properties of plants, [17—?], ms. *
- DEY (K. L.), *Indigenous drugs of India*, 1867.
- DORVAULT (F. L. M.), *L'Officine, contenant conspectus des matières médicales, etc.*, 1844; 3me éd., 1850; 6me éd., 1866; 8me éd., 1872.
- DRAGENDORFF (G.), *Die chemische Werthbestimmung einiger starkwirkender Drogen und der ... Arzneimischungen*, 1874.
- *Fr.*, *Analyse chimique de quelques drogues actives, etc.*, 1876.
- *Über einiger abyssinische Heilmittel*, [1878].
- DUNGLISON (R.), *New remedies*, 4th ed., 1843.
- DUTT (U. C.), *Materia medica of the Hindus*, 1877.
- EBERLE (J.), *Treatise of mat. med. and therapeut.*, 2 ed., 1824-5.
- EDWARDS (H. M.) & P. VAVASSEUR, *Manual of mat. med.*, 1829.
- FALCK (F. A.), *Übersicht der speciellen Drogenkunde*, 1877.
- FLEMING (A.), *Classification of materia medica, a review*, 1850.
— *On the classification of medicines, according to action*, 1852.
- FLÜCKIGER (F. A.), *Lehrbuch der Pharmakognosie des Pflanzenreiches*, 1867.
- *Grundlagen der pharmaceutischen Waarenkunde*, 1873.
- *Pharmacognostische Umschau in der Pariser Ausstellung und den Londoner Sammlungen*, [1879].
- & D. HANBURY, *Pharmacographia*, 1874; 2nd ed., 1879.
- *Fr.*, *Histoire des drogues*, tr. par J. L. de Lanessan, 1878.
- FORDYCE (G.), *Lectures on physiol., mat. med., etc.*, [1764-1802 ?].*
- FRAZER (W.), *Elements of materia medica, etc.*, 2nd ed., 1864.
- FRIEDRICH-ALEXANDERS-UNIVERSITÄT ZU ERLANGEN, *Die ostindische Rohwaarensammlung*, von T. W. C. Martius, 1853.
- GARROD (A. B.), *Essentials of mat. med., therap., etc.*, 1855; 2nd ed., 1864; 3rd ed., 1868, 1873; 4th ed., 1874; 6th ed., 1877.
- GEOFFROY (É. F.), *New treatise on vegetables*, 1751.
- GESNER (C.), [Newe jewell of health, 1576].
- GOEBEL (C. C. T. F.) & G. KUNZE, *Pharmaceutische Waarenkunde, mit illuminirten Kupfern, gezeichnet von E. Schenk*, 1827-34.*
- GRAY (S. F.), *Supplement to the pharmacopoeias*, 1818; new ed., 1821; 6th ed., 1836. *See REDWOOD (T.)*, for continuation.
- *Elem. of pharmacy, and chemical history of mat. med.*, 1823.

Materia medica and Therapeutics—continued.

- GRIFFITHS (W. H.), *Materia medica and pharmacy*, 1879.
- GUIBOURT (N. J. B. G.), *Histoire des drogues simples*, 3me éd., 1836 ; 4me éd., 1849–51 ; 6me éd., 1869–70 ; 7me éd., 1876.
- HANBURY (D.), *Science papers, pharmacological, etc.*, 1876.
- Notes on Chinese m. m., 1862 ;—*Ger.*, Beiträge zur M. m., 1863.
- HARRINGTON (M. W.), *Identification and microscopical examination of crude drugs*, 1876.
- HAYNE (F. G.), *Getreue Darstellung und Beschreibung der in der Arzneykunde gebräuchlichen Gewächse*, 1805–33. *
- HENKEL (J. B.), *Die Merkmale der Aechtheit und Güte der Arzneistoffe*, 1864.
- *Handbuch der Pharmacognosie*, 1867.
- *Medizinisch-pharmazeutische Botanik*, 2e Ausg., 1873.
- *Atlas zur medicinisch-pharmazeut. Botanik*, 2e Aufl., 1873. *
- HERLANT (A.), *Études sur les rapports entre les principes actifs et les caractères botaniques des plantes officinales*, 1878.
- HILL (J.), *Family herbal*, 1812. *
- HOFFMANN (F.), *Observationum physico-chymicarum selectiorum libri 3*, 1736.
- HUGHES (R.), *Manual of pharmacodynamics*, 3rd ed., 1875–6.
- HUNTER (C.), *Report upon some of the colonial medicinal contributions to the International Exhibition [of] 1862*, 1863.
- HUSEMANN (A. & T.), *Die Pflanzenstoffe*, 1871.
- JACKSON (R. E. SCORESBY-), *Note-book of materia medica, pharmacology, and therapeutics*, 2nd ed., 1871 ; 3rd ed., 1875.
- Jahresbericht über die Fortschritte der Pharmacognosie*, 1867–79.
- Journal of materia medica*, 1859–62, 1867–76.
- KEITH (B.) AND CO., *Positive medical agents*, [by G. Coe?] 1855.
- KIRBY (J.), *Tables of the materia medica of the colleges of London, Edinburgh, and Dublin*, 1805.
- KNIGHT (T.), *Reflections upon catholicons*, 1749.
- LEMERY (N.), [Dictionnaire ou] *Traité universel des drogues simples*, 2e éd., 1714 ; 4me éd., 1727.
- LE SHE-CHIN, [Pun tsaou kang müh, *materia medica in Chinese*]. *
- LEWIS (W.), *Experimental history of the materia medica*, 1761 ; 2nd ed., 1768 ; 4th ed., 1791.
- *Complete dictionary of mat. med., cont. Exper. hist.*, 4 ed., 1810.
- LINDLEY (J.), *Natural system of botany, etc.*, 2nd ed., 1836.
- *Flora medica, important plants used in medicine*, 1838.
- *Medical and œconomical botany*, 1849.
- LINNÉ (C. v.), formerly LINNÆUS, *Mat. med., lib. 1, de plantis*, 1749.
- *Eng.*, *Medical, botanical system*, transl. by C. Whitlaw, 1829.
- MAGENDIE (F.), *Formulary for new remedies*, 1825 ; 1835 ; 1836.

Materia medica and Therapeutics—continued.

- Manuscripts,** Of the matter of medicaments and remedies in Greek called *pharmaceutica*, [16—?]. *
- MARTIUS** (C. F. P. v.), *Specimen mat. medicæ Brasiliensis*, 1824.
- *Systema materiæ medicæ vegetabilis Brasiliensis*, 1843.
- *Syllabus prælectionum de botanica pharmac.-medica*, 1852.
- MASSACHUSETTS COLLEGE OF PHARMACY**, Address on relations of chemistry to pharmacy and therapeutics, by T. S. Hunt, 1875.
- Medical circular**, journal of ... therapeutics, 1864—5.
- Medical times**, Pharmaceutical repertory, 1844—6.
- MEDICO-BOTANICAL SOCIETY OF LONDON**, Transactions, 1832—3.
- MÉRAT** (F. V.) & A. J. DE LENS, *Dictionnaire universel de matière médicale et de thérapeutique générale*, 1829—46.
- MILNE** (A.), *Manual of m. m. and ther.*, 3 ed., 1876 ; 4 ed., 1879.
- MITSCHERLICH** (C. G.), *Lehrbuch der Arzneimittellehre*, 1847—54.
- MONRO** (D.), Appendix to *Treatise on ... chym. & mat. med.*, 1790.
- MOQUIN-TANDON** (H. B. A.), *Elem. of medical zoology*, tr., 1861.
- *Éléments de botanique médicale*, 2e éd., 1866.
- MORANDI** (J. B.), *Historia botanica practica*, 1761. *
- MURRAY** (C.), *Tratado de farmacia y farmacognosia*, 1866.
- MURRAY** (Dr. J.), *Elements of materia medica*, 1804.
- *System of materia medica and pharmacy*, 1810 ; 2nd ed., 1813.
- MUTER** (J.), *Key to organic mat. med.*, 1873 ; 2nd ed., 1878.
- NEES VON ESENBECK** (T. F. L.), *Plantæ medicinales*, 1828—33. *
- NELIGAN** (J. M.), *Medicines*, 3rd ed., 1851 ; 7th ed., 1867.
- New remedies**, quarterly, 1871—5 ;—monthly, 1876—9.
- OBERLIN** (L.), *Aperçu systématique des végétaux médic.*, 1867.
- Ortus sanitatis**, de herbis et plantis, etc., 1517. *
- OUDEMANS** (C. A. J. A.), *Aanteekeningen op het systematisch- en pharmacognostisch-botanische gedeelte der Pharmacopœa Nederlandica*, 1854—6.
- PARÉ** (A.), *Les œuvres*, 6me éd., 1607 ;—*Dutch*, [158—16—?].
- PARIS** (J. A.), *Pharmacologia*, 2 ed., 1812 ; 5 ed., 1822 ; 9 ed., 1843.
- PEARSON** (R.), *Practical synopsis of mat. aliment. and med.*, 1808.
- *Thesaurus medicaminum*, 4th ed., 1810.
- PEIRCE** (C. H.), *Examinations of drugs, medicines, &c.*, 1852.
- PEREIRA** (J.), [Original letters to N. J. B. G. Guibourt, 1830—53].*
- [Elem. of mat. med. and ther., 1839—40] ; 2nd ed., 1842 ; 3rd ed., 1849—53 ; 4th ed., 1854—7 ;—*abridgments*, 1865, 1872, 1874.
- PHARMACEUTICAL SOC. OF GT. BRITAIN**, Catalogue of museum, 1878.
- Universal International Exhibition, report on exhibits, 1878.
- PHILLIPS** (C. D. F.), *Mat. med. & ther., vegetable kingdom*, 1874.
- PLANCHON** (G.), *Matériaux pour la flore médicale de Montpellier et des Cévennes*, 1868.
- *Considérations générales sur la matière médicale*, [1870].

Materia medica and Therapeutics—continued.

- PLANCHON (G.)—*continued*, Matière médicale, notes, etc., [1875].
- Traité pratique de la détermination des drogues simples d'origine végétale, 1875.
- Considérations générales sur la distribution géographique des médicaments simples, 1876.
- PLENCK (J. J. v.), *Icones plantarum medicinalium*, 1788–91. *
- *Pharmacologia medico-chirurgica specialis*, 1804.
- POMET (P.), *Compleat history of druggs*, 3rd ed., 1737.
- POMPA (G.), *Colección de medicamentos indígenas de Venezuela*, 4a ed., 1868, *with ms. notes by G. A. Ernst*, 1871.
- REECE AND Co., *Popular catalogue of drugs*, 15th ed., 1836.
- REID (H.), *Medical botany*, 2nd ed., 1839.
- RICHARD (A.), *Élémens d'histoire naturelle médicale*, 1831.
- ROQUES (J.), *Phytographie médicale*, nouv. éd., 1835.
- ROYLE (J. F.), [Manual of materia medica and therapeutics, 2nd ed., 1852] ; 3rd ed., 1856 ; 5th ed., 1868 ; 6th ed., 1876.
- SALLÉ (L.), *Cours élémentaire d'hist. nat. des médicaments*, 1817.
- SALMON (W.), *Seplasium, Compleat English physician, or Drug-gist's shop opened*, 1693.
- *Botanologia, the English herbal*, 1710.
- SAUNDERS (W.), *Institutes of therapeutics and mat. med.*, 1810.
- SCHLEIDEN (M. J.), *Handbuch der medic.-pharmac. Botanik*, 1852.
- SCHWENCKFELD (C.), *Thesaurus pharmaceuticus*, 1587.
- SCHWILGUÉ (C. J. A.), *Traité de matière médicale*, 3me éd., 1818.
- SHIPTON (J.), *Manuale ad forum*, 1689 ; 1699.
- *Pharmacopœia Lond. remedia descripta*, 2 ed., 1689 ; 3ed., 1699.
- SMITH (F. P.), *Contributions towards mat. med. of China*, 1871.
- SMITH (W. G.), *Commentary on the British pharmacopœia*, 1875.
- SOCIÉTÉ DE PHARMACIE DE PARIS, *Rapport sur les médicaments nouveaux*, A. Petit, rapporteur, 1877.
- SOCIETY OF APOTHECARIES, *Officina chymica Londinensis, opera et studio N. Staphorst, [Catalogus medicamentorum]*, 1685.
- *Index plantarum officinalium in horto Chelseiano*, 1730.
- *Memoirs of botanick garden at Chelsea*, by Field, 1820 ; 1878.
- *Catalogus plantarum medicinalium in horto Chels.*, 1830.
- SOUBEIRAN (J. L.) & A. A. DELONDRE, *Prod. vég. de Portugal*, 1867.
- & —, *La matière médicale à l'exposition de 1867*.
- & D. DE THIERSANT, *La matière méd. chez les Chinois*, 1874.
- SOUTHALL (W.), *Organic materia medica of British, Indian, and United States pharmacopœias*, 1874.
- SQUIBB (E. R.), *Proposed legislation on adulteration of food and medicine [in the United States]*, 1879.
- STEGGALL (J.), *Text book of materia medica and therap.*, 1837.
- *First lines for chemists and druggists*, 1844 ; 3rd ed., 1869.

Materia medica and Therapeutics—continued.

- STEPHENSON (J.), Medical zoology and mineralogy, 1838. *
- & J. M. CHURCHILL, Medical botany, 1831.*
- STOCKEN (J.), Elem. of dental mat. med. and ther., 1877 ; 2 ed., 1878.
- SWEDIAUR (F.), *Materia medica*, 1800.
- TAUVRY (D.), *Traité des médicaments, etc.*, nouv. éd., 1699.
- THOMSON (A. T.) *Elem. of mat. med. & ther.*, 1832–3 ; 3 ed., 1843.
- THORNTON (R. J.), *New family herbal*, 1810.
- THOROWGOOD (J. C.), *Student's guide to materia medica of the British pharmacopœia*, 1873.
- TOURNEFORT (J. P. DE), *Materia medica*, 1708.
- TROUSSEAU (A.) & H. PIDOUX, *Traité de thérapeutique et de matière médicale*, 1837–9 ; 7me éd., 1862.
- WAHLTUCH (A.), *Dictionary of mat. med. and therapeutics*, 1868.
- WARING (E. J.), *Notes on some indigenous tonics of India*, [1858].
- *Notes on some of the principal anthelmintics of India*, [1859 ?].
- *Notes on some indigenous medical plants of India*, [1860–2].
- *Contribution to Indian mat. med., inorganic substances*, [1862].
- *Manual of practical therapeutics*, 3rd ed., 1871.
- *Bibliotheca therapeutica, bibliography of therap.*, 1878–9. *
- WHITLAW (C.), *W.'s new medical discoveries, with Linnean vegetable materia medica*, 1829.
- WIGAND (A.), *Lehrbuch der Pharmakognosie*, 3e Aufl., 1879.
- WIGGERS (A.), *Handbuch der Pharmacognosie*, 5e Aufl., 1864.
- WILLS (G. S. V.), *Manual of vegetable materia medica*, 2nd ed., 1877 ; 3rd ed., 1878.
- WOLFF (E.) & B. HIRSCH, *Die Prüfung der Arzneimittel*, 1866.
- WOOD (G. B.), *Treatise on therapeutics and pharmacology*, 1856 ; 3rd ed., 1868.
- WOODVILLE (W.), *Medical botany*, 3rd ed., 1832. *
- Year-book of therapeutics, etc.**, ed. by H. C. Wood, 1872.
- YVON (P.), *Traité de l'art de formuler, etc.*, 1879.
- Materials, Strength of.** *See ANDERSON (J.)*, 3rd ed., 1876.
- Mathematical geography.** *See SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE*, Lib. of usef. knowl., nat. phil., 1829–38, vol. 3.
- Mathematics.** *See Philosophical magazine*, 1827–32.
- Matico.** JEFFREYS (T.), *Remarks on the efficacy of matico as a styptic and astringent*, 2nd ed., 1844.
- Matter.** BEALE (L. S.), *Protoplasm, or, Matter and life*, 3 ed., 1874.
- MATTHIESSEN (Augustus). *See Philosophical magazine*, 1869–70.
- MATY (Paul Henry). *See ROYAL SOCIETY OF LONDON*, *Philosophical transactions*, General index, 1787.
- MAUGHAM (William). *See ROYAL COLLEGE OF PHYSICIANS OF LONDON*, *London manual of medical chemistry*, 1831.

- MAUMENÉ (E.). *See Annales de chimie et de physique*, 3me sér., Table des tomes 1–30, 1851.
- MAUNDER (Samuel). *Treasury of knowledge, and library of reference*: [containing English grammar and dictionary; universal gazetteer; classical and law dictionaries; chronological analysis of general history, etc.]. Fourteenth ed. Lond., 1843. 2 pts., *in 1 v.*
- MAURITIUS. *See BOUTON (L.)*, *Plantes médicinales de Maurice*, 2me éd., 1864.
- . *COLONIAL GOVERNMENT*. *Flora of Mauritius and the Seychelles*: a description of the following plants and ferns of those islands, by J. G. Baker; [with Outlines of elementary botany, by G. Bentham]. London, 1877. 20 + 52 + 560 p.
- MAXWELL (James Clerk).
- Theory of heat. Lond., 1871. 12 + 312 p. (Text-books of science.) *See also CAVENDISH (H.)*, *Electrical researches*, edited, 1879.
- MAYES (Charles). *Essay on manufactures required for the economical development of the resources of the colony of Victoria*. (*In VICTORIA, GOVERNMENT, Prize essays*, 1861, p. 241–387.)
- MAYNARD (Samuel). *See KEITH (T.)*, *Complete arithmetician*, 1834.
- MAYNE (John). *See MAYNE (R. G.)*, *Medical vocabulary*, 1868.
- MAYNE (Robert Gray). *Medical vocabulary*. Third edition, by J. Mayne. London, 1868. 8 + 452 p.
- MAYO (Herbert). *Outlines of human physiology*. Second edition. London, 1829. 18 + 554 p.
- MAYOW (John). *See BEDDOES (T.)*, *Chemical experiments, etc.*, 1790.
- MAZÉ-LAUNAY (A.). *See PELLIEUX (G.) & A. M.-L.*, *L'industrie française de l'iode à l'exposition*, 1878.
- M'boudou. *See Akazga.*
- MEAD (Richard).
- Mechanical account of poisons, in several essays. London, 1702. 16 + 176 p. + 1 pl. 2 copies.
- Same*. Third edition. London, 1745. 48 + 320 p. + pl. 1, 3–4. [Pharmacopœia Meadiana: from original prescriptions, with cases; with Prælectiones Meadianæ, or Medical lectures, from original mss. London, 1756–8?] 3 pts.; of pt. 1, t.-p. w.
- MEADE (William).
- Compendium of pharmacy, explanatory of chemical decompositions of Pharmacopœia Londinensis. Lond., 1834. 8 + 148 p.
- Manual for students preparing for examination at Apothecaries' Hall, etc. Second edition. London, 1846. 8 + 536 p.
- Measle. FLEMING (A.), *On the measles of the pig*, 1857.
- Measures. *See Weights, Measures, and Coins.*
- Mechanical enquiry into the nature, causes, seat, and cure of the diabetes; with explication of symptoms. Oxford, 1745. 2 + 34 p.

Mechanics and Mechanism. (*See also Machinery.*)

- Annals of philosophy, or Magazine of ... mechanics,** 1813–26.
- Edinburgh philosophical journal, ... practical mechanics,** 1819–26.
- GOODEVE (T. M.), Elements of mechanism,** [3rd ed.,] 1870.
- **Principles of mechanics,** 2nd ed., 1876.
- JAMIESON (A.), Dictionary of mechanical science,** 7th ed., 1833.
- KATER (H.) & D. LARDNER, Treatise on mechanics,** 1830.
- SÉGUIN ainé (M.), Mémoire sur un nouveau système de moteur fonctionnant toujours avec la même vapeur, etc.,** [1857].
- SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy,** 1829–38, vol. 1, 4, (*see*).
- YOUNG (T.), Course of lectures on natural philosophy and the mechanical arts,** new ed., 1845.

Meddygon Myddfai. *See* **SOCIETY FOR THE PUBLICATION OF ANCIENT WELSH MSS., Physicians of Myddvai,** 1861.

Medical and physical journal.

Medical and physical journal ; containing information on medicine, surgery, pharmacy, chemistry, and natural history ; conducted by T. Bradley, A.F.M. Willich, [R. Batty, A. A. Noehden, J. Arneman, J. Adams, W. Shearman, S. Fothergill, W. Royston, and J. Want]. London, [1799]–181[4]. Vol. 1–32, pl.

London medical and physical journal, by S. Fothergill [and W. Hutchinson]. London, 1815–[21]. Vol. 33–45, pl.

MEDICAL AND PHYSICAL SOCIETY OF BOMBAY. Transactions, 1857 [–62]. Bombay, 1859–63. Ser. 2, nos. 4–8 ; pl.

Medical chronicle, or Montreal monthly journal of medicine and surgery ; edited by W. Wright and D. C. MacCallum. Montreal, 1858–9. Vol. 5, no. 12 ; vol. 6.

Medical circular, a journal of practical medicine, surgery, and therapeutics. London, [1864–5]. Vol. 24–7.

Note.—Merged in the **Medical press and circular, which see.**

Medical examiner ; edited by O. Coles. Lond., 1876–8. Vol. 1–3.

Medical mirror ; a monthly magazine, [edited, in part, by W. A. Smith.] London, [1864–70]. Vol. 1, nos. 1–3, 5–8, 10–12 ; v. 2, nos. 1, 3–6, 8–10, 12 ; v. 3, nos. 1–2, 4–12 ; v. 4–7 ; pl.

Note.—Vol. 6 and 7 want title-pages and indexes.

MEDICAL PNEUMATIC INSTITUTION, Bristol. *See* **BEDDOES (T.), Notices of some observations made at the M. P. I.,** 1799.

Medical press and circular ; incorporation of the Medical press and Medical circular ; a weekly journal. London, [Dublin,] 1866–71. Vol. 54–65 (or new ser., v. 1–12), pl.

Note.—On the title-page of v. 54 the work is styled London medical press and circular, but at the top of p. 1 of that v., it is entitled Dublin medical press and circular. *See also* **Medical circular.**

Medical record; a semi-monthly journal of medicine and surgery; [edited by G. F. Shrady]. New York, 1866-9. Nos. 1, 3-6, 11, 13-15, 21, 26, 31, 35, 39-58, 60-6, 68, 70, 72-5.

MEDICAL SOCIETY OF LONDON. Proceedings. London, [1877]. Vol. 3.

MEDICAL SOCIETY OF THE COUNTY OF KINGS, Brooklyn, N. Y. Proceedings. Brooklyn, [1877-80]. Vol. 2, nos. 9-12; vol. 3-4.

Medical times and gazette.

Medical times. Lond., 1850-1. Vol. 22-4 (or new ser., v. 1-3).

Medical times and gazette. London, 1852-79. Vol. 25-[80] (or new ser., vol. 4-[59]).

Note.—Incorporation of the Medical times with the London medical gazette; *see also* the latter work.

Pharmaceutical repertory: containing improvements in chemistry, pharmacy, and *materia medica*; [Medical times, pharmaceutical number]. London, 184[4-]6. Vol. 1.

Medicine or Physic. (*See also* Apothecaries;—Chemistry;—Disease;—Dispensatories;—*Formulæ*;—Health;—Homœopathy;—Hospitals;—*Materia medica* and Therapeutics;—Pathology;—*Pharmacopœias*;—Pharmacy;—Prescribing and Prescriptions;—Surgery;—Veterinary art, etc.)

ACADEMIE ROYALE DE MÉDECINE DE BELGIQUE, (*see*).

ALCOCK (R.), Notes on the medical history and statistics of the British Legion of Spain, 1838.

ALESSIO, [Secretes of Alexis, contayning remedyes, 1568?].

ALLEN (J.), Synopsis medicinæ, practice of physick, 4th ed., 1761.

ALPINUS (P.), Medicina Ægyptiorum, 1591; ed. nova, 1719.

— De medicina methodica, ed. secunda, 1719.

Archives belges de médecine militaire, 1858-62.

BALL (J.), The modern practice of physic, 2nd ed., 1762.

BARTHOLINUS (T.), Acta medica ... Hafniensia, 1673, 1675, 1680.

BATH (R.), Essay on the medical character, etc., [17—?].

BEALE (L.), Bioplasm, introd. to physiology and medicine, 1872.

— The microscope in medicine, 4th ed., 1878 [*p.* 1877].

BEYERSTEIN (J. G.), Obstacles to the improvement of physic, 1762.

BLACK (D. C.), Address on aspects of medical reform, 1870.

BLANE (G.), Elements of medical logick, 2nd ed., 1821.

BLANKAART (S.), or BLANCARDUS, Lexicon medic., ed. noviss., 1735.

BLOXAM (Dr.), Collection of receipts in physic, etc., 2nd ed., 1754.

BOE (F. DE LE), SYLVIUS, Practice of physick, 2nd ed., 1717.

BOERHAAVE (H.), Praxis medica Boerhaaveana, 1716.

— Academical lectures on the theory of physic, 1743-6.

— Commentaries upon the Aphorisms of B., by G. van Swieten, [with text,] translated, 1744-65.

BONTIUS (J.). De medicina Indorum, 1718.

BRIANDE (J.) & E. CHAUDÉ, Manuel de méd. légale, 8me éd., 1869.

British American journal, ed. by A. Hall, 1860-2.

Medicine or Physic—continued.

- British and foreign medical review, med. and surgery, 1842-8.
 British and foreign medico-chirurgical review, 1848-77.
 British annals of medicine, pharmacy, etc., 1837.
 BRITISH MEDICAL ASSOCIATION, British medical journal, 1857-79.
 BUCHAN (W.), Domestic medicine, 18th ed., 1803.
 Canada lancet, [edited by] W. E. Bowman, 1863-4.
 Canada medical journal, medical and surgical science, 1864-9.
 CELSUS (A. C.), Of medicine, in eight books, 3rd ed., 1837.
 — First four books of C., with ordo and text, 2nd ed., 1837.
 CEYLON MEDICAL SCHOOL, Report, 1870-3.
 CHAMBERLAINE (W.), *Tirocinium medicum, or Dissertation on the duties of a youth apprenticed to the profession*, 1812.
 CLARK (Ja.), Remarks on medical reform, 1842.
 CLARKE (E. G.), New London practice of physic, 7th ed., 1811.
 CLINICAL SOCIETY OF LONDON, Transactions, 1868-74.
 COCKAYNE (T. O.), Leechdoms, wortcunning and starcraft of early England, 1864-6.
 COLLEGIUM MEDICORUM BERGOMENSE, *Bergamo*, (see).
 COLLEGIUM MEDICUM, *Augsburg*, (see).
 COLLEGIUM MEDICUM ARGENTORATENSE, *Strasburg*, (see).
 COLLINS (W.), Statement of facts on ... medical reform, 1841.
 Commercium litterarium ad rei medicæ, etc., 1737-45.
 CONGRÈS MÉDICAL, Pharmacopée universelle, et uniformité en médecine, rapport de la commission internationale, 1879.
 COPLAND (J.), Dictionary of practical medicine, 1866.
 CRICHTON (A.), Commentaries on some doctrines of a dangerous tendency in med., and on the principles of safe practice, 1842.
 CRISP (E.), Examination of a rejected candidate, 1849.
 — Examination of the president and examiners of the Royal College of Physicians of London, etc., and suggestions for an improved system of medical government, 1849.
 — On medical reform, letter on the Carmichael prize, etc., 1870.
 CRUSO (J.), Treasure of easy medicines, 1771.
 CULLEN (W.), Institutions of medicine, Physiology, 2nd ed., 1777.
 — First lines of the practice of physic, append. by P. Reid, 1816.
 CULPEPER (N.), English physitian enlarged, 1656; [1798].
 [DAVIES (F.),] Unity of medicine, its corruptions, etc., 1858.
 DICKSON (S.), Fallacies of the faculty, with principles of the chrono-thermal system of medicine, 1843.
 — Destructive art of healing, sequel to Fallacies, 4th ed., 1856.
 DOBELL (H.), On the class of medical literature most needed, 1857.
 — Reports on progress of practical and scientific med., 1870-1.
 DOVER (T.), Ancient physician's legacy to his country, 2 ed., 1732.

Medicine or Physic—continued.

- Dublin journal of medical science, surgery, etc., 1842–5; Dublin quarterly journal of medical science, 1846–51, 1859–71.
- ÉCOLE DE MÉDECINE ET DE PHARMACIE DE RENNES, (*see*).
- Edinburgh medical journal, 1855–72.
- ELLIOT (J.), Medical pocket-book, 3rd ed., 1789; 5th ed., 1798.
- FACULDADE DE MEDICINA DE RIO DE JANEIRO, (*see*).
- FACULTÉ DE MÉDECINE DE PARIS, (*see*).
- FISHER & A. F. HASELDEN, Domestic medicines, 2nd ed., 1865.
- FORDYCE (G.), Lectures on ... practice of physic, [1764–1802 ?]. *
- FORSYTH (J. S.), Synopsis of medical jurisprudence, 1829.
- FOWLER (R.), Medical vocabulary, 2nd ed., 1875.
- FOX (J.) & T. BRADLEY, New medical dictionary, 1803.
- FREIND (J.), History of physick, from the time of Galen, 1727.
- Fundamenta medicinæ, 1714.
- GAIRDNER (J.), Sketch of the early history of the medical profession in Edinburgh, 1864.
- GALEN (C.), [Opera ex nona Juntarum editione,] 1625.
- GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION OF THE U. KINGDOM, Medical register, 1863, '67, '69–71, '73–9.
- Minutes of meeting, 1875, 1879.
- GESNER (C.), [Newe jewell of health, 1576].
- GLAUBER (J. R.), Works, containing secrets in medicine, etc., 1689.
- GREAT BRITAIN AND IRELAND, HOUSE OF COMMONS, Report on medical education, 1834.
- PRIVY COUNCIL, Public health, report of medical officer, 1866, 1870–1.
- GUY (W. A.), Principles of forensic medicine, 1844; 4th ed., 1875.
- Half-yearly abstract of the medical sciences, 1860–5, 1869–73.
- HEISTER (L.), Medical ... cases and observations, 1755.
- HIPPOCRATES, Aphorismes, with short comment, 1655.
- & C. GALEN, Opera, R. Charterius ed., 16[38–89].
- HOFFMANN (F.), Medicinæ rationalis systematicæ t. 4 pars 5, 1739.
- HOOPER (R.), Lexicon medicum, or Medical dictionary, 4th ed., 1820; 8th ed., by K. Grant, 1848.
- Physician's vade mecum, 7th ed., by Guy and Harley, 1864.
- HUSAIN IBN ÂBD ALLAH, Avicennæ liber canonis, de medicinis cordialibus, cantica, de removendis nocumentis, etc., 1555. *
- Index in Avicennæ libros, 1557. *
- Index medicus, record of current literature, 1879, no. 1.
- KAISELICH-KÖNIGLICHE GESELLSCHAFT DER ÄRZTE, Vienna, Medizinische Jahrbücher, 1871–3.
- KEIL[L] (J.), Medicina statica Britannica, 1728.
- KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND, (*see*).

Medicine or Physic—continued.

- KING'S COLLEGE, LONDON, On the advantages of the study of botany to the student of medicine, lecture by R. Bentley, 1860.
- Sketch of the studies of a medical student, lecture by R. Bentley, 1861.
- On education, as illustrated by medical usages and experiences, lecture by W. A. Guy, 1868.
- LANCET, [journal of medicine, physiology, surgery, etc.,] 1823-79.
- LEEDS SCHOOL OF MEDICINE, Prospectus, 1877-9.
- LETTSON (J. C.), History of the origin of medicine, 1778.
- Selections from medical papers and correspondence, 1817.
- LIVERPOOL medical and surgical reports, 1869-71.
- London and Edinburgh monthly journal of med. science, 1842-55.
- London medical examiner, ed. by E. Crisp, 1850-1.
- London medical gazette, weekly journal, 1841-51.
- London medical practice, its sins and shortcomings, by a physician, [S. Dickson?] 1860.
- London medical repository, by G. M. Burrows, etc., 1814-26.
- London medical review, [medical and surgical science,] 1860-3.
- London practice of physic, 5th ed., 1792.
- LONDON SCHOOL OF MEDICINE FOR WOMEN, Inaugural address, by Mrs. Garrett-Anderson, 1877.
- M'GREGOR (J.), Medical sketches of the expedition to Egypt, from India, 1804.
- Madras quarterly journal of medical science, 1861-7.
- MANCLERC (Ja.), Collectanea medica, [17-?], ms. *
- MAYNE (R. G.), Medical vocabulary, 3rd ed., by J. Mayne, 1868.
- MEAD (R.), [Pharmacopœia, with Medical lectures, 1756-8?].
- MEADE (W.), Manual for students, 2nd ed., 1846.
- Medical and physical journal, medicine, surgery, etc., 1799-1814; London medical and physical journal, 1815-21.
- MEDICAL AND PHYSICAL SOC. OF BOMBAY, Transactions, 1857-62.
- Medical chronicle, Montreal journal of med. & surgery, 1858-9.
- Medical circular, journal of medicine, surgery, etc., 1864-5.
- Medical examiner, edited by O. Coles, 1876-8.
- Medical mirror, a monthly magazine, 1864-70.
- Medical press and circular, a weekly journal, 1866-71.
- Medical record, journal of medicine & surgery, New York, 1866-9.
- MEDICAL SOCIETY OF LONDON, Proceedings, 1875-7.
- MEDICAL SOCIETY OF THE COUNTY OF KINGS, Proceedings, 1877-80.
- Medical times, 1850-1; Medical times and gazette, 1852-79.
- Medico-chirurgical review, 1842-7.
- MILLAR (R.), Disquisitions in the history of medicine, 1811.
- Monthly gazette of health, [Popular medical journal,] 1816-20.

Medicine or physic—continued.

- MORRIS (R.), J. KENDRICK, & others, Edinburgh medical and physical dictionary, 1807.
- MOTHERBY (G.), New medical dictionary, 2nd ed., 1785.
- North American medico-chirurgical review, 1858–61.
- NYSTEN (P. H.), Dictionnaire de médecine, etc., 8me éd., 1840.
- PARKINSON (J.), Hospital pupil, 1800 ; 2nd ed., 1817.
- PAULI (F.), Die in der Pfalz Volksheilmittel, 1842.
- PERCIVAL (T.), Essays medical and experimental, 1767.
- PHOEBUS [PHÖBUS] (P.), Über die Naturwissenschaften als Gegenstand des Studiums, des Unterrichts und der Prüfung angehender Ärzte, 1849.
- PITCAIRNE (A.), or PITCARNIUS, Opuscula medica, 3rd ed., 1714.
- QUEEN'S COLLEGE, CORK, Address on medical education, by A. Fleming, 1850.
- QUINCY (J.), Medico-physical essays, 1728.
- Lexicon physico-medicum, or New medicinal dictionary, 4th ed., 1730 ; 6th ed., 1743 ; 7th ed., 1757 ; 8th ed., 1794.
- REECE (R.), Medical guide, for tropical climates, 1814.
- RIOLAN jeune (J.), Sure guide to physick, etc., 3rd ed., 1671.
- ROUCHER (C.), De l'autorité et de la responsabilité médicales dans l'armée, 1873.
- ROWLEY (W.), Rational practice of physic, 1793.
- ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, (*see*).
- ROYAL COLLEGE OF PHYSICIANS OF LONDON, (*see*).
- ROYAL MEDICAL AND CHIRURGICAL SOCIETY OF LONDON, Medico-chirurgical transactions, 1843–79.
- Proceedings, 1858–79.
- Catalogue of the library, 1879. *
- SALMON (W.), Medicina practica, or Practical physick, 1692, etc.
- SANCTORIUS (S.), Medicina statica, translated, 4th ed., 1728.
- SHAW (P.), New practice of physic, 3rd ed., 1730 ; 4th ed., 1735.
- SHEBBEARE (J.), Practice of physic, 1755.
- SOCIÉTÉ DE MÉDECINE DE GAND, Rapport sur le mémoire “Histoire des progrès de la médecine depuis le commencement de la 19^e siècle,” 1876.
- SOCIÉTÉ MÉDICALE D'EMULATION DE PARIS, (*see*).
- SOCIETY FOR THE PUBLICATION OF ANCIENT WELSH MSS., Physicians of Myddvai, Meddygon Myddfai, medical practice of Rhiwallon and his sons, about the middle of the 13th century, 1861.
- SOCIETY OF APOTHECARIES, Statement on the administration of the Apothecaries' act, with reference to medical reform, 1844.
- Address to general practitioners, 1844 ; 1845.
- Three reports on the incorporation of gen. practitioners, 1846.

Medicine or Physic—continued.

- SOCIETY OF PHYSICIANS IN LONDON, Medical observations and inquiries, 1763-76.
- STILLINGFLEET (B.), Miscellaneous tracts, 2nd ed., 1762.
- SYDENHAM (T.), Entire works, 2nd ed., by J. Swan, 1749.
- Opera omnia, edidit G. A. Greenhill, 1844.
- TACHENIUS (O.), Hippocrates chymicus, with Clavis, 1677; [1690].
- TAYLOR (A. S.), Manual of medical jurisprudence, 1844; 7 ed., 1861.
- On poisons, in relation to ... medicine, 2 ed., 1859; 3 ed., 1875.
- Principles and practice of med. jurisprudence, 2nd ed., 1873.
- THOMSON (A.), Family physician, 1801.
- THOMSON (A. T.), Domestic management of sick-room, 2 ed., 1845.
- THOMSON (G.), Galeno-pale, or Chymical trial of Galenists, 1665.
- Plano-pnigmos, or Gag for Johnson, 1665.
- THUDICHUM (J. L. W.), Annals of chemical medicine, 1879.
- TISSOT (S. A. D.), Advice to the people, 1765; 3rd ed., 1768.
- UNITED STATES OF AMERICA, ARMY MEDICAL DEPARTMENT, [Pamphlets in connection with exhibit, Internat. Exhibition, 1876].
- BUREAU OF EDUCATION, Contributions to the history of medical education and institutions in the U. S., by N. S. Davis, 1877.
- SURGEON GENERAL'S OFFICE, Reports on the materials available for a medical and surgical history of the Rebellion, 1865.
- , — Medical and surgical history of the War of the Rebellion, 1861-5, [by J. J. Woodward and G. A. Otis,] 1870-9.
- UNIVERSITY OF DURHAM COLLEGE OF MEDICINE, Prospectus, 1879.
- WALL (M.), Dissertations on select subjects in ... med., 1783.
- WHITLAW (C.), W.'s new medical discoveries, etc., 1829.
- WRIGHT (W.), Memoir, with papers on medical subjects, 1828.
- MEDICO-BOTANICAL SOCIETY OF LONDON. Transactions, 1832-3. London, 1834. 4 + 96 p.
- Medico-chirurgical review, and journal of practical medicine ; edited [partly] by J. Johnson and H. J. Johnson. London, 1842-7. Vol. 36-41 ; new ser., vol. 1-6.**
- Note.—See also British and foreign medico-chirurgical review, 1848-77.*
- Mediterranean.** PLANCHON (G.), Notes sur quelques produits [végétaux] de la région méditerranéenne, 1866.
- MEDLOCK (Henry). *See SCHÖDLER (F.), Book of nature, 1851.*
- Medulla medicinæ universæ.**
- Medulla medicinæ universæ: new compendious dispensa[to]ry; compiled, for the military hospital abroad, by the king's physicians and surgeons, the surgeon general, and apothecary general, of the army; [with] English translation [and] comment. London, 1747. 2 + 6 + 62 p.
- Same.* Fourth edition [by J. Theobald ?]. Lond., 1752. 12 + 226 p.

MÉHU (C.).

Des liquides de l'hydrocèle de la tunique vaginale, et de l'hydrocèle enkystée de l'épididyme. [Paris, 1875.] 12 p., n. t.-p.

Nouvelles recherches sur les liquides pathologiques de la cavité pleurale. [Paris, 1875.] 16 p., n. t.-p.

Sur les différents modes d'administrer le phosphore en nature. [Paris, 1875.] 12 p., n. t.-p.

Sulfure de mercure cristallisé par voie humide; [2, Note pour servir à l'histoire des accidents toxiques produits par l'arsenic dans les fabriques de couleurs d'aniline; 3, Acide nitrique alcoolisé, sa coloration en vert. Paris, 1876]. 8 p., n. t.-p.

See also Annuaire de la pharmacie, 1876.

See also Annuaire pharmaceutique, 1872–4.

See also Journal de pharmacie et de chimie, 1873–9.

MEISSNER (Mathias).

See LÉNSTRÖM (C. J.), New method of learning Swedish language, 4th ed., 1878.

See LUND (H.), New method of learning Danish lang., 4 ed., 1877.

Melbourne. *See* MELBOURNE PUBLIC LIBRARY;—PHARMACEUTICAL SOCIETY OF VICTORIA;—ROYAL SOCIETY OF VICTORIA;—VICTORIAN CHEMISTS' ASSISTANTS' ASSOCIATION.

—. Intercolonial Exhibition, 1866.

See BLEASDALE (J. J.), On gems and precious stones, 1867.

See MCCOY (F.), On recent zoology and palæontol. of Victoria, 1867.

See VICTORIA, REGISTRAR GENERAL, Exposition intercolonial, progrès de Victoria, 1835–66.

—. Victorian Exhibition, 1861. *See* VICTORIA, VICT. EXHIBITION.

MELBOURNE PUBLIC LIBRARY. Catalogue of the M. P. L. for 1861.

[Melbourne, 1861.] 64 + 582 + 2 + 28 + 36 p.

Memoirs. *See* Biography.

Memoirs of an assistant commissary-general. *See* HEAD (G.), Home tour through various parts of the United Kingdom, etc., 1837.

Menalcas, [pseud.]. *See* CLARK (B.), Remarks on Fr. shoeing, 1830.

Menispermum. COLEBROOKE (H. T.), On the Indian species, [1822].

Mensuration, Technical.

HUNTER (Rev. J.), Key to Merrifield's Tech. arithmetic, etc., 1873.

MERRIFIELD (C. W.), Technical arithmetic and mensuration, 1872.

Mental education. FARADAY (M.), Observations, 1855.

MÉRAT (François Victor) & A. J. DE LENS. Dictionnaire universel de matière médicale et de thérapeutique générale. Paris, 1829–46. 7 tomes, *tome 7 being entitled "Supplément."*

Merchandise. NEMNICH (P. A.), [Universal European dictionary of merchandise in the Eng., Ger., Dutch, Dan., Swed., Fr., Ital., Span., Portug., Russ., Polish and Latin languages, 1799].

Mercury.

FRASER (T. R.), Sketch of the present state of our knowledge respecting the action of mercury on the liver, 1871.

HOCKEN (E. O.), On the comparative value of the preparations of mercury and iodine in syphilis, [1844 ?].

L. (J. L.), [Chemico-medical diss. on the uses of mercury, 1774 ?].

PHILIP (A. P. W.), On the influence of minute doses of mercury in restoring health, 2nd ed., 1835.

WALKER (R.), Account of ... production of artificial cold, with experiments on the congelation of quicksilver in England, 1796.

Mercury, Ammoniated. FLÜCKIGER (F. A.), Zersetzung des weissen Präcipitats durch Jod, [1875].

Mercury, Sulphate of. MÉHU (C.), Sulfure de mercure cristallisé par voie humide, [1876].

MERE PHANTOM, A, [pseud.]. The magic lantern : how to buy, and how to use it. London, 1866. 62 p.

MERLETTA (Vincenzo Frosina).

Cenno sopra un nuovo rimedio [permanganato di potassa] da servire come mezzo igienico come profilattico o preservativo e forse come curativo contro il cholera-morbus. Catania, 1866. 16 p.

Appendice al Cenno sul nuovo rimedio contro il cholera-morbus. Catania, 1866. 16 p.

MERRIFIELD (Charles Watkins).

Technical arithmetic and mensuration. London, 1872. 2 + 10 + 308 p. (Text-books of science.)

See also HUNTER (J.), Key to M.'s Technical arithmetic, etc., 1873.

See also Text-books of science, edited partly by C. W. M.

Mesmerism. See **Magnetism, Animal.**

Metallurgy and Metals, including Assaying.

ACCUM (F.), Practical treatise on chemical tests, with directions for analysing metallic ores, metals, etc., 2nd ed., 1818.

AITKEN (W. C.), Electroplate, 2nd ed., 1878.

ARLENSIS DE SCUDALUPIS (P.), Sympathia septem metallorum ac septem selectorum lapidum ad planetas, 1610. *

BERTHIER (P.), Traité des essais par la voie sèche, ou des propriétés, de la composition, et de l'essai des substances métalliques, 1834.

BEVAN (G. P.), Industrial classes and statistics, 1876.

BLOXAM (C. L.), Metals, 2nd ed., 1871.

BOYLE (R.), Tracts, [Observations about the growth of metals in their ore exposed to the air,] 1674.

CRAMER (J. A.), Elements of the art of assaying metals, 1741.

DE LA BECHE (H. T.), Mining, quarrying, and metallurgical processes and products, 1852.

Metallurgy and Metals,—continued.

- GLAUBER (J. R.), Works, containing secrets in the working of metallick mines, the separation of metals, etc., 1689.
- GORE (G.), Art of electro-metallurgy, 1877.
- HIGGINS (B.), Experiments and observations relating to acetous acid, metallic reduction, etc., 1786.
- MITCHELL (J.), Manual of practical assaying, 1846 ; 2nd ed., 1854 ; 3rd ed., 1868.
- PERCY (J.), Metallurgy of lead, 1870.
- Metallurgy, introd., refractory materials, and fuel, rev. ed., 1875.
- PHILLIPS (J. A.), Manual of metallurgy, 1852.
- Elements of metallurgy, 1874.
- RICHARDSON (W.), Chemical principles of the metallic arts, with an account of diseases incident to artificers, 1790.
- SMEE (A.), Elements of electro-metallurgy, 1841.
- SMYTH (W. W.), Metallic mining and Collieries, 2nd ed., 1878.
- WOOD (T.), Notes on the metals, 1868.

Meteorology.

- BOUSSINGAULT (J. B. J. D.), Rural economy, in its relations with chemistry, physics, and meteorology, 2nd ed., 1845.
- DALTON (J.), Meteorological observations and essays, 2nd ed., 1834.
- DELTEIL (A.), La vanille, [avec Résumé des observations météorologiques faites à l'île de Réunion,] 1878.
- MÜLLER (J.), Principles of physics and meteorology, 1847.
- PROUT (W.), Chemistry, meteorology, and digestion, considered with reference to natural theology, [2nd ed.,] 1834.
- SAUL (E.), Historical and philosophical account of the barometer, the atmosphere and its gravitation, and rational account and judgment of the weather, 2nd ed., 1735.
- SMITHSONIAN INSTITUTION, Results of observations at Marietta, Ohio, by S. P. Hildreth [and] J. Wood, etc., 1868.
- UNITED STATES OF AMERICA, WAR DEPARTMENT, Signal service meteorological record, Nov. 22, 1872. 3 issues.
- , — Weather map, signal service, Nov. 22, 1872. 3 issues.

Metric system. See Weights, Measures, and Coins.

METROPOLITAN DRAPERS' ASSOCIATION. *See* DAVIES (T.), Prize essay on the evils produced by late hours of business, 1843.

Mexico.

- GODMAN (F. D.) & O. SALVIN, Biologia Centrali-Americana, [1879,] Botany, by W. B. Hemsley. *
- HUMBOLDT (F. H. A. v.) & A. BONPLAND, Plantes équinox., 1808-9.*
- MEYKE (Wilhelm). Beiträge zur Ermittelung einiger Hopfen-Surrogate im Biere; Dissertation. Libau, 1878. 44 p. + 1 tab. (Kaiserliche Universität Dorpat.)

MIALHE (Louis).

Du rôle chimique de l'acide carbonique dans l'économie animale.

[Paris, 1856?] 16 p.

Recherches sur la digestion, l'assimilation et l'oxydation organique ou vitale. Paris, 1879 [p. 1878]. 100 p.

See also EDWARDS (H. M.) & P. VAVASSEUR, Nouveau formulaire pratique des hôpitaux, 4me éd., 1841.

MICHIGAN UNIVERSITY. *See* UNIVERSITY OF MICHIGAN.

Micro-chemistry of poisons. *See* WORMLEY (T. G.), 1867.

Microcosmic salt. *See* DALTON (J.), On phosphates, etc., 1840-2.

Micrographic dictionary. *See* Microscopy.

Microscopy.

BEALE (L. S.), How to work with the microscope, 1857-9; 4th ed., 1868; 5th ed., 1880. *

— The microscope in medicine, 4th ed., 1878 [p. 1877].

CARPENTER (W. B.), The microscope, 3rd ed., 1862; 5th ed., 1875.

DAVIES (T.), Preparation and mounting of objects, [187-?].

GRIFFITH (J. W.), Elementary text-book of the microscope, 1864.

— & A. HENFREY, Micrographic dictionary, guide to examination and investigation of objects, 2nd ed., 1860; 3rd ed., 1875. *

HOGG (J.), The microscope, its history, etc., new ed., [1867?].

Intellectual observer, review of microscopic research, 1866-8.

Quarterly journal of microscopical science, 1853-79.

QUEKETT (J.), Practical treatise on the microscope, 2nd ed., 1852.

ROYAL MICROSCOPICAL SOCIETY OF LONDON, Transactions, 1853-68.

SCHACHT (H.), The microscope in its application to vegetable anatomy and physiology, transl. by F. Currey, 1853.

SUFFOLK (W. T.), On microscopical manipulation, 1870.

— On spectrum analysis applied to microscop. observation, 1873.

VARLEY (C.), Improvements in the vial microscope, 1834.

Middlesex. TRIMEN (H.) & W. T. T. DYER, Flora of Middlesex, with sketches of its physical geography and climate, etc., 1869.

MIDDLESEX HOSPITAL, London. Pharmacopœia Nosocomii Middlesexensis. Londini, 1844. 48 p.

Midwifery. (*See also* Cæsarean operation.)

ALLEN (J.), Synopsis medicinæ, with cases in midw., 4 ed., 1761.

SMELLIE (W.), Treatise on midwifery, 2nd ed., 1752.

SPENCE (D.), System of midwifery, 1784.

MIERS (John). On the apocynaceæ of South America, with some preliminary remarks on the whole family. London, 1878. 2+292 p. + 35 pl. *

Mildew. COOKE (M. C.), Rust, smut, mildew, and mould, 1865.

MILITARY HOSPITAL. *See* Medulla medicinæ universæ, new compendious dispensa[to]ry, 1747; 4th ed., 1752.

Milk.

- BAINES (M. A.), The comparative properties of human and animal milks, 1860.
- BALLARD (E.), On a localised outbreak of typhoid fever in Islington, traced to the use of impure milk, 1871.
- DRAGENDORFF (G.), Chemische Untersuchung der Radix Corniolæ, [Mengenbestimmung einzelner Bestandtheile der Kameelmilch, 1866].
- PERCIVAL (T.), Essays, resemblance between chyle and milk, 1767.
- TARASZKEWICZ (E.), Einige Methoden zur Werthbestimmung der Milch, 1873.
- WANKLYN (J. A.), Milk-analysis, 1873.
- MILLAR (James). Elements of chemistry, with its application to explain the phenomena of nature and the processes of arts and manufactures. Edinburgh, 1820. 14 + 466 p. + 3 pl.
- MILLAR (Richard). Disquisitions in the history of medicine; part 1, exhibiting a view of physic during remote periods, in Europe and the East. Edinburgh, 1811. 4 + 340 p.
- MILLER (Henry J.). See HOGG (J.), Sur les erreurs d'interprétation ayant rapport spécialement à l'examen des écailles d'insectes, 1876.
- MILLER (Philip). Abridgement of the Gardener's dictionary: containing methods of cultivating and improving the kitchen, fruit, flower garden, and nursery; as also for performing the practical parts of husbandry: with the management of vineyards, methods of making wine in England, [and] directions for propagating and improving pasture lands and timber trees. Fifth edition. London, 1763. [928] p. + 13 pl.
- MILLER (William Allen).
- Elements of chemistry. London, 1855-7. 3 pts.
 - 1. Chemical physics.—2. Inorganic chemistry.—3. Organic chemistry.
 - Same.* Second edition. London, 1860-2. 3 pts.
 - Same.* Third edition. London, 1863-7. 3 pts.
 - Same.* Fourth edition. London, 1868-9. Pts. 2-3.
 - Same.* Fifth edition, by H. McLeod. London, 1872-4. Pts. 1-2.
 - Same.* Sixth edition, by H. McLeod [and C. E. Groves]. London, 1877-8. Pts. 1-2.
 - Introduction to the study of inorganic chemistry. New edition. London, 1871. 4 + 12 + 304 p. (Text-books of science.)
- MILLER (William Hallows). Treatise on crystallography. Cambridge, 1839. 8 + 140 p. + 10 pl.
- MILNE (Alexander).
- Manual of materia medica and therapeutics. Third edition, by W. Craig. Edinburgh, 1876. 12 + 328 p.
 - Same.* By W. Craig; fourth edition. Edinburgh, 1879. 8 + 444 p.

Mineral acids. FLÜCKIGER (F. A.), Über die Nachweisung freier Mineralsäuren durch Colchicin, [1876].

Mineral waters. *See Water.*

Mineralogy. (*See also Blowpipe;—Metallurgy;—Mines, etc.*)

AIKIN (A. & C. R.), Dictionary of chemistry and min., 1807.

— Account of recent discoveries, appendix to Dictionary, 1814.

Annals of philosophy, or Magazine of ... mineralogy, 1813–26.

ANSTED (D. T.), Non-metallic mineral manufactures, 1853.

— Elementary course of geology, mineralogy, etc., 2nd ed., 1856.

BABINGTON (W.), Systematic arrangement of minerals, 1795.

— New system of mineralogy, after Born, 1799.

BROOKE (H. J.), Familiar introduction to crystallography, including an alphabetical arrangement of minerals, etc., 1823.

BUCKLAND (W.), Geology and mineralogy considered with reference to natural theology, 1836.

CRONSTEDT (A. F.), Essay towards a system of min., 2nd ed., 1788.

DANA (J. D.), System of mineralogy, 2nd ed., 1844; 5th ed., 1868.

FUCHS (J. N. v.), Gesammelte Schriften, 1856.

HAIDINGER (W. R. v.), Handbuch der bestimmten Mineralogie, 2e Ausg., 1850.

HAUSMANN (J. F. L.), Handbuch der Mineralogie, 2 Ausg., 1828–47.

Jahresbericht über die Fortschritte der reinen, pharmaceutischen und technischen Chemie, Mineralogie, etc., [für] 1851[–6].

— Eng., Annual report of progress of chem., etc., [vol. for 1847–50].

JAMESON (R.), System of mineralogy, 3rd ed., 1820.

KENSINGTON (E. T.), Chemical composition of ... minerals, 1877.

KIRWAN (R.), Elements of mineralogy, 2nd ed., 1794–6.

KLAPROTH (M. H.), Mémoires de chimie, contenant des analyses de minéraux, 1807.

NAUMANN (C. F.), Elemente der Mineralogie, 4e Aufl., 1855.

ROSE (G.), Das krystallo-chemische Mineralsystem, 1852.

SCHMEISSER (J. G.), System of mineralogy, 1795.

SCHÖDLER (F.), Book of nature, ed. by H. Medlock, 1851.

STEPHENSON (J.), Medical zoology and mineralogy, 1838. *

WALLERIUS (J. G.), Minéralogie, 1753.

WERNER (A. G.), Treatise on the external characters of minerals, 1849–50.

Mines and Mining. (*See also Quarries.*)

BEVAN (G. P.), Industrial classes and statistics, 1876.

DE LA BECHE (H. T.), Mining ... processes and products, 1852.

SMYTH (W. W.), Metallic mining and Collieries, 2nd ed., 1878.

URE (A.), Recent improvements in arts ... and mines, 2 ed., 1851.

— Dictionary of arts, manufactures, and mines, 4th ed., 1853; 5th ed., 1860; 6th ed., 1872 *; 7th ed., 1878, suppl. *

MÍQUÉL (Frederik Anton Willem).

Illustrationes piperacearum. 88 p. + 92 pl. (*In ACADEMIA CÆSAREA LEOP.-CAR. NAT. CUR.*, Nova acta, 1846, v. 21, suppl.)

See also SIEBOLD (P. F. v.) & J. G. ZUCCARINI, Flora Japonica, 1835-70.

MITCHELL (Arthur). *See* BELLINGHAM (O'B.), Elements of materia medica and pharmacy, 1841.

MITCHELL (John).

Manual of agricultural analysis. Lond., 1845. 8 + 140 p. + 3 tab.

Manual of practical assaying. London, 1846. 18 + 426 p.

Same. Second edition. London, 1854. 12 + 568 p. (Library of illustrated standard scientific works, vol. 11.)

Same. Third ed., by W. Crookes. Lond., 1868. 34 + 698 + 58 p.

MITCHELL (Rev. Walter). On the geometrical isomorphism of crystals and the derivation of all other forms from those of the cubical system. London, [1868]. 2 + 68 p. + 4 pl.

MITSCHERLICH (Carl Gustav).

Lehrbuch der Arzneimittellehre. Zweite Auflage. Berlin, 1847-9.

Bd. 1-2.

Same. [Erste Auflage.] Berlin, 1851-4. Bd. 3, Abth. 1-2.

MITSCHERLICH (Eilhardt). Practical and experimental chemistry adapted to arts and manufactures; translated from the [German] Compendium, by S. L. Hammick. London, 1838. 12 + 316 p.

Mohair. *See* Worsted.

MOHL (Hugo von). Principles of the anatomy and physiology of the vegetable cell; translated [from the German] by A. Henfrey. London, 1852. 8 + 158 p. + 1 pl.

MOHR (Carl Friedrich).

Lehrbuch der pharmaceutischen Technik, von F. M. Dritte Auflage. Braunschweig, 1866. 14 + 568 p. + 1 pl. + 1 tab.

Eng. Practical pharmacy; by Francis [*sic*] Mohr and T. Redwood; [translation, with additions]. London, 1849. 8 + 390 + 2 p. 2 copies.

See also GERMANY, Pharmacopœia, Commentar, von F. M., 1874.

See also PRUSSIA, Commentar zur preussischen Pharmacopœ, nebst Übersetzung, 3e Aufl., von F. M., 1863.

Molecular physics. TYNDALL (J.), Contributions to molecular physics in the domain of radiant heat, 1872.

MØLLER (Peter). On the manufacture of cod liver oil. Christiania, 1862. 22 p.

Mollusca. HOGG (J.), The lingual membrane of mollusca, 1868.

Money. (*See also* Weights, Measures, and Coins.)

[KENNEDY (J.,)] Paper versus gold-money, 2nd ed., 1847.

MONGE (Gaspard ?). *See* Annales de chimie.

MONRO sen. (Alexander). Anatomy of the human bones, nerves and lacteal sac and duct. Eighth ed. Edin., 1768. 10 + 410 p.

Note.—The osteology has a separate index; the anatomy of nerves, etc., has a separate title-page and preface.

MONRO (Donald).

Treatise on mineral waters. London, 1770. 2 vol.

Appendix or Supplement to M.'s Treatise on medical and pharmaceutical chymistry, and the *materia medica*: making vol. 4. London, 1790. 4 + 306 p.

MONS ([Jean Baptiste?] VAN). *See Annales de chimie.*

MONTAGNE (Pierre Camille or Jean François Camille). C. M., botaniste; [biographie et liste de travaux scientifiques,] par P. A. Cap. Paris, 1866. 8 + 98 p. + por.

Montevideo. GIBERT (E.), *Enumeratio plantarum*, 1873.

MONTGOMERY (Howard B.). *See Madras quarterly journal of medical science*, 1862–5.

MONTGOMERY (William F.). *See KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND*, Observations on the Dublin pharmacopœia, with translation, by F. Barker and W. F. M., 1830.

Monthly gazette of health; [or, Popular medical, dietetic, and general philosophical journal,] by R. Reece. [Lond., 1816–20.] Vol. 1–4.

Note.—Vol. 2 is of the 3rd ed.; vol. 3–4 are of the 4th ed.

Monthly journal of medical science [*or medicine*]. *See London and Edinburgh monthly journal of medical science.*

Monthly journal of science. *See Journal of science.*

Monthly retrospect of the medical sciences. *See London and Edinburgh monthly journal of medical science.*

Montpellier.

See ÉCOLE SUPÉRIEURE DE PHARMACIE DE MONTPELLIER.

See PLANCHON (G.), *Matériaux pour la flore médicale de M.*, 1868.

Montreal. *See NATURAL HISTORY SOCIETY OF MONTREAL.*

MOORE (Frederic). Notes on the silk-producing insects of India and its adjacent countries. [London, 1862.] 8 p., n. t.-p.

MOORE (Spencer Le Marchant). *See Journal of botany*, 1877–9.

MOORE (Thomas).

Handbook of British ferns; comprising scientific and popular descriptions, engravings, and instructions for cultivation. Second edition. London, 1853. 4 + 232 p.

See also BAILDON (H. C.), *Specimens of nat.-printed ferns*, 1869.

See also LINDLEY (J.) & T. M., *Treasury of botany*, a popular dictionary of the vegetable kingdom, 1866; new ed., 1874.

MOORE (William D.). Outline of the history of pharmacy in Ireland. Dublin, 1848. 40 p.

MOQUIN-TANDON (Horace Bénédict Alfred).

Elements of medical zoology, by A. M.; tr. [from the French] and edited by R. T. Hulme. London, 1861. 2 + 14 + 424 p.

Éléments de botanique médicale, par A. M. Seconde édition. Paris, 1866. 20 + 544 p.

MORANDI (Joannes Baptista). Historia botanica practica, seu Plantarum, quæ ad usum medicinæ pertinent, nomenclatura, descriptio, et virtutes. Mediolani, 1761. 14 + 164 p. + 68 pl. *

MOREL (Julius).

Turpentines and resinous products of the coniferæ. [London, 1877-79.] 24 p., n. t.-p.

See also DRAGENDORFF (G.), Sur la recherche des substances amères dans la bière, 1874;—Analyse chimique de quelques drogues actives et de leur préparations pharmaceutiques, 1876.

See also HIRSCHSOHN (E.), Étude comparative du galbanum et de la gomme ammoniaque, etc., 1876.

See also SOCIÉTÉ DE MÉDECINE DE GAND, Rapport sur le mémoire "Histoire des progrès de médecine mentale," 1876;—Rapport sur les inconvénients que présentent les tuyaux en plomb, 1877.

MORELL (J. D.).

Grammar of the English language, with exposition of the analysis of sentences. New edition. London, [1865?]. 4 + 124 p.

Series of graduated exercises adapted to Grammar and analysis. New edition. London, [1865?]. 64 p.

MORFIT (Campbell).

Chemical and pharmaceutic manipulations. London, 1850. 484 p. + 2 pl.; wanting p. 17-24, probably not printed.

See also BOOTH (J. C.) & C. M., Report on recent improvements in chemical arts, 1851.

MORGAN (John) & T. ADDISON. Essay on the operation of poisonous agents upon the living body. London, 1829. 8 + 92 p.

Morphia or Morphine.

DRAGENDORFF (G.), Beiträge für den gerichtlich-chemischen Nachweis des Morphins in thierischen Flüssigkeiten, etc., [1868].

FRICKER (E.), Über die Bestimmung des Morphingehaltes in den Opiumpräparaten, 1874.

MORRIS (James). Germinal matter and the contact theory: essay on the morbid poisons. Second ed. London, 1867. 8 + 112 p.

MORRIS (Robert), J. KENDRICK, & others. Edinburgh medical and physical dictionary. Edinburgh, 1807. 2 vol., 66 pl.

Mortality. GREAT BRITAIN AND IRELAND, ROYAL COMMISSION ... SANITARY STATE OF THE ARMY, Mortality of the British army, compared with mortality of civil population in England, 1858.

Mortola. FLÜCKIGER (F. A.), Easter holiday in Liguria, etc., 1877.

MORTON (W. J. T.).

Manual of pharmacy for the student of veterinary medicine; containing the substances employed at the Royal Veterinary College, and the pharmacopœia of that institution. Second edition. London, [1839?]. 10 + 296 p. + 1 tab.

Same. Third edition. London, [1843?]. 352 p. + 1 tab.

Same. Sixth edition. London, 1860. 2 + 544 + 6 p. + 1 tab.

Same. Seventh ed. Lond., 1868 [p. 1867]. 16 + 568 p. + 1 tab.

See also Veterinarian, 1857-67.

MORWYNG (Peter). *See GESNER (C.), Treasure of Evonymus, 1559.***Moscow.** *See ACADEMIA IMPERIALIS MEDICO-CHIRURGICA MOSQUENSIS.*

See also KAISERLICHE UNIVERSITÄT ZU MOSKAU.

MOSELEY (Henry). Treatise on hydrostatics and hydrodynamics.

Cambridge, 1830. 12 + 290 p. + 4 pl.

Mosses.

GARDINER (W.), Twenty lessons on British mosses, 1846.

HOLMES (E. M.) & F. BRENT, Mosses of Devon and Cornwall, [1868-9?].

WEST (W.), On mosses, 1878.

MOTHERBY (G.). New medical dictionary; or General repository of physic. Second edition. London, 1785. 6 + 716 p. + 26 pl.; wanting pl. 3-10, 13, 15-17.**Motion.**

KENRICK (W.), Lecture on the perpetual motion, 1771.

TYNDALL (J.), Heat a mode of motion, 2nd ed., 1865; 5th ed., 1875.

Mould. COOKE (M. C.), Rust, smut, mildew, and mould, 1865.

MOUSNIER (Jules). Les champignons dans le département de la Charante-inférieure; thèse. Paris, 1873. 74 p. (École supérieure de pharmacie de Paris.)

Moutabea. MARTIUS (C. F. P. v.), Über die Stellung der Pflanzengattungen Moutabea ... im natürlichen Systeme, 1856.

MOWBRAY (G. M.). Conspectus of the pharmacopœias of London, Edinburgh, Dublin, Paris, and the United States. Pages 1-96. (*In Pharmaceutical times, 1846-7, vol. 1-2.*)

Mud-baths. HAMBERG (N. P.), Undersökning af badgjytjan vid Marstrand, 1878.

MUELLER. *See MÜLLER.*

MUIR (Matthew Moncrieff Pattison).

See FLEISCHER (E.), System of volumetric analysis, transl., 1877.

See THORPE (T. E.) & M. M. P. M., Qualitative analysis, 1874.

MULDER (Gerrit Jan).

Liebig's question to Mulder tested by morality and science; translated by P. F. H. Fromberg; [with introduction by J. F. W. Johnston]. London, 1846. 8 + 124 p.

MULDER (Gerrit Jan)—*continued.*

Chemistry of vegetable and animal physiology; translated by P. F. H. Fromberg; with introduction and notes by J. F. W. Johnston. Edin. and London, 1849. 12 + 828 + 28 p. + 20 pl.

Chemistry of wine; [translated from the German, and] edited by H. B. Jones. London, 1857. 12 + 392 p.

De la bière: sa composition chimique, sa fabrication, son emploi comme boisson; traduit du hollandais par A. [A.] Delondre. Troisième édition. Paris, 1865. 8 + 444 p.

MÜLLER (Baron Ferdinand von).

See BENTHAM (G.) & F. v. M., Flora Australiensis, 1863–78.

See VICTORIA, VICTORIAN EXHIBITION, Catalogue, with prefatory essays, 1861;—Die Colonie Victoria, 1861;—Essais divers, 1861.

See WITTSTEIN (G. C.), Organic constituents of plants, 1878.

MÜLLER (Jean Baptiste). Botanisch-prosodisches Wörterbuch nebst einer Charakteristik der wichtigsten natürlichen Pflanzenfamilien. Brilon, 1841. 512 p.

MÜLLER (Johann). Principles of physics and meteorology; [translated from the German by E. C. Otté?]. London, 1847. 10 + 582 p. + 2 col. pl. (Library of illust. standard scientific works, v. 1.)

Munich or München.

See KÖNIGLICHE BAYERISCHE AKADEMIE DER WISSENSCHAFTEN.

See POLYTECHNISCHER VEREIN FÜR DAS KÖNIGREICH BAYERN.

Municipal corporation boundaries. GREAT BRITAIN AND IRELAND, HOUSE OF COMMONS, Municipal corpor. bound., reports, etc., 1837.

MUNK (William). *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, Roll of the R. C. of P. from 1518 to 1825, 2nd ed., 1878.

MURCHISON (Sir Roderick Impey). *See* BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, Address by president, 1846.

MURRAY (Andrew). Economic entomology, aptera. [London, 1877?] 2 + 22 + 434 + 8 p. (GREAT BRITAIN & IRELAND, COMMITTEE OF COUNCIL ON EDUCATION, South Kensington Museum science hand-books.)

MURRAY (Carlos).

Tratado de farmacia y farmacognosia. B.-Ayres, 1866. 12 + 680 p.

Apuntes para la historia de la farmacia argentina. [Buenos-Ayres, 1867.] 24 p., n. t.-p.

MURRAY (Dr. John).

Elements of materia medica and pharmacy. Edin., 1804. 2 vol.

System of chemistry. Edinburgh, 1806–7. 4 vol., 8 pl.

System of materia medica and pharmacy: [including a translation of the processes of the Edinburgh pharmacopœia]. Edinburgh, 1810. 2 vol.

Same. Including translations of the Edinburgh, London, and Dublin pharmacopœias; second edition. Edin., 1813. 2 vol.

MURRAY (John). Experimental researches on the light and luminous matter of the glow-worm, the luminosity of the sea, the phenomena of the chameleon, the ascent of the spider into the atmosphere, and the torpidity of the tortoise, &c. Glasgow, 1826. 178 p.

Muscular system. WILSON (J. A.), On spasm, languor, *etc.*, 1843.

MUSÉUM D'HISTOIRE NATURELLE DE PARIS. *See* SOCIÉTÉ BOTANIQUE DE FRANCE, Bombardement du Mus., rapport par A. Delondre, 1871.

Museums. *See* BETHNAL GREEN BRANCH MUSEUM;—BIRMINGHAM FREE ... MUSEUM;—BRITISH MUSEUM;—INDIA MUSEUM;—MUSÉUM D'HISTOIRE NATURELLE DE PARIS;—ODONTOLOGICAL SOCIETY OF GREAT BRITAIN;—PHARMACEUTICAL SOCIETY OF GREAT BRITAIN;—RACKSTROW;—RAFFLES ... MUSEUM;—ROYAL COLLEGE OF SURGEONS OF ENGLAND;—ST. THOMAS'S HOSPITAL;—UNITED STATES OF AMERICA, ARMY MEDICAL DEPARTMENT;—VICTORIAN CHEMISTS' ASSISTANTS' ASSOCIATION.

Music. *Athenæum*, journal of literature, ... music, *etc.*, 1871–9.

Musical instruments. RIMBAULT (E. F.), Mus. inst., 2nd ed., 1878. MUSPRATT (James Sheridan).

Chemistry, theoretical, practical, and analytical, as applied and relating to the arts and manufactures. Glasgow, [1853–61]. 2 vol., 14 por.

Same. [New edition, by C. W. Vincent and others.] London, [1877–9?]. 2 vol., *in 8 divisions*, 53 pl. *

See also PLATTNER (C. F.), Use of the blowpipe, 2nd ed., 1850.

MUSSAT (E.). *See* BAILLON (H. E.), Dictionnaire de botan., 1876–9.

MUSSGILLER (Frederick C.). Note on collodion. (*In* SQUIBB, E. R., Report on U. S. pharmacopœia, *etc.*, 1870, p. 66–8.)

MUTER (John).

Key to organic *materia medica*; adapted for the museum of the South London School of Pharmacy. London, 1873. 6 + 148 p.

Same. Second edition. London, 1878. 36 + 482 + 80 p.

Introduction to pharmaceutical and medical chemistry; arranged on the principles of the lectures delivered at the South London School of Pharmacy. London, [1874]. 14 + 786 p. + 1 tab.

Same. [Second edition, part 1:] theoretical and descriptive. London, [1879]. 16 + 424 p.

Introduction to analytical chemistry: practical portion [or part 2] of the [Introduction to] pharmaceutical and medical chemistry. Second edition. London, [1878]. 12 + 240 p.

See also Analyst, 1877–9.

MUTIS (José Celestino).

See GREAT BRITAIN AND IRELAND, INDIA OFFICE, Chinchona species of New Granada, containing descriptions by M., *etc.*, 1867.

See LINNÉ (C. v.), Selection of correspondence of Linnæus, 1821.

MUYS (Joannes). Rational practice of chyrurgery: or, Chyrurgical observations resolved according to the solid fundamentals of true philosophy; [tr. from the Latin by J. W.]. Lond., 1686. 16 + 248 p.

Mycetoma. HOGG (J.), M., the fungus-foot disease of India, 1872.

Mycographia or Mycology. See **Fungi.**

Myddvai. See **SOCIETY FOR THE PUBLICATION OF ANCIENT WELSH MSS., Physicians of Myddvai, Meddygon Myddfai,** 1861.

Myxomycetes. ROSTAFINSKI (J. T. v.), Contributions to mycologia Britannica, translated by M. C. Cooke, 1877.

N. (F.). See **PICARD (H.)**, New dictionary, Eng. and Dutch, 1877.

NÄGELI (Carl). Memoir on vegetable cells; translated [from the German] by A. Henfrey. (In **RAY SOCIETY**, Reports on botany, 1845, p. 213–92, pl. 6–7.)

Nails. AITKEN (W. C.), Guns, Nails, etc., 2nd ed., 1878.

Naphtha. HOCKEN (E. O.), Practical inquiry into the value of medicinal naphtha in tubercular phthisis, 1844.

NAPIER (James).

Manual of the art of dyeing, [including chemistry]. Glasgow, 1853. 16 + 408 p.

Manual of dyeing and dyeing receipts, comprising a system of elementary chemistry, with receipts for dyeing any colour on, [and coloured patterns of,] cotton, silk, and wool. Third edition [of the preceding work]. London, 1875. 28 + 420 p.

NAQUET (Joseph Alfred). Principles of chemistry, founded on modern theories, by A. N.; translated from the second [French] edition by W. Cortis; revised by T. Stevenson. London, 1868. 28 + 848 p. 2 copies.

Narceine. SCHMEMANN (B.), Beiträge zu dem gerichtlich-chemischen Nachweis des Narcein's in thierischen Flüssigkeiten, etc., 1870.

Narceine, Hydrochlorate of. PETIT (A.), Conservation de l'acide hydrocyanique, Chlorhydrate de narcéine, etc., 1873.

Narcotine. DRAGENDORFF (G.), Beiträge für den gerichtlich-chemischen Nachweis des Narkotins in thierischen Flüssigkeiten und Geweben, [1868].

NATIONAL ASSOCIATION OF GENERAL PRACTITIONERS. See **SOCIETY OF APOTHECARIES**, Address to general practitioners, 1845;—Three reports by the joint deputation, 1846.

NATIONAL CONVENTION FOR REVISING THE PHARMACOPÆIA, formerly NATIONAL MEDICAL CONVENTION, Washington.

Pharmacopœia of the United States of America. [Second decennial revision.] Philadelphia, 1842. 24 + 280 p.

Same. [Third decennial revision.] Phila., 1851. 24 + 318 p.

Same. Second edition [of third rev.]. Phila., 1855. 24 + 318 p.

- NATIONAL CONVENTION FOR REVISING THE PHARMACOPÆIA—*continued.*
 Pharmacopœia of the United States of America—*continued.*
Same. Fourth decennial revision. Phila., 1864. 28 + 400 p.
Same. Fifth decennial revision. Phila., 1873. 22 + 384 p. 2 copies.
See also ATTFIELD (J.), Chemistry, 3rd ed., 1871; 5th ed., 1873; 7th ed., 1876; 8th ed., 1879.
See also MOWBRAY (G. M.), Conspectus of pharmacopœias, 1846-7.
See also SQUIBB (E. R.), Report on the U. S. pharmacopœia. 1870;—Notes on the revision in 1880, 1879.
See also, in additions, AMER. PHARM. ASSOC., Report, 1880.
- NATIONAL DENTAL HOSPITAL AND COLLEGE, London. [Report, prospectus, etc.] London, [1879]. 44 p.
- National dispensatory. *See* STILLÉ (A.) & J. M. MAISCH, 1879.
- NATIONAL MEDICAL CONVENTION, Washington. *See* NATIONAL CONVENTION FOR REVISING THE PHARMACOPÆIA.
- NATIONAL PHARMACEUTICAL CONVENTION, Philadelphia. *See* AMERICAN PHARMACEUTICAL ASSOCIATION.
- Natron lake of Loonar. SMITH (G.), Description, 1856.
- Natural history. (*See also* Biology;—Botany;—Geology;—Zoology, etc.; *also* Natural science.)
- Annales des sciences naturelles, 1858-79.
 - Annals and magazine of natural history, 1851-79.
 - Annals of philosophy, or Magazine of ... nat. history, 1813-26.
 - BIBERG (I. J.), Economy of nature, 1762.
 - CAUVET (D.), Nouveaux élém. d'histoire nat. médicale, 1869.
 - Edinburgh philosophical journal, 1819-26.
 - FOURCROY (A. F. DE), Elem. of nat. history and chemistry, 1790.
 - GUIBOURT (N. J. B. G.), Histoire des drogues simples, 3me éd., 1836; 4me éd., 1849-51; 6me éd., 1869-70; 7me éd., 1876.
 - HARDWICKE'S science-gossip, 1865-79.
 - HOLMESDALE NATURAL HISTORY CLUB, Reigate, (*see*).
 - HUMBOLDT (F. H. A. v.), Aspects of nature, 1850.
 - Intellectual observer, review of natural history, etc., 1866-8.
 - KENTISH (R.), Essay on method of studying nat. history, 1787.
 - LINNÉ (C. v.), Selection of correspondence of Linnaeus, etc., 1821.
 - MC NICOLL (D. H.), Dictionary of natural history terms, 1863. *
 - Medical and physical journal, 1799-1821, (*see*).
 - Natural history review, 1859, 1861-2.
 - NATURAL HISTORY SOCIETY OF MONTREAL, Canadian naturalist, 1869.
 - PAGÈS (J. B.), L'œuvre des trois familles du monde, 1625.
 - Philosophical magazine, 1827-32.
 - PLINIUS secundus (C.), [Historie of the world, by P. Holland, 1601].
 - RAMOS (A. G.), Noticia do archipelago dos Açores, 2a ed., 1871.
 - Recreations in agriculture, etc., by J. Anderson, 1799-1802.

Natural history—continued.

- RICHARD (A.), *Élémens d'histoire naturelle médicale*, 1831.
 SALLÉ (L.), *Cours élém. d'hist. naturelle des médicaments*, 1817.
 SMITH (F. P.), *Contributions to ... nat. history of China*, 1871.
 STILLINGFLEET (B.), *Miscellaneous tracts*, 2nd ed., 1762.
Vestiges of the natural history of creation, 10th ed., 1853.
 WALCOTT (S.), *New and complete natural history*, [1795 ?].
 WALKER (J.), *Lectures on natural history*, ms. *
 — *Institutes of natural history, heads of lectures*, 1792.
 WATERTON (C.), *Essays on n. h., chiefly ornithology*, 2 ed., 1838.

Natural history review.

- Natural history review, and quarterly journal of science*; edited by W. H. Harvey, S. Haughton, A. R. Hogan, and E. P. Wright. London, Dublin, 1859. Vol. 5, pl.
Natural history review: a quarterly journal of biological science; by G. Busk, W. B. Carpenter, F. Currey, J. R. Greene, T. H. Huxley, J. Lubbock, R. M'Donnell, D. Oliver, P. L. Sclater, W. Thomson, [&] E. P. Wright. Lond., 1861–2. Vol. 1–2, pl.
NATURAL HISTORY SOCIETY OF MONTREAL. Canadian naturalist, and quarterly journal of science; with the proceedings of the N. H. Society; new series. Montreal, 1869. Vol. 3, no. 1.

Natural philosophy. *See Physics.*

- Natural science.** (*See also the separate sciences, Astronomy, Chemistry, Physics, Physiography, etc., and their several subdivisions; also Natural history, and its divisions.*)

- ACADEMIE DES SCIENCES, *Paris*, *Comptes rendus*, 1843–79.
 ACADEMIE IMP. DES SCIENCES DE ST. PETERSBOURG, *Mémoires*, 1860.
 AINSLIE (W.), *Materia Indica*, [with] list of oriental books connected with general science, 1826.
Annals of electricity, guardian of experimental science, 1836–43.
Annals of philosophical discovery, and monthly reporter of the progress of science, 1843.
Athenæum, *journal of literature, science, etc.*, 1871–9.
 BATH ROYAL LITERARY AND SCIENTIFIC INSTITUTION, *Catalogue of the library*, 1879.
 BECKER (B. H.), *Scientific London*, 1874.
 BRANDE (W. T.) & G. W. Cox, *Dictionary of sci.*, n. ed., 186[6–]7. *
 BREWSTER (D.), *Letters on natural magic*, 1832.
British annals of medicine and general science, 1837.
 BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, *Report [38th–45th meeting, 1868–75.]* 1869–76.
 — *Address by R. I. Murchison, president*, 1846.
 BÜCHNER (F. C. C. L.), *Science et nature, essais*, 1866.
Commercium litterarium ad rei medicæ et sci. nat., etc., 1737–45.

Natural science—continued.

- Declaration** of students of natural and physical sciences, [1865 ?].
- DUMAS (J. B. A.) & J. B. J. D. BOUSSINGAULT, Chemical and physiological balance of organic nature, 3rd ed., 1844.
- Edinburgh philosophical journal, 1819–26, 1854–6.
- Encyclopædia Britannica**, 9th ed., 1875–9. *
- GORE (G.), Art of scientific discovery, 1878.
- GREAT BRITAIN AND IRELAND, ADMIRALTY, Manual of scientific enquiry, by J. F. W. Herschel, 2nd ed., 1851; 4th ed., 1871.
- Intellectual observer, review of ... recreative science, 1866–8.
- JOURDAN (A. J. L.), Dictionnaire des termes usités dans les sciences naturelles, 1834. *
- Journal of science**, [quarterly,] 1864;—monthly, 1879.
- KAISELICHE AKADEMIE DER WISSENSCHAFTEN IN WIEN, Anzeiger, mathematisch-naturwissenschaftliche Classe, 1864–79.
- KÖNIGLICHE BAYERISCHE AKADEMIE DER WISSENSCHAFTEN, Gelehrte Anzeigen, Bulletin, 1856, Nr. 2, 3, 6.
- LITERARY AND PHILOSOPHICAL SOCIETY OF MANCHESTER, Memoirs, 1793–1876, etc.
- Nature**, a weekly illustrated journal of science, 1869–80.
- ORLEANS COUNTY SOCIETY OF NATURAL SCIENCES, Archives of science, and transactions, 1870–4.
- Philosophical magazine**, 1814–7, 1827–79.
- PHILOSOPHICAL SOCIETY OF GLASGOW, Proceedings, 1867–8, 1870–9.
- PHOEBUS [PHÖBUS] (P.), Über die Naturwissenschaften als Gegenstand des Studiums, des Unterrichts ... angehender Ärzte, 1849.
- Polytechnisches Journal, von E. M. Dingler, 1858–9.
- Popular encyclopedia or Conversations lexicon, n. ed. [1862 ?]. *
- Popular science review, 1866–79.
- RADCLIFFE (C. B.), Proteus, or Law [or Unity] of nature, 1850.
- ROYAL INSTITUTION OF GT. BRITAIN, [Quarterly] journal, 1816–30.
— Notices of the proceedings, 1851–79, etc.
- ROYAL SOCIETY OF LONDON, Philosophical transactions, 1753–1879.
— Proceedings, 1854–79.
— Catalogue of scientific papers [from] 1800–[73], 1867–79. *
- SCHÖDLER (F.), Book of nature, ed. by H. Medlock, 1851.
- Science lectures for the people, Manchester, 1866–76.
- SIMMONDS (P. L.), Science and commerce, their influence on our manufactures, 1872.
- SOCIEDAD DE CIENCIAS FISICAS Y NATURALES DE CARACAS, Vargasia, 1868–70.
- SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829–38, (see).
- Student and intellectual observer of science, etc., 1868–71.

Natural science—continued.

Text-books of science, (see).

TWINING (T.), Science made easy, series of familiar lectures, 1876.

TYNDALL (J.), Fragments of science, 6th ed., 1879.

WHEWELL (W.), Philosophy of the inductive sciences, 1840.

— On the influence of the history of science upon intellectual education, 1855.

Natural theology. See Theology.

Nature, a weekly illustrated journal of science. London, 18[69]–80.

Vol. 1–21, por., pl.

Nature-printing. BAIRDON (H. C.), Specimens of ferns, 1869. *

Nature series. See RODWELL (G. F.), Birth of chemistry, 1874.

NAUDIN (Charles). See DECAISNE (J.) & C. N., Handbook of hardy trees, shrubs, and herbaceous plants, 1877.

NAUMANN (Carl Friedrich). Elemente der Mineralogie. Vierter Auflage. Leipzig, 1855. 16 + 480 p.

Naval architecture.

PIM (B.), Ship-building, 2nd ed., 1877.

WASHINGTON (Capt.), On naval architecture, ships, steam-engines, and life-boats, 1852.

Naval hygiene. UNITED STATES OF AMERICA, NAVY DEPARTMENT, Naval hygiene, by J. Wilson, 1870.

Navigation.

Edinburgh philosophical journal, 1820–6, (see).

MCCULLOCH (J. R.), Dictionary of commerce and commercial navigation, 2nd ed., 1835; new ed., 1871 *; suppl., 1875–7. *

SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829–38, vol. 3, (see).

NEEDERLANDSCHE MAATSCHAPPIJ TER BEVORDERING DER PHARMACIE, ROTTERDAMSCH DEPARTEMENT. Supplement op de Pharmacopœa Neerlandica, of Bereidung en beproeving van geneesmiddelen, niet in de Pharm. Neerl. opgenomen. Vierde druk. 'S Gravenhage, 1867. 12 + 160 p.

Needles. AITKEN (W. C.), Guns, ... Pins, Needles, etc., 2 ed., 1878.

Neem. WARING (E. J.), On the therapeutic applications, [186–].

NEES VON ESENBECK (Theodor Friedrich Ludwig). Plantæ medicinales oder Sammlung offizineller Pflanzen; mit lithographischen Abbildungen von A. Henry und Beschreibungen von M. F. Weyhe, J. W. Wolter [und] P. W. Funke; fortgesetzt von N. v. E. Dusseldorf, 1828–33. 4 Bd., 552 pl. *

Note.—The plates are mostly coloured; nos. 225 and 411 are wanting. On the Suppl. Bd. 1, the name of N. v. E. only appears. The title of the volume of letterpress reads thus: "Beschreibung officineller Pflanzen mit Berücksichtigung der königl. preuss. Pharmacopœ von N. v. E., Weyhe, Wolter und Funke."

Neilgherries. SOUBEIRAN (J. L.), *Pisciculture dans les Neil.*, 1870.
NELIGAN (John Moore).

Medicines, their uses and mode of administration; including a conspectus of the British pharmacopœias, an account of new remedies, and an appendix of formulæ. Third edition. Dublin, 1851. 28 + 556 p.

Same. By R. Macnamara; seventh ed. Dubl., 1867. 42 + 934 p.
NEMNICH (Philipp Andreas). [Universal European dictionary of merchandise, in the Eng., Ger., Dutch, Dan., Swed., Fr., Ital., Span., Portug., Russ., Polish and Latin languages. London, 1799.] 6 + [444] p., wanting engr. t.-p.

Nerves and Nervous disorders. (*See also Neuralgia;—Neurotics.*)

MONRO sen. (A.), *Anatomy of human ... nerves*, 8th ed., 1768.
 THOMSON (A.), *Enquiry into nervous disorders*, 3rd ed., 1782.
 TISSOT (S. A. D.), *Pract. observations on [nervous cholic]*, 1772.
 WILSON (J. A.), *On spasm, languor, palsy, etc.*, 1843.

NETHERLANDS.

Pharmacopœa Batava. Amstelodami, 1805. 2 + 48 + 50 + 22
 + 304 p. + engr. t.-p. + 2 engr. tab.

Pharmacopœa Neerlandica. Editio altera. Hagæ Comitis, 1871.
 2 + 24 + 308 + 22 + 4 p.

See also NEDERLANDSCHE MAATSCHAPPIJ TER BEVORDERING DER PHARMACIE, ROTTERDAMSCH DEPARTEMENT, Supplement op de *Pharmacopœa Neerlandica*, 4e druk, 1867.

See also OUDEMANS (C. A. J. A.), *Aanteekeningen op het systematisch- en pharmacognostisch-botanische gedeelte der Pharmacopœa Neerlandica*, 1854–6.

NEUBAUER (Carl Theodor Ludwig) & J. VOGEL. Guide to the qualitative and quantitative analysis of urine; translated [from the fourth German edition], by W. O. Markham. London, 1863. 22 + 440 p. + 4 pl. (New Sydenham Society, vol. 20.)

Note.—At p. 279 occurs a new title: "Semiology of the human urine, by J. Vogel."

Neues berlinisches Jahrbuch der Pharmacie. *See Berlinisches Jahrbuch der Pharmacie.*

Neues Jahrbuch für Pharmacie, 1854–73. *See Jahrbuch für praktische Pharmacie.*

Neues Journal der Pharmacie. *See Annalen der Chemie u. Pharm.*

Neues Repertorium für die Pharmacie, 1852–76. *See Repertorium.*

NEUMAN (Henry). New dictionary of the Spanish and English languages. Revised [edition]. Philadelphia, 1823. 2 vol. *

— & G. BARETTI. Dictionary of the Spanish and English languages. Revised by M. Seoane; new edition. London, 1867. 2 vol. *

NEUMANN (Caspar).

Chemical works; abridged and methodised, with additions, by W. Lewis. London, 1759. 16 + 624 p.

Same. Second edition. London, 1773. 2 vol.

NEUMAYER (George). *See* VICTORIA, VICTORIAN EXHIBITION, Catalogue, with prefatory essays, 1861;—Die Colonie Victoria, 1861;—Essais divers, 1861.

Neuralgia. (*See also Nerves and Nervous disorders.*)

FOURNIER (G.), *Du gelsemium sempervirens dans le traitement des névralgies*, 1878.

THOMPSON (J.A.), *Free phosphorus in medicine*, 1874.

Neurotics. HARLEY (J.), *The old vegetable neurotics*, 1869.

NEVINS (John Birkbeck). *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, Translation of new London pharmacopœia, etc., 1851.

NEW (William). *See* BANGALORE PUBLIC GARDEN, Catalogue, 1861.

New Holland. *See* Australia.

New medico-chirurgical pharmacopœia; a selection of formulæ for surgeons and surgeon-apothecaries. Third edition, by a graduate of a Scotch university, etc. London, 1824. 12 + 280 p.

New remedies. (*See also Materia medica and Therapeutics.*)

New remedies, a quarterly retrospect of therapeutics, pharmacy, and allied subjects; edited by H. C. Wood, jr., [and F. A. Castle]. New York, 187[1-]5. Vol. 1-4. 2 copies; of one copy, no. 11 wanting.

New remedies, an illustrated monthly trade journal of materia medica, pharmacy, and therapeutics; [edited by] F. A. Castle [and] C. Rice. New York, 1876-9. Vol. 5-8, pl., por.

NEW SOUTH WALES. DEPARTMENT OF MINES. *See additions.*

—. ROYAL COMMISSION FOR THE PARIS EXHIBITION OF 1867. Exposition universelle; Nouvelle-Galles du Sud; [introduction, liste des exposants récompensés et catalogue]. Paris, 1867. 48 p.

NEW SYDENHAM SOCIETY, London. [Works.] (*See the authors.*)

NEUBAUER (C.T.L.) & J. VOGEL, *Guide to analysis of urine*, 1863.

WARING (E. J.), *Bibliotheca therapeutica*, 1878-9. 2 vol.

NEW YORK (City of). *See* AMERICAN CHEMICAL INSTITUTE;—AMERICAN LIBRARY ASSOCIATION;—COLLEGE OF PHARMACY OF THE CITY OF N. Y.;—CONVENTION OF PHARMACEUTISTS AND DRUGGISTS.

—. DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION. Hospital formulary for the use of the department; [also Posological table, by C. Rice. New York,] 1878[-9]. 168 p.

Note.—The Posological table has a separate title-page.

New Zealand Exhibition, 1865. *See* GREAT BRITAIN AND IRELAND, INDIA OFFICE, Classified list of contributions, 1864.

Newcastle-upon-Tyne. *See* UNIVERSITY OF DURHAM COLLEGE OF MED.

NEWCASTLE-UPON-TYNE CHEMICAL SOCIETY. [Transactions. Newcastle-upon-Tyne, 1869–80.] Vol. 1, p. 89–172; v. 2, p. 1–196, 205–40; v. 3; v. 4, p. 1–350; pl.

NEWLAND (Abraham). Life of A. N., late principal cashier at the Bank of England; with some account of that establishment, a list of statutes, etc. London, 1808. 8 + 172 p. + por.

NEWMAN (Edward).

See Phytologist, a popular botanical miscellany, 1852–4.

See Zoologist, a popular miscellany of natural history, 1852–75.

NEWTON (Sir Isaac).

Excerpta quædam e Principiis philosophiæ naturalis, cum notis variorum. Cantabrigiæ, 1765. 10 + 180 p. + 12 pl.

See also LOVETT (R.), Sir I. N.'s æther realized, 1758.

See also SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of usef. knowl., 1829–38, v. 2, Popular account of optics.

NEWTON (James). Complete herbal, containing prints and English names. New edition. London, 1805. 16 p. + 176 pl., incl. por.

NEWTON (John Higgs). *See Chemist*, 1846.

NICHOLSON (Edward Byron). *See CONFERENCE OF LIBRARIANS*, 1877.

NICHOLSON (Henry Alleyne).

Advanced text-book of zoology. Edinburgh, 1870. 12 + 340 p.

Introductory text-book of zoology. Edin., 1871. 10 + 190 p.

Manual of zoology. Second edition. Edin., 1871. 22 + 674 p.

Introduction to the study of biology. Edin., 1872. 10 + 166 p.

NICHOLSON (William).

Dictionary of chemistry. London, 1795. 2 vol., 4 pl.

Same. [Another edit.] London, 1808. 874 p. + 13 pl. + 14 tab.

Note.—See also URE (A.), Dictionary of chemistry, 2nd ed., 1824.

See also CHAPLAL (J. A. C.), Elements of chemistry, 1800.

See also FOURCROY (A. F. DE), Philosophy of chem., 2 ed., 1800 ;—

Synoptic tables of chem., 1801 ;—General system of ch., 1804.

See also Journal of natural philosophy, etc., 1802–13.

NICKLÈS (Jérôme). *See Journal de pharm. et de chimie*, 1854–69.

Nicotin. ZINOFFSKY (O.), Die quantitative Bestimmung, 1872.

Niger flora. *See HOOKER (W. J.)*, 1849.

Nightshade. GATAKER (T.), Observations on internal use, 1757.

NISBET (William). General dictionary of chemistry. London, 1806. 8 + 416 p.

Nitella hyalina. VARLEY (C.), Improvements in the vial microscope, [Note on nitella hyalina, etc.,] 1834.

Nitric acid. MÉHU (C.), Sulfate de mercure ..., [Acide nitrique alcoolisé, sa coloration en vert, 1876].

Nitrogen. MARCHAND (E.), Notes sur un nouveau procédé pour préparer l'azote pur, 1843.

Nitrotoluyllic acid. NOAD (H. M.), On some of the products of the decomposition of nitrotoluyllic acid, [1854].

Nitrous oxide.

BEDDOES (T.), Notice of some observations made at the Medical Pneumatic Institution, [Bristol,] 1799.

DAVY (H.), Collected works, 1839–40, vol. 3, (*see*).

HANCOCK (J.), Observations on pestilential diseases and on the gaseous oxide of nitrogen as a remedy, also in asphyxia and against narcotic poisons, 1831.

NOAD (Henry M.).

Lectures on electricity, comprising Galvanism, magnetism, electro-magnetism, magneto- and thermo-electricity, and electro-physiology. Third edition. London, 1849. 4 + 10 + 506 p. + 1 pl.

Manual of electricity, including Galvanism, magnetism, diamagnetism, electro-dynamics, magneto-electricity and the electric telegraph. Fourth edition [of Lectures]. London, 1855–7. 2 vol., 2 pl.

On some of the products of the decomposition of nitrotoluyllic acid. [London, 1854.] 10 p., *n. t.-p.*

Manual of chemical analysis, qualitative and quantitative. London, 1863–4. 2 parts.

Student's text-book of electricity. New ed., with introd. and additional chapters, by W. H. Preece. Lond., 1879. 16 + 616 p.

See also NORMANDY (A.), Commercial chemical analysis, 1875.

NOBREGA (Gerardo José da). On the cultivation of cochineal. [London,] 1849. 12 p.

NOÉHDEN (A. A.). *See* Medical and physical journal, 1800–5.

NOEL (Hon. & Rev. Baptist W.). *See* DAVIES (T.), Prize essay, 1843.

Nördlingen. FLÜCKIGER (F.A.), Das Nördlinger Register, Beitrag zur Geschichte der deutschen Pharmacie im 15 Jahrhund., [1877].

Norfolk. LINNÉ (C. v.), Elements of botany, [*with*] some plants found in Norfolk and Suffolk, by H. Rose, 1775.

NORMANDY (A.).

Practical introduction to H. Rose's Treatise on chemical analysis. London, 1849. 12 + [292] p. + 7 tab.

Note.—See also ROSE (H.), Practical treatise, 1848–9.

Commercial hand-book of chemical analysis ; or, Practical instructions for determination, etc. London, 1850. 12 + 640 p.

Same. New edition, by H. M. Noad. Lond., 1875. 16 + 480 p.

The farmer's manual of agricultural chemistry, with instructions respecting diseases of cereals, etc. London, 1853. 8 + 218 p.

Chemical atlas, or tables : showing the operations of qualitative analysis, with observations, etc. London, 1857. 10 + 202 p.

Dictionaries to the Chemical atlas. London, 1857. 4 + 396 p.

North American medico-chirurgical review; edited by S. D. Gross, T. G. Richardson, [and S. W. Gross]. Philadelphia, 1858–61. Vol. 2–4; v. 5, nos. 1–3.

NORTH LONDON OPHTHALMIC INSTITUTION. Introductory lecture, by W. W. Cooper. London, 1843. 24 p.

NORWAY.

Pharmacopœa Norvegica; regia auctoritate edita. Christianiæ, 1854. 24 + 202 p.

Same. Editio altera. Christianiæ, 1870. 320 p. 2 copies.

Note.—See also, below, Medicinal-Taxt, Note.

Medicinal-Taxt for Norge. Christiania, 1855. 50 p.

Same. Christiania, 1861. 52 p.

Note.—The two preceding pamphlets contain corrections to be made in the Pharmacopœa Norvegica.

Tredie Tillæg til Medic.-Taxten for Norge. Christiania, 1864. 6 p.

Veterinair-Medicinal-Taxt for Norge. Christiania, 1861. 28 p.

Tillæg til Veterinair-Medicinal-Taxt for Norge. Christiania, 1862–3–4. Tillæg 1–3.

See also Norwegian language.

See also SOCIÉTÉ D'ACCLIMATATION, Paris, Sur l'exposition internationale de produits et engins de pêche à Bergen, et sur la pisciculture en Norvège, rapport par J. L. Soubeiran, 1866.

Norwegian language.

FERRALL (J. S.) & T. REPP, **Dansk-norsk-engelske Ordbog**, 4e Udgave, 1873. *

LUND (H.), New method of learning ... Norw. lang., 4th ed., 1877.

ROSING (S.), **Engelsk-dansk Ordbog**, 4e Udgave, 1874. *

Nosology. *See Disease.*

NOTCUTT (W. Lowndes). **Handbook of British plants.** New edition, by R. Hogg. London, 1870. 2 + 2 + 222 p.

Nuova antologia, rivista di scienze, lettere ed arti; indice, 1866–78. Firenze, Roma, 1878. 2 + 28 p.

Nurses and Nursing.

BAINES (M. A.), The practice of hiring wet nurses considered, 1859.

THOMSON (A. T.), Domestic management of sick-room, 2 ed., 1845.

Ny pharmaceutisk Tidende, 1874–9. *See Pharmaceutisk Tidende.*

NYLANDER (Wilhelm). *See BAILLON (H. E.), Dict. de botan.*, 1876–9.

NYSTEN (Pierre Hubert).

Dictionnaire de médecine, de chirurgie, de pharmacie, des sciences accessoires et de l'art vétérinaire. Huitième éd., augmentée par Bricheteau, O. Henry et J. Briand. Bruxelles, 1840. 8 + 864 p.

See also SCHWILGUÉ (C. J. A.), Traité de mat. méd., 3me éd., 1818.

OBERLIN (L.). Aperçu systématique des végétaux médicinaux, des végétaux alimentaires, etc. Strasbourg, 1867. 4 + 144 p.

Obturateurs. SNELL (J.), Observations on the history, use, and construction of obturateurs, or artificial palates, 1824.

ODEPH (Alphonse). Traité complet de la culture de l'opium indigène, précédé de la possibilité pratique, et de la nécessité de l'obtenir en France, suivi de l'histoire de cette substance et de la fabrication de l'huile d'œillette. Luxeuil, [1865?]. 4 + 16 + 144 p.

ODLING (William).

Manual of chemistry, descriptive & theoretical. Lond., 1861. Pt. 1.

Course of practical chemistry, for medical students. Second edition. London, 1865. 10 + 244 p.

Lectures on animal chemistry. London, 1866. 2 + 8 + 168 p.

Outlines of chemistry; or, Brief notes of chemical facts. London, 1870. 14 + 468 p.

See also LAURENT (A.), Chemical method, translated, 1855.

ODONTOLOGICAL SOCIETY OF GREAT BRITAIN, London.

Transactions, 1857[-63, 1867-80]. London, 1861-3, 1868-80.

Vol. 2-3, 6; ser. 2, vol. 1-12; pl., tab., por.

Report, and resolutions. London, 1858. 32 p.

List of members. [London,] 1871, 1873, 1875-6. 4 pam.

Catalogue of the museum. [London,] 1872. 6 + 80 p.

Inaugural address, by E. Sercombe, president, upon the occasion of opening the new premises of the Dental Hospital of London. London, 1874. 34 p.

Œnology. *See Wine.*

Œstri. CLARK (B.), Essay on the bots of horses, etc., 1815[-45].

OEHM (G. S.). Erklärung aller in einaxigen Krystallplatten zwischen geradlinig polarisirtem Lichte wahrnehmbaren Interferenz-Erscheinungen in mathematischer Form mitgetheilt. München, 1853. 110 + 106 p. + 1 col. pl., *in 2 Hälften*.

Oidium. MACKAY (J.), Remarks on the oidium or vine disease, 1862.

Oil-cake. HARRIS (W. H.), Oil-cake controversy, [1862].

Oils. (*See also Oils, Hydrocarbon; and various individual oils.*)

ATTFIELD (J.), Origin, extension, and prevention of fires, and the relation of mineral and vegetable oils to fires, [1872].

DRAGENDORFF (G.), Die Verfälschung ätherische Öle mit Terpentin-Öl, etc., und ihr Erkennung durch Weingeist, [1873].

— Über Mannit ..., [Ein Beitrag zur ... Chemie der ätherischen Öle, 1879].

GREAT BRITAIN AND IRELAND, INDIA OFFICE, Report by M. C. Cooke, on the oil seeds and oils in the India Museum, etc., 1876.

HIGGINS (B.), Experiments and observations relating to ... oils, 1786.

HOFFMANN (C.), Paper on the eucalypts, [with notes on essential oils from certain indigenous Victorian plants,] 1873.

WILLIAMS (W. M.), Oils and candles, 2nd ed., 1877.

Oils, Hydrocarbon. (*See also under Oils: ATTFIELD; WILLIAMS.*)

ANTISELL (T.), Manufacture of photogenic or hydro-c. oils, 1859.

GESNER (A.), Practical treatise on coal, petroleum, and other distilled oils, 1861.

Oleo-resins. *See Resins.*

OLIVER (Daniel).

Lessons in elementary botany; the part on systematic botany based upon material left in ms. by J. S. Henslow. Second edition. London, 1869. 8 + 328 p.

First book of Indian botany. London, 1869. 12 + 396 p.

See also GREAT BRITAIN AND IRELAND, COMMISSIONERS OF WORKS, Flora of tropical Africa, by D. O., etc., 1868-77.

See also Natural history review, 1861-2.

OLLIVIER (Ch. P.). *See CHEVALLIER (J. B. A.), M. J. B. ORFILA, & C. P. O.*, Triple accusation d'empoisonnement, 1842.

Om Materialisternes Ret til Handel med visse Medicinalvarer; trykt som Manuskript; [af A. H.]. Kjøbenhavn, 1868. 30 p.

ONTARIO COLLEGE OF PHARMACY, *Toronto*. Canadian pharmaceutical journal; ed. by E. B. Shuttleworth. Toronto, 187[1-]80. V. 5-13.

Ootacamund. *See Utakamand.*

Ophthalmic review: edited by J. Z. Laurence and T. Winsor. London, [1864-7]. Vol. 1; v. 2, p. 1-318; v. 3, p. 121-476.

Ophthalmics. *See Eye.*

Opium. (*See also various constituents and preparations of opium.*)

BATTLEY (R.), Observations on the preparation of ... [opium, 1838].

CRUMPE (S.), Inquiry into nature and properties of opium, 1793.

HARLEY (J.), The old vegetable neurotics, hemlock, etc., 1869.

JONES (J.), Mysteries of opium reveal'd, 1700.

ODEPH (A.), Traité de la culture de l'opium en France, [1865 ?].

SUDDA (G. DELLA), Monographie des opiums de l'empire ottoman envoyés à l'exposition universelle de Paris, 1867.

WALL (M.), Clinical observations on the use of opium, 1786.

YOUNG (G.), Treatise on opium, 1753.

Opoponax.

HIRSCHSOHN (E.), Vergleichende Untersuchung ... des Galbanum- und Ammoniakgummis, [nebst Anhang über Opop., 1875].

—Fr., Étude... suivie de considérations sur l'opoponax, 1876.

Optics or Light.

ÅNGSTRÖM (A. J.), Mémoire sur la polarisation rectiligne et la double réfraction des cristaux à trois axes obliques, 1849.

BREWSTER (D.), Treatise on optics, 1831.

HIGGINS (B.), Experiments & observations ... matter of light, 1786.

HIGGINS (W. M.), Introductory treatise on light, and on optical instruments, 1829.

Optics or Light—continued.

OHM (G. S.), Erklärung aller in einaxigen Krystallplatten zwischen geradlinig polarisirtem Lichte wahrnehmbaren Interferenz-Erscheinungen, 1852–3.

PEREIRA (J.), Lectures on polarized light, 1843.

SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829–38, vol. 1–2, (*see*).

TYNDALL (J.), Six lectures on light, 1873.

Orange. RISSO (A.) & A. POITEAU, Histoire naturelle des orangers, 1818–22. *

Orchideæ. HORANINOW (P.), Prodromus monographiæ scitaminearum, de monocotyleis et orchideis, 1862. *

ORFILA (Matéo José Buenavéntura).

Traité de toxicologie, par M. O. Quatrième édition. Paris, 1843. 2 tomes, 1 pl.

Eng. Treatise on mineral, vegetable and animal poisons, considered as to their relations with physiology, pathology, and medical jurisprudence, by M. P. O. [sic]; translated from the French, by J. A. Waller. Second edition. London, 1818. 2 vol.

See also CHEVALLIER (J. B. A.), M. J. B. O., & C. P. OLLIVIER, Triple accusation d'empoisonnement, 1842.

See also Journal de chimie médicale, etc., 1825–47.

Origin of species.

DARWIN (C. R.), Origin of species, 1860 ; 6th ed., 1872.

Darwinian theory examined by a graduate of Cambridge, 1867.

ORLEANS COUNTY SOCIETY OF NATURAL SCIENCES. Archives of science, and transactions. Newport, [and McIndoe's Falls, U.S., 1870–4]. Nos. 1–7.

Ornithology. WATERTON (C.), Essays on nat. history, 2nd ed., 1838.

Orosi, L'. *See* ASSOCIAZIONE CHIMICO-FARMACEUTICA FIORENTINA.

ORRIDGE (Benjamin Brogden). Some particulars of Alderman Philip Malpas and Alderman Sir Thomas Cooke, ancestors of Sir Francis Bacon, Lord Bacon, and Robert Cecil, first Earl of Salisbury. [London, 1868.] 2 + 24 p. + 1 geneal. chart.

Orris root. FLÜCKIGER (F. A.), Note sur la racine de violette de Vérone, 1877.

ORTUS SANITATIS : de herbis et plantis, de animalibus et reptilibus, de avibus et volatilibus, de piscibus et natatilibus, de lapidibus et in terre venis nascentibus, de urinis et earum speciebus ; tabula medicinalis cum directorio generali per omnes tractatus. 1517. [356] ff., wanting 10 ff.

Note.—The author is said to be J. von Cube, and the work was perhaps published at Strasburg. The missing ff. are B 3–6, H 3–4, and Gg 3–6.

OSBORN (William). *See* HULL (J.), Observations on Simmons's Detection, with examination of Dr. O.'s opinions relative to embryulcia, 1798.

O'SHAUGHNESSY (Sir William B.), afterwards Sir W. O. BROOKE. *See* BENGAL, GOVERNMENT, Bengal dispensatory, 1842;—Bengal dispensatory, 1844.

OSORIO (Lady Ana DE). *See* CHINCHON (Countess of).

Osteology. MONRO sen. (A.), Anatomy of human bones, 8 ed., 1768.

ÖSTERREICHISCHE Zeitschrift für Pharmazie. *See* ALLGEMEINER ÖSTERREICHISCHER APOTHEKER-VEREIN, Zeitschrift, 1871—9.

OTIS (George A.).

See UNITED STATES OF AMERICA, ARMY MEDICAL DEPARTMENT, Pamphlets in connection with exhibit, International Exhibition, 1876, Nos. 6—7.

See UNITED STATES, SURGEON GENERAL'S OFFICE, Reports on materials for history of Rebellion, 1865;—Report on amputations at hip-joint, 1867;—Report on excisions of head of femur, 1869;—Medical and surgical history of War of Rebellion, 1870—9;—Report on surgical cases in the army, 1871;—Report on transport of sick and wounded on pack animals, 1877.

OTTÉ (E. C.).

See HUMBOLDT (F. H. A. v.), Cosmos, translated, 1868—71.

See MÜLLER (J.), Principles of physics and meteorology, 1847.

OTTEN (Ferdinand). Vergleichend histiologische Untersuchung der Sarsaparillen aus der pharmacognostischen Sammlung des pharmaceutisches Institutes zu Dorpat nebst einem Beitrage zur chemischen Kenntniss dieser Drogue; Inaugural-Dissertation. Dorpat, 1876. 74 p. (Kaiserliche Universität Dorpat.)

OTTO (Emil).

French conversation-grammar. Fifth edition. Heidelberg, 1874.
10 + 394 p.

German conversation-grammar. Fourteenth edition. Heidelberg, 1874. 16 + 448 p. + 1 lith. pl.

OTTO (Friedrich Julius).

On the relation of the volumes of bodies in the solid state to their equivalents or atomic weights. (*In* GRAHAM, T., Chemical reports and memoirs, 1848, p. 1—62.)

Upon isomorphism. (*In* GRAHAM, T., Chem. rep., 1848, p. 118—64.)

See also GRAHAM (T.) & F. J. O., G.-O.'s ausführliches Lehrbuch der Chemie, 3e Aufl., 1854—5.

OUDEMANS (Cornelius Anton Johann Abraham). Aanteekeningen op het systematisch- en pharmacognostisch-botanische gedeelte der Pharmacopœa Neerlandica. Rotterdam, 1854—6. 6 + 28 + 12 + 662 + 32 p. + 37 pl.

Our water supply: a discussion for and against the fitness of Thames and river water for domestic use. London, 1880.
2 + 8 + 60 p.

Note.—By W. F. Rowell, An inhabitant of Wimbledon, John Taylor, engineer to the Lambeth Co., and Jabez Hogg. Reprinted from the Surrey comet.

Ovarian dropsy. BROWN (I. B.), On ovarian dropsy, 2nd ed., 1868.
OWEN (Owen Davies).

Conspectus ; or, Student's remembrancer; tabular [synopsis] of the British pharmacopœia. Lond., 1868. 4 + 84 p., interleaved.

Same. With American and European eclectic preparations, and glossary of medical terms ; second edition. London, 1868.
4 + 100 p., interleaved.

OWEN (R. Jones). Chemists and druggists' compendium : a handbook of practical receipts and processes in chemistry, pharmacy, etc. London, 1871. 4 + 112 p.

OWEN (Richard). Raw materials from the animal kingdom. (*In* SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of the Great Exhibition, 1st ser., 1852, p. 75–132.)

OWENS COLLEGE, MANCHESTER. Calendar. Manchester, 1879.

Oxford. *See RADCLIFFE LIBRARY.*

Oxidation. *See MIALHE (L.), Recherches sur la digestion, etc., 1879.*

Oxides. *See Iron, Oxide of;—Nitrous oxide.*

Oxygen. (*See also Ozone.*)

HILL (D.), Practical observations on oxygen, or vital air, in the cure of diseases, and on the vegetation of plants, 2nd ed., 1820.

Oxyphenylsulphites and Oxyphenylsulphurous acid. GONDARD (O.), Des acides oxyphénylsulfureux et des oxyphénylsulfites, 1874.

Oyster. (*See also Pearl.*)

SOUBEIRAN (J. L.), De l'ostréiculture, [1872].

— & A. A. DELONDRE, De la pêcherie de Tinnevelly, etc., [1867].

Ozone. (*See also Oxygen.*)

CONDY (H. B.), Disinfection and hygiene, by means of oxygen in a nascent and active condition, or artificial ozone, 1860.

TWEMLOW (F. E.), Ozone, [1875].

P. (T.). *See PRIOR (Thomas).*

PACKE (Christopher). *See GLAUBER (J. R.), Works, translated, 1689.*

PACKER (Thomas). Dyer's guide ; introduction to the art of dying [*sic*], bleaching, etc. London, 1816. 24 + 144 p.

Pæonia. DRAGENDORFF (G.), Beiträge z. Chem. der Päonien, [1879].

PAGE [David].

Introductory text-book of geology. Ninth ed. Edin., 1871. 194 p.

Advanced text-book of geology, descriptive and industrial. Fifth edition. Edinburgh, 1872. 488 p.

- PAGE (Herbert W.) *See LONDON HOSPITAL, Surgical report, 1876.*
- PAGE (John). Receipts for preparing and compounding the principal medicines made use of by the late Mr. Ward, together with an introduction, etc. London, 1763. 2 + 34 p.
- PAGÈS (Jean Baptiste). *L'oeconomie des trois familles du monde sublunaire: et particulièrement de la nature de l'homme, etc.* Paris, 1625. 28 + 534 p., *wanting 4 p. of contents.*
- PAGET (James). On the importance of the study of physiology as a branch of education. (*In ROYAL INSTITUTION OF GREAT BRITAIN, Lectures on education, 1855, p. 213–60.*)
- PAINTER (Emlen). *See CALIFORNIA COLLEGE OF PHARMACY, Valedictory address, 1878.*
- PAIRMAN (Robert). The great sulphur cure brought to the test; and workings of the new curative machine proposed for human lungs and windpipes. Seventh edition. Edinburgh, 1867. 48 p.
- Palæontology.** (*See also Geology.*)
- Annales des sciences naturelles, 1858–79.**
- McCoy (F.), On the recent palæontology of Victoria, 1867.
- PALAMEDES (Julius). *See HUSAIN IBN ÂBD ALLAH, Index, 1557.*
- Palates, Artificial.** SNELL (J.), *Observations on obturateurs, 1824.*
- PALEY (William). [Natural theology illustrated with notes and dissertations by Lord Brougham and Sir C. Bell.] Second edition. London, 1835. Vol. 1.
[Preliminary] discourse of natural theology, by Lord Brougham.
- PALMER (Shirley). *See London medical repository, 1819–21.*
- Palsy.** *See Paralysis.*
- Pan, Swedish.** HASSELGREN (N.), Swedish Pan, 1762.
- Pancreatic emulsion of fat.** DOBELL (H.), Report, 1867.
- Papaverin.** SCHMEMANN (B.), Beiträge zu dem gerichtlich-chemischen Nachweis des P.'s in thierischen Flüssigkeiten, etc., 1870.
- Paper.**
- ARCHER (T. C.), Paper, 2nd ed., 1877.
- BEVAN (G. P.), Industrial classes and statistics, 1876.
- CHEVALLIER (J. B.), Notice sur le papier de riz, 1840.
- Paper versus gold-money.** *See KENNEDY (J.), 2nd ed., 1847.*
- Papier mâché.** LINDSEY (G.), Pens and papier mâché, 2nd ed., 1878.
- PAQUELIN (C.) & L. JOLLY.
Contribution à l'étude des phénomènes nutritifs : [analyse comparative des sanguis artériel et veineux, de la bile, du foie et de la rate, aux point de vue de leur constitution minérale]. Paris, 1875. 14 p.
- La matière colorante du sang, hématosine, ne contient pas de fer. [Paris, 1874.] 4 p., n. t.-p.
- Études de biologie ; théories nouvelles. Paris, 1875. 166 p.

PAQUELIN (C.) & L. JOLLY—*continued.*

De l'origine de phosphate de chaux éliminé par les voies urinaires et intestinales, et de la valeur de ce phosphate comme agent thérapeutique. Paris, 1876. 16 p.

Des pyrophosphates en thérapeutique. Paris, 1877. 2 + 12 p.

PARACELSIUS. *See* SALMON (W.), *Medicina practica, containing the preparation of the præcipiolum of Paracelsus*, 1692.

Paradisi in sole paradisus terrestris. *See* PARKINSON (J.), 1629.

Paraguay tea. WANKLYN (J. A.), *Tea . . . , analysis of maté*, 1874.

Paralysis.

TISSOT (S. A. D.), *Practical observations on small pox, etc.*, 1772.

WILSON (J. A.), *On spasm, languor, palsy, etc.*, 1843.

Parasites. *See* Skin diseases.

PARÉ (Ambroise).

Oeuvres : [chirurgie, anatomie, médicaments, etc.]. Sixième édition. Paris, 1607. 26 + 1342 p. + por.

Dutch. [158—16—?] [12?] + 952 p., t.-p. w.

Note.—Bound in thick oak boards.

Pareira brava. PLANCHON (G.), *Matière médicale, notes*, [1875].

[PARGETER (William).] *Formulæ medicamentorum selectæ*; by the author of *Maniacal observations*. London, 1795. 4 + 58 p.

Paris. Academies, Societies, etc. (*See also Paris, Hospitals.*)

See ACADEMIE DES SCIENCES;—CONGRÈS PHARMACEUTIQUES RÉUNIS;—

ÉCOLE SUPÉRIEURE DE PHARMACIE DE P.;—FACULTÉ DE MÉDECINE DE P.;—MUSÉUM D'HISTOIRE NATURELLE;—PHARMACIE CENTRALE DE FRANCE;—SOCIÉTÉ BOTANIQUE DE FRANCE;—SOCIÉTÉ CHIMIQUE DE P.;—SOCIÉTÉ D'ACCLIMATATION;—SOCIÉTÉ MÉDICALE D'ÉMULATION DE P.

—. Botany. CORNUTI (J. P.), *Canadensium plantarum historia, adjectum est Enchiridion botanicum Parisiense*, 1635.

—. Exposition universelle de 1867.

CAPE OF GOOD HOPE, COMMITTEE FOR THE EXHIB., Catalogue, 1867.

FRANCE, COMMISSION IMPÉRIALE POUR L'EXPOS., Catalogue, [1867].

GREAT BRITAIN & IRELAND, INDIA OFFICE, Indian catalogue, 1867.

NEW SOUTH WALES, ROYAL COMMISSION, Exposition universelle, [introduction, liste des exposants récompensés, catalogue,] 1867.

QUEENSLAND, COMMISSION FOR THE PARIS EXHIB., Catalogue, 1867.

SOCIÉTÉ D'ACCLIMATATION, *La production animale et végétale*, 1867.

SOUBEIRAN (J. L.) & A. A. DELONDRE, *La matière médicale*, 1868.

SOUTH AUSTRALIA, COMMISSION FOR THE P. EXHIB., Catalogue, 1866.

SUDDA (G. DELLA), *Colonel FAYK BEY*, *Monographie des opiums de l'empire ottoman envoyés à l'exposition*, 1867.

TRINIDAD, COMMISSION FOR THE PARIS EXHIB., Catalogue, 1867.

VICTORIA, ROYAL COMMISSION FOR THE P. EXHIB., Catalogue, 1867.

Paris—continued. Exposition universelle de 1878.

FLÜCKIGER (F. A.), *Pharmacognostiche Umschau*, [1879].

PELLIEUX (J.) & A. MAZÉ-LAUNAY, *L'industrie française de l'iode*, 1878.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, *Universal International Exhib.*, report on exhibits connected with *materia medica*, *pharmacy*, *chemical industry*, etc., by B. H. Paul, E. M. Holmes, and F. Passmore, 1878.

ROYAL AGRICULTURAL AND COMMERCIAL SOCIETY, *British Guiana*, catalogue of exhibits, 1878.

—. **Hospitals.**

BOUCHARDAT (A.), *Nouveau formulaire magistral, notice sur les hôpitaux de Paris, etc.*, 2me éd., 1843; 17me éd., 1872.

EDWARDS (H. M.) & P. VAVASSEUR, *Nouveau formulaire*, 4 éd., 1841.

RATIER (F. S.), *Formulaire pratique des hôpitaux civils*, 1823.

—. **Pharmacopœia.** See FRANCE, *Codex medicamentarius*, 1758.

PARIS (John Ayrton).

Pharmacologia: or, History of medicinal substances in order to enable the practitioner to prescribe and dispense them. Second edition. [London,] 1812. 4 + 230 p. + 1 tab.

Same. Fifth edition. London, 1822. 2 vol.

Same. Ninth [edition]. London, 1843. 16 + 624 p.

PARISEL (L.). See *Annuaire pharmaceutique*, 1866–70.

PARKES (Samuel). *Chemical essays, principally relating to arts and manufactures of the British dominions.* London, 1815. 5 v., 23 pl.

PARKINSON (Henry). See DUBLIN EXHIBITION PALACE ... Co., *Illustrated record and descriptive catalogue of the Dublin Exhib.*, 1866.

PARKINSON (James).

Hospital pupil; or, Essay intended to facilitate the study of medicine and surgery. London, 1800. 4 + 160 p.

Same. Second edition. London, 1817. 6 + 208 p.

Chemical pocket-book; or, Memoranda chimica. Third edition. London, 1803. 12 + 272 p. + engr. t.-p. + 1 pl.

PARKINSON (John). *Paradisi in sole* [*i.e.*, Park-in-sun's] *paradisus terrestris; or, Garden of pleasant flowers, with a kitchen garden of herbes, rootes, & fruits, for meate or sause, and an orchard of fruitbearing trees and shrubbes fit for our land; together with the right orderinge, planting & preserving of them and their uses & vertues.* London, 1629. 12 + 628 p.

PARLATORE (Filippo).

Considérations sur la méthode naturelle en botanique. Florence, 1863. 74 p.

Note sur une monstruosité des cônes de l'abies Brunoniana, Wallich. [Paris, 1863.] 4 p. + 1 pl., n. t.-p.

PARLATORE (Filippo)—*continued.*

Le specie de cotoni. Firenze, 1866. 64 p.

Same. Tavole. Firenze, 1866. 4 p. + 5 col. pl. + 1 pl. *

See also BLYTT (M. N.), Parole in morte di M. B., da F. P., 1863.

PARMENTIER (Antoine Augustin).

See Annales de chimie.

See Journal de pharmacie et de chimie, 1809–13.

PARNELL (Edward Andrew).

Elements of chemical analysis, [qualitative and quantitative,] inorganic and organic. London, 1842. 12 + 312 p.

Same. New edition. London, 1845. 14 + 520 p.

Applied chemistry, in manufactures, arts and domestic economy. London, 1844. Vol. 2.

PARRISH (Edward).

Introduction to practical pharmacy, with formulas and prescriptions. Second edition. Philadelphia, 1859. 720 p.

Treatise on pharmacy. Third ed. [of Introd.]. Phila., 1864. 850 p.

Same. Fourth ed., by T. S. Wiegand. Phila., 1874. 24 + 978 p.

Same. London, [1874?]. 24 + 978 p.

Note.—In each of these editions the pagination is irregular; the numbers of eight pages are omitted in the second and third editions, and sixteen pages in the fourth edition. The London ed. of 1874 is identical with the Philadelphia ed., except in the t.-p.

See also PHILADELPHIA COLLEGE OF PHARMACY, Fourth annual report of Alumni Association, containing valedict. address, 1868.

PASSMORE (Francis Richard Bonds). *See* PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Pharmaceutical journal, 1870–80;—Universal International Exhibition, report on exhibits, 1878.

PASTEUR (Louis).

Études sur le vin, ses maladies, causes qui les provoquent, procédés nouveaux pour le conserver et pour le vieillir.

Deuxième édition. Paris, 1873. 4 + 4 + 344 p. + 32 col. pl.

Études sur la bière, ses maladies, causes qui les provoquent, procédé pour la rendre inaltérable, avec une théorie nouvelle de la fermentation. Paris, 1876. 8 + 388 p. + 12 pl.

Eng. Studies on fermentation, the diseases of beer, their causes, and the means of preventing them; translation with notes, by F. Faulkner and D. C. Robb. London, 1879. 16 + 420 p. + 12 pl.

See also Annales de chimie et de physique, 5me sér.

Patents. *See* Repertory of arts and manufactures, etc., 1794–[1802].

Pathology. (*See also* Disease;—Medicine;—Surgery.)

Edinburgh veterinary review and annals of comparative pathology, 1858–60.

KINGZETT (C. T.), Animal chemistry, the relations of chemistry to physiology and pathology, 1878.

Pathology—continued.

LIEBIG (J. v.), Animal chemistry, 1842.

— Chemistry and physics in relation to ... pathology, 1846.

SMEE (A.), Elements of electro-biology, electro-pathol., etc., 1849.

THUDICHUM (J. L. W.), Manual of chemical physiology, 1872.

PATROUILLARD (Charles).

Des aconits et de l'aconitine ; thèse. Paris, 1872. 88 p. (École supérieure de pharmacie de Paris.)

Sur le gingembre blanc ; Falsification de la racine de polygala de Virginie par la racine d'asclépiade dompte-venin ; Recherche des arseniates dans les sels alcalins ; Essai des hypophosphites de soude & de chaux ; De l'emploi de l'eau distillée d'ulnaire. Évreux, 1875. 22 p.

PATTERSON (R. H.). Gas and lighting. (In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Acids, etc., p. 149–97.)

Pauchontee. See Gutta percha.**PAUL (Benjamin Horatio).**

See BISCHOF (G.), Elem. of chemical and physical geology, 1854–9.

See HUMBOLDT (F. H. A. v.), Cosmos, translated, 1871.

See PAYEN (A.), Industrial chemistry, 1878.

See PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Pharmaceutical journal, 1870–80 ;—Universal Exhib., report on exhibits, 1878.

PAULI (Friedrich). Die in der Pfalz und der angrenzenden Gegen- den üblichen Volksheilmittel ; eine von der pfälzischen Gesell- schaft für Pharmacie und Technik und deren Grundwissenschaften gekrönte Preisschrift. Landau, 1842. 6 + 140 p.

PAVET. *See* FRANCE, Codex medicamentarius, 1819.

PAVON (José). *See* HOWARD (J. E.), Examination of P.'s Peruvian barks, 1853 ;—Illustrations of Nueva quinologia, 1859–62.

PAVY (Fredk. William). Treatise on food and dietetics, physiolog- ically and therapeutically considered. Lond., 1874. 10 + 560 + 2 p.

PAYEN (ANSELME).

Industrial chemistry : manual for technical colleges or schools ; based upon a translation, partly by T. D. Barry, of Stohmann and Engler's German edition of P.'s Précis de chimie industrielle; edited and supplemented by B. H. Paul. London, 1878. 2 + 6 + 988 p. + 1 tab.

See also Journal de chimie médicale, etc., 1825–47.

PAYNE (Joseph Frank). *See* Quarterly journal of microscopical science, 1872–6.

PAYNE (Martin Henry).

Arsenic and arsenious acid. [London, 1866.] 12 p., n. t.-p.

Carbolic acid and other substances produced during the destruc- tive distillation of coal. [London, 1866.] 26 p., n. t.-p.

PAYNE (Martin Henry)—*continued.*

Creosote and acetic acid, with other substances produced by the destructive distillation of wood. [London, 1866.] 12 p., *n. t.-p.*

On ether. [London, 1866.] 8 p., *n. t.-p.*

Pearl.

SOUBEIRAN (J. L.) & A. A. DELONDRE, De la nacre, *etc.*, [1867].

— De la pêcherie d'huîtres perlières, *etc.*, [1867].

PEARSON (John). Observations on various articles of *materia medica*, in the cure of lues venerea. London, 1800. 4 + 56 + 188 p.

PEARSON (Richard).

Practical synopsis of the *materia alimentaria* and *materia medica*.

London, 1808. 8 + 536 p.

Thesaurus medicaminum ; selection of formulæ, accompanied by pharmaceutical remarks. Fourth ed. Lond., 1810. 16 + 304 p.

PECHLIN (Johann Nicolaus). De purgantium medicamentorum facultatibus exercitatio nova. Editio ultima. Amstelodami, 1702. 30 + 314 p. + 5 pl. + 3 tab.

PEIRCE (C. H.). Examinations of drugs, medicines, chemicals, &c., as to purity and adulterations. Cambridge, [U. S.,] 1852. 12 + 264 p.

PÉLIGOT (Eugène). *See Journal de chimie médicale, etc.*, 1837–47.

PELLETAN (Gabriel). *See Journal de chimie méd., etc.*, 1825–47.

PELLETIER (Bertrand). *See Annales de chimie.*

PELLETIER (Joseph). *See Journal de pharm. et de chim.*, 1812–41.

PELLIEUX (J.) & E. ALLARY. Iodométrie : appareil et méthode de P. et A. pour le dosage de l'iode dans toutes ses combinaisons ; notice pour l'usage du nécessaire iodométrique. Brest, 1878. 10 p.

— & A. MAZÉ-LAUNAY. L'industrie française de l'iode à l'exposition de 1878. Brest, 1878. 38 p. + 1 pl.

PELOUZE (Théophile Jules ?).

See Annales de chimie et de physique, 2me–4me sér.

See Journal de chimie médicale, etc., 1833–47.

PEMBERTON (H.). *See Royal College of Physicians of London, Dispensatory*, translated, with remarks, 1746 ; 3rd ed., 1751.

PENROSE (Francis). Dissertation on the inflammatory, gangrenous and putrid sore throat ; also on the putrid fever, with their diagnostics and method of cure. Second edition. London, 1768. 54 p.

Pens. LINDSEY (G.), Pens, *etc.*, 2nd ed., 1878.

Pepsine. BOUDAULT (P. C.), On pepsine, translated, 2nd ed., 1858.

Perchlorate of potassium. *See Potassium, Perchlorate of.*

PERCIVAL (Thomas). Essays medical and experimental : on the empiric [and] the dogmatic, or, arguments for and against the use of theory and reasoning in physick ; on astringents and bitters ; on blisters ; and on the resemblance between chyle and milk. London, 1767. 8 + 250 p.

PERCIVALL (William). *See Veterinarian*, 1844.

Percolation.

SQUIBB (E. R.), Notes on a new form of percolator, 1873.

— Fluid extracts by repercolation, 1878; 1879.

Percussion caps. LINDSEY (G.), Pens, Ammunition, *etc.*, 2 ed., 1878.

PERCY (John).

Metallurgy of lead, including desilverization and cupellation.

London, 1870. 16 + 568 p.

Metallurgy: the art of extracting metals from their ores; introduction, refractory materials, and fuel. Revised edition. London, 1875. 12 + 596 p. + 9 pl.

PEREIRA (Jonathan).

Selection of prescriptions, illustrating the terms used by physicians in prescribing. [London, 1824?] 2 + 112 p., *t.-p. mut.*

Selecta è præscriptis: selections from physicians' prescriptions, [with] key. Fourteenth edition [of the preceding work]. London, 1864. 8 + 352 p.

Same. Fifteenth edition. London, 1869. 8 + 352 p.

[Original letters to N. J. B. G. Guibourt, on various articles of *materia medica*, *etc.*, Nov. 2, 1830 to Jan. 6, 1853.] *

Note.—These letters were presented to the Society by the late Prof. Guibourt; they are numbered 2, and 4-48, and are accompanied by ms. notes of Prof. G. The letters numbered 34-6 are in French; no. 36 is not signed.

[Elements of *materia medica* and therapeutics. London, 1839-40.]

Vol. 1, p. 1-160 [?]; v. 2; *t.-p. w. of both.*

Same. Second edition. London, 1842. Vol. 1.

Same. Third edition, [partly edited by A. S. Taylor and G. O. Rees]. London, 1849-53. 2 vol. *in 3*, 2 pl. 2 copies.

Note.—*See* FLEMING (A.), Classification of mat. medica, a review, 1850.

Same. Fourth edition, [by A. S. Taylor and G. O. Rees]. London, 1854-7. 2 vol. *in 3*, 2 pl. *Of v. 1, and v. 2, pt. 1, 2 copies.*

Manual of *materia medica* and therapeutics; abridgement of the Elements, in conformity with the British pharmacopœia, by F. J. Farre, R. Bentley, and R. Warington. London, 1865. 28 + 616 p.

Elements of *materia medica* and therapeutics, abridged; by R. Bentley and T. Redwood. Lond., 1872. 26 + 1096 p. 3 copies.

Same. With appendix. London, 1874. 26 + [1126] p.

Lectures on polarized light. London, 1843. 8 + 110 p.

Treatise on food and diet. London, 1843. 16 + 542 p.

See also Synopsis of chemical decompositions of L. pharm., 1822.

PERETTI (Paolo). Dell' azione chimica dell' acqua sopra i sali e sopra gli acidi. Roma, 1861. 20 p.

PEREYRA (Émile L.). Des bains de mer d'Arcachon, *etc.* Bordeaux, 1853. 40 p. + 1 map.

Perfumery. (*See also Toilet of Flora.*)

PIESSE (G. W. S.), Lecture on perfumes, flower farming, *etc.*, [1865].

— Art of perfumery, 4th ed., 1879.

PLATT (H.), Delights for ladies, 1651.

Periodicals. *See* the first word of the title of the periodical, omitting the article. Publications of societies, or other bodies, will be found under the names of such societies or bodies.

Peritonitis. HULL (J.), Essay on phlegmatia dolens, *etc.*, 1801.

Permanganate of potassium. *See* Potassium, Permanganate of.

Permanganates. *See* Disinfection.

PEROT & Co. *See* UNITED STATES, ARMY MEDICAL DEPT., Pamphlets in connection with exhibit, 1876, No. 5, Description of wagon, *etc.*

Perspiration. CRUIKSHANK (W.), Experiments on the insensible perspiration of the human body, [2nd ed.,] 1795.

Peru. MARKHAM (C. R.), Travels in Peru and India, 1862.

Pestilence. *See* Epidemics;—Plague.

PETIT (Arthur).

Conservation et dosage de l'acide cyanhydrique; Chlorhydrate de narcéine; Recherche de petites quantités d'albumine dans l'urine. Paris, 1873. 24 p.

De la triméthylamine au point de vue chimique et pharmaceutique. Paris, 1873. 12 p.

Étude sur les propriétés de la conicine. Paris, 1877. 12 p.

See also SOCIÉTÉ DE PHARMACIE DE PARIS, Rapport sur les médicaments nouveaux, 1877.

PÉTRÉQUIN (J. E.) De l'emploi thérapeutique des lactates alcalins dans les maladies fonctionnelles de l'appareil digestif. Deuxième édition. Paris, 1864. 4 + 24 p.

Petroleum. *See* Oils, Hydrocarbon.

Petrology. RUTLEY (F.), Study of rocks, text-book of petrol., 1879.

PETTIGREW (James Bell). Physiology of the circulation in plants, in the lower animals, and in man. London, 1874. 8 + 330 + 2 p.

PETTIGREW (Thomas Joseph). *See* LETTSOM (J. C.), Memoirs, 1817; —Selections from medical papers and correspondence, 1817.

PEYTON (V. J.). Compendious dictionary of the French language; designed to teach pronunciation. London, 1764. 48 + [456] p. *

PFÄLZISCHE GESELLSCHAFT FÜR PHARMACIE UND TECHNIK UND DEREN GRUNDWISSENSCHAFTEN.

Reden gehalten am 14 Nov. 1841 in der Feststzung der technischen Lokalsektion. Kaiserslautern, 1842. 30 p.

See also Jahrbuch für praktische Pharmacie, 1841–50.

See also PAULI (F.), Die ... üblichen Volksheilmittel, 1842.

PFEIFFER (Ludwig).

Synonymia botanica locupletissima generum, sectionum vel subgenerum ad finem anni 1858 promulgatorum; in forma conspectus regni vegetabilis. Cassellis, 1870. 4 + 8 + 674 + 2 p. *

Note.—Has also a German t.-p.: “Vollständige Synonymik,” etc.

Synonymiæ botanicae 1870 editæ supplementum primum. Cassellis, 1874. 8 + 46 p. *

Note.—Has also a German t.-p.: “Synonymik ... erstes Suppl.” etc.

Nomenclator botanicus; nominum ad finem anni 1858 publici juris factorum, classes, ordines, tribus, familias, divisiones, genera, subgenera vel sectiones designantium enumeratio alphabeticæ; adjectis auctoribus, temporibus, locis systematicis apud varios, notis literariis atque etymologicis et synonymis. Cassellis, 1873–4. 2 vol. in 4. *

PHÆDRUS (Augustus Libertus). Fabulæ Æsopiæ, recognovit atque de poetæ vita et fabulis præfatus est C. T. Dressler. Lipsiæ, 1860. 8 + 84 p. 4 copies.

Phanerogamia. CANDOLLE (Alph. L. P. P. DE) & C. P. DE C., Monographiae phanerogamarum, 1878. *

Pharmaceutical journal. See PHARMACEUTICAL SOC. OF GT. BRITAIN.

Pharmaceutical repertory, 1844–6. See Medical times.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, London.

Pharmaceutical journal and transactions; edited by Jacob Bell, [assisted by T. Redwood]. London, 184[1]–59. 18 vol., pl. por. 2 copies.

Note.—See also BELL (J.), Concise historical sketch of the progress of pharmacy, introduction to Pharm. journal, 1843.

Same. Second series, [edited by T. Redwood, R. Bentley, and J. Barnard]. London, 18[59]–70. 11 vol., pl. 2 copies.

Same. Third series, [edited by B. H. Paul, assisted by F. R. B. Passmore]. London, 187[0]–80. Vol. 1–10. 2 copies.

Same. Index to fifteen volumes. London, 1857. 2 copies.

Same. Index to twelve volumes. London, 1869. 2 copies.

Same. Index to ten volumes. London, 1880. 2 copies.

Catalogue of the library. London, 1853. 4 + 72 p.

Same. [Second edition, compiled by J. W. Knapman]. London, 1873. 4 + 176 p.

Same. Second ed., [second issue]. London, 1874. 4 + 176 p.

Appendix to the Catalogue of the library, [compiled by C. Sharp. London,] 1863. 22 p.

List of additions to the library from 1864 to 18[78]; compiled by J. W. Knapman. London, 1865–79]. 10 pam., n. t.-p.

Charter, act, and bye-laws. London, 1858. 14 + [?] p.

Note.—The bye-laws are wanting.

Bye-laws. London, 1862. 2 + 18 p.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, *London—continued.*

Students' laboratory handbook. [London, 1862.] 2 + 28 p.

Calendar. Lond., 1867, '70-80. 12 vol. 2 copies of 1867, '71-80.

Registers of pharmaceutical chemists and chemists and druggists.

London, 1869-80. 12 vol. 2 copies of 1869-74, 1876-80.

List of specimens in the museum of the North British Branch.

Edinburgh, 1870. 4 + 36 p.

Catalogue of the library, North British Branch. Edinburgh, 1876. 32 p.

Catalogue of the collections in the museum; compiled by E. M. Holmes. London, 1878. 8 + 302 p. 2 copies.

Universal International Exhibition, Paris, 1878; report on the exhibits connected with *materia medica*, pharmacy, chemical industry, etc.; by B. H. Paul, E. M. Holmes, and F. [R. B.] Passmore. London, 1878. 8 + 198 p. 2 copies.

Minutes of proceedings of the laboratory pupils, [Laboratory Students' Society,] 1850[-6]. 2 vol., ms. *

Papers read before the School of Pharmacy Students' Association, 1875[-8]. Vol. 1-4, ms. *

See also DICKINSON (W.), Unconstitutional ... proceedings, 1853.

See also FLÜCKIGER (F. A.), Pharmacognostiche Umschau, 1879.

See also LESCHER (F. H.), Introduction to ... major and minor examinations, 1869; 4th ed., 1873;—The modified exam., 1869.

See also SMITH (J. B.), Pharmaceutical guide to the first and second examinations, 1870; 2nd ed., 1874.

See also STEGGALL (J.), First lines for chemists and druggists preparing for examination, 1844; 3rd ed., 1869.

See also UNITED SOCIETY OF CHEMISTS AND DRUGGISTS, Deputation to the Pharmaceutical council, 1867.

PHARMACEUTICAL SOCIETY OF IRELAND, *Dublin*. Calendar. Dublin, 1877-80. Vol. 1-4.

PHARMACEUTICAL SOCIETY OF VICTORIA, *Melbourne*.

Annual report of the council, with list of members. Melbourne, 1878-80. Rep. 21-3.

Constitution and laws. Melbourne, 1879. 8 p.

See also Chemist and druggist with Australasian suppl., 1878-9.

Pharmaceutical times: a journal of chemistry, applied to the arts, agriculture, and manufactures. London, 184[6-]7. Vol. 1-2.

*Note.—*Contains a Conspectus of pharmacopœias, by G. M. Mowbray.

PHARMACEUTISCHE GESELLSCHAFT IN ST. PETERSBURG. Bericht über die Verhandlungen der General-Versammlung. St. Petersburg, 1864. 2 + 166 p. + 2 tab.

PHARMACEUTISCHE GESELLSCHAFT RHEINBAYERNS. *See* Journal für praktische Pharmacie, 1838-40.

Pharmaceutische Monathsblätter; herausgegeben von Th. G. Fr. Varnhagen. Schmalkalden, [1821]. Bd. 1-2.

Note.—For continuation, see DEUTSCHER APOTHEKER-VEREIN, Archiv.

Pharmaceutische Zeitung. *See Pharmaceutisches Repertorium.*

PHARMACEUTISCHER VEREIN IN BADEN. *See Jahrbuch für praktische Pharmacie, 1843-50.*

Pharmaceutisches Repertorium: Sammlung wissenschaftlicher Mittheilungen der pharmaceutischen Zeitung, 1879. Bunzlau, [1879-80]. Halbjahr. 1-2.

Pharmaceutisk Tidende.

Pharmaceutisk Tidende, redigeret af F. Hoffmeyer og E. Es-mann. Kjøbenhavn, [1861-3]. Aarg. 1; Aarg. 2, Nr. 1-7, 10-13; pl.

Ny pharmaceutisk Tidende, redigeret af C. D. A. Hansen [og V. L. Seehusen]. Kjøbenhavn, [1874-9]. Aarg. 6, Nr. 20-6; Aarg. 7-11.

Pharmaceutists. *See Pharmacy.*

PHARMACIE CENTRALE DE FRANCE, Paris.

L'Union pharmaceutique, [par F. L. M. Dorvault]. Paris, 1860-71. Tomes 1-12.

Catalogue pharmaceutique, ou Prix-courant général; [par F. L. M.] Dorvault. Paris, 1862. 446 p. + 14 pl.

Pharmacist and chemical record. *See CHICAGO COLLEGE OF PHARM.*

Pharmacodynamics. *See Materia medica and Therapeutics.*

Pharmacognosy. *See Materia medica and Therapeutics.*

Pharmacographia. *See FLÜCKIGER (F. A.) & D. HANBURY, 1874; 2nd ed., 1879.*

Pharmacology. *See Materia medica.*

Pharmacopœa portugueza. *See PORTUGAL, 1876.*

Pharmacopée française. *See FRANCE, Codex, 1819, 1827, 1839, 1866.*

Pharmacopée raisonnée. *See HENRY (N. É.) & N. J. B. G. GUIBOURT, 3me éd., 1841.*

Pharmacopée universelle. *See Pharmacopœia, Universal.*

Pharmacopœa or Pharmacopœia. In the following arrangement, the slight difference in the spelling of this word is ignored, and the initial letter of the word immediately following it is taken for the alphabetical order. *See other forms of the word in their proper places in the catalogue: Farmacopea, Pharmacopœa, Pharmacopée, Pharmakopeia, Pharmakopoe; see also Pharmacopœias.*

Pharmacopœa Amstelredamensis, in qua medicamenta, quæ Amstelodami in usu sunt, artificiose præparantur ut et eorum vires et doses. Lugduni Batavorum, 1701. 6 + 208 p. + engr. t.-p.

Pharmacopœia Argentoratensis. *See COLLEGIUM MEDICUM ARGENTORATENSE, Strasburg, 1757.*

- Pharmacopœia Augustana. *See* COLLEGIUM MEDICUM, Augsburg, 1622, 1672, 1675.
- Pharmacopœia Austriaca. *See* AUSTRIA, 1869, etc.
- Pharmacopœia Austriaco-provincialis. *See* AUSTRIA, 1774.
- Pharmacopœia, Badische. *See* PRUSSIA, Badische Pharmacopœa in Vergleichung mit der preussischen, [186-?].
- Pharmacopœia Batava. *See* NETHERLANDS, 1805.
- Pharmacopœia Bateana. *See* BATE (G.), 1688, 1700, etc.
- Pharmacopœia, Bavarian. *See* BAVARIA, Pharmakopoe für das Königreich Bayern, 1859.
- Pharmacopœia Belgica nova. *See* BELGIUM, 1854.
- Pharmacopœia, Bengal. *See* BENGAL, GOVERNMENT, Bengal dispensatory, 1842;—Bengal pharmacopœia, 1844.
- Pharmacopœia Bergomensis. *See* COLLEGIUM MEDICUM BERGOMENSE, 1580.
- Pharmacopœia Borussica. *See* PRUSSIA, 1801, 1813, 1862, etc.
- Pharmacopœia, British. *See* GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION, London, 1864, 1867, 1877, etc.
- Pharmacopœia, British homœopathic. *See* BRITISH HOMŒOPATHIC SOCIETY, London, 1870; 2nd ed., 1876.
- Pharmacopœia, Castilian. *See* Farmacopea en Castellano, 1823.
- Pharmacopœia chirurgica.
- Pharmacopœia chirurgica; or, Formulæ for surgeons. Second edition. London, 1794. 6 + 130 p.*
- Same. Third edition. London, 1795. 8 + 164 p.*
- Same. Fourth edition. London, 1799. 8 + 204 p. 2 copies.*
- Span. Farmacopéa quirúrgica de Londres; traducido del inglés por C. Gomez de Ortega. Madrid, 1797. 8 + 256 p.*
- See also New medico-chirurgical pharmacopœia, 3rd ed., 1824.*
- See also WILSON (J.), Pharmacopœia chirurgica, 3rd ed., 1814.*
- Pharmacopœia Danica. *See* DENMARK, Ph. Danica., ed. 2da, 1869.
- Pharmacopœia, Dental. *See* STOCKEN (J.), Elements of dental materia medica and therapeutics, etc., 1877; 2nd ed., 1878.
- Pharmacopœia domestica. *See* FULLER (T.), 1739.
- Pharmacopœia, Dublin. *See* KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND, 1807, 1850, etc.
- Pharmacopœia, Dutch. *See* NETHERLANDS, Pharmacopœia Batava, 1805;—Pharmacopœia Neerlandica, 1871, etc.
- Pharmacopœia Edinburgensis. *See* ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, 1722, 1792, 1803, 1807, 1809, 1813, 1817, 1839, 1841, etc.
- Pharmacopœia Edinburgensis pauperum. *See* ROYAL HOSPITAL or INFIRMARY, Edinburgh, 1753, etc.
- Pharmacopœia equina. *See* CLARK (B.), 3rd ed., 1833.

Pharmacopœia extemporanea.

See FULLER (T.), *Pharm. extemporanea*, 1705, 1714, 1731, etc.

See QUINCY (J.), [*Pharm. officinalis et extemporanea*, 1720,] 1722, 1726, 1728, 1730, 1736, 1739, 1742, 1769.

Pharmacopœia Fennica. *See* FINLAND, 1850, 1863, etc.

Pharmacopœia, French. } *See* FRANCE, *Codex medicamentarius*, 1758,
Pharmacopœia Gallica. } 1818, 1839, 1866, etc.

Pharmacopœia, General.

BRUGNATELLI (L. V.), *Farmacopea generale*, 1807, 1814.

SPIELMANN (J. R.), *Pharmacopœa generalis*, 1785-6.

Pharmacopœia Germaniæ. } *See* GERMANY, 1867, 1872, etc.
Pharmacopœia Germanica. }

Pharmacopœia Græca. *See* GREECE, 1837, 1868.

Pharmacopœia, Hamburg. *See* COLLEGIUM SANITATIS, *Hamburg*, *Codex medicamentarius Hamburgensis*, 1852.

Pharmacopœia, Hanover. *See* HANOVER, *Pharmakopœ*, 1861.

Pharmacopœia Hassiæ Electoralis. *See* HESSE-CASSEL, 1860.

Pharmacopœia Helvetica. *See* SCHWEIZERISCHER APOTHEKER-VEREIN, 1865, 1872, 1876, etc.

Pharmacopœia, Homœopathic.

BRITISH HOMEOPATHIC SOCIETY, *British hom. pharm.*, 1870, 1876.

HAGER (H.), [*Pharmacopœa homœopathica nova*,] 1861.

JAHR (G. H. G.), *New homœopathic pharmacopœia*, etc., tr., 1842.

Pharmacopœia, Hospital.

BRITISH HOSP. FOR DISEASES OF THE SKIN, *London*, *Pharm.*, 1879.

CHARING CROSS HOSPITAL, *Lond.*, *Pharm. in usum Nosocom.*, 1843.

EDWARDS (H. M.) & P. VAVASSEUR, *Nouv. formulaire des hôp.*, 1841.

— Eng., *Universal pharm. or Pract. formulary*, by M. Ryan, 1839.

GUY'S HOSPITAL, *London*, *Pharm. in usum Nosocomii*, 1837.

— *Formulæ used at Guy's Hospital*, 1868; [new ed.,] 1879.

HOSPITAL FOR CONSUMPTION AND DISEASES OF THE CHEST, *London*,

Pharmacopœia ad usum Nosocomii Phthisicorum, etc., 1848.

HOSP. FOR DISEASES OF THE THROAT, *Lond.*, *Pharm.*, 1872, '73, '76.

LONDON HOSPITAL, *Pharmacopœia of the L. H.*, 1868.

MANCHESTER ROYAL INFIRMARY, *Pharm. Nosoc. Mancunien.*, 1840.

MIDDLESEX HOSPITAL, *London*, *Pharm. Nosoc. Middlesexens.*, 1844.

ROYAL NAVAL HOSPITAL, *Haslar*, *Pharmacopœa*, 1777, ms. *

ROYAL HOSP. or INFIRMARY, *Edinburgh*, *Pharm.*, 1753, 1770, 1817.

ST. BARTHOLOMEW'S HOSP., *Lond.*, *Pharm.*, 1730, 1773, 1799, 1838.

ST. GEORGE'S HOSPITAL, *London*, *Pharm. Nosocomii*, 1768, 1841.

ST. THOMAS'S HOSPITAL, *London*, *Pharmacopœia Nosocomii*, 1867.

SQUIRE (P.), *Pharmacopœias of London hospitals*, 1863; 2nd ed.,

1869; 3rd ed., 1874; 4th ed., [incl. Dublin hospitals,] 1879.

UNIVERSITY COLLEGE HOSPITAL, *Pharm. Nosoc. Acad. Lond.*, 1828.

- Pharmacopœia, Indian.** *See* GREAT BRITAIN AND IRELAND, INDIA OFFICE, Pharmacopœia of India, by E. J. Waring, 1868.
- Pharmacopœia Londinensis.** *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, 1639, 1650, 1668, 1677, 1678, 1682, 1721, 1724, 1746, 1763, 1788, 1809, 1815, 1824, 1836, 1851, etc.
- Pharmacopœia Lusitanica.** *See* PORTUGAL, Codex medicam., 1822.
- Pharmacopœia, Madrid.** *See* Farmacopea en Castellano, 1823.
- Pharmacopœia Meadiana.** *See* MEAD (R.), 1756-8.
- Pharmacopœia medici.** *See* BERKENHOUT (J.), 1768.
- Pharmacopœia medici practici universalis.** *See* SWEDIAUR (F.), 1803.
- Pharmacopœia, Medico-chirurgical.** *See* New medico-chirurgical pharmacopœia, 3rd ed., 1824.
- Pharmacopœia medico-chymica.** *See* SCHRÖDER (J.), 1669, 1672.
- Pharmacopœia militaris Borussica.** *See* PRUSSIA, 1868.
- Pharmacopœia Neerlandica.** *See* NETHERLANDS, 1871.
- Pharmacopœia Norvegica.** *See* NORWAY, 1854, 1870.
- Pharmacopœia officinalis Britannica.** *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharm. offic. Brit., by R. Stocker, 1810, 1816.
- Pharmacopœia officinalis et extemporanea.** *See* Pharm. extemp.
- Pharmacopœia Parisiensis.** *See* FRANCE, Codex medic., 1758, etc.
- Pharmacopœia pauperum.** (*See also* Pharmacopœia, Hospital.)
See LEWIS (W.), New dispensatory, 1753, etc.
See ROYAL HOSPITAL or INFIRMARY, Pharmacopœia Edinburgensis pauperum, 1753, etc.
- Pharmacopœia, Portuguese.** *See* PORTUGAL, Codex medic., seu Pharmacopœia Lusitanica, 1822;—Pharmacopœia portugueza, 1876.
- Pharmacopœia, Prussian.** *See* PRUSSIA, Pharmacopœia Borussica, 1801, 1813, 1862;—Pharmacopœia militaris Borussica, 1868.
- Pharmacopœia reformata.** *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia reformata, by M. S., 1744.
- Pharmacopœia regia.** *See* ZWELFER (J.), 1672, 1675.
- Pharmacopœia, Royal.** *See* CHARAS (M.), 1678.
- Pharmacopœia Russian.** *See* RUSSIA, Rossieskaia pharmakopeia, 1871, 1880.
- Pharmacopœia spagyrica nova.** *See* Y-WORTH (W.), Compleat distiller, 2nd ed., 1705.
- Pharmacopœia, Spanish.**
See Farmacopea en Castellano, ó Coleccion de las fórmulas, 1823.
See SPAIN, Farmacopea española, 5a ed., 1865.
- Pharmacopœia Suecica.** *See* SWEDEN, 1787, 1826, 1869.
- Pharmacopœia, Swiss.** *See* SCHWEIZERISCHER APOTHEKER-VEREIN, St. Gall, Pharmacopœia Helvetica, 1865, 1872, 1876.
- Pharmacopœia syphilitica.** *See* SWEDIAUR (F.), Practical observations on venereal complaints, etc., 3rd ed., 1787.

Pharmacopœia, United States. *See NATIONAL CONVENTION FOR REVISING THE PHARMAC., Washington, 1842, 1851, 1855, 1864, 1873.*

Pharmacopœia, Universal.

See CONGRÈS MEDICAL, Pharmacopée universelle et uniformité en médecine, rapport de la commission internationale, 1879.

See EDWARDS (H. M.) & P. VAVASSEUR, Universal pharmacopœia, or Practical formulary of hospitals, 3rd ed., by M. Ryan, 1839.

See JAMES (R.), Pharmacopœia universalis, 1747, 1752, 1764.

See JOURDAN (A. J. L.), Pharmacopée universelle, 1828, 1840;—Eng., Pharmacopœia universalis, ed. by J. Rennie, 1831–3.

See LEMERY (N.), Pharmacopée universelle, 1716, 1729, 1748.

See SQUIBB (E. R.), [On] a universal pharmacopœia, 1877.

Pharmacopœia, Veterinary.

See ERDMANN (C. G. H.) & C. H. HERTWIG, Thierärztliche Receptkunde und Pharmakopöe, 3e Aufl., 1875.

See MORTON (W. J. T.), Manual of pharmacy, 2nd ed., [1839?]; 3rd ed., [1843?]; 6th ed., 1860; 7th ed., 1868.

See TUSON (R. V.), Pharmacopœia, 1869; 2nd ed., 1874.

Pharmacopœa Wirtenbergica. *See WÜRTEMBERG, 1786.*

Pharmacopœæ recentiores Anglica, Gallica, Germaniæ, Helvetica, Russiæ inter se collatæ. *See HAGER (H.), 1869.*

Pharmacopœias. (*See above, for individual Pharmacopœas. See also Dispensatories;—Formulæ, etc.;—Prescribing, etc.;—Receipts.*)

BEASLEY (H.), Pocket formulary, and synopsis of pharmacopœias, 2nd ed., 1842; 8th ed., 1866; 9th ed., 1872; 10th ed., 1877.

COOLEY (A. J.), Cyclopædia of practical receipts, supplement to pharmacopœia, [2nd ed.,] 1845; 3rd ed., 1856; 4th ed., 1864; 5th ed., 1872; 6th ed., 18[78–]80.

DORVAULT (F. L. M.), L'Officine, contenant conspectus des pharmacopées, 1844; 3me éd., 1850; 6me éd., 1866; 8me éd., 1872.

GRAY (S. F.), Suppl. to pharm., 1818; new ed., 1821; 6 ed., 1836.

HAGER (H.), Pharmacopœæ recentiores ... inter se collatæ, 1869.

REDWOOD (T.), Gray's suppl. to pharm., 2 ed., 1848; 3 ed., 1857.

Pharmacy. (*See also Dispensatories;—Formulæ and Formularies;—Pharmacopœias;—Prescribing and Prescriptions;—Receipts, etc. Works on pharmaceutical botany may be found under Botany, or Materia medica.*)

ALLGEMEINER ÖSTERREICHISCHER APOTHEKER-VEREIN, Vienna, Zeitschrift, 1871–9.

AMERICAN PHARMACEUTICAL ASSOCIATION, Minutes of Convention of Pharmacists and Druggists [in] 1851, [reprinted] 1865.

— Proceedings of National Pharmaceutical Convention [in 1852], 2nd ed., 1865.

— Proceedings of A. P. A., [in] 1853, [1855, and 1857–78].

— Syllabus of a course of study, by W. Procter, jr., 1858.

Pharmacy—continued.

- Annalen der Chemie und Pharmacie, 1843–74.
Annales de chimie, etc., 1789–1815.
Annals of chymistry and practical pharmacy, 1842–3.
Annals of pharmacy and practical chemistry, 1852–4.
Annuaire de la pharmacie, par C. Méhu, 1876.
Annuaire pharmaceutique, par O. Reveil, etc., 1863–74.
ANTHON (E. F.), Handwörterbuch der chemisch-pharmazeutischen
... und pharmakognostischen Nomenklaturen, 2e Aufl., 1861. *
- Archiv for Pharmaci og technisk Chemi, 1859–79.
Archives belges de médecine militaire, etc., 1858–62.
ASSOCIAZIONE CHIMICO-FARMACEUTICA FIORENTINA, L'Orosi, 1878–9.
ATTFIELD (J.), Introduction to pharmaceutical chemistry, 1867.
— Chemistry, 2nd ed. [of Introd.], 1869; 3rd [U. S.] ed., 1871;
4th ed., 1872; 5th [U. S.] ed., 1873; 6th ed., 1875; 7th
[U. S.] ed., 1876; 8th [U. S.] ed., 1879.
BELL (J.), Concise historical sketch of pharm. in Gt. Britain, 1843.
— Chemical and pharmaceutical processes and products, 1852.
BELLINGHAM (O'B.), Elem. of materia medica and pharm., 1841.
BÉRAL (P. J.), Nomenclature et classification pharmaceut., 1830.
Berlinisches Jahrbuch für die Pharmacie, Register, 1809–23.
BRANDE (W. T.), Dictionary of mat. med. and pract. pharm., 1839.
— Manual of pharmacy, 1825; 2nd ed., 1829; 3rd ed., 1833.
British annals of medicine, pharmacy, etc., 1837.
BRITISH PHARMACEUTICAL CONFERENCE, Proceedings, 1864–9.
— Year-book of pharmacy, with proceed., [transactions,] 1870–9.
BROUSSE (J.), Synthèses de pharmacie et de chimie, 1862.
BRUNFELS (O.), O. B., Fragment zur Geschichte der Pharmacie,
von F. A. Flückiger, [1878].
CALIFORNIA COLLEGE OF PHARMACY, Valedictory address by E.
Painter, 1878.
Chemical gazette, chem. in applications to pharm., 1842–5, '49–59.
Chemical news, chemistry in applications to pharmacy, 1860–79.
Chemist, and record of pharmacy, 1849–53.
Chemist and druggist, 1859–79.
Chemists' and druggists' diary, 1872–4, 1878–80.
CHEMISTS AND DRUGGISTS' TRADE ASSOCIATION OF GREAT BRITAIN,
Annual report, 1877–9.
CHEMISTS' ASSISTANTS' ASSOCIATION, London, [Report, etc., 1878].
Chemists' desk companion, Year-book of pharmacy, by C. H.
Wood and C. Sharp, 1865–6.
CHICAGO COLLEGE OF PHARMACY, Pharmacist, 1868–71.
COLLEGE OF PHARMACY OF THE CITY OF NEW YORK, [Historical
notice, laws, lists, 1873]; etc.

Pharmacy—continued.

- COLLINS (W.), Statement of facts on ... medical reform, [1841].
 CONGRÈS DES SOCIÉTÉS DE PHARMACIE DE FRANCE, Compte rendu, [1867].
 COOLEY (A. J.), Pharmaceutical Latin grammar, 1845.
 — Cyclopædia of practical receipts, [editions 2–6,] 1845–80.
 COTTEREAU (P. L.), Traité élém. de ... [pharmacotechnie], 1839.
 DEUTSCHER APOTHEKER-VEREIN, Archiv ... für die Pharmazie, 1822–31;—Archiv der Pharmacie, 1837–79.
 DORVAULT (F. L. M.), L'Officine, répertoire de pharmacie pratique, 1844; 3me éd., 1850; 6me éd., 1866; 8me éd., 1872.
 — De l'organisation de la pharmacie en France, 1851.
 DOSSIE (R.), Elaboratory laid open, secrets of ph. revealed, 1758.
 ÉCOLE DE MÉDECINE ET DE PHARMACIE DE RENNES, (*see*).
 ÉCOLE SUPÉRIEURE DE PHARMACIE DE MONTPELLIER, (*see*).
 ÉCOLE SUPÉRIEURE DE PHARMACIE DE PARIS, (*see*).
 EDWARDS (H. M.) & P. VAVASSEUR, Manual of ... pharmacy, 1829.
 ELSNER (F.), Grundriss der pharmaceut. Chemie, 1876 [*p.* 1875].
 FERRAND (E.), Aide-mémoire de pharmacie, 1873 [*p.* 1872].
 FLÜCKIGER (F. A.), Die Frankfurter Liste, 1873.
 — Inventaire d'une pharmacie de Dijon en 1439, [1873].
 — Documente zur Geschichte de Pharmacie, 1876.
 — Das Nördlinger Register, [1877].
 — Pharmaceutische Chemie, 1879 [*p.* 1878].
 FUMOUZE, De la pharmacie [en France, *etc.*], 1863.
 GEISELER (T.), C. HERZOG, & A. WILMS, Betrachtungen über den Zustand der deutschen Pharmacie, 1867.
 GODDARD (J.), Chemist's counter companion, ret. price book, 1846.
 GOURDIN (T.), Synthèses de pharmacie et de chimie, 1862.
 GRAY (S. F.), Elements of pharmacy, 1823; *etc.*
 GREAT BRITAIN AND IRELAND, HOUSE OF COMMONS, Special report on Apothecaries licenses bill, [pharmacy in Ireland,] 1874.
 GRIFFITHS (W. H.), Materia medica and pharmacy, 1879.
 HAGER (H.), Manuale pharmaceuticum, 1860, v. 2; ed. 3, 1876, v. 2; ed. 4, 1875, v. 1; suppl. 1869.
 — Handbuch der pharmaceutischen Praxis, 187[5]–8.
 HAMBERG (N. P.), Svensk pharmaceutisk bibliographi, 1862.
 HENRY (N. É.) & N. J. B. G. GUIBOURT, Pharmacopée raisonnée ou Traité de pharmacie pratique et théorique, 3me éd., 1841.
 INTERNATIONAL PHARMACEUTICAL CONGRESS, Congrès à Paris, août 1867, compte rendu sommaire;—Compte rendu.
 — Berichte über den Congress, August, 1874, zu St. Petersburg.
 Jahrbuch für practische Pharmacie, 1838–53; Neues Jahrbuch für Pharmacie, 1854–73.

Pharmacy—*continued.*

- Jahresbericht über die Fortschritte der Pharmacognosie: Canstatt's Jahresbericht über die Fortschritte der Pharmacie [für] 1853, [1855 und 1857].
- Jahresbericht üb. die Fortsch. der Pharmacog. [für] 1866[-78].
- Jahresbericht über die Fortschritte der reinen, pharmaceutischen und technischen Chemie [für] 1851[-6].
- Eng., Annual report of the progress of chemistry, including applications to pharmacy, etc., [for 1847-50].
- Journal de chimie médicale, de pharmacie, etc., 1825-37, 1839-47, 1857-70.
- Journal de pharmacie et de chimie: Bulletin de pharm., 1809-14.
- Journal de pharmacie et des sciences accessoires, 1815-41.
- Journal de pharmacie et de chimie, 1842-79.
- Journal of materia medica, pharmacy, &c., 1859-62, 1867-76.
- KANE (R. J.), Elements of practical pharmacy, 1831.
- Elem. of chemistry, incl. applic. to pharm., 1842; 2 ed., 1849.
- LABÉLONYE (C.), De l'organisation de la pharmacie dans les principaux états de l'Europe, 1863.
- LAMOTTE-BERTIN (J. A. T. DE), Synthèses chim. et pharm., 1846.
- LE CANU (L. R.), Cours complet de pharmacie, 1842.
- LEICESTERSHIRE ASSOC. OF CHEMISTS & DRUGGISTS, Rules, [184-?].
- LESCHER (F. H.), Introd. to elem. of pharm., 1869; 4 ed., 1873.
- [The modified examination of the Pharmaceutical Soc., 1869.]
- LEWIS (W.), New dispensatory, containing the theory and practice of pharmacy, 1753; 2nd ed., 1765; 3rd ed., 1770; 5th ed., 1785.
- LIVERPOOL CHEMISTS' ASSOCIATION, Transactions, 1859, 1869.
- London medical repository, 1814-26, (*see Note*).
- MACÉ (M.), Traité de pharmacie galénique, 1879.
- MASSACHUSETTS COLLEGE OF PHARMACY, Address on relations of chemistry to ph., by T. S. Hunt, valedictory by W. P. Bolles, 1875.
- Twelfth annual catalogue, 1878-9.
- MEADE (W.), Compendium of pharmacy, 1834.
- Manual for students preparing for examination, 2nd ed., 1846.
- Medical and physical journal, 1799-1821.
- Medical times, Pharmaceutical repertory, 1844-6.
- MOHR (C. F.), Lehrbuch der pharmaceut. Technik, 3 Aufl., 1866.
- Eng., Practical pharmacy, by T. Redwood, 1849.
- MOORE (W. D.), Outline of history of pharmacy in Ireland, 1848.
- MORFIT (C.), Chemical and pharmaceutic manipulations, 1850.
- MORTON (W. J. T.), Manual of pharm. for the student of veterinary medicine, 2 ed., [1839]; 3 ed., [1843]; 6 ed., 1860; 7 ed., 1868.
- MURRAY (C.), Tratado de farmacia y farmacognosia, 1866.
- Apuntes para la historia de la farmacia argentina, [1867].

Pharmacy—continued.

- MURRAY (Dr. J.), Elements of *materia medica* and *pharm.*, 1804.
 — System of *materia med.* and *pharmacy*, 1810; 2nd ed., 1813.
- MUTER (J.), Introd. to pharmaceutical chem., 1874; [2 ed., 1879].
- NEDERLANDSCHE MAATSCHAPPIJ TER BEVORDERING DER PHARMACIE, (*see*).
New remedies, retrospect of ... *pharmacy*, etc., 1871–9.
- NORWAY, Medicinal-Taxt for Norge, 1855; 1861; 1864.
 — Veterinair-Medicinal-Taxt, 1861; 1862; 1863; 1864.
- NYSTEN (P. H.), Dictionnaire de médecine, etc., 8me éd., 1840.
- Om Materialisternes Ret til Handel med visse Medicinalvarer, 1868.
- ONTARIO COLLEGE OF PHARMACY, Canadian pharmaceutical journal, 1871–80.
- OWEN (R. J.), Chemists and druggists' compendium of receipts and processes, 1871.
- PAGE (J.), Receipts for preparing and compounding medicines made use of by Mr. Ward, 1763.
- PARRISH (E.), Introduction to practical pharmacy, 2nd ed., 1859.
 — Treatise on *pharmacy*, 3rd ed. [of Introd.], 1864; 4th ed., 1874.
- PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Pharmaceutical journal and transactions, 1841–80.
 — Catalogue of the library, 1853; [2nd ed.,] 1873–4; etc.
 — Charter, act, and bye-laws, 1858; etc.
 — Calendar, 1867, 1870–80.
 — Registers of pharmaceutical chemists, etc., 1869–80.
 — Universal International Exhibition, report on exhibits, 1878.
- PHARMACEUTICAL SOCIETY OF IRELAND, Calendar, 1877–80.
- PHARMACEUTICAL SOCIETY OF VICTORIA, Annual report, 1878–80.
 — Constitution and laws, 1879.
- Pharmaceutical times, a journal of chemistry, etc., 1846–7.
- PHARMACEUTISCHE GESELLSCHAFT IN ST. PETERSBURG, Bericht über die Verhandlungen der General-Versammlung, 1864.
- Pharmaceutische Monathsblätter, 1821.
- Pharmaceutisches Repertorium, 1879.
- Pharmaceutisk Tidende, 1861–3; Ny pharm. Tidende, 1875–9.
- PHARMACIE CENTRALE DE FRANCE, L'Union pharmaceutique, 1860–71.
 — Catalogue pharmaceutique ou Prix courant, 1862.
- PHILADELPHIA COLLEGE OF PHARMACY, American journal of *pharmacy*, 1829–79.
 — Report, with catalogue of members, 1846.
 — Charter and laws, list of officers and members, 1847.
 — Valedictory charge to graduates, by W. Procter, jr., 1858.
 — Prospectus, [with] historical sketch of the school, 1864; [and sundry other pamphlets of a similar nature, 1868–78].
- PROCTOR (B. S.), Lectures on practical *pharmacy*, 1873.

Pharmacy—continued.

- QUINCY (J.), [Pharmacopœia officinalis, containing the theory of ph., 3 ed., 1720;] 4 ed., 1722; 6 ed., 1726; 7 ed., 1728; 8 ed., 1730; 10 ed., 1736; 11 ed., 1739; 12 ed., 1742; 14 ed., 1769.
— Praelectiones pharmaceuticæ, or Course of lectures, 1723.
- Répertoire de pharmacie, 1856–68.
- Repertorium für die Pharmacie, 1815–51; Neues Rep., 1852–76.
- SARDINIA, Tarif de pharmacie pour les etats sardes, 1853.
- SCHLICKUM (O.), Die wissenschaftliche Ausbildung des Apotheker-lehrlings, 1878.
- SCHWEIZERISCHER APOTHEKER-VEREIN, *St. Gall*, (*see*).
- SCHWENKFELD (C.), Thesaurus pharmaceuticus, 1587.
- SILVA (P. J. da), [Historia da pharmacia portugueza,] 1866.
- SMITH (J. B.), Pharmaceutical guide, 1870; 2nd ed., 1874.
- SOCIEDAD DE FARMACIA NACIONAL ARGENTINA, *Buenos Aires*, Revista farmacéutica, 1858–79;—Reglamento, 1863;—Tarifa, 1873.
- SOCIÉTÉ DE PHARMACIE D'ANVERS, Journal de pharmacie, 1862, 1867–76, 1878–9.
- SOCIÉTÉ DE PHARMACIE DE PARIS, (*see*).
- SOCIÉTÉ ROYALE DE PHARMACIE DE BRUXELLES, Bulletin, 1857–74.
- SOCIETY OF APOTHECARIES, Officina chymica Londinensis, 1685.
- SOUBEIRAN (E.), Nouveau traité de pharmacie, 1840.
- SOUTH LONDON SCHOOL OF PHARMACY, (*see*).
- STEGGALL (J.), First lines for chemists and druggists preparing for examination, 1844; 3rd ed., 1869.
- Theory and practice of chirurgical pharmacy, 1761.
- THOMSON (Anth. T.), Conspectus of pharmacopœias, a compendium of ... pharmacy, 1810; 11th ed., 1838; new ed., 1874.
— London dispensatory, a synopsis of ... pharmacy, 1814; new ed., 1824; 10th ed., 1844; 11th ed., 1852.
- UNITED SOCIETY OF CHEMISTS AND DRUGGISTS, *London*, Deputation to the Pharmaceutical Council, 1867.
- VICTORIA, PHARMACY BOARD, Pharmaceutical register, for 1877[–9].
—, — Pharmacy act and regulations, [1877?].
—, — First report of Pharmacy Board, 1880.
- VICTORIAN CHEMISTS' ASSISTANTS' ASSOC., Sixth ann. rep., etc., 1879.
- Vierte Jahresschrift für praktische Pharmacie, 1854, 1856–73.
- VIREY (J. J.), Traité de pharmacie, 1811.
- VOGLER (J. P.), Pharmaca selecta, denuo ed., 1788.
- WILLS (G. S. V.), Elements of pharmacy, [1877?].
- WILLSON (A. R.), Chemical notes for pharmaceut. students, 1875.
- WILSON (J.), Pharmacopœia chirurgica, or Manual of chirurgical pharmacy, 3rd ed., 1814.
- WITTSTEIN (G. C.), Practical pharmaceutical chemistry, 1853.

Pharmacy—continued.

- WOLFF (E.) & B. HIRSCH, Die Prüfung der Arzneimittel, 1866.
- Year-book of therapeutics, pharmacy, etc., New York, 1872.
- YVAN (Dr.), Lettre sur la pharmacie en Chine, 1847.
- YVON (P.), Traité de l'art de formuler, comprenant un abrégé de pharmacie chimique et galénique, 1879.
- Pharmakopeia, Rossieskaia.** See RUSSIA, 1871, 1880.
- Pharmakopoe für das Königreich Bayern.** See BAVARIA, 1859.
- Pharmakopöe fur das Königreich Hannover.** See HANOVER, 1861.
- Philadelphia.** See AMERICAN PHARMACEUTICAL ASSOC.;—NATIONAL PHARMACEUTICAL CONVENTION;—PHILADELPHIA COLLEGE OF PHARMACY;—ZOOLOGICAL SOCIETY OF PHILADELPHIA.
- . **International Exhibition, 1876.** See UNITED STATES, ARMY MEDICAL DEPARTMENT, Pamphlets in connection with exhibit.
- PHILADELPHIA COLLEGE OF PHARMACY.**
- Journal; edited by B. Ellis [and R. E. Griffith]. Philadelphia, 18[29–35]. 6 vol., pl.
 - American journal of pharmacy; new series [of the Journal]; edited by R. E. Griffith, [J. Carson, R. Bridges, and W. Procter, jr.]. Philadelphia, [1835–]52. 18 vol., pl.
 - Same. Third series, edited by W. Procter, jr. Philadelphia, 1853–70. 18 vol., pl.
 - Same. Fourth series, edited by J. M. Maisch. Philadelphia, 1871–9. Vol. 1–9., pl.
 - Same. General index, 1830–50; [compiled by A. B. Taylor]. Philadelphia, 1850.
 - Same. General index, 1825–70; comp. by H. M. Wilder; [also, Historical notice by the publishing committee]. Phila., 1873.
 - Report, with catalogue of members & graduates. Phila., 1846. 16 p.
 - Charter and laws; list of officers & members. Phila., 1847. 12 p.
 - Valedictory charge to the graduates, by W. Procter, jr.; with a list of the graduates. Philadelphia, 1858. 16 p.
 - Prospectus of the forty-fourth annual course of instruction; [with] historical sketch of the school. Phila., 1864. 16 p.
 - Fourth annual report of the Alumni Association; containing also, valedictory address by E. Parrish. Philadelphia, 1868. 40 p.
 - Constitution, by-laws and code of ethics of the College; with lists of officers, members, etc.; and announcement of the School of Pharmacy. Philadelphia, 1869. 50 p.
 - Thirteenth annual report of the Alumni Association; with exercises of the fifty-sixth commencement of the College. Philadelphia, 1877. 2 + 48 + 26 p.
 - Fifty-seventh annual announcement; with list of graduates. Philadelphia, 1877. 44 p.

PHILADELPHIA COLLEGE OF PHARMACY—*continued.*

Fourteenth annual report of the Alumni Association; with exercises of the f[if]ty-seventh commencement of the College. Philadelphia, 1878. 2 + 64 + 26 p.

PHILIP (A. P. W.). On the influence of minute doses of mercury, combined with the appropriate treatment of various diseases, in restoring the functions of health, & the principles on which it depends. Second edition. London, 1835. 2 + 8 + 2 + 116 p.

PHILLIPS (Charles Douglas Fergusson). Materia medica and therapeutics; vegetable kingdom. London, 1874. 8 + 584 p.

PHILLIPS (John Arthur).

Manual of metallurgy; practical treatise on the chemistry of the metals. Lond., 1852. 20 + 606 p. (Encyclop. metropolitana.)

Elements of metallurgy; practical treatise on the art of extracting metals from their ores. London, 1874. 20 + 766 p.

Copper smelting. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1876, Iron, etc., p. 77–125.*)

PHILLIPS (Richard).

Experimental examination of the Pharmacopœia Londinensis; with remarks on Powell's translation, *etc.* Lond., 1811. 8 + 152 p.

Remarks on the editio altera of the Pharm. Londinensis, and on Powell's translation and annotations. Lond., 1816. 14 + 66 p

See also Annals of philosophy, 1821–6.

See also Philosophical magazine, 1827–51.

See also ROYAL COLLEGE OF PHYSICIANS OF LONDON, Translation of the Pharmacopœia, with notes, 1824; 2nd ed., 1831; 3rd ed., 1838; 4th ed., 1841; [last ed.,] 1851.

Philosopher's stone. (*See also Alchemy.*)

D. (H. V.), Tomb of Semiramis hermetically sealed, 1674.

Hermetical triumph, or Victorious philosophical stone, 1723.

VALENTINUS (B.), Triumphant chariot of antimony, *etc.*, 1868.

Philosophical instruments & processes. *See GLAISHER (J.), 1852.*

Philosophical magazine. (*See also next page.*)

Philosophical magazine and journal: comprehending the various branches of science, the liberal and fine arts, geology, agriculture, manufactures and commerce; by A. Tilloch. London, [1814–7]. Vol. 43–50, pl.

Note.—Amalgamation of Phil. mag. with Journal of natural philosophy, etc., by W. Nicholson; for the latter work, see Journal.

Philosophical magazine, or Annals of chemistry, mathematics, astronomy, natural history, and general science; by R. Taylor and R. Phillips; [second] series. Lond., [1827–32]. 11 vol., pl.

Note.—Amalgamation of Phil. mag. and journal with Annals of philosophy, by T. Thomson, etc.; for the latter work, see Annals.

Same. General index to [second] series. London, 1835.

Philosophical magazine—continued.

London and Edinburgh philosophical magazine, and journal of science; by D. Brewster, R. Taylor, and R. Phillips; [third] series. London, [1832–40]. Vol. 1–16, pl., por.

Note.—Amalgamation of Phil. mag. with Edinburgh journal of science.

London, Edinburgh and Dublin philosophical magazine and journal of science; by D. Brewster, R. Taylor, R. Phillips, R. [J.] Kane, [and E. W. Brayley; third] series, [continued]. London, [1840–50]. Vol. 17–37, pl.

Same. Fourth series; [by D. Brewster, R. Taylor, R. Phillips, R. J. Kane, W. Francis, J. Tyndall, A. Matthiessen, and W. Thomson]. London, [1851–75]. 50 vol., pl., por.

Same. Fifth series; [by R. J. Kane, W. Thomson, and W. Francis.] London, [1876–9]. Vol. 1–8, pl.

PHILOSOPHICAL SOCIETY OF GLASGOW.

Proceedings, 186[7–8; 1870–9]. Glasgow, 1868, 1871–9. Vol. 4, no. 4; v. 7, no. 3; v. 8–11; pl., tab.

Memorandum and articles of association. Glasgow, 1879. 16 p.
(*In their Proceedings*, vol. 11.)

Philosophical transactions. See ROYAL SOC. OF LONDON, 1753–1879.

Philosophy. (*See also* headings commencing “Philosophical.”)

BARTHOLINUS (T.), *Acta medica et philosophica Hafniensia*, 1673, 1675, 1680.

BÜCHNER (F. C. C. L.), *Science et nature, essais de philos.*, 1866.

EULER (L.), *Letters to a German princess*, transl., 1795.

FRANKLIN (B.), *Experiments & observations on electricity*, [also] letters and papers on philosophical subjects, 5th ed., 1774.

LITERARY AND PHILOSOPHICAL SOCIETY OF MANCHESTER, (*see*).

PAGÈS (J. B.), *L'œuvre des trois familles du monde*, 1625.

Philosophy, Chemical. See Chemistry.

Philosophy, Experimental and Natural. See Physics.

Phlegmasia dolens. HULL (J.), *Essay on phlegmatia dolens*, 1801.

Phlogiston.

HIGGINS (W.), *Comparative view of the phlogistic and antiphlogistic theories*, 1789.

PRIESTLEY (J.), *Experiments and observations relating to air*, [also] *Considerations on the doctrine of phlogiston*, 1796.

PHOEBUS [Phöbus] (Philipp).

Über die Naturwissenschaften als Gegenstand des Studiums, des Unterrichts und der Prüfung angehender Ärzte. Nordhausen, 1849. 8 + 90 p.

Über pharmakodynamische Äquivalente für die Hauptbestandtheile der Mineralwässer und über einiges Verwandte. Giessen, 1858. 36 p.

PHOEBUS [PHÖBUS] (Philipp)—*continued.*

Die Delondre-Bouchardatschen China-Rinden. Giessen, 1864.

4 + 76 p. + 1 tab.

Kleine cinchonologische Notizen. [München, 1865–7.] 2 pam.

Phosphate of calcium. See Calcium, Phosphate of.

Phosphates. DALTON (J.), On the phosphates, etc., 1840–2.

Phosphorescence. WILSON (B.), Series of experiments relating to phosphori, with transl. of two memoirs by J. B. Beccari, 1775.

Phosphorus.

MÉHU (C.), Sur les différents modes d'administrer le phosphore en nature, 1875.

THOMPSON (J. A.), Free phosphorus in medicine, 1874.

Photogenic oils. See Oils, Hydrocarbon.

PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN, *London.*

[Photographic] journal [and] transactions ; edited by A. Henfrey, [J. R. Major, W. Crookes, H. W. Diamond, J. Spiller, H. B. Pritchard, and R. J. Friswell]. London, 185[3]–80. Vol. 1–16 ; ser. 2, v. 1–3 ; v. 4, nos. 1–5 ; pl.

Photography. (See also Daguerreotype ;—PHOTOGRAPHIC SOCIETY).

ABNEY (W. de W.), Treatise on photography, 1878.

FOSTER (P. Le N.), Photography, 2nd ed., 1877.

HUNT (R.), Manual of photography, 3rd ed., 1853.

PRICE (L.), Manual of photographic manipulation, 1858.

Phrenology.

DONOVAN (C.), Reply to Sir B. Brodie's attack on phrenol., 1857.

EPPS (J.), Horæ phrenologicæ, three phrenological essays, 1829.

Phthisis or Consumption.

ADDISON (W.), Dissertation on Malvern water, the causes and treatment of ... consumption, etc., 2nd ed., 1831.

EVANS (J. T.), Lectures on pulmonary phthisis, 1844.

FOURNIER (G.), De la créosote du hêtre dans le traitement de la phthisie pulmonaire, [1878 ?].

FURNIVALL (J. J.), On the successful treatment and prevention of consumption, 2nd ed., 1844.

GANNAL (J. N.), Two memoirs on the inhalation of diluted chlorine in pulmonary consumption, 1830.

HOCKEN (E. O.), Practical enquiry into the value of medicinal naphtha in tubercular phthisis, 1844.

HOSPITAL FOR CONSUMPTION, etc., *London*, Pharmacopœia, 1848.

KELLIE (J.), Hints for the cure of consumption, 1860.

LOUIS (P. C. A.), Researches on phthisis, 2nd ed., 1844.

SCUDAMORE (C.), Cases illustrative of the efficacy of medicines administered by inhalation in pulmonary consumption, 1830.

SIMMONS (S. F.), Practical observat. on treatment of cons., 1780.

Physic. *See Materia medica;—Medicine;—Pharmacy; etc.*
Physical geography and Physiography.

ANSTED (D. T.), *Elem. course of ... physical geog.*, 2nd ed., 1856.
 BUFF (H.), *Familiar letters on the physics of the earth*, 1851.
 HUMBOLDT (F. H. A. v.), *Cosmos*, translated, 1868–71.
 HUXLEY (T. H.), *Physiography, introd. to study of nature*, 1878.
 SKERTCHLY (S. B. J.), *Physical system of the universe, an outline of physiography*, 1878.

SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, *Library of useful knowledge, natural philosophy*, 1829–38, vol. 3, (*see*).

Physicians. *See Medicine.*

Physics, or Natural philosophy.

Annales de chimie, ou Recueil de mémoires, *etc.*, 1789–1815.
 —Annales de chimie et de physique, 1816–79.
 Annalen der Physik und Chemie, von J. C. Poggendorff, 1858–9.
 [Annals of philosophical discovery, by W. Sturgeon, 1843.]
 Annals of philosophy, by T. Thomson, *etc.*, 1813–26.
 ARNOTT (N.), *Elements of physics*, 6th ed., 1864–5; 7th ed., 1876.
 BECHER (J. J.), *Actorum laboratorii chymici Monacensis seu Physicæ subterraneæ libri duo*, 1681.
 BERGMAN (T. O.), *Physical and chem. essays*, 1784; 1788; 1791.
 BIOT (J. B.), *Traité de physique expérим. et mathématique*, 1816.
 BIRD (G.) & C. BROOKE, *Elem. of n. phil.*, 4 ed., 1854; 6 ed., 1867.
 BOUSSINGAULT (J. B. J. D.), *Rural economy*, 2nd ed., 1845.
 BOYLE (R.), *Works, epitomiz'd*, by R. Boulton, 1699.
 BRISSON (M. J.), *Traité élémentaire de physique*, 3me éd., 1800.
 —Élémens, ou principes physico-chymiques, 2e éd., 1803.
 BUFF (H.), *Familiar letters on the physics of the earth*, 1851.
 CAVALLO (T.), *Elements of natural or experimental philos.*, 1803.
 Chemical news, [and journal of physical science,] 1860–79.
 Chemist, a monthly journal of ... physical science, 1854–8.
 DAVY (H.), [Collected works, ed. by J. Davy, 1839–40].
 DESCHANEL (A. P.), *Elementary treatise on natural philosophy*, translated by J. D. Everett, 1871–2; 4th ed., 1877.
 Edinburgh philosophical journal, 1819–26; Edinburgh new philosophical journal, 1854–6.
 EULER (L.), *Letters to a German princess*, transl., 1795.
 EVERETT (J. D.), *Elementary text-book of physics*, 1877.
 FARADAY (M.), *Experimental researches in ... physics*, 1859.
 FOWNES (G.), *Physical ... chemistry*. (*See his Manual of chem.*)
 FRANKLAND (E.), *Experim. researches in ... physical chem.*, 1877.
 GANOT (A.), *Elementary treatise on physics*, transl. by E. Atkinson, 2nd ed., 1866; 5th ed., 1872; 8th ed., 1877.
 —Natural philosophy for general readers, 1872; 3rd ed., 1878.

Physics, or Natural philosophy—continued.

GORE (G.), Art of scientific discovery, 1878.

GROVE (W. R.), Correlation of physical forces, 2nd ed., 1850; 5th ed., 1867.

HUNT (R.), Elementary physics, 1851.

Jahresbericht über die Fortschritte der reinen ... Chemie, Physik, Mineralogie und Geologie, [für] 1851[-6].

— Eng., Annual report of progress of ... physics, [for 1847-50].

— Jahresbericht über die Fortschritte der Physik [für] 1857.

Journal of natural philosophy, etc., by W. Nicholson, 1802-13.

Laboratory, The, a weekly record, by J. C. Brough, 1867.

LIEBIG (J. v.), Chemistry and physics in relation to physiology and pathology, 1846.

LOCKYER (J. N.), Contributions to solar physics, 1874.

MARCET (J.), Conversations on natural philos., 14th ed., 1872.

MILLER (W. A.), Chemical physics. (See his Elements of chem.)

MÜLLER (J.), Principles of physics and meteorology, 1847.

NEWTON (I.), Excerpta e Principiis philosophiae naturalis, 1765.

Philosophical magazine, 1814-7, 1827-79.

POWELL (B.), History of natural philosophy, 1834.

PRIESTLEY (J.), Experiments and observations, 1779-86; 1790.

— Heads of lectures on experimental philosophy, 1794.

QUINCY (J.), Lexicon physico-medicum, New medicinal dictionary, etc., 4 ed., 1730; 6 ed., 1743; 7 ed., 1757; 11 ed., 1794.

Readings in science, explanations in natural philosophy, 1833.

SCHÖDLER (F.), Book of nature, ed. by H. Medlock, 1851.

SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829-38.

SOMERVILLE (M.), On the connexion of the physical sciences, 8th ed., 1849.

STEWART (B.), Lessons in elementary physics, 1871.

TAIT (P. G.), Lectures on recent advances in physical science, 2nd ed., 1876.

THOMSON (R. D.), Sketch of the recent progress of physical science, [1862]. *

THOMSON (T.), Sketch of the progress of physical science, [1862]. *

THOMSON (W.) & P. G. TAIT, Elements of natural philosophy, 1873.

TODHUNTER (I.), Natural philosophy for beginners, 1877.

TYNDALL (J.), On the importance of the study of physics, 1855.

— Contributions to molecular physics in radiant heat, 1872.

WEINHOLD (A. F.), Introduction to experimental physics, 1875.

WHEWELL (W.), Astronomy and general physics considered with reference to natural theology, [2nd ed.,] 1833.

YOUNG (T.), Course of lectures on nat. philosophy, new ed., 1845.

- Physiography.** *See Physical geography and Physiography.*
- Physiology, Animal and Human, including Physiological chemistry.**
- BEALE (L. S.), Bioplasm, introd. to study of physiology, 1872.
 - Protoplasm, or Matter and life, 3rd ed., 1874.
 - BROWN (A. C.) & T. R. Fraser, On the connection between chemical constitution and physiological action, 1868-9.
 - CARPENTER (W. B.), Principles of physiology, 3rd ed., 1851.
 - Principles of hum. physiol., 4 ed., 1853; 6 ed., 1864; 8 ed., 1876.
 - Manual of physiology, including phys. anatomy, 4th ed., 1865.
 - CULLEN (W.), Institutions of medicine, pt. 1, physiol., 2 ed., 1777.
 - DAVY (J.), Researches, physiological and anatomical, 1839.
 - DUMAS (J. B. A.) & J. B. J. D. BOUSSINGAULT, Chemical and physiological balance of organic nature, 3rd ed., 1844.
 - FORDYCE (G.), Lectures on physiology, *etc.*, [1764-1802?] ms. *
 - FOSTER (M.), Text book of physiology, 3rd ed., 1879.
 - FUNKE (O.), Atlas of physiological chemistry, 1853. *
 - GORDON (J.), Outlines of lectures on human physiology, 1817.
 - HERMANN (L.), Elements of human physiology, 2nd ed., 1878.
 - HUXLEY (T. H.), Lessons in elementary physiology, 4th ed., 1870.
 - KINGZETT (C. T.), Animal chemistry, 1878.
 - Lancet**, [journal of medicine, physiology, *etc.*,] 1823-79.
 - LEHMANN (C. G.), Lehrbuch der physiologischen Chemie, 1850-2.
 - Eng., Physiological chemistry, tr. by G. E. Day, 1851-4.
 - LIEBIG (J. v.), Animal chemistry, 1842.
 - Familiar letters on chemistry, 3rd ed., 1851; 4th ed., 1859.
 - Chemistry and physics in relation to physiology, 1846.
 - Researches on the chemistry of food, 1847.
 - Researches on the motion of juices in the animal body, 1848.
 - MAYO (H.), Outlines of human physiology, 2nd ed., 1829.
 - MULDER (G. J.), Chemistry of veget. and animal physiol., 1849.
 - PAGET (J.), On the importance of the study of physiology, 1855.
 - PETTIGREW (J. B.), Physiology of the circulation in plants, in the lower animals, and in man, 1874.
 - ROGET (P. M.), Animal and vegetable physiology, considered with reference to natural theology, [2nd ed.,] 1834.
 - SCHÖDLER (F.), Book of nature, ed. by H. Medlock, 1851.
 - SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829-38, vol. 4, (*see*).
 - THUDICHUM (J. L. W.), Manual of chemical physiology, 1872.
 - Physiology, Vegetable.** *See Agriculture;—Botany.*
 - Physostigma.** (*See also Physostigmin.*)
 - FRASER (T. R.). Experimental research on the antagonism between the actions of physostigma and atropia, 1872.
 - VÉE (A.), Recherches sur la fève du Calabar, 1865.

Physostigmin. MASING (E.), Zur quantitativen Bestimmung, [1876].

Phytologist.

Phytologist : a popular botanical miscellany, conducted by E.

Newman. London, 1852–4. Vol. 4, p. 393–1160; vol. 5.

Phytologist : a botanical journal; [second series ;] edited by A.

Irvine. London, 1855–63. 6 vol., pl.

Note.—A supplement, on British botany, consisting of 224 p., without separate t.-p., appeared in v. 2; also, a general index of the work from 1842–54.

PICARD (H.). New pocket dictionary of the English-Dutch and Dutch-Eng. languages, by H. P.; [afterwards] by A. B. Maatjes and H. J. Vigin. Fifth ed., [by F. N.]. Gouda, 1877. 16 + 1186 p. *

Picric acid. BASTELAER (A. D. VAN), Recherche d'un réactif spécial propre à constater la pureté de la farine de riz, 1867.

Picrotoxin. GAABE (J.), Untersuchungen über einige Derivate des Pikrotoxins, 1872.

PIDOUX (H.). See TROUSSEAU (A.) & H. P., Traité de thérapeutique et de matière médicale, 1837–9; 7me éd., 1862.

PIERS (M.). See SOCIÉTÉ ROYALE DE PHARMACIE DE BRUXELLES, Falsifications, rapport par Hauchamps et P., 1853.

PIESSE (G. W. Septimus).

Lecture on perfumes, flower-farming, and the method of obtaining the odours of plants. [London, 1865.] 9 ff. 2 copies.

Art of perfumery, and methods of obtaining the odours of plants; the flower-farm system; artificial fruit-essences, etc. Fourth edition. London, 1879. 20 + 506 p.

PIFFERI (Giuseppe). Breve cenno e preparazione di un nuovo composto [solfo-arsenio-fenato] di chinina. Roma, 1879. 12 p. 2 copies.

Pig. FLEMING (A.), On the measles of the pig, and measly pork, 1857.

PIJL (Roelof VAN DER). Practical grammar of the Dutch language. Fourth edition, by L. A. Laurey. Rotterdam, 1876. 4 + 358 p.

PILCHER (George). On some points in the physiology of the tympanum. London, 1854. 2 + 32 p.

Pill, Triplex. See SQUIBB (E. R.), Notes on a percolator, etc., 1873.

PIM (Capt. Bedford). Ship-building. (In BEVAN, G. P., British manufact. industries, 2nd ed., 1877, Ship-building, etc., p. 1–64.)

Pins. AITKEN (W. C.), Guns, ... Pins, etc., 2nd ed., 1878.

Pinus. DIVE (P.) Essai sur un arbre du genre pinus qui croît spontanément dans les Landes de Gascogne, 1872.

Piperaceæ. MIQUÉL (F. A. W.), Illustrationes piperacearum, [1846].

PIRANESI (P.). See VERGANI (A.), Ital. and Eng. grammar, 1820.

PIRES (Thomé). See SILVA (P. J. DA), Historia da pharmacia portugueza, Elogio historico e noticia completa de T. P., 1866.

PISO (Willem). *See* MARTIUS (C. F. P. v.), *Versuch eines Commentars über die Pflanzen in den Werken von Marcgrav und P.*, 1853.
PITCAIRNE (Archibald) or PITCARNIUS.

Opuscula medica. Editio tertia. Roterodami, 1714. 4 + 286 p.
See also BOERHAAVE (H.), *Praxis medica*, with Methodus præscribendi formulas secundum A. Pitcarnium, 1716.

PITTON DE TOURNEFORT (Joseph). *See* TOURNEFORT (J. P. DE).

Plague or Pestilence. (*See also* Cattle;—Epidemics.)

[DEFOE (D.),] *History of Great Plague in London in 1665*, 1819.

FORSTER (T.), *Facts respecting epidemia, with catalogue of visitations of plague, pestilence, and famine*, 3rd ed., 1832.

HANCOCK (J.), *Observations on the origin and treatment of pestilential diseases*, 1831.

THUCYDIDES, *Account of the Plague of Athens*, 1734.

PLANCHE (Louis Antoine). *See* *Journal de pharmacie et de chimie*, 1809–40.

PLANCHON (Gustave).

Des quinquinas. Paris, 1864. 150 p. 2 copies.

Eng. Peruvian barks; translated from the French, [by order of the India Office]. London, 1866. 6 + 104 p.

Le kermès du chêne, aux points de vue zoologique, commercial & pharmaceutique. Paris, 1864. 48 p. 2 copies.

Note sur quelques produits [végétaux] de la région méditerranéenne rarement observés dans le midi de la France. [Montpellier, 1866.] 6 p., n. t.-p.

Matériaux pour la flore médicale de Montpellier et des Cévennes d'après Lobel. Montpellier, 1868. 44 p.

Note sur l'origine de l'élémi en pains. [Paris, 1868.] 4 p., n. t.-p.

Considérations générales sur la matière médicale. [Paris, 1870.] 10 p., n. t.-p.

Matière médicale; notes, etc. [Paris, 1875.] 12 p., n. t.-p.

Contains "Des diverses sortes de pareira brava."

Sur les caractères et l'origine botanique du jaborandi. [Paris, 1875.] 12 p., n. t.-p.

Traité pratique de la détermination des drogues simples d'origine végétale. Paris, 1875. 2 tomes.

Considérations générales sur la distribution géographique des médicaments simples. [Paris,] 1876. 12 p., n. t.-p.

Notes sur les styrax. [Paris,] 1876. 8 p., n. t.-p.

[Quinquina; botanique.] (*Extrait du Dictionnaire encyclopédique des sciences médicales*, 1874, 3e sér., t. 1, p. 272–316.)

See also GUIBOURT (N. J. B. G.), *Histoire naturelle des drogues simples*, 6me éd., 1869–70; 7me éd., 1876.

See also *Journal de pharmacie et de chimie*, 1875–9.

PLATT (*Sir Hugh*). Delights for ladies to adorn their persons, tables, closets, and distillatories: with beauties, banquets, perfumes and waters; [art of preserving, conserving, candying, etc.]. London, 1651. [190] p.

Note.—Bound with *Closet for ladies and gentlewomen, which see.*

PLATTNER (Carl Friedrich).

Use of the blowpipe, in the qualitative and quantitative examination of minerals, ores, furnace products, etc.; edited by [J.] S. Muspratt. Second edition. London, 1850. 20 + 402 p.

Manual of qualitative and quantitative analysis with the blowpipe, from the last German edition; revised by T. Richter; edited by T. H. Cookesley. London, 1875. 18 + 516 p.

PLAYFAIR (Lyon).

Chemical principles involved in the manufactures of the Exhibition as indicating the necessity of industrial education. (*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on the results of the Great Exhibition, 1st ser., 1852, p. 157–208.*)

See also LIEBIG (J. v.), Organic chemistry, 1840; 4th ed., 1847.

PLENCK (Joseph Jacob von).

Toxicologia, seu Doctrina de venenis et antidotis. Viennæ, 1785. 354 p.

Icones plantarum medicinalium, cum enumeratione virum et usus. Viennæ, 1788–91. Centuriæ 1–4, col. pl. *

Pharmacologia medico-chirurgica specialis, sive Doctrina de viribus medicamentorum. Viennæ, 1804. 2 pts.

Pleura. MÉHU (C.), Nouvelles recherches sur les liquides pathologiques de la cavité pleurale, [1875].

Pleurisy. *See HUXHAM (J.), Essay on fevers, etc., 4th ed., 1764.*

PLINIUS secundus (Caius). [Historie of the world, commonly called the Naturall historie of C. P.; translated from the Latin by P. Holland. London, 1601.] 2 vol. in 1; of v. 1, t.-p. w.

Pneumatics. (*See also Air;—Atmosphere.*)

BEDDOES (T.), Notes ... Medical Pneumatic Institution, 1799.

HUTCHINSON (J.), Contributions to vital statistics, obtained by means of a pneumatic apparatus, 1844.

SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829–38, vol. 1, (*see*).

Pneumonia. *See HUXHAM (J.), Essay on fevers, etc., 4th ed., 1764.*

PODWISSOTZKY. *See DRAGENDORFF (G.) & P., Über die wirksamen und einige andere Bestandtheile des Mutterkornes, 1876.*

Poetry. *See CHAUCER (G.) ;—GARTH (S.) ;—HOMER ;—LUCRETIUS CARUS (T.) ;—PHÆDRUS (A. L.) ;—POPE (A.).*

POGGENDORFF (Johann Christian). *See Annalen der Physik und Chemie, 1858–9.*

POGGIALE (Antoine Baudoin).

Réduction du chlorure d'argent par D. Tommasi ; [note par P., avec note par D. T. Florence, 1872 ?]. 6 p.

See also Journal de pharmacie et de chimie, 1859–79.

POHL (Otto). Three years' experimenting in evaporating brine : a treatise on saltmaking, showing the development and advantages of combined surface & bottom evaporation. Liverpool, 1875. 44 p.

Poisons. *See Toxicology.*

POISSON (J.). *See BAILLON* (H. E.), Dictionn. de botan., 1876–9.

POITEAU (A.). *See RISSO* (A.) & A. P., Histoire naturelle des orangers, 1818–22.

Polarization of light. *See Optics.*

POLE (Thomas). Anatomical instructor ; methods of preparing and preserving parts of the body. Lond., 1790. 92 + 318 p. + 10 pl.

Political economy.

HODGSON (W. B.), On the importance of the study of economic science, 1855.

LIEBIG (J. v.), Familiar letters on chemistry, 3 ed., 1851; 4 ed., 1859.

Popular encyclopedia or Conversations lexicon, n. ed., [1862 ?].*

POLLEN (J. H.). Furniture and woodwork. (*In BEVAN*, G. P., British manuf. industries, 2nd ed., 1877, Pottery, etc., p. 161–216.)

POLLISSARD (C.?). *See HUSSON* (N.), Collection de faits, [180–?].

Polygala senega. **PATROUILLARD** (C.), Sur le gingembre ..., Falsification de la racine de polygala de Virginie par la racine d'asclépiade dompte-venin, 1875.

POLYTECHNISCHER VEREIN FÜR DAS KÖNIGREICH BAYERN, Munich.

See FUCHS (J. N. v.), Gesammelte Schriften, 1856.

Polytechnisches Journal ; herausgegeben von E. M. Dingler. Stuttgart und Augsburg, [1858–9]. Bd. 149, Heft 6; Bd. 150–4; (*oder* 3e Reihe, Bd. 49, Heft 6; Bd. 50; 4e Reihe, Bd. 1–4); pl.

POMET (Pierre). Compleat history of druggs, [from the] French ; [with] what is further observable on the same subject, from Lemery and Tournefort. Third edition. London, 1737. 24 + 428 p. + 86 pl.

Note.—Page 225 is the commencement of vol. 2, but there is no separate title-page. Pl. 37, 70, 72, 74–6, 80, and 83 are wanting.

Pomology. *See Fruits.*

Pomona. **EVELYN** (J.), Silva ..., Pomona, [4th ed.,] etc., 1706.

POMPA (Geronimo). Colección de medicamentos indígenas [de Venezuela] y sus aplicaciones. Cuarta edición, con un suplemento sobre las enfermedades del caballo y su manera de curarlas. Caracas, 1868. 8 + 176 p., with ms. notes by G. A. Ernst, 1871.

POOLEY (T. A.). Brewing ; Distilling. (*In BEVAN*, G. P., British manufacturing industries, 2nd ed., 1878, Salt, etc., p. 157–222.)

Pompeii. CÆSAR (C. J.), *Commentarii [de ... bello civili Pompeiano]*, 1578; ed. nova, 1840.

PONTA DELGADA, JUNTA GERAL. *Les eaux thermales de l'île de São Miguel, Açores, Portugal ; [Rapport relatif à l'analyse, par F. Fouqué ; Rapports des observations faites par P. da Camara Mello Cabral, durant les années 1870-2 ; traduit du portugais, avec avant-propos par le gouverneur civil, le comte da Praia da Victoria].* Lisbonne, [1873]. 152 p.

POPE (Alex.). *The Dunciad ; [satirical poem,] with notes variorum, and prolegomena of Scriblerus.* Lond., [1729 ?]. 264 p. + 1 pl.

Popular encyclopedia ; or, Conversations lexicon : general dictionary of arts, sciences, literature, biography, history, and political economy ; with dissertations [on physical science, by T. and R. D. Thomson ; on literature, by D. K. Sandford ; on fine arts, by A. Cunningham and R. N. Wornum]. New edition. London, [1862 ?]. 7 vol., pl., maps, suppl. *

Popular science review ; a quarterly miscellany, edited by H. Lawson [and W. S. Dallas]. London, 1866-79. Vol. 5-18 (or ser. 1, v. 5-15 ; ser. 2, v. 1-3) ; pl.

Porcelain. *See Pottery, Porcelain, Ceramics.*

Pork, Measly. FLEMING (A.), *On the measles of the pig, etc.*, 1857.

Porrido. MACILWAIN (G.), *Clinical observations*, 1833.

PORTER (Rev. John Scott). *On the metrical system of weights and measures.* Third thousand. London, 1859. 24 p.

PORTER (Noah). *Tables of Scripture names, Greek and Latin proper names, and modern geographical names.* (*In WEBSTER, N., Dictionary of the English language*, 1858, p. 1283-1367.) *

Portraits. GREAT BRITAIN AND IRELAND, COMMITTEE OF COUNCIL ON EDUCATION, *Catalogue of Exhibition of National Portraits*, 1868.

PORTUGAL. (*See also Portuguese language.*)

Codex medicamentarius, seu Pharmacopœa Lusitanica. Lipsiæ, 1822. 6 + 208 p. (*Codex medicam. Europæus, sect. 6, tom. 2.*)

Note.—Translated from Portuguese into Latin ; edited by C. Sprengel.

Pharmacopœa portugueza. Edição official. Lisboa, 1876. 54 + 548 p.

See also SILVA (P. J. DA), Historia da pharmacia portugueza, 1866.

See also SOUBEIRAN (J. L.) & A. A. DELONDRE, Produits vég., 1867.

Portuguese language.

VIEYRA (A.), *Grammar of the Portug. language*, 14th ed., 1878.

— *Novo diccionario, portug. e ingleza, ing. e port., nova ed.*, 1878.*

Posology. (*See also Materia medica & Therapeutics ;—Prescribing.*)

ALEXANDER (W.), *Experim. essays on ... doses of medicines*, 1768.

RICE (C.), *Posological table*, 1879.

Potassium, Chlorate of. TOMMASI (D.), *Sur la non existence de l'hydrogène naissant*, 1879, pt. 1, *Réduction du chlor. de potasse.*

Potassium, Iodide of. DORVAULT (F. L. M.), *Iodognosie, monographie des iodiques, et en particulier ... de l'iodure de pot.*, 1850.

Potassium, Perchlorate of.

TOMMASI (D.), *Sulla non esistenza dell' idrogeno nascente*, 1879, pt. 5, *Riduzione del perclorato potassico*.

— *Sur la non existence de l'hydrogène naissant*, 1879, pt. 5, *Réduction du perchlorate de potasse*.

Potassium, Permanganate of.

MERLETTA (V. F.), *Cenno sopra un nuovo remedio [permanganato di potassa] contro il cholera-morbus*, 1866.

— *Appendice al Cenno*, 1866.

Potato murrain. SOLLY (E.), *Chemical observations*, 1846.

POTTER (William Horatio). *See GANNAL (J. N.)*, Two memoirs, 1830.

Pottery, Porcelain, Ceramics.

ARNOUX (L.), *Ceramic manufactures, porcelain and pottery*, 1853.

— *Pottery*, 2nd ed., 1877.

BEVAN (G. P.), *Industrial classes and statistics*, 1876, *Ceramics*.

POUCH-LAFARGE (Marie Fortunée), *née CAPPELLE*. *Procès de Mme. L. ; empoisonnement [de son mari]*. Paris, 1840. 464 p.

Pow (J. Brough). *New patent in aid of sanitary science relating to the sewage of towns, purification of rivers, etc.* London, [1872]. 28 p. + 1 pl.

POWELL (Rev. Baden). *History of natural philosophy*. London, 1834. 16 + 398 p. + engr. t.-p. (LARDNER, *Cabinet cyclopædia*.)

POWELL (Richard). *See ROYAL COLLEGE OF PHYSICIANS OF LONDON*, *Pharmacopœia*, translated, *etc.*, 1809 ; 2nd ed., 1809 ; 3rd ed., 1815.

POWER (Henry). *See CARPENTER (W. B.)*, *Principles of human physiology*, 6th ed., by H. P., 1864 ; 8th ed., 1876.

POWER (John). *Handy-book about books*. Lond., 1870. 18 + 236 p.

Practical observations on the use of the Indian bael or bela, in dysentery, diarrhoea, &c., by a late member of the profession, Bengal Presidency, [and others ; edited by J. G. Gould?]. London, [185-?] 12 p.

PRAIA DA VICTORIA (le comte DA). *See PONTA DELGADA, JUNTA GERAL, Les eaux thermales de l'île de San-Miguel, Açores*, 1873.

PRECEPTORS, COLLEGE OF. *See COLLEGE OF PRECEPTORS, London*.

PREECE (William Henry). *See NOAD (H. M.)*, *Student's text-book of electricity*, new ed., 1879.

— & J. SIVEWRIGHT. *Telegraphy*. Second edition. London, 1876. 2 + 10 + 312 p. (Text-books of science.)

PRESCOTT (Albert B.).

Chemical examination of alcoholic liquors. N. Y., 1875. 2 + 108 p.

Outlines of proximate organic analysis. New York, 1875. 192 p.

See also DOUGLAS (S. H.) & A. B. P., *Qualitative analysis*, 1873.

Prescribing and Prescriptions. (*See also Dispensatories;—Formulæ and Formularies;—Pharmacopœias;—Receipts, etc.*)

- ALIBERT (J. L.), *Nouveaux élémens de thérapeutique, suivi d'un essai sur l'art de formuler*, [1804—5]; 5me éd., 1826.
- ALSTON (C.), *Lectures on mat. med., appendix on prescribing*, 1770.
- BEASLEY (H.), *Book of prescriptions*, 3rd ed., 1865; 4th ed., 1872.
- BOERHAAVE (H.), *Praxis medica, body of prescrip.*, [with] *Methodus præscribendi formulas secundum A. Pitcarnium*, 1716.
- COOLEY (A. J.), *Pharmaceutical Latin grammar*, 1845; [1868].
- Fundamenta medicinæ, præscribendi methodum**, 1714.
- LEACH (S. F.), *Grammatical introduction, and key*, 3rd ed., 1839.
- Manuscripts**, [*Prescriptions of physicians, surgeons, etc., 18—*]. *
- PARIS (J. A.), *Pharmacologia*, 2 ed., 1812; 5 ed., 1822; 9 ed., 1843.
- PEREIRA (J.), *Selection of prescriptions*, 1824.
- *Selecta è prescriptis*, 14 ed. [of Selection], 1864; 15 ed., 1869.
- PROCTOR (B. S.), *Lectures on practical pharmacy*, 1873, (*see*).
- SQUIRE (P.), *Companion to the British pharmacopœia*, 1864; 2nd ed., 1864; 3rd ed., 1866; 5th ed., 1867—8; 7th ed., 1869; 8th ed., 1871; 9th ed., 1873; 11th ed., 1877; 12th ed., 1880, (*see*).
- YVON (P.), *Traité de l'art de formuler*, 1879.

Preserving, Conserving, Candying, etc.

- Closet for ladies and gentlewomen, art of preserving, etc.**, [1651?].
- PLATT (H.), *Delights for ladies, [art of preserving, etc.]* 1651.

PRESTWICH (Joseph), D. CAMPBELL, & EASTON, AMOS AND SONS. *Report on the Grays Thurrock water*. [London, 1860.] 2 + 8 + 8 p., lithographed.

PRÉTERRE (A.). *Les dents: traité pratique des maladies de ces organes, etc.* 7^e édition. Paris, 1872. 4 + 256 p.

PRICE (Lake). *Manual of photographic manipulation; practice of the art, and its applications to nature*. Lond., 1858. 10 + 256 p.

Prices of medicines, etc.

COLLEGIUM MEDICUM, *Augsburg, Pharmacopœia Augustana, [Taxa seu pretium medicamentorum]*, 1622.

GODDARD (J.), *Chemist's counter companion, ret. price book*, 1846.

NORWAY, *Medicinal-Taxt for Norge*, 1855; 1861; 1864.

— *Veterinair-Medicinal-Taxt*, 1861; 1862; 1863; 1864.

REGISTERED CHEMISTS' ASSOCIATION OF LIVERPOOL, *Dispensing and retail price list*, 1875.

SARDINIA, *Tarif de pharmacie pour les etats sardes*, 1853.

SOCIEDAD DE FARMACIA NAC. ARGENTINA, *Tarifa farmacéutica*, 1873.

PRIESTLEY (Rev. Joseph).

History and present state of electricity, with original experiments.

Second edition. London, 1769. 6 + 32 + 712 + 12 p. + 8 pl., wanting pl. 8.

PRIESTLEY (*Rev. Joseph*)—*continued.*

Philosophical empiricism: containing remarks on a charge of plagiarism respecting Dr. H——s [Bryan Higgins?], with observations relating to different kinds of air. [London,] 1775. 4 + 84 p.

Experiments and observations on different kinds of air. London, 17[77-]81. 3 vol., 6 pl.

Note.—Vol. 1 is of the third edition; vol. 2 is of the second edition.

Experiments and observations relating to various branches of natural philosophy; with a continuation of the observations on air. London, 1779-86. 3 vol., 2 pl.

Experiments and observations on different kinds of air, and other branches of natural philosophy, connected with the subject; being the former six volumes abridged, with additions. London, 1790. 3 vol., 9 pl., por.

Heads of lectures on experimental philosophy, particularly including chemistry. London, 1794. 28 + 180 p.

Present state of Europe, compared with antient prophecies; a sermon [on Matt. 3: 2] at the Gravel Pit meeting in Hackney, Feb. 28, 1794; with reasons for the author's leaving England. London, 1794. 20 + 44 p.

Use of Christianity, especially in difficult times; sermon [on Acts 20: 32] at the Gravel Pit meeting in Hackney, March 30, 1794; farewell discourse. London, 1794. 8 + 54 p.

Experiments and observations relating to the analysis of atmospherical air; also, farther experiments relating to the generation of air from water; to which are added Considerations on the doctrine of phlogiston, and the decomposition of water. London, 1796. 2 + 60 p.

See also SCHEELE (C. W.), Chemical observ. on air and fire, 1780.

PRIEUR (C. A.). *See* Annales de chimie.

Printing. HATTON (J.), Printing, 2nd ed., 1877.

PRIOR (Richard Chandler Alexander).

On the popular names of British plants. Second edition. London, 1870. 28 + 290 p.

Same. Third edition. London, 1879. 28 + 294 p.

PRIOR (Thomas). *See* BERKELEY (G.), Letter to T..... P....

PRITCHARD (Andrew). History of infusoria, including desmidiaceæ and diatomaceæ. Fourth ed., by J. T. Arlidge, W. Archer, J. Ralfs, W. C. Williamson, and the author. Lond., 1861. 12 + 968 p. + 40 pl.

PRITCHARD (H. Baden). *See* PHOTOGRAPHIC Soc., Phot. journ., 1873-6.

PRITZEL (Georg August). Thesaurus literaturæ botanicæ. Editio nova. Lipsiæ, 1872[-7]. 6 + 578 p.*

Note.—Commenced by Pritzel, and finished by K. F. W. Jessen.

PROCTER jun. (William).

See AMERICAN PHARMACEUTICAL ASSOCIATION, Syllabus of a course of study, report by W. P. jr., 1858.

See PHILADELPHIA COLLEGE OF PHARMACY, American journal of pharmacy, 1850-71;—Valedictory address to graduates, 1858.

PROCTOR (Barnard Simpson). *Lectures on practical pharmacy.* London, 1873. 16 + 400 p. + 32 pl. of prescriptions. 2 copies.

Proportionals, Definite. BRANDE (W. T.), *Tables in illustration of the theory of definite proportionals, shewing the prime equivalent numbers of elementary substances, etc., 1828.*

Propylamine. KALENICZENKO (J. DE), *Notes sur la propylam.*, 1870.

Proteus, or Law [or Unity] of nature. *See RADCLIFFE (C. B.), 1850.*

Protoplasm, or Matter and life. *See BEALE (L. S.), 3rd ed., 1874.*

PROUT (William). *Chemistry, meteorology, and the function of digestion, considered with reference to natural theology.* [2nd ed.] Lond., 1834. 26 + 572 p. + 1 col. map. (Bridgewater treatises, 8.)

Provisions. *See Food, Drink, and Diet.*

Prunus lauro-cerasus.

LANGRISH (B.), *Physical experiments upon brutes*, 1746.

LEPAGE (P. H.), *Expériences pour servir à l'histoire chimico-pharmaceutique des feuilles de laurier-cerise*, 1848.

PRUSSIA.

Pharmacopœa Borussica. Editio [secun]da. Francofurti, sumptibus Collegii Medici et Sanitatis, 1801. 8 + 216 p.

Same. Editio tertia emendata. Berolini, 1813. 8 + 208 p.

Same. Editio septima. Berolini, 1862. 16 + 260 p.

Ger. *Commentar zur preussischen Pharmacopœe nebst Übersetzung des Textes.* Dritte Auflage, bearbeitet von [C.] F. Mohr. Braunschweig, 1863. 2 + 22 + 704 p. + 1 tab.

Pharmacopœa Borussica ; Badische Pharmacopœa in Vergleichung mit der preussischen, nebst Reductionstabelle. [Mannheim, 186-?] 4 p., n. t.-p.

See also the following works relating to the Pharmacopœia :—

BERG (O. C.) & C. F. SCHMIDT, *Darstellung und Beschreibung sämmtlicher in der Pharm. boruss. aufgeführten officin. Gewächse*, 1858-63.

NEES v. ESENBECK (T. F. L.), *Plantæ medicinales*, 1828-33.

Pharmacopœa militaris Borussica. Editio quarta. Berolini, 1868. 60 p.

Prussic acid. *See Hydrocyanic acid.*

Public health. *See Health and Hygiene.*

Public school Latin primer. London, 1871. 4 + 164 p.

PUGHE (John). *See SOCIETY FOR THE PUBLICATION OF ANCIENT WELSH MSS., Physicians of Myddfai, Meddygon Myddfai*, 1861.

Pulmonary disease. *See Lungs ;—Phthisis.*

Punjab.

BROWN (T. E. B.), Description of the symptoms and treatment of poisons used in the Punjab, 1863.

CLEGHORN (H. F. C.), Report upon the forests of the Punj., 1864.

Purgatives.

ALLEN (B.), Nat. history of ... purging waters of England, 1699.

PECHLIN (J. N.), De purgantium medicamentorum facultatibus exercitatio nova, ed. ultima, 1702.

Purton saline water. SADLER (S. C.), Analysis, etc., 1860.

Putrefaction. HIGGINS (B.), Experiments and observations, 1786.

Putrid fever. PENROSE (F.), Dissertation, 2nd ed., 1768.

PYL (Roelof VAN DER). See PIJL.

Pyrmont. RUSSEL (R.), Dissertation on sea-water, [4th ed., with Treatise on the waters of Pyrmont, Spa, Seltzers, etc., 1760-2?].

Pyrometer. SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, Library of useful knowledge, natural philosophy, 1829-38, v. 2, (see).

Pyrophosphates. See PAQUELIN (C.) & L. JOLLY, Des pyrophosphates en thérapeutique, 1877.

Quackery. See SHARP, WEST, AND CO., Letter to C. Cowan, 1839.

QUAIN (Jones). Elements of anatomy; edited by W. Sharpey, A. Thomson, and E. A. Schäfer. Eighth edition. Lond., 1878. 2 v.

Quarantine. FORSTER (T.), Facts and enquiries respecting epidemia, with observations on quarantine, 3rd ed., 1832.

QUARITCH (Bernard), bookseller.

General catalogue of books. London, 1868. 8+1130 p. *

Same. Supplement, 1875-7. London, 1877. 4+8+1672 p. *

Quarries and Quarrying.

DE LA BECHE (H. T.), Mining, quarrying, and metallurgical processes and products, 1852.

HULL (E.), [Quarries and] Building stones, 2nd ed., 1878.

Quarterly journal of microscopical science; edited by E. Lankester, G. Busk, [E. R. Lankester, J. F. Payne, W. T. T. Dyer, W. Archer, E. Klein, and F. M. Balfour]. London, 1853-79. Ser. 1, vol. 1-8; ser. 2, v. 1-19; pl.

Note.—The Transactions of the Royal Microscopical Society of London, 1853-68, new series, v. 1-16, are contained in the above work, but each volume has a distinct t.-p., pagination, index, and plates.

Quarterly journal of science, 1864. See Journal of science.

[Quarterly] journal of science, [literature,] and the arts, 1816-30.

See ROYAL INSTITUTION OF GREAT BRITAIN.

QUEEN'S COLLEGE, CORK. Introd. address on medical education, with especial reference to study required for the degree of M.D., in Queen's University; by A. Fleming. Dublin, 1850. 32 p.

QUEEN'S HOSPITAL, BIRMINGHAM. Introductory address, session 1870-1; by A. Fleming. London, Birmingham, 1870. 24 p.

QUEEN'S UNIVERSITY, IRELAND. See QUEEN'S COLLEGE, CORK.

QUEENSLAND. COMMISSION FOR THE PARIS EXHIBITION OF 1867.

Catalogue of the natural and industrial products of [and exhibits from] Queensland. London, 1867. 2 + 44 p.

QUEKETT (John).

Lectures on histology. London, 1852-4. 2 vol. *in 1*.

Practical treatise on the microscope, including methods of preparing and examining structures. Second edition. London, 1852. 24 + 516 p. + 12 pl. (Library of ill. stand. sci. works, 6.)

Quicklime. See Calcium, Oxide of.

QUIN (Frédéric Foster). Du traitement homœopathique du choléra. Paris, 1832. 64 p.

QUINCY (John).

[Pharmacopœia officinalis et extemporanea : or, Compleat English dispensatory, containing the theory of pharmacy, officinal simples and compositions, and extemporaneous prescriptions. Third edition. London, 1720.] 14 + 674 p., *t.-p. w.*

Same. Fourth edition. London, 1722. 16 + 734 p.

Same. Sixth edition. London, 1726. 16 + 736 p.

Same. Seventh edition. London, 1728. 16 + 736 p.

Same. Eighth edition. London, 1730. 16 + 736 p.

Same. Tenth edition. London, 1736. 16 + 700 + 60 p., *want-*
ing p. 3-12 of prefatory portion.

Same. Eleventh edition. London, 1739. 16 + 700 + 60 p.

Same. Twelfth edition. London, 1742. 16 + 700 + 60 p.

Same. Fourteenth edition. London, 1769. 16 + 760 p.

Note.—The London pharmacopœia is included in all the editions; the Edinburgh pharmacopœia in the 14th edition. See also LEWIS (W.), New dispensatory, improvement of Quincy, 1753, etc.

Prælectiones pharmaceuticæ ; or, Course of lectures in pharmacy, chymical and Galenical ; published from original ms., with preface, by P. Shaw. London, 1723. 2 + 16 + 212 p. 2 copies.

Medico-physical essays. (*In SANCTORIUS, S., Medicina statica, etc., 4th ed., by J. Q., 1728, p. 345-463.*)

Lexicon physico-medicum : or, New medicinal dictionary, [with] terms in natural philosophy. Fourthed. Lond., 1730. 16 + 480 p.

Same. Sixth edition. London, 1743. 16 + 480 p.

Same. Seventh edition. London, 1757. 16 + 480 p.

Same. Eleventh edition. London, 1794. 12 + 828 p.

See also ROYAL COLLEGE OF PHYSICIANS OF LONDON, Dispensatory, translated by J. Q., 1721.

Quinine. See Quinology.

Quinology, including the alkaloids and medicinal preparations.

- BATTLEY (R.), Observations on the preparation of yellow bark and other medicines, 1838.
- BELANGER (Ch.), Essais du culture du quinquina à la Martinique, [1870].
- BINZ (C.), Das Chinin, 1875.
- BOUCHARDAT (G.), De la mannite, [Du pouvoir rotatoire de la quinine et de la cinchonine,] 1873.
- CHINCHON (*Lady Ana de OSORIO, Countess of*), Memoir, with plea for correct spelling of Chinchona, by C. R. Markham, 1874.
- DELONDRE (Auguste) & A. BOUCHARDAT, Quinologie, 1854. *
- GORKOM (K. W. VAN), Cultivation of Chinchonas in Java, 1870.
- GREAT BRITAIN AND IRELAND, HOUSE OF COMMONS, East India, Chinchona plant, return, correspondence from 1852-[70].
- INDIA OFFICE, Report on specimens of Chinchonæ in the herbaria at Madrid, by C. R. Markham, 1866.
- , — Chinchona species of New Granada, containing descriptions by Mutis and Karsten, *etc.*, by C. R. Markham, 1867.
- GUIBOURT (N. J. B. G.), Sur la quinquina rouge, 1857.
- HARDY (A.), Note sur la culture du quinquina en Algérie, 1868.
- HOWARD (J. E.), Examination of Pavon's collection of barks, 1863.
- Illustrations of the Nueva quinología of Pavon, 18[59-]62. *
- Quinology of the East Indian plantations, 1869-76. *
- IRVING (R.), Experiments on red and quill Peruvian bark, 1785.
- JOHANNSON (C.), Beiträge zur Kenntniss der Cinchoninresorption, 1870.
- JOHANSON (E.), Bestimmung der Alkaloide in den Chinarinden, [1877].
- KARSTEN (H.), Die medicinischen Chinarinden Neu-Granada's, 1858;—*Eng.*, 1867.
- KING (G.), Manual of cinchona cultivation in India, 1876.
- KUNTZE (O.), Cinchona, Arten, Hybriden und Cultur, 1878.
- LAMBERT (A. B.), Description of the genus cinchona, [with M.] Vahl's Dissertation, 1797.
- MANDELIN (K. F.), Chinincitrater, undersökningar, 1879.
- MARKHAM (C. R.), Travels in Peru and India, 1862.
- MARTIUS (C. F. P. v.), Vermischte Schriften botanischen Inhalts, [1, zur Kritik des Gattungs-Charakters von Cinchona,] 1860.
- PHOEBUS (P.), Die Delondre-Bouchardatschen China-Rinden, 1864.
- Kleine cinchonologische Notizen, [1865-7].
- PIFFERI (G.), Breve cenno di un nuovo composto [solfo-arsenio-fenato] di chinina, 1879.
- PLANCHON (G.), Des quinquinas, 1864;—*Eng.*, Peruv. barks, 1866.
- [Quinquina, botanique, 1874].

Quinology—continued.

- RELPH (J.), Inquiry into the efficacy of yellow bark, including observations respecting the choice of bark, 1794.
- SKEETE (T.), Experiments and observations on quilled and red Peruvian bark, [with] appendix on cinchona Caribbæa, 1786.
- SOCIÉTÉ D'ACCLIMATATION, *Paris*, De l'introduction et de l'acclimation des cinchonas dans les Indes néerlandaises et britanniques, [rapport] par J. L. Soubeiran et A. [A.] Delondre, 1868.
- SOUBEIRAN (J. L.) & A. A. DELONDRE, De l'acclimatation des cinchonas dans les Indes néerlandaises et britanniques, 1867.
- VOGL (A. E.), Die Chinarinden des Wiener Grosshandels und der Wiener Sammlungen, 1867.
- Beiträge zur Kenntniss der sogenannten falschen Chinarinden, 1876.
- WEDDELL (H. A.), Histoire naturelle des quinquinas, 1849. *
- Remarks on the generic name cascarilla, [1869].
- Notes sur les quinquinas, 1870.
- Eng., Notes on the quinquinas, tr. [by C. R. Markham], 1871.
- Ger., Übersicht der Cinchonen, von F. A. Flückiger, 1871.
- Sur l'avantage qu'il y aurait à remplacer la quinine par la cinchonidine dans le traitement des fièvres, [1877].
- WOOD (C. H.), Description of the process for manufacturing "cinchona febrifuge" at the Sikkim plantations, [1876 ?].

R. (W.), [William Rowland?]. (*See also* ROWLAND.)

See RIOLAN jeune (J.), Sure guide to physick, etc., 3rd ed., 1671.

See ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia Londonensis, transl. by N. Culpeper, with additions by W. R., 1661.

RAAB (Wilhelm). *See* Repertorium für die Pharmacie, Note.

RACKSTROW. Descriptive catalogue of Rackstrow's museum of anatomical figures. London, 1780. Pages 1–24.

RADCLIFFE (Charles Bland).

Proteus, or the Law [or Unity] of nature. Lond., 1850. 10 + 150 p.

See also Half-yearly abstract of the medical sciences, 1860–5.

RADCLIFFE (John). Practical dispensatory ; prescriptions for diseases.

Fourth ed., [by E. Strother]. London, 1721. 6 + 474 p. + por.

RADCLIFFE LIBRARY, Oxford.

Report to the Radcliffe trustees, by H. W. Acland, librarian. Oxford, 1873–4, 1876. 3 pam.

Arrangements and regulations. Fourth ed. Oxford, 1877. 8 p.

Catalogue of books on natural science in the Radcliffe Library, to Dec., 1872 ; with a list of works on India, having reference to comparative national health. Oxford, 1877. 4 + 566 p.

Catalogue of books added, 1873[–9]. Oxford, 1874–80. 7 pam.

- RADCLIFFE LIBRARY, *Oxford*—continued.
- Catalogue of transactions of societies, periodicals, and memoirs in the reading room. Third edition. Oxford, 1876. 6 + 46 p.
- Students' library: a selection from the Catalogue of the Radcliffe Library. Third edition. Oxford, 1877. 60 p.
- Radix corniolæ and Radix salep.** DRAGENDORFF (G.), *Chemische Untersuchung der Rad. Corniolæ und Rad. Salep*, [1866].
- RAFFLES LIBRARY AND MUSEUM, Singapore.** Occasional papers; no. 1, Museums, their commercial and scientific uses, by J. Collins; a lecture. [Singapore], 1874. 18 p.
- Railways and Tramways.** (*See also Steam-engine.*)
- AITKEN (W. C.), Railway bolts and spikes, 2nd ed., 1878.
- BARRY (J. W.), Railway appliances, 1876.
- BEESLEY (T.), On the geology of the eastern portion of the Banbury and Cheltenham Direct Railway, 1877.
- CLARK (D. K.), Railways, Tramways, 2nd ed., 1877.
- Rain.** SMITH (R. A.), Air and rain, chemical climatology, 1872.
- RALFS (J.). *See* PRITCHARD (A.), History of infusoria, 4th ed., 1861.
- RALPH (Thomas Shearman). Observations and experiments with the microscope on the effects of prussic acid on the animal economy. [Melbourne, 1865?] 12 p., n. t.-p.
- RAMOS (Accurcio Garcia). *Noticia do archipelago dos Açores e do que ha mais importante na sua historia natural.* Segunda edição. Lisboa, 1871. 230 p.
- RAND (Isaac). *See* SOCIETY OF APOTHECARIES, Index plantarum, 1730.
- RANKING (William H.). *See* Half-yearly abstract, 1860–5.
- RASPAIL (François Vincent). New system of organic chemistry; translated from the French, with additions, by W. Henderson. London, 1834. 604 p. + 6 tab. + 12 pl.
- RATIER (F. S.).
- Formulaire pratique des hôpitaux civils de Paris; ou Recueil des prescriptions médicamenteuses employées, avec des notes sur les doses, le mode d'administration, les applications particulières, etc. Paris, 1823. 106 + 376 p.
- See also* FRANCE, Codex medicamentarius, Pharmacopée, tr., 1827.
- RATZEBURG (Julius Theodor Christian).
- See* BRANDT (J. F.) & J. T. C. R., Medizinische Zoologie, 1829–33.
- See* HAYNE (F. G.), Getreue Darstellung und Beschreibung der in der Arzneykunde gebräuchlichen Gewächse, 1833, Note.
- RAUMER (Friedrich Ludwig Georg von). England in 1835: a series of letters; translated from the German, [with memoir,] by S. Austin [and H. E. Lloyd]. London, 1836. 3 vol.
- RAVERET-WATTÉ. *L'eucalyptus: rapport sur son introduction, sa culture, ses propriétés, usages, etc.* Paris, 1872. 4 + 98 p.

RAY SOCIETY, *London.*

Report of first annual meeting, 1844; laws, list, &c. Lond. 24 p.

Reports on the progress of zoology and botany. Edinburgh, 1845. 2 + 8 + 516 p.

State of zoology in Europe, by C. [J. L.] L. Bonaparte; Progress of zoology in 1842, translated from the German, by W. B. Macdonald; Progress of physiological botany in 1841, by H. F. Link.

Reports and papers on botany. Lond., 1846. 8 + 494 p. + 6 pl.

On the morphology of the coniferæ, by J. G. Zuccarini; On botanical geography during 1842–3, by H. R. A. Grisebach; On vegetable cells, by C. Nägeli; Progress of physiol. bot., 1842–3, by H. F. Link.

See also MASTERS (M. T.), Vegetable teratology, 1869.

READ (John). Vindication of patent syringe. Lond., [1826]. 32 p.

Readings in science; explanations of appearances and principles in natural philosophy. Lond., S. P. C. K., 1833. 8 + 404 p. + 1 pl.

REALE SOCIETÀ TOSCANA DI ORTICULTURA, *Florence.* Atti del Congresso internazionale botanico, tenuto in Firenze, Maggio, 1874. Firenze, 1876. 12 + 372 p. + 23 pl. + 1 tab.

Note.—See also International Horticultural Exhibition, London.

Receipts. (*See also Dispensatories;—Formulæ and Formularies;—Pharmacopœias;—Prescribing and Prescriptions.*)

BEASLEY (H.), Druggist's general receipt book, 2nd ed., 1852; 7th ed., 1872; 8th ed., 1878.

BLOXAM (Dr.), Collection of receipts in physic, etc., 2nd ed., 1754.

COOLEY (A. J.), Cyclopædia of practical receipts, [2nd ed.,] 1845; 3rd ed., 1856; 4th ed., 1864; 5th ed., 1872; 6th ed., 18[78–]80.

Manuscripts, 1 An excellent oyntment for y^e itch, or any ill breaking out, etc., [16— -18—]. *

— Preserves and conserves, etc., [16— -?]. *

OWEN (R. J.), Chemists and druggists' compendium, 1871.

PAGE (J.), Receipts for medicines by Mr. Ward, 1763.

SPON (E.), Workshop receipts, 1879.

Recreations in agriculture, natural-history, arts, and miscellaneous literature; by J. Anderson. Lond., 1799–1802. 6 vol., pl., por.

Rectification. *See Distillation or Distilling.*

REDWOOD (Theophilus).

Gray's supplement to the pharmacopœia: a dispensatory and manual of facts and formulæ. Second ed. Lond., 1848. 10 + 1070 p.

Same. Third edition. London, 1857. 6 + 1162 p. 2 copies.

Note.— Gray's name is omitted from the title-page of the third edition.

See also GRAY (S. F.).

See also MOHR (C. F.), Practical pharmacy, tr., with addit., 1849.

See also PEREIRA (J.), Elements of *materia medica*, 1872; 1874.

See also PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Pharmaceutical journal and transactions, 1841–70.

REECE (Richard).

Medical guide, for tropical climates. London, 1814. 72 + 238 p.

See also Monthly gazette of health, 1816–20.

REECE AND CO. Popular catalogue of drugs, specifying their properties, etc. Fifteenth edition. London, 1836. 12 + 128 p.

REES (George Owen).

On the analysis of blood and urine; with directions for the analysis of urinary calculi. London, [1836 ?]. 8 + 148 p.

See also BERZELIUS (J. J.), Analysis of organic bodies, tr., 1833.

See also PEREIRA (J.), Elements of materia medica and therapeutics, 3rd ed., 1849–53 ; 4th ed., 1854–7.

REGISTERED CHEMISTS' ASSOCIATION OF LIVERPOOL. Dispensing and retail price list, 1875. London, [1875 ?]. 32 p.

Note.—See also LIVERPOOL CHEMISTS' ASSOCIATION.

REGIUM COLLEGIUM MEDICUM, Stockholm. *See* SWEDEN, Pharmacopœa Suecica, 1787, *Note*.

REGIUM COLLEGIUM SANITATIS, Stockholm. *See* SWEDEN, Pharmacopœa Suecica, 1869, *Note*.

RÉGNAUD (Charles). Histoire naturelle, hygiénique et économique du cocotier, cocos nucifera, L. Paris, 1856. 140 p. + 12 lithog. p.

REGNAULD (Jules ?). *See* Journal de pharm. et de chimie, 1866–79.

REGNAULT (Henri Victor).

On the latent heat of steam at different pressures, by V. R. (*In* GRAHAM, T., Chemical reports and mem., 1848, p. 240–96, pl. 1.)

Elements of chemistry, by V. R. ; translated from the French by T. R. Betton, and edited, with notes, by J. C. Booth and W. L. Faber. Philadelphia, 1852. 2 vol.

See also Annales de chimie et de physique, 2–5me sér.

REICHARD (Johann Jakob). *See* LINNÉ (C. v.), Species plantarum.

REICHARDT (E.).

Guide pour l'analyse de l'eau ; traduit de l'allemand par G. E. Strohl. Paris, 1876. 8 + 104 p.

See also DEUTSCHER APOTHEKER-VEREIN, Archiv der Pharm., 1873–9.

REID (Andrew). *See* MACQUER (P. J.), Elements of chymistry, 1758.

REID (D. B.). Elements of chemistry, theoretical and practical. Third edition. Edinburgh, 1839. 48 + 910 p.

REID (Hugh G.). *See* McCULLOCH (J. R.), Dictionary of commerce and commercial navigation, new ed., 1871 ; suppl., 1875–7.

REID (Hugo).

Outlines of medical botany. Second edition. Edinburgh, 1839. 12 + 426 + 6 p. + 1 pl.

Chemistry of science and art. Edinburgh, 1840. 4 + 8 + 312 p.

REID (John). Description of a revolving washer, for removing certain impurities from gas and air, etc. Edinburgh, 1867. 16 p.

REID (Peter). *See CULLEN (W.)*, First lines of physic, 1816.

Reigate. *See HOLMESDALE NATURAL HISTORY CLUB.*

RELPH (John). Inquiry into the medical efficacy of a species of Peruvian bark, imported under the name of yellow bark: including observations respecting the choice of bark. Lond., 1794. 8 + 178 p.

Remembrancia. *See LONDON, CORPORATION*, Analytical index, 1878.

REMILLY (Dr.). *See THIBIERGE (A.) & R.*, De l'amidon, 1857.

RENNARD (Eduard). Das wirksame Princip im wässerigen Destillate der Canthariden; [Dissertation]. Dorpat, 1871. 32 p. (Kaiserliche Universität Dorpat.)

Rennes. *See ÉCOLE DE MÉDECINE ET DE PHARMACIE DE RENNES.*

RENNIE (James). *See JOURDAN (A. J. L.)*, Pharmacopœia, 1831–3.

RENOU (Jean DE) or Joannes RENODEÆUS. Medicinal dispensatory, containing the whole body of physick; discovering the natures, properties, and vertues of vegetables, minerals, & animals; the manner of compounding medicaments, and the way to administer them; Englished [from the French], and revised by R. Tomlinson. London, 1657. [852] p.

Note.—Parts 2 and 3 have each a separate title-page and preface; the title of the former reads: Three books of medicinal materials, etc.; that of the latter: The pharmaceutical [sic] shop, etc.

Répertoire de pharmacie; recueil pratique par [A.] Bouchardat. Paris, 1856–68. Tome 12, no. 10; t. 13, nos. 1, 3; t. 15, nos. 3–4, 6–12; t. 16–19, 21; t. 22, nos. 1–8, 12; t. 23, nos. 2–7, 9–12; t. 24, nos. 5–12; t. 25, nos. 2–4, 8, 10, 12; t. 26, nos. 6–11.

Repertorium für die Pharmacie.

Repertorium für die Pharmacie; angefangen von A. F. Gehlen, fortgesetzt von J. A. Buchner [und C. W. G. Kastner]. Nürnberg, 1815–51. 110 Bd. (1e Reihe, 50; 2e Reihe, 50; 3e Reihe, 10); pl., por.

Note.—Every tenth volume contains a “Register” of itself and nine preceding volumes; the compilers were, 1–30, W. Raab; 51–60, A. Marx; 61–80, L. A. Buchner; 71–110, G. C. Wittstein.

Same. Autoren- und Sach-Register zu den ersten und zweiten Reihe; von G. C. Wittstein. München, 1848. 3 Bd.

Neues Rep. für die Pharm.; angefangen von [J.] A. Buchner, fortgesetzt von L. A. Buchner. München, 1852–76. 25 Bd., pl.

Repertory of arts and manufactures: consisting of original communications, specifications of patent inventions, etc. London, 1794–[1802]. Vol. 1–15; v. 16, p. 1–360; pl.; of v. 16, t.-p. w.

Report of proceedings at an inquest [on William Coles, an infant], concluded at Emborough, March 1, 1865. [N.p., n.d.] 2 + 10 p.

REPP (Thorleifr). *See FERRALL (J. S.) & T. R.*, Dansk-norsk-engelske Ordbog, 4e Udgave, 1873.

- Reptiles.** *Ortus sanitatis, de ... reptilibus*, 1517. *
- Reptiles, British.** COOKE (M. C.), *Our reptiles*, 1865.
- Resins.** (*See also Agaric resin;—Gum resins.*)
- DRAGENDORFF (G.), *Über Mannit ...*, [2, Ein Beitrag zur Entstehungsgeschichte der Harze, etc., 1879].
- GREAT BRITAIN AND IRELAND, INDIA OFFICE, Report by M. C. Cooke on the gums, resins, oleo-resins, and resinous products in the India Museum, or produced in India, 1874.
- HIRSCHSOHN (E.), *Beiträge zur Chemie der wichtig. Harze*, 1877.
— *Beitr. zur Chem. der wichtigeren Gummih., Harze, etc.*, [1877–8].
- KEITH (B.) & Co., *Positive medical agents, treatise on resinoid preparations*, [by G. Coe ?] by authority of American Chemical Institute, 1855.
- MOREL (J.), *Turpentines & resinous products of coniferæ*, [1877–9].
- Respiration.**
- CRIKSHANK (W.), *Experiments on the insensible perspiration of the human body, shewing its affinity to respiration*, 1795.
- GUILLAUMET (A.), *De la respiration végétale*, 1872.
- HIGGINS (B.), *Experiments and observations*, 1786.
- HUTCHINSON (J.), *Contributions to vital statistics, by means of a pneumatic apparatus for valuing the respiratory powers*, 1844.
- RESSELIUS (J.). *See BERGIUS (P. J.)*, *Materia medica*, 1778, Note.
- Réunion, Île de la. DELTEIL (A.), *La vanille à la Réunion, [avec ... Resumé des observations météorologiques]* 1878.
- REUSNER (Hieronymus). *See WILlich (J.)*, *Urinarum prob.*, 1582.
- REVEIL (Oscar). *See Annuaire pharmaceutique*, 1863–5.
- Revista farmacéutica. *See SOCIEDAD DE FARMACIA NAC. ARGENTINA.*
- Rhamnus catharticus. RIGHINI (G.), *Sulla spincervino*, 1861.
- Rheum. *See Rhubarb.*
- Rheumatism.**
- See BENNETT (J. H.)*, *Treatise on the oleum jecoris aselli*, 1841.
- See SKEETE (T.)*, *Experiments on Peruvian bark, etc.*, 1786.
- RHIWALLON. *See SOCIETY FOR THE PUBLICATION OF ANCIENT WELSH MSS.*, *Physicians of Myddfai, practice of R. and his sons*, 1861.
- Rhubarb.**
- ALPINUS (P.), *De rhabontico disputatio*, 1718.
- BATTLEY (R.), *Observations on the preparation of [rhubarb]*, 1838.
- DRAGENDORFF (G.), *Rhabarberanalysen*, [1878].
- FERO (A.), *Die augenblicklich im russischen Handel vorkommenden Rhabarbersorten*, 1866.
- FLÜCKIGER (F. A.), *Bemerkungen über Rhabarber, etc.*, [1876].
- SQUIBB (E. R.), *Report on the U. S. pharmacopœia, Note on rhubarb, etc.*, 1870.
- *Notes on a new form of percolator, ... rhubarb, etc.*, 1873.

Rice.

BASTELAER (A. D. VAN), Recherche d'un réactif spécial [acide picrique] propre à constater la pureté de la farine de riz, 1867.

CHEVALLIER (J. B. A.), Note sur le papier de riz, 1840.

RICE (Charles).

Posological table, including officinal and unofficinal preparations.

(In NEW YORK, City of, DEPARTMENT OF PUBLIC CHARITIES, Hospital formulary, etc., 1879, p. 73–168.)

See also New remedies, 1876–9.

See also, in addition, AMERICAN PHARMACEUTICAL ASSOCIATION, Report on the revision of the U. S. pharmacopœia, 1880.

RICH (Sidney W.).

New and old notation of chemistry, in a set of tables; giving formulæ, the elements, etc. London, 1866. Broadside.

Analyst's annual note-book, 1874. London, 1875. 4 + 60 p.

RICHARD (Achille).

Éléments d'histoire naturelle médicale. Paris, 1831. 2 tomes, 8 pl.

See also FRANCE, Codex medicamentarius, Code des méd., 1819.

See also Journal de chimie médicale, etc., 1825–47.

RICHARDSON (T. G.), *See* North American med.-chir. rev., 1858–61.

RICHARDSON (Thomas). *See* KNAPP (F. C.), Chemical technology, 1848–51; 2nd ed., 1855–67.

RICHARDSON (W.). Chemical principles of the metallic arts; with an account of diseases incident to artificers, the means of prevention and cure, and introduction to chemistry. London, 1790. 102 + 206 p. + 3 tab.; wanting 8 p., probably not printed.

RICHE (Alfred ?). *See* Journal de pharmacie et de chimie, 1878–9.

RICHTER (Theod.). *See* PLATTNER (C. F.), Manual of analysis, 1875.

Rickets. WETHERHEAD (G. H.), Treatise on rickets, 1820.

RIDDLE (Rev. J. E.). Complete English-Latin and Latin-English dictionary. Second edition. London, 1840[–2]. 2 vol. in 1. *

RIFFAULT (Jⁿ.). *See* ACCUM (F.), Traité pratique, traduit, 1819.

RIGHINI (Giovanni).

Sullo spincervino o ramno catartico; studii chimico-farmaceutici. Milano, 1861. 26 p.

Iodoformognosie, ou Monographie chimique, physiologique, pharmaceutique et thérapeutique de l'iodoforme; traduit de l'italien et annoté par E. Janssens. Bruxelles, 1863. 4 + 88 p.

RILEY (Henry Thomas). *See* LONDON, CORPORATION, Memorials, 1868.

RIMBAULT (E. F.). Musical instruments. (In BEVAN, G. P., British manufact. industries, 2nd ed., 1878, Jewellery, etc., p. 109–53.)

RINIUS (Benedictus). *See* HUSAIN IBN ÂBD ALLAH, Avicennæ liber canonis ... à B. R. Veneto ... lucubrationibus illustrata, 1555.

Rio de Janeiro. *See* FACULDADE DE MEDICINA DE RIO DE JANEIRO.

RIOCREUX (Alf.).

See LEMAOUT (E.) & J. DECAISNE, *Traité gén. de bot.*, 1868 ; 1876.

See WEDDELL (H. A.), *Histoire naturelle des quinquinas*, 1849.

RIOLAN jenne (Jean), or Johannes RIOLANUS jun. *Sure guide to physick and chyrurgery ; an anatomical description of the whole body of man and its parts, with their diseases, etc.* Third edition ; Englished [from the Latin] by N. Culpeper and W. R[owland ?]. London, 1671. 8 + 348 p. + 24 pl.

RIPLEY (Sir George). *Medulla alchymiae ; the marrow of alchymie.*

(*In* SALMON, W., *Medicina practica*, 1692, p. 643–96.)

RISSO (A.) & A. POITEAU. *Histoire naturelle des orangers.* Paris, 1818–22. 6 + 280 p. + 109 pl., *in 2 vol.* *

RITTER (E.). *See* DRAGENDORFF (G.), *Manuel de toxicologie*, 1873.

RITTER (H.). *See* GMELIN (L.), *Handbuch der Chemie*, 1846–65.

Rivers, Purification of. *See* POW (J. B.), *New patent*, 1872.

ROBB (D. Constable). *See* PASTEUR (L.), *Studies on ferment.*, 1879.

ROBERTSON (William). *Practical treatise on diseases of the teeth ; decay and prevention.* London, 1835. 16 + 160 p. + 6 pl.

ROBINET (Stephan ?). *See* *Journal de chimie médicale, etc.*, 1825–47.

ROBIQUET (Pierre Jean ?). *See* *Journal de pharmacie et de chimie*, 1822–4, 1830–40.

ROCHLEDER (Friedrich). *See* GMELIN (L.), *Handbuch der Chemie*, 4e Aufl., 1846–65.

Rocks. RUTLEY (F.), *Study of rocks, text-book of petrology*, 1879.

RODWELL (George Farrer). *Birth of chemistry.* London, 1879. 14 + 136 p. (Nature series.)

ROGET (Peter Mark). *Animal and vegetable physiology, considered with reference to natural theology.* [Second edition.] London, 1834. 2 vol. (Bridgewater treatises, 5.)

Roman history.

CÆSAR (C. J.), *Commentarii*, 1578 ; ed. nova, 1840.

LIVIUS (T.), *Historiarum ab urbe condita libri*, 1842.

RONALDS (Edmund).

See CHEMICAL SOCIETY OF LONDON, *Journal*, 1849–50.

See KNAPP (F. C.), *Chemical technology*, 1848–51 ; 2nd ed., 1855.

RONDELETIUS (Gulielmus). *See* SCHWENCKFELD (C.), *Thesaurus pharmaceuticus, adjectus est G. R. tractatus de succedaneis*, 1587.

Rope. SIMMONDS (P. L.), *Fibres and cordage*, 2nd ed., 1877.

ROQUES (Joseph).

Phytographie médicale, histoire des substances héroïques et des poisons tirés du règne végétale. Nouvelle édition. Paris, 1835. 3 tomes + atlas, 150 col. pl. *

Histoire des champignons, comestibles et vénéneux. Deuxième édition ; atlas. Paris, 1841. 4 p. + 24 col. pl. *

ROSALES (Henry). *Essay on the origin and distribution of gold in quartz veins, its association with other minerals, etc.* (*In VICTORIA, GOVERNMENT, Prize essays, 1861, p. 209–40.*)

ROSCOE (Henry Enfield).

Lessons in elem. chemistry. Lond., 1866. 6 + 398 p. + 1 col. pl.

Same. New edition. London, 1869. 8 + 458 p. + 1 col. pl.

Same. New edition. London, 1873. 8 + 488 p. + 1 col. pl.

Same. New edition. London, 1878. 8 + 416 p. + 1 col. pl.

Spectrum analysis; lectures. London, 1869. 16 + 348 p. + 5 pl.

See also BUNSEN (R. W.), Gasometry, translated by H. E. R., 1875.

— & C. SCHORLEMMER. *Treatise on chemistry.* London, 1877–9. 2 vol. in 3.

1. Non-metallic elements.—2, pts. 1–2. Metals.

ROSE (Gustav). *Das krystallo-chemische Mineralsystem.* Leipzig, 1852. 6 + 156 p.

ROSE (Heinrich).

Practical treatise of chemical analysis, translated from the French and from the fourth German edition, with additions, by A. Normandy. London, 1848–9. 2 vol.

Note.—See also NORMANDY (A.), Practical introduction, 1849.

Traité complet de chimie analytique. Édition française originale. Paris, 1859–62. 2 tomes.

ROSE (Hugh). *See LINNÉ (C. v.), Elements of botany, 1775.*

ROSENTHAL (David August). *Synopsis plantarum diaphoriarum; systematische Übersicht der Heil-, Nutz- und Giftpflanzen aller Länder.* Erlangen, 1862. 26 + 1362 p.

ROSING (Svend). *Engelsk-dansk Ordbog.* Fjerde Udgave. K[j]øbenhavn, 1874. 6 + 654 p. *

ROSS (Andrew). *Practical illustrations of the achromatic telescope.* London, 1840. 2 + 50 p. + 1 col. pl.

ROSTAFINSKI (Joseph Thomas von). *Contributions to mycologia Britannica: myxomycetes of Great Britain;* translated from the Polish, by M. C. Cooke. London, 1877. 4 + 4 + 96 p. + 24 pl.

ROTHERHAM (John). *See Edinburgh new dispensatory, 1797.*

Rotterdam. *See NEDERLANDSCHE MAATSCHAPPIJ TER BEV. DER PHARM.*

ROUCHER (Ch.).

De la rage [hydrophobie] en Algérie, et des mesures à prendre contre cette maladie. Paris, 1866. 106 p.

De l'autorité et de la responsabilité médicales dans l'armée. Paris, 1873. 30 p.

ROUSSEAU (Jean Jacques). *Letters on the elements of botany;* translated [from the French] with additions, by T. Martyn. Fourth edition. London, 1794. 24 + 532 p.

ROWELL (William F.). *See Our water supply, 1880, Note.*

ROWLAND (William). (*See also R., W.*)

See SCHRÖDER (J.), *Compleat chymical dispensatory*, Engl., 1669.

ROWLEY (William). *Rational practice of physic*. Lond., 1793. Vol. 2.

ROXBURGH (William). *Plants of the coast of Coromandel; selected from drawings and descriptions presented to the East India Company, by W. R.; published under the direction of J. Banks*. Lond., 1795-[1815]. 3 vol., 300 pl., *bound in 2 v.; of v. 3, t.-p.w.**

ROYAL AGRICULTURAL AND COMMERCIAL SOCIETY, [Georgetown?]. *British Guiana at the Paris Exhibition; catalogue of exhibits; to which are prefixed some illustrative notices of the colony*; edited by W. Walker. London, 1878. 134 + 24 p. + 1 pl. + 1 map.

ROYAL BOTANIC GARDEN OF EDINBURGH. Report by the regius keeper, [J. H. Balfour,] for 1878. [Edinburgh, 1879?] 24 p.

ROYAL BOTANIC SOCIETY OF LONDON. Fortieth annual report of the council, 1879. London, [1879]. 18 p.

ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH.

Pharmacopœia Collegii Regii Medicorum Edinburgensis. Edinburgi, 1722. 2 + 10 + 212 p. 2 copies.

Same. Edinburgi, 1792. 20 + 254 p.

Same. Edinburgi, 1803. 24 + 256 p.

Same. Edinburgi, 1807. 20 + 208 p.

Same. Edinburgi, 1809. 20 + 208 p.

Same. Edinburgi, 1813. 20 + 208 p.

Same. Edinburgi, 1817. 24 + 264 p.

Pharmacopœia of the R. C. of P. of E. [First English edition.] Edinburgh, 1839. 26 + 218 p.

Same. [Second Eng. ed.] Edin., 1841. 28 + 222 p. 2 copies.

Eng. Dispensatory of the R. C. of P. in E.; translated from the Latin, with notes, by P. Shaw. London, 1727. 12 + 284 p.

Same. Third edition. London, 1737. 12 + 268 p.

Same. Fourth edition. London, 1740. 12 + 268 p.

Same. Fifth edition; [with] Translation of the Dispensatory of the Royal Hospital at Edin. Lond., 1753. 12 + 268 + 4 + 112 p.

Note.—The Hospital disp. has a separate t.-p., pagination, and index.

Eng. Pharmacopœia of the R. C. of P. at E.; translated from the fourth [Latin] edition, with notes, and the prescriptions in use at the Royal Hospital, by W. Lewis. London, 1748. 16 + 400 p.

See also the following works relating to the *Pharmacopœia*:

BROOKES (R.), *General dispensatory*, cont. transl., 1753; 2nd ed., 1765.

CHRISTISON (R.), *Dispensatory, or Commentary*, 1842; 2nd ed., 1848.

CLARKE (E. G.), *Pharmacopœiarum ... conspectus medicus*, 1810.

COLBORNE (R.), *Complete English dispensatory*, 1756.

DUNCAN jun. (A.), *Edinburgh new dispensatory*, 1803; 2nd ed., 1804; 3rd ed., 1806; 4th ed., 1808; 6th ed., 1811.

Edinburgh new dispensatory, [2nd ed., 1788?]; 5th ed., 1797.

ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH—*continued.*

See also the following works relating to the Pharmacopœia:—

- GRAVES (R.), *Pocket conspectus*, 2nd ed., 1799; 4th ed., 1810.
- LEWIS (W.), *New dispensatory, ... containing translation of Edinburgh pharmacopœia*, 1753; 2nd ed., 1765; 3rd ed., 1770; 5th ed., 1785.
- MOWBRAY (G. M.), *Conspectus of pharmacopœias*, 1846–7.
- MURRAY (Dr. J.), *System of materia medica, etc.*, 1810; 2nd ed., 1813.
- NELIGAN (J. M.), *Medicines, incl. conspectus of pharm.*, 3rd ed., 1851.
- QUINCY (J.), *Pharmacopœia officinalis*, 14th ed., 1769, *Note*.
- ROYAL COLLEGE OF PHYSICIANS OF LONDON, *British dispensatory*, 1747.
- *New British dispensatory*, 1781.
- *Pharmacopœia officinalis Britannica, with formulæ of Edinburgh college*, by R. Stocker, 1810; 2nd ed., 1816.
- *Pharmacopœias of L. E. and D. colleges, transl. by J. Thomson*, 1815.
- *Lexicon pharmaceuticum*, by T. Castle, 2nd ed., 1828.
- *Translation of London pharmacopœia, etc.*, by J. B. Nevins, 1851.
- *New London pharmacopœia, translated, etc.*, by P. Squire, 1851.
- THOMSON (A. T.), *Conspectus of pharmacopœias*, 1810; 11th ed., 1838.
- *London dispensatory*, 1814; n. ed., 1824; 10 ed., 1844; 11 ed., 1852.
- See, further, sundry English works on Chemistry, Materia medica, and Pharmacy, based on the Edinburgh pharmacopœia.*

Historical sketch of the Royal Coll. of Phys. of Edinburgh, from its institution to Dec., 1865. Edin., 1867. 8+170 p. + 1 pl.

ROYAL COLLEGE OF PHYSICIANS OF LONDON.

Pharmacopœia Londinensis [PRIMA]. Quarta editio; opera Medicorum Collegii Londinensis. London, 1639. 38+206 p.

Note.—The date has been altered, apparently, to 1639; at the end of the volume is a note by the printer, dated 18th March, 1638, announcing the work as the fifth edition.

Same. [SECUNDA.] Londini, 1650. 14+220 p.

Same. [SECUNDA.] Londini, 1668. 18+392 p.

Pharmacopœia Collegii Regalis Londini [TERTIA]. Londini, 1677.

16+214 p. + 1 pl., interleaved, and with ms. notes.

Same. [TERTIA.] Londini, 1678. 22+386 p. + 1 pl.

Same. [TERTIA.] Londini, 1682. 22+386 p. + 1 pl.

Pharmacopœia Collegii Regalis Medicorum Londinensis [QUARTA].

Londini, 1721. 16+162 p. + 1 pl. 3 copies; 2 with ms. notes, 1 interleaved.

Same. [QUARTA.] Londini, 1724. 22+176 p. + 1 pl. 2 copies.

Same. [QUINTA.] Londini, 1746. 16+174 p. + 1 pl. 2 copies.

Same. [QUINTA.] Londini, 1763. 16+188 p.

Same. [SEXTA.] Londini, [1788]. 24+166 p. 3 copies; 1 interleaved, and with ms. notes.

Same. [SEXTA.] Londini, 1788. 24+184 p. 3 copies.

Same. [SEPTIMA.] Londini, [1809]. 28+210 p.

Same. [SEPTIMA.] Londini, [1809]. 32+184 p.

Same. [SEPTIMA.] Editio altera. Londini, 1815. 28+216 p.

Same. [OCTAVA.] Londini, 1824. 36+160 p.

ROYAL COLLEGE OF PHYSICIANS OF LONDON—*continued.*

Pharmacopœia Collegii Regalis Medicorum Londinensis—contd.

Same. [OCTAVA.] Londini, 1824. 36 + 206 p. 2 copies.

Same. [NONA.] Londini, 1836. 40 + 216 p. 2 copies.

Same. [NONA.] Londini, 1836. 36 + 208 p.

Same. [DECIMA.] Londini, 1851. 40 + 196 p. 3 copies.

Note.—One copy wants p. 9–32 of the prefatory portion.

Same. [DECIMA.] Londini, 1851. 40 + 218 p.

Eng. *Pharmacopœia Londinensis*, or London dispensatory; [translated, with animadversions,] key to Galen's method of physick, etc., by N. Culpeper. London, 1653. 14 + 340 p.

Same. [Another edition, with additions,] by W. R. A. C. J. W. and A. Cole. London, 1661. 14 + 256 p.

Same. [Another edition.] London, 1679. 24 + 344 p.

Eng. *Pharmacopœia Londinensis*, or New London dispensatory; translated, with [additions], as also the *Praxis of chymistry*; [part 1]. Fifth ed., by W. Salmon. Lond., 1696. 16 + 890 p.

Same. Sixth edition. London, 1702. 16 + 880 p.

Same. Eighth edition. London, 1716. 14 + 800 p.

Same. Part 2, or Doron medicum; a supplement. Third edition. London, 1717. 16 + 464 p.

Eng. Dispensatory of the R. C. of P. in L.; [translated,] with notes, by J. Quincy. London, 1721. 16 + 378 p. + 1 pl.

Eng. Dispensatory of the R. C. of P., L.; translated, with remarks, &c., by H. Pemberton. London, 1746. 10 + 420 p., wanting p. 417–20.

Same. Third edition. London, 1751. 10 + 414 p.

Eng. British dispensatory, containing a translation of the London pharmacopœia; to which are joined, in a compendious manner, the contents of the Edinburgh pharmacopœia, with notes, etc. London, 1747. 12 + 136 + 92 p.

Eng. New British dispensatory, containing the preparations and compositions of the London and Edinburgh pharmacopœias, with notes, etc.; [or, Translation of the London pharmacopœia, with additions]. London, 1781. 184 p.

Eng. Pharmacopœia of the R. C. of P. of L.; translated, with notes, &c., by T. Healde. London, 1788. 16 + 344 p.

Same. Second edition. London, 1788. 16 + 352 p.

Same. Third edition. London, 1788. 16 + 368 p.

Same. Fifth edition, by J. Latham. Lond., 1791. 20 + 392 p.

Same. Sixth edition, by J. Latham. Lond., 1793. 20 + 390 p.

Same. Eighth ed., by J. Latham. London, 1801. 20 + 390 p.

Eng. Pharmacopœia of the R. C. of P. of L.; translated by H. Campbell. London, 1809. 12 + 164 p.

ROYAL COLLEGE OF PHYSICIANS OF LONDON—*continued.*

Pharmacopœia Collegii Regalis Medicorum Londinensis—contd.

Eng. [Pharmacopœia of the R. C. of P. of L.; translated, with notes, &c., by R. Powell. Lond., 1809.] 4 + 38 + 484 p. + 1 pl.

Note.—The first 4 pages are wanting.

Same. Second edition. London, 1809. 4 + 44 + 452 p. + 1 pl.

Same. Third edition. London, 1815. 16 + 38 + 484 p. + 1 pl.

Eng. Pharmacopœia officinalis Britannica; a translation of the London pharmacopœia, with formulæ of Edinburgh and Dublin colleges, [and] notes, by R. Stocker. Lond., 1810. 16 + 440 p.

Same. Second edition. London, 1816. 14 + 456 p.

Eng. Translation of the corrected edition of the Pharm. Lond., with notes, by a London physician. Lond., 1815. 16 + 118 p.

Eng. Pharmacopœias of the Lond., Edin., and Dubl. colleges, transl., with appendix, by J. Thomson. Edin., 1815. 6 + 288 p.

Eng. Pharmacopœia of the R. C. of P. of L., translated by G. L. Tuthill. London, 1824. 12 + 206 p.

Eng. Translation of the Pharmacopœia of the R. C. of P. of L. with notes, by R. Phillips. London, 1824. 12 + 326 p.

Same. Second edition. London, 1831. 12 + 314 p.

Same. Third edition. London, 1838. 24 + 444 p.

Same. Fourth edition. London, 1841. 24 + 456 p. 2 copies.

Same. [Last edition, revised by J. D. Smith.] London, 1851. 16 + 568 p. 2 copies.

Eng. Lexicon pharmaceuticum, a pharmaceutical dictionary comprehending the pharmacopœias of London, [text and translation,] Edinburgh, and Dublin, with other information relative to medicine and pharmacy; by T. Castle. Second ed. [of Lexicon pharmacopœium]. Lond., 1828. 20 + 356 p.

Eng. London manual of medical chemistry: comprising an interlinear translation of the [London] pharmacopœia, with notes, etc., by W. Maughan. London, 1831. 2 + 100 + 492 p.

Eng. New London dispensatory; translation of Pharm. Lond., with history of *materia medica*, etc. Second edition; [with] Transl. of Magendie's Formulary, from the eighth [French] ed.; by T. Cox and C. W. Gregory. London, 1835. 12 + 580 p.

Eng. Translation of Pharm. Coll. Reg. Med. Lond.; [with] doses and vocabulary, by A. F. Haselden. Lond., 1837. 6 + 14 + 80 p.

Eng. Pharm. Lond., translated, with commentary, chemical, pharmaceutical, & med., by D. Spillan. London, 1837. 12 + 308 p.

Eng. Translation of London pharm., including also Dublin and Edinburgh pharmacopœias, with the chemical and medicinal properties of their contents; forming a complete *materia medica*; by J. B. Nevins. London, 1851. 16 + 780 p.

ROYAL COLLEGE OF PHYSICIANS OF LONDON—*continued.*

Eng. New London pharmacopœia, translated and arranged in a tabular form with Edinburgh and Dublin pharmacopœias ; with remarks, by P. Squire. Lond., 1851. 8 + 24 + 176 + 26 p.

Pharmacopœia reformata : an essay for a reformation of the London pharmacopœia, by a set of remarks on the draught for a new one, and on the brief account of the proceedings of the committee appointed by the College to thoroughly reform their book ; with observations on dispensaries and pharmacy ; [by M. S.]. London, 1744. 6 + 26 + 308 p.

Note.—The Pharmacopœia is in Latin, the remarks are in English.

See also the following works relating to the Pharmacopœia :—

BRANDE (W. T.), Dictionary of mat. med., including translation, 1839.

BROOKES (R.), General dispensatory, cont. transl., 1753 ; 2nd ed., 1765.

BROWNE (H. M.), Apothecary's vade mecum, companion to pharm., 1812.

CHRISTISON (R.), Dispensatory, or Commentary, 1842 ; 2nd ed., 1848.

CLARKE (E. G.), Pharmacopœiarum ... conspectus medicus, 1810.

COLBORNE (R.) Complete English dispensatory, with prescriptions, also History of the institution of the College, 1756.

COLLIER (G. F.), Letter to the president and censors, 1837.

— Companion to the London pharmacopœia, 1839.

DUNCAN jun. (A.), Edinburgh new dispensatory, 1803 ; 2nd ed., 1804 ; 3rd ed., 1806 ; 4th ed., 1808 ; 6th ed., 1811.

Edinburgh new dispensatory, [2nd ed., 1788?] ; 5th ed., 1797.

GRAVES (R.), Pocket conspectus, 2nd ed., 1799 ; 4th ed., 1810.

GRAY (S. F.), Supplement to the pharmacopœia, 1818 ; 1821 ; 1836.

— Elements of pharmacy, and chem. hist. of mat. med. of Coll., 1823.

LEACH (S. F.), Grammatical introduction to Lond. pharm., 3 ed., 1839.

LEWIS (W.), New dispensatory ... containing translation of London pharmacopœia, 1753 ; 2nd ed., 1765 ; 3rd ed., 1770 ; 5th ed., 1785.

MEADE (W.), Compendium of pharmacy, decompositions of P. L., 1834.

MOWBRAY (G. M.), Conspectus of pharmacopœias, 1846-7.

MURRAY (Dr. J.), System of materia medica, incl. transl., 2nd ed., 1813.

NELIGAN (J. M.), Medicines, incl. conspectus of pharm., 3rd ed., 1851.

PHILLIPS (R.), Experimental examination of Pharmacopœia Londinensis, with remarks on Powell's translation, etc., 1811.

— Remarks on the editio altera and Powell's translation, etc., 1816.

QUINCY (J.), Pharmacopœia officinalis, 14th ed., 1769, *Note.*

SHIPTON (J.), Pharmacopœiae remedia descripta, ed. alt., 1689 ; ed. 3, 1699.

Synopsis of the chemical decompositions ... Lond. pharmacopœia, 1822.

THOMSON (A. T.), Conspectus of pharmacopœias, 1810 ; 11th ed., 1838.

— London dispensatory, 1814 ; n. ed., 1824 ; 10 ed., 1844 ; 11 ed., 1852.

See, further, various English works on Chemistry, Materia medica, and Pharmacy, based upon the London pharmacopœia.

Statutes of the Colledge of Physicians, London : [also, The base, dishonourable, and illegal dealing of the Colledge with a doctor in physick, I. B^{gr.} London?] 1693. 4 + 12 + 202 p.

Charter, bye-laws and regulations of R. C. of P. of L. ; and the acts of parliament relating thereto. London, 1862. 4 + 92 p.

ROYAL COLLEGE OF PHYSICIANS OF LONDON—*continued.*

Nomenclature of diseases, drawn up by a joint committee appointed by R. C. of P. of L. London, 1869. 24 + 328 p.

List of fellows, members, extra-licentiatess, and licentiatess of the R. C. of P. of L. [London,] 1877–80. 4 pam.

Roll of the R. C. of P. of L.; comprising biographical sketches of all the eminent physicians whose names are recorded in the annals from 1518 to 1825, by W. Munk; [account of the College, the pharmacopœias, etc.]. Second ed. Lond., 1878. 3 vol.

See also CRISP (E.), Examination of a rejected candidate, 1849;— Examination of the president and examiners, 1849.

See also GREAT BRITAIN AND IRELAND, COLONIAL OFFICE, Report on leprosy by the Royal College of Physicians, 1867.

See also GREAT BRITAIN AND IRELAND, HOUSE OF COMMONS, Report on medical education, 1834.

ROYAL COLLEGE OF SURGEONS IN IRELAND, *Dublin*. Charters, bye-laws, ordinances, [list of fellows, etc.]. Dublin, 1851. 112 p.

ROYAL COLLEGE OF SURGEONS OF EDINBURGH. Historical sketch of the College, with notes and documents; by J. Gairdner. Edinburgh, 1860. 36 p. + 1 pl.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, *London*.

Catalogue of the library; [with synopsis of the arrangement in the classed catalogue]. London, 1831–40. 2 vol.

Classed catalogue of the library. Lond., 1843. 6 + 62 + 1172 p.

Descriptive and illustrated catalogue of calculi and other animal concretions in the museum. Lond., 1842–5. 2 vol., 17 col. pl.

Descriptive and illustrated catalogue of the histological series contained in the museum. London, 1850–5. 2 vol., 36 pl.

Calendar of the R. C. of S. of Eng. London, 1866–79. 14 vol.

See also GREAT BRITAIN AND IRELAND, HOUSE OF COMMONS, Report on medical education, 1834.

ROYAL COLLEGE OF VETERINARY SURGEONS, *London*.

Register of members, Jan. 1794 to May 1875. Lond., 1875. 100 p.

Register, charters and bye-laws, &c. London, 1877–8. 2 vol.

ROYAL DISPENSATORY FOR DISEASES OF THE EAR, *London*. Advice to the deaf: the present state of aural surgery; substance of a lecture by J. H. Curtis. Second edition. London, 1841. 68 p.

ROYAL HOSPITAL or INFIRMARY, *Edinburgh*.

Pharmacopœia Edinburgensis pauperum: or, Dispensatory for the use of the R. H. in E.; translated [from the Latin, by P. Shaw?] 4 + 112 p. (In ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, Pharmacopœia, translated by P. Shaw, 5th ed., 1753.)

Pharmacopœia pauperum, in usum Nosocomii Regii Edinburgensis. Editio quarta. Edinburgi, 1770. 4 + 80 p.

ROYAL HOSPITAL or INFIRMARY, *Edinburgh*—continued.

Pharmacopœia in usum Nosoc. Reg. Edin. Edin., 1817. 8 + 88 p.
See also BROOKES (R.), General dispensatory, 1753; 2 ed., 1765.
See also ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, Pharmacopœia, translated, with prescriptions in use at the R. H., by W. Lewis, 1748.

ROYAL HUMANE SOCIETY, *London*. *See Dispenser's chart*, [187—].

ROYAL INFIRMARY, *Edinburgh*. *See ROYAL HOSPITAL or INFIRMARY*.

ROYAL INSTITUTION OF GREAT BRITAIN, *London*.

[Quarterly] journal of science, [literature,] and the arts. London, 1816–30. 29 vol., pl.

Journal of the R. I. London, 183[0–]1. 2 vol., pl.

Notices of the proceedings, with abstracts of discourses at evening meetings. London, 185[1]–79. Vol. 1–8; v. 9, pts. 1–2; pl.

Note.—Vol. 4 contains a general index to v. 1–4.

Lectures on education. London, 1855. 10 + 316 p.

WHEWELL (W.), On intellectual education.—FARADAY (M.), On mental education.—LATHAM (R. G.), On the study of language.—DAUBENY (C. G. B.), On the study of chemistry.—TYNDALL (J.), On the study of physics.—PAGET (J.), On the study of physiology.—HODGSON (W. B.), On the study of economic science.

New classified catalogue of the library; by B. Vincent. London, 1857. 20 + 928 p.

Additions to the library, 1857[–79]. London, 1858–79]. Nos. 1–22.

The Royal Institution: its founders and its first professors; by [H.] B. Jones, honorary secretary. London, 1871. 10 + 432 p.

List of members, officers, and professors; with report of the visitors, statement of accounts, and lists of lectures and donations. London, 1875, 1877, 1879. 3 pam.

ROYAL MEDICAL AND CHIRURGICAL SOCIETY OF LONDON.

Medico-chirurgical transactions. London, 1843–58, 1860–79.

Vol. 26–41, 43–62 (*or ser. 2, v. 8–23, 25–44*); pl., tab.

Same. General index to first 33 v.; [*by J. Hennen*]. Lond., 1851.

Same. Gen. index to first 53 v.; [*by B. R. Wheatley*]. Lond. 1871.

Proceedings, 1858[–79]. London, 1861–79. Vol. 3–7; v. 8, pts 1–8; tab.

Catalogue of library, [*by B. R. Wheatley*]. Lond., 1879. 3 v. *

ROYAL MICROSCOPICAL SOCIETY OF LONDON. Transactions; new series. London, 1853–68. Vol 1–16, pl. (*In Quarterly journal of microscopical science, ser. 1, vol. 1–8; s. 2, v. 1–8*)

ROYAL NAVAL HOSPITAL, *Haslar*. Pharmacopœia of Haslar Hospital, [with regulations]. Ms. *

Note.—This vol. consists of 152 p., of which 106 are written upon.

The date “20 Dec. 1777,” and the signature “Jam^s Lind” appear on p. 104; on p. 105 is a postscript dated “8 Aug. 1778.”

ROYAL SOCIETY OF LONDON.

Philosophical transactions, 1751[-1879]. London, 1753-1879.

Vol. 47-169; v. 170, pt. 1; pl., tab.

Same. General index, vol. [1-70]; by P. H. Maty. Lond., 1787.

Same. Continuation to the index, vol. 71-110. London, 1821.

Same. Continuation to the index, vol. 111-20. London, 1833.

Same. Index to the anatomical, medical, chirurgical, and physiological papers, from [1665] to 1817; [by J. Briggs]. Lond., 1818.

Note.—See also HILL (J.), Review of works of R. S., 2nd ed., 1780.

List [of officers, fellows, etc. London,] 1771, 1781. 2 pam.

Speech by J. Banks, president. [London, 1780.] 8 p.

History of the Royal Society, from its institution to [1800]; by T. Thomson. London, 1812. 8 + 552 + 92 p.

Proceedings, 1854 [-79]: being a continuation of the Abstracts of papers communicated. Lond., 1856-79: Vol. 7-29, pl., tab.

Catalogue of scientific papers; 1800-63. Lond., 1867-72. 6 vol.*

Same; 1864-73. London, 1877-9. Vol. 7-8.*

Note.—See also HAIDINGER (W. R. v.), Ein Verzeichniss sämmtlicher naturwissenschaftlichen Abhandlungen, Beurtheilung, 1868.

ROYAL SOCIETY OF NEW SOUTH WALES, Sydney. Journal and proceedings, 1878; edited by [A.] Liversidge and [A.] Leibius. Sydney, 1879. Vol. 12, pl., tab.

ROYAL SOCIETY OF VICTORIA, Melbourne. See VICTORIA, GOVERNMENT, Prize essays, 1861.

ROYAL VETERINARY COLLEGE, London. See MORTON (W. J. T.), Manual of pharmacy, substances employed at R. V. C., 2nd ed., 1839; 3rd ed., 1843; 6th ed., 1860; 7th ed., 1868.

ROYLE (John Forbes).

Report on the progress of the culture of the China tea plant in the Himalayas, 1835-47. [London, 1849.] 28 p., n. t.-p.

Arts and manufactures of India. (In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of the Great Exhibition, 1st ser., 1852, p. 441-538.)

[Manual of *materia medica* and therapeutics. Second edition, by J. F. R., aided by F. W. Headland. London, 1852.] 6 + 802 p., t.-p. w.

Same. Third ed., by F. W. Headland. Lond., 1856. 8 + 810 p.

Same. Fifth edition, by F. W. Headland. London, 1868. 8 + 824 p. 2 copies.

Same. Sixth edition, by J. Harley. London, 1876. 8 + 840 p.

ROYSTON (William).

See London medical repository, 1814-15.

See Medical and physical journal, 1810-13.

Rural economy. See Agriculture.

RUSSEL (Richard).

Dissertation on the use of sea-water in diseases of the glands ; translated from the Latin, by an eminent physician. London, 1752. 12 + 204 p. + 2 pl.

Same [Another—fourth?—edition, with Account of mineral waters of Great Britain ; Treatise on the waters of Pyrmont, Spa, Seltzers, etc. London, 1760—2?].

Note.—This copy contains only the preface, consisting of 2 p., the Account, being p. 177—328 (or end of the main work), and the Treatise, which is styled “a proper supplement to Dr. Russel’s Dissertation,” and which has a separate title-page and pagination, 32 p. The vol. is interleaved, and has many ms. notes, including an Essay on the virtues of chalybeate waters, 47 p., and an appendix, Of an atrophy, 38 p.

RUSSELL (C.). Tannin process [in photography]. Lond., [1861]. 80p.

RUSSELL (C. P.). *See* BATH & WEST OF ENGL. SOC. ... OF AGRIC., Catalogue, 1864;—BATH ROY. LITERARY & SCIENTIFIC INST., Catal., 1879.

RUSSIA.

Rossieskaia pharmakopeia. Vtoroe izdanie. Sanktpeterburg, 1871. 14 + 552 p.

Same. Tretie izdanie. Sanktpeterburg, 1880. 20 + 668 p.

See also HAGER (H.), Pharmacopœæ recentiores, 1869.

Rust, smut, mildew, and mould. *See* COOKE (M. C.), 1865.

RUTLEY (Frank). Study of rocks ; elementary text-book of petrology. London, 1879. 12 + 320 + 4 p. (Text-books of science.)

RUTTY (John). Methodical synopsis of mineral waters. London, 1757. 16 + 668 p. + 48 p. of tables.

RYAN (Michael). *See* EDWARDS (H. M.) & P. Vavasseur, Universal pharmacopœia of hospitals, transl., 3rd ed., 1839.

S. (M.). *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia reformata, essay for reformation of Pharmacopœia, 1744.

Sabadilla. WEIGELIN (F.), Untersuchungen über die Alkaloïde der Sabadillsamen, 1871.

SABINE (Robert). Telegraphy. (*In* BEVAN, G. P., British manufacturing industries, 2 ed., 1877, Ship-building, etc., p. 65—121.)

SACHS (Julius). Text-book of botany, morphological and physiological ; translated and annotated by A. W. Bennett, assisted by W. T. T. Dyer. Oxford, 1875. 12 + 860 p.

Saddlery. AITKEN (W. C.), Guns, ... Saddlery, etc., 2nd ed., 1878.

SADLER (S. C.). Analysis of the Purton sulphated and bromo-iodated saline water, with remarks. Purton, 1860. 16 p.

Sagapenum. HIRSCHSOHN (E.), Vergleichende Untersuchungen der Sorten des Galbanum- und Ammoniakgummis, [nebst Anhang über Sagapen, 1875] ;—Fr., Étude comparative, etc., 1876.

SAGAR (Johann Bapt. Michael). *See CULLEN (W.)*, Nosology, 1800.

SAINBEL (Charles VIAL DE). *See VIAL DE SAINBEL (C.)*.

SAINSBURY (Samuel). Human interests, reflections, etc. London, 1877. 12 + 164 p. 2 copies.

SAINT BARTHOLOMEW'S HOSPITAL, London.

Pharmacopœ[i]a Nosocomii Sancti Bartholomæi. Londini, 1730.

1 + 23 ff., ms. *

Note.—A beautiful specimen of calligraphy.

Same. 1773; [with appendix, containing articles on varnishes, injections, embalming, etc.]. Ms. *

Note.—This vol. consists of 148 p., of which 95 are written upon.

The year 1774 is mentioned on p. 69.

Same. Londini, 1799. 84 p. 2 copies, interleaved, ms. notes.

Same. Londini, 1838. 36 p.

Statistical tables of patients. London, 1862–4, 1866–79. 17 vol.

Reports; edited by W. S. Church and A. Willett; [with Statistical tables of patients]. London, 1877–9. Vol. 13–15.

St. Gall. *See SCHWEIZERISCHER APOTHEKER-VEREIN*.

St. George, Bloomsbury. DOBIE (R.), History, 2nd ed., 1834.

SAINT GEORGE'S HOSPITAL, London.

Pharmacopœia Nosocomii S. Georgii. Londini, 1768. 2 + 48 p.

Same. Londini, 1841. 36 p.

St. Giles-in-the-Fields. DOBIE (R.), History, 2nd ed., 1834.

SAINT-HILAIRE (Auguste DE or Augustin Franç. César PROUVENSAL).

Plantes usuelles des Brasiliens. Paris, 1824. [298] p. + 70 pl. *

SAINT-HILAIRE (Jean Henri JAUME). *See JAUME ST.-HILAIRE*.

St. Petersburg.

See ACADEMIE IMPÉRIALE DES SCIENCES DE ST.-PÉTERSBOURG.

See INTERNATIONAL PHARMACEUTICAL CONGRESS, 1874.

See PHARMACEUTISCHE GESELLSCHAFT IN ST. PETERSBURG.

SAINT THOMAS'S HOSPITAL, London.

Descriptive catalogue of preparations in the museum; [edited, in part, by J. F. South and S. Jones]. London, 1847–59. 3 vol.

1. Minute and descriptive anatomy; wax models and casts; comparative anatomy.—2–3. Pathological anatomy.

Statistical report of patients, 1857–60; [edited by W. H. Stone]. London, [186–]. 74 p.

Same. 1861–5; [edited by W. H. Stone]. Lond., 1869. 156 p.

Pharmacopœia Nosocomii Reg. S. Thomæ. Londini, 1867. 32 p.

Calendar, 1868[–9]. London, [1868]. 40 p.

Reports; new series. London, 1870–1, 1874–9. Vol. 1–2, 5–9; pl., por.

Medical School prospectus. London, 1878–9. (*In Reports, new series, vol. 8–9.*)

- Salads.** EVELYN (J.), *Silva, ... Acetaria, sallets,* [2nd ed.,] 1706.
- Salep, Radix.** DRAGENDORFF (G.), *Chemische Untersuchung der Radix Corniolæ und Radix Salep,* [1866].
- Salerno.** *See JOANNES de Mediolano;* *Schola Salernitana,* 1649.
- Salford.** *See MANCHESTER AND SALF. PROVIDENT DISPENSARIES ASSOC.*
- Salicine.** *See Salicylic acid.*
- Salicylate of iron.** WHITE (J. W.), *Salicylate of iron,* [1879].
- Salicylic acid.** HOGG (W. D.), *De l'usage thérapeutique de l'acide salicylique, ses composés, et accessoirement de la salicine,* 1877.
- SALISBURY** (Robert CECIL, 1st Earl of). *See ORRIDGE (B. B.).*
- Salix.** *See Willow.*
- SALLÉ** (Laurent). *Cours élémentaire d'histoire naturelle des médicaments.* Paris, 1817. 24 + 384 p.
- SALMON** (J. D.). *Flora of Surrey; or, Catalogue of flowering plants and ferns found in the county; from the mss. of J. D. S. and from other sources; compiled for the Holmesdale Natural History Club, by J. A. Brewer.* London, 1863. 24 + 368 p. + 2 col. maps.
- SALMON** (WILLIAM).
- Medicina practica, or, Practical physick; containing the way of curing diseases; the preparation of the præcipiolum of Paracelsus; the key of Helmont and Lully; the opening of Sol and Luna.* London, 1692. Book 1, containing 2 + 176 p.
- Note.—Bound with book 1, is a portion of book 3, without title-page, containing R. Bachonis Radix mundi, translated out of Latin, p. 585-620; R. B. Speculum alchimiæ, p. 621-42; G. Ripley Medulla alchymiaæ, transl. [from Lat.], p. 643-96.*
- Seplasium; the Compleat English physician, or Druggist's shop opened.** London, 1693. 22 + 1256 p.
- Botanologia: the English herbal; or, History of plants.** London, 1710. 6 + 24 + 1340 p. + engr. t.-p.
- See also BATE (G.), Pharmacopœia Bateana, translated, etc., 1694; 2nd ed., 1700; 3rd ed., 1706; 4th ed., 1713.*
- See also ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia Londinensis, translated, etc., 5th ed., 1696; 6th ed., 1702; 8th ed., 1716;—Part 2, or Doron medicum, 3rd ed., 1717.*
- Salmonia.** *See DAVY (H.), Collected works, 1839-40, vol. 9, Salmonia, or Days of fly-fishing.*
- Salt.** (*See also Salts.*)
- BROWNTRIGG (W.), *The art of making common salt,* 1748.
- MANLEY (J. J.), *Salt, Preservation of food, etc.,* 2nd ed., 1878.
- POHL (O.), *Three years' experimenting in evaporating brine,* 1875.
- Salt, Microcosmic.** *See DALTON (J.), On phosphates, etc., 1840-2.*
- SALTER** (John William). *See SOWERBY (Ja.), English botany, 3rd ed., 1863-72.*

Salts. (*See also Alkaline salts;—Salt; etc.*)

GESNER (C.), [Newe jewell of health, wherein is contayned ... the extraction of artificial saltes, 1576].

KNAPP (F. C.), Chemical technology, 2nd ed., 1863–7, (*see*).

PERETTI (P.), Dell'azione chimica dell'acqua sopra i sali, 1861.

SALVIN (Osbert). *See GODMAN (F. D.) & O. S., Biologia Centrali-Americanana*, 1879.

SAMUELSON (James). *See Journal of science*, 1864.

San Francisco. *See CALIFORNIA COLLEGE OF PHARMACY.*

San-Miguel. *See PONTA DELGADA, JUNTA GERAL, Les eaux*, 1873.

SANCTORIUS (Sanctorius). Medicina statica : being the aphorisms of S. translated, with explanations ; Keil[1]’s Medicina statica Britannica, [translated,] with remarks ; also, Medico-physical essays, [by J. Quincy]. Fourth edition, by J. Quincy. London, 1728. 8 + 480 p. + 2 pl.

Note.—The Essays have a separate title-page and preface.

Sandefjord. *See EBBESSEN & HØRBYE, Sulphureous bath*, 1862.

SANDFORD (Sir Daniel K.). On the rise and progress of literature. 64 p. (*In Popular encyclopedia*, new ed., 1862, vol. 3.) *

SANITARY INSTITUTE OF GREAT BRITAIN, London. Report of committee, and list of members, 1876. [London, 1877?] 24 p.

Sanitary science. *See Health and Hygiene;—Sewage.*

Santonin. SMITH (Walter G.), On santonin, and its detection in the urine, 1870.

Saponin.

CHRISTOPHSOHN (J.), Vergleichende Untersuchungen über das S. der Wurzel von Gypsophila Struthium, der Wurzel von Saponaria officinalis, der Quillajarinde und der reifen Samen von Agrostemma Githago, 1874.

FLÜCKIGER (F. A.), Notizen über das S. der Sarsaparilla, [1877].

SARDINIA. Tarif de pharmacie pour les états sardes. Turin, 1853. 232 p.

Sarracenia purpurea. BJÖRKLUND (G. A.) & G. DRAGENDORFF, Chemische Untersuchung des Wurzelstocks und Krautes der Saracenia [*sic*] purpurea, 1863.

Sarsaparilla. (*See also Saponin.*)

MARQUIS (E.), Welcher Smilaxsorte gebührt der Vorzug bei Anfertigung der in d. Medicin gebräuchlichen Präparate? [1875].

OTTEN (F.), Vergleichend histiologische Untersuchung der Sarsaparilla aus der pharmacognostischen Sammlung des pharmaceutischen Institutes zu Dorpat nebst einem Beitrag zur chemischen Kenntniss dieser Drogue, 1876.

VANDERCOLME (E.), Histoire botanique et thérapeutique des salsepareilles, 1870.

SARTORIOS (Joseph). *See GREECE, Pharmacop. Graeca, 1837; 1868.*

SAUER (Carl Marquard).

Italian conversation-grammar; [Nuova grammatica italiana].

Third edition. Heidelberg, 1874. 12 + 428 p.

Spanish conversation-grammar; [Nueva gramática castellana].

Second edition. Heidelberg, 1875. 12 + 390 p.

SAUL (Edward). Historical and philosophical account of the barometer, or weather glass; the theory of the atmosphere, and the causes of its different gravitation; and attempt towards a rational account and probable judgment of the weather. Second edition. London, 1735. 108 p.

SAUNDERS (William). Institutes of therapeutics and materia medica.

London, 1810 [or 1790?]. 40 p.

SAUNDERS (William Wilson), W. G. SMITH, & A. W. BENNETT.

Mycological illustrations: being figures and descriptions of new and rare hymenomycetous fungi. London, 1871-2. Parts 1-2, 48 col. pl.; *all published.**

SAUVAGES (François BOISSIER DE). *See BOISSIER.*

SAVARY. *See Annales de chimie et de physique, 2-3me sér.*

Scale-mosses. *See Hepaticæ.*

Scales, Insects'.

HOGG (J.), On gnats' scales, [1871].

— Sur les erreurs d'interprétation ayant rapport spécialement à l'examen des écailles d'insectes, [1876?].

SCHABUS (Jakob). Bestimmung der Krystallgestalten in chemischen Laboratorien erzeugter Producte; eine von der kais. Akademie der Wissenschaften in Wien gekrönte Preisschrift, [mit Commissionsbericht]. Wien, 1855. 16 + 208 p. + 30 pl.

SCHACHT (Hermann). The microscope, in its application to vegetable anatomy and physiology; translated [from the German] by F. Currey. Lond., 1853. 12 + 132 p. + 1 pl. (Highley's Library.)

SCHÄFER (Edward Albert). *See QUAIN (J.), Elements of anatomy, 8th ed., 1878.*

SCHEELE (Carl Wilhelm).

Chemical observations and experiments on air and fire; with introduction by T. [O.] Bergman; translated from the German by J. R. Forster; [also,] notes by R. Kirwan, with letter from J. Priestley. London, 1780. 40 + 260 p. + 1 pl. 2 copies.

Chemical essays; translated from the [Swedish?], with additions; [revised by T. Beddoes]. London, 1786. 14 + 2 + 406 p.

Scheele, chimiste suédois; étude biographique, par P. A. Cap. Paris, 1863. 40 p.

SCHEIBE (Edmund). Darstellung und Beschreibung der Borcitroneinsäure und ihrer Salze. [St. Petersburg, 1879.] 30 p., n. t.-p.

SCHELLEN (H.). Spectrum analysis in its application to terrestrial substances, and the physical constitution of heavenly bodies; transl. from the second German edition, by J. and C. Lassell; edited, with notes, by W. Huggins. London, 1872. 26 + 662 p. + 13 col. pl.

SCHENCK (Ernest). See GOEBEL (C. C. T. F.) & G. KUNZE, Pharmaceutische Waarenkunde, 1827-34.

SCHERER (Joseph ?). See Jahresbericht über die Fortschritte der Pharmacognosie, 1854-8.

SCHEURER-KESTNER (Auguste). See SOCIÉTÉ CHIMIQUE DE PARIS, Bulletin, 1864-5.

Schizomycetes. BÖHLENDORFF (H. v.) Ein Beitrag zur Biol., 1880.

SCHLEIDEN (Matthias Jacob).

The plant; a biography, in a series of lectures; transl. [from the German] by A. Henfrey. Lond., 1848. 8 + 366 p. + 5 col. pl. Principles of scientific botany; or, Botany as an inductive science, translated [from the German] by E. Lankester. London, 1849. 8 + 616 p. + 6 pl.

Handbuch der medicinisch-pharmaceutischen Botanik und botanischen Pharmacognosie. Leipzig, 1852. Theil 1.

SCHLICKUM (O.). Die wissenschaftliche Ausbildung des Apothekerlehrlings und seine Vorbereitung zum Gehülfenexamen. Leipzig, 1878 [p. 1877]. 14 + 592 p.

Contents.—Physik, Chemie, Botanik, Pharmacognosie, Pharmazie.

SCHMEISSER (Johann Gottfried). System of mineralogy, chiefly on the plan of Cronstedt. London, 1795. 2 vol., 4 pl.

SCHMEMANN (Bernhard). Beiträge zu dem gerichtlich-chemischen Nachweis des Kodein's, Thebain's, Papaverin's u. Narcein's in thierischen Flüssigkeiten und Geweben; Dissertation. Dorpat, 1870. 78 p. (Kaiserliche Universität Dorpat.)

SCHMIDT (Ernst). Ausführliches Lehrbuch der pharmaceutischen Chemie. Braunschweig, 1879[-80]. Bd. 1, 1 col. pl.

SCHNEIDER (F. C.). See AUSTRIA, Commentar zur Pharm., 1878-9.

SCHÖDLER (Friedrich). Book of nature: elementary introduction to the sciences of physics, astronomy, chemistry, mineralogy, geology, botany, physiology, and zoology; edited from the fifth German edition, by H. Medlock. London, 1851. 12 + 578 p.

Schola Salernitana. See JOANNES de Mediolano, 1649.

Schools. See reference under place of head-quarters.

SCHORLEMMER (Carl).

Manual of the chemistry of the carbon compounds; or, Organic chemistry. London, 1874. 12 + 512 p.

Rise and development of organic chemistry. Manchester, 1879. 124 p.

See also ROSCOE (H. E.) & C. S., Treatise on chemistry, 1877-9.

SCHOTT (Charles A.). *See* SMITHSONIAN INSTITUTION, Results of meteorological observations, reduced and discussed by C. A. S., 1868.

SCHRÖDER (Johann).

Pharmacopœia medico-chymica, sive Thesaurus pharmacologicus.

Edictio ultima. Lugduni Batavorum, 1672. 62 + 944 + 92 p.

Eug. Compleat chymical dispensatory; Englished by W. Rowland.

London, 1669. 6 + 558 p.; wanting p. 5-6 of prefatory portion.

SCHVENCKFELT (Caspar). *See* SCHWENCKFELD (C.).

SCHWÄGRICHEN (Friedrich). Species muscorum frondosum; pars 1.

(*In LINNÉ, C. v., Species plantarum, tom. 5, pt. 2, sect. 1, 1830.*)

SCHWANERT (Hugo). Lehrbuch der pharmaceutischen Chemie.

Braunschweig, 1880 [p. 1879]. Bd. 1, 1 col. pl.

SCHWANERT (K.). *See* GMELIN (L.), Handbuch der Chem., 1846-65.

SCHWARTZ (N.). *See* DRAGENDORFF (G.), Berichte über die Versuche über Einwirkung verschiedener Antiseptica, etc., 1879.

SCHWARTZ (Victor). Über forensisch chemische Nachweisung von Blut in wässrigen Flüssigkeiten. (*In LEVESIE, O., Beiträge zur Chemie des Kaffees, etc., 1876, p. 9-30.*)

Schweizerische Wochenschrift für Pharmacie. *See* SCHWEIZERISCHER APOTHEKER-VEREIN.

SCHWEIZERISCHER APOTHEKER-VEREIN, St. Gall.

Pharmacopœa Helvetica. Scaphusiæ, 1865. 6 + 344 p.

Same. Editio altera. Scaphusiæ, 1872. 8 + 198 p.

Pharmacopœa Helvetica supplementum. Scaph., 1876. 4 + 166 p.

Note.—See also HÄGER (H.), Pharmacopœa recentiores, 1869.

Schweizerische Wochenschrift für Pharmacie, herausgegeben von C. W. Stein. Schaffhausen, 1878. Jahrg. 16, No. 25.

Contains: "Über die Gewinnung des Perubalsams," by T. Wyss, and "Bemerkungen," by F. A. Flückiger, with map.

[SCHWENCKFELD] (Caspar) or SCHVENCKFELT. *Thesaurus pharmaceuticus, medicamentorum omniū ferè facultates & præparationes continens; adjectus est G. Rondeletii tractatus de succedaneis.* Basileæ, 1587. 16 + 676 p.

SCHWILGUÉ (Charles Joseph Antoine). *Traité de matière médicale.* Troisième éd., augmentée par P. H. Nysten. Paris, 1818. 2 t.

Science-gossip. *See* HARDWICKE'S science-gossip, 1865-79.

Science lectures for the people, delivered in Manchester, 1866[-79]. Manchester, [1867-79?]. Ser. 1-10, in 5 vol.

Sciences, in general. (*See also* Natural science;—Social science.)

*Encyclopædia Britannica, 9th ed., 1875-9. **

*Popular encyclopedia, or Conversations lex., new ed., [1862?]. **

Scitamineæ. HORANINOW (P.), *Prodromus monographiæ, 1862. **

SCLATER (Philip Lutley). *See* Natural history review, 1861-2.

Sclerenchyma. *See* Stem.

SCOFFERN (John). *See FARADAY (M.)*, Subject matter of six lectures on the non-metallic elements, with additions, 1853.

SCORESBY-JACKSON (Robert Edmund). *See JACKSON (R. E. S.-)*.

SCOTT (Robert). *See LIDDELL (H. G.) & R. S.*, Greek-Eng. lex., 1869.

SCOTT (Thomas). *See Bible*, with notes, etc., new ed., 1844.

SCOTT (Sir Walter). *See BREWSTER (D.)*, Letters on magic, 1832.

SCOTT (Wentworth Lascelles). On the supply of animal food to Britain, and means for increasing it. Lond., [1868]. 2 + 18 p. + 2 pl.

SCOTTISH ARBORICULTURAL SOCIETY. Address at twentieth annual meeting, by H. Cleghorn, president. Edinburgh, 1874. 10 p.

Screws, Wood. AITKEN (W. C.), Guns, ... W. s., etc., 2nd ed., 1878.

SCRIBLERUS (Martinus), [*pseud.*]. *See POPE (A.)*, The Dunciad.

Scrofula.

ADDISON (W.), Dissertation on Malvern water, the causes and treatment of scrofulous diseases, etc., 2nd ed., 1831.

BENNETT (J. H.), Treatise on oleum jecoris aselli, 1841.

FURNIVALL (J. J.), On the successful treatment of scrofula, 1844.

SKEETE (T.), Experiments and obs. on Peruvian bark, etc., 1786.

SCUDAMORE (Sir Charles).

Cases illustrative of the efficacy of various medicines administered by inhalation, in pulmonary consumption; in certain morbid states of the trachea and bronchial tubes, attended with distressing cough, and in asthma. London, 1830. 4 + 116 p.

Letter to Dr. Chambers on gout. London, 1839. 4 + 60 p.

Scurvy.

MACBRIDE (D.), Experimental essays ... on the scurvy, 1764.

TROTTER (T.), Observations on the scurvy, 2nd ed., 1792.

Sea. (*See also Bathing and Baths*;—**Seamen**;—**Seaweed**.)

KENTISH (R.), Essay on ... the internal use of sea-water, 1787.

MURRAY (J.), Experimental researches on the glow-worm, the luminosity of the sea, &c., 1826.

RUSSEL (R.), Dissertation on the use of sea-water in diseases of the glands, 1752, etc.

Seamen, Health of. HUXHAM (J.), Essay on fevers, etc., 4th ed., 1764.

SEARLE (Charles).

The why and the wherefore; or, Philosophy of life, health, and disease. London, 1846. 30 + 266 p.

Cholera, dysentery, and fever. London, 1847. [120] p.

Seasons. GRIFFITHS (T.), Chemistry of the four seasons, 1853.

Seaweed. STANFORD (E. C. C.), On the economic applications, 1862.

Seeds. GÄRTNER (J.), De fructibus et seminibus, 1788–1807.*

Seeds, Oil. GREAT BRITAIN & IRELAND, INDIA OFFICE, Report by M. C. Cooke, on oil seeds in India Museum, or produced in India, 1876.

SEEHUSEN (Victor L.) *See Pharmaceutisk Tidende*, 1876–9.

SEEMANN (Berthold).

Die Volksnamen der amerikanischen Pflanzen; popular nomenclature of the American flora. Hannover, 1851. 10 + 54 p.

Flora Vitiensis: a description of the plants of the Viti or Fiji islands, with an account of their history, uses, and properties; [also, Biographical sketch of B. S.]. London, 1865–73. 34 + 454 p. + por. + 100 col. pl.*

See also Journal of botany, British and foreign, 1863–71.

SEGALAS D'ETCHEPARE (Pierre Salomon?). *See Journal de chimie medicale, etc., 1825–9.*

SÉGUIN (Armand?). *See Annales de chimie.*

SÉGUIN aîné (Marc?). Mémoire sur un nouveau système de moteur fonctionnant toujours avec la même vapeur, à laquelle on restitue, à chaque coup de piston, la chaleur qu'elle a perdue en produisant l'effet mécanique. [Paris, 1857.] 18 p., n. t.-p.

SELBY (Prideaux John). *See Annals and mag. of nat. hist., s. 2–3.*

Seltzers. **RUSSEL** (R.), Dissertation on sea-water, [4th ed., with Treatise on the waters of Pyrmont, Spa, Seltzers, etc., 1760–2?].

Seltzer-water, Artificial. *See LE GUILLOU (Dr.), On dyspepsia, 1869.*

SELWYN (A. R. C.). *See VICTORIA, VICTORIAN EXHIBITION, 1861, Catalogue, with pref. essays;—Die Colonie Vict.;—Essais divers.*

SEMIRAMIS. *See D. (H. V.), Tomb of S. hermetically sealed, 1674.*

SEMPLE (Robert Hunter). *See SOCIETY OF APOTHECARIES OF LONDON, Memoirs of botanic garden at Chelsea, revised and continued, 1878.*

SENARMONT (Henri Hureau ? DE). *See Annales de chimie, 2me sér.*

Senna. (*See also Cassia.*)

BATTLEY (R.), Observations on the preparation of ... [senna], 1838.

BOUCHUT (E.) & E. A. BOURGOIN, Recherches chim. et physiol. sur la nature des principes purgatifs du séné de la palte, [1871].

KEUSSLER (E. v.), Untersuchung der chrysophansäureartigen Substanz der Sennesblätter, [1879].

KUBLY (M.), Über das wirksame Princip und einige andere Bestandtheile der Sennesblätter, 1865.

SEOANE (Mateo). *See NEUMAN (H.) & G. BARETTI, Dictionary of the Spanish and English languages, revised by M. S., new ed., 1867.*

SERCOMBE (Edwin). *See ODONTOLOGICAL Soc., Inaugural address upon opening the new premises of the Dental Hospital, 1874.*

SÉRULLAS (Georges Simon). *See Journal de chimie med., 1830–2. Sewage.*

GLASSFORD (C. F. O.), Town excreta, London sewage, 1858.

POW (J. B.), New patent relating to sewage of towns, etc., [1872].

SMEE (A.), Sewage, sewage produce, and disease, 1873.

STANFORD (E. C. C.), Chemist's view of the sewage question, 1869.

Seychelles. **MAURITIUS, COLONIAL GOVERNMENT**, Flora, by Baker, 1877.

SEYNES (Jules de). *See* BAILLON (H. E.), *Dict. de botan.*, 1876–9.

SHANNON (R.). Practical treatise on brewing, distilling, and rectification; with appendix on foreign wines, brandies, and vinegars. London, 1805. 32 + 308 + 248 + 136 + 184 p. + 5 tab. + 8 pl.

SHARP (Charles).

See Chemist's desk companion, Year-book of pharmacy, 1865–6.

See PHARMACEUTICAL SOC. OF GT. BR., Appendix to Catalogue, 1863.

[SHARP, WEST, AND CO.] Letter to C. Cowan, M.D., in answer to his Observations on quackery. London, 1839. 22 p.

SHARPE (Samuel). Treatise on the operations of surgery; with description and representation of instruments; [also,] On wounds, abscesses, and ulcers. New ed. London, 1788. 102 p. + 14 pl.

SHARPEY (William); *See* QUAIN (J.), *Elem. of anatomy*, 8th ed., 1878.

SHAW (George). Manufacture of glass. (*In* SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on the results of the Great Exhibition, 2nd ser., 1853, p. 184–211.)

SHAW (Peter).

New practice of physic; formed on the model of Dr. Sydenham, and executing the design of his *Processus integri*. Third edition. London, 1730. 2 vol.

Same. Fourth edition. London, 1735. Vol. 2.

Chemical lectures, read 1731–3, for the improvement of arts, trades, and natural philosophy. Lond., [173–?]. 26 + 448 p.

See also BOERHAAVE (H.), New method of chemistry, translated, 1727; 2nd ed., 1741; 3rd ed., 1753.

See also QUINCY (J.), *Prælectiones pharmaceuticæ*, 1723.

See also ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, Dispensatory, transl., 1727; 3rd ed., 1737; 4th ed., 1740; 5th ed., 1753.

[SHAW (S.P.).] Who discovered anæsthesia? [Manchester, 1868.] 8 p.

SHEARMAN (William). *See* Medical and physical journal, 1810.

SHEBBEARE (John). Practice of physic. London, 1755. Vol. 2.

Sheep. BLAINE (D.), Outlines of the veterinary art, 5th ed., 1841.

Sheep-dipping. MACADAM (S.) & J. GAMGEE, On the chemical composition, use, and action of sheep-dipping mixtures, with special reference to experiments in connection with the poisoning of sheep at Burton, Northumberland, pt. 1, chemistry, by S. M., pt. 2, physiology, by J. G., [1859 ?].

SHELLEY (Charles Percy Bysshe). Workshop appliances; including descriptions of the gauging and measuring instruments, the hand cutting-tools, lathes, drilling, planing, and other machine-tools used by engineers. Third edition. London, 1876. 2 + 10 + 312 p. (Text-books of science.)

SHERMAN (Rev. James). *See* ALLEN (W.), Memoir, by J. S., 1851.

Ship-building. *See* Naval architecture.

SHIPTON (James).

Manuale ad forum, vigentia medicinalia singulis anni mensibus expectanda, atque ex iisdem præparanda, exhibens; nec non pinax posographicus. Londini, 1689. 2 + 24 p.

Same. [20] p. (*In his Pharmacopœiæ remedia*, ed. 3, 1699.)

Pharmacopœiæ Collegii Regalis Londini remedia descripta. Editio altera; huic annexus est Catalogus simplicium. Londini, 1689. 4 + 164 + 56 p.

Same. Annexum est Manuale ad forum. Editio tertia; huic adjiciuntur pharmaca nonnullo in usu hodierno; accessit item Prosodia medica. Londini, 1699. 4 + 104 + 104 p.

Note.—The Manuale has a separate title-page.

See also BATE (G.), *Pharmacopœia Bateana ... Orthotonia medicorum observata, etc.*, curâ J. S., 1688; 3rd ed., 1700.

SHRADY (George F.). *See Medical record*, 1867–9.

SHUTTLEWORTH (Edward B.). *See ONTARIO COLLEGE OF PHARMACY, Canadian pharmaceutical journal*, 1871–9.

SHUTTLEWORTH (Sir Ughtred James KAY-).

First principles of modern chemistry; manual of inorganic chemistry. London, 1868. 8 + 214 p.

Same. Second edition. London, 1870. 8 + 214 p.

Siam. GREAT BRITAIN AND IRELAND, PARLIAMENT, Commercial reports from H. M. consuls, 1869.

Sicily. CLEGHORN (H. F. C.), Notes on botany & agriculture, 1870.

SIEBOLD (Philipp Franz von) & J. G. ZUCCARINI. Flora Japonica, sive Plantæ, quas in imperio Japonico collegit, descripsit, ex parte in ipsis locis pingendas curavit P. F. de S.; sectio prima, continens plantas ornatui vel usui inservientes; digessit J. G. Z. Lugduni Batavorum, 1835–70. 2 vol., 149 col. pl., 2 uncol. pl.*

Note.—The latter part of the work was edited by F. A. W. Miquél.

Silicates. BARFF (F. S.), Glass and silicates, 2nd ed., 1877.

Silk. COBB (B. F.), Silk, 2nd ed., 1877.

Silk-worm. MOORE (F.), Notes on the silk-producing insects of India and its adjacent countries, 1862.

Silphium. (*See also Asafætida.*)

HERINQ (F.), La vérité sur la prétendue silphion de la Cyrénaïque, silphium cyrenaicum du Laval, 2me éd., 1876.

Silva. EVELYN (J.), Silva, a discourse of forest-trees, etc., 1706.

SILVA (Pedro José DA).

[Historia da pharmacia portugueza; primeira memoria:] Ensino da pharmacia em Portugal e nas principaes nações da Europa. Lisboa, 1866. 18 + 182 p.

Same. [Segunda memoria:] Elogio historico e noticia completa de Thomé Pires, pharmaceutico. Lisboa, 1866. 48 p.

SILVER (Alex.). Outlines of elem. botany. Lond., 1866. 8 + 382 p.

Silver. FRENCH (J.), [Art of distillation ... with the anatomy of silver, 1651 ?] ; [3rd ed., 1664].

Silver, Chloride of.

[POGGIALE (A. B.),] Réduction du chlorure d'argent par D. Tommasi, [note par P., avec note par D. T., 1879].

TOMMASI (D.), Riduzione del cloruro di argento, 1878.

Silver, Haloïd compounds of. TOMMASI (D.), Azione dei raggi solari sui composti aloidi d'argento, 1878.

SIMMONDS (Peter Lund).

Science and commerce: their influence on our manufactures; statistical essays and lectures. London, 1872. 8 + 640 p.

Animal products; their preparation, commercial uses, and value. [London,] 1877. 20 + 416 + 8 p. (GREAT BRITAIN AND IRELAND, COMMITTEE OF COUNCIL ON EDUCATION, South Kensington Museum science handbooks.)

Fibres and cordage. (In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Tobacco, etc., p. 148–96.)

See also DUBLIN EXHIBITION PALACE ... Co., Illustrated record, 1866.

See also Technologist, 1860–6.

SIMMONS (Samuel Foart).

Practical observations on the treatment of consumptions. London, 1780. 88 p.

See also FRANCE, Account of the tenia, translated, 1777.

SIMMONS (William). *See* HULL (J.), Defence of the Cesarean operation, etc., 1798;—Observations on S.'s Detection, 1798.

SIMMONDS (James Beart). *See* Veterinarian, 1857–67.

SIMS (John). *See* Annals of botany, 1805–6.

SIMS (T.). Dyeing and bleaching. (In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Hosiery, etc., p. 131–91.)

SINCLAIR (George). *See* DONN (J.), Hortus Cantab., 12th ed., 1831.

Singapore. *See* RAFFLES LIBRARY AND MUSEUM.

Siris. BERKELEY (G.), Siris, ... concerning tar water, 2nd ed., 1744.

Siruba. *See* Laurel, Native oil of.

Situation. HIPPOCRATES, Upon air, water, and situation, 1734.

SIVEWRIGHT (J.). *See* PREECE (W. H.) & J. S., Telegraphy, 2 ed., 1876.

SKEETE (Thomas). Experiments and observations on quilled and red Peruvian bark; effects arising from the action of common bark and magnesia upon each other; nature and mode of treatment of fevers, putrid sore-throat, rheumatism, scrophula, etc., with appendix on cinchona Caribbæa. Lond., 1786. 24 + 376 p.

Skeletons and Crania. *See* Anatomy.

SKERTCHLY (Sydney B. J.). Physical system of the universe; an outline of physiography. London, 1878. 14 + 386 p.

Skin diseases. (*See also* individual diseases.)

BRITISH HOSPITAL FOR DISEASES OF THE SKIN, *Pharmacopœia*, 1879.

HOGG (J.), *Further observations on vegetable parasites*, [1866].

— Skin diseases, their parasitic origin, *etc.*, 1873.

Small pox.

HUXHAM (J.), *Essay on fevers, [Ess. on sm. pox.] etc.*, 4 ed., 1764.

TISSOT (S. A. D.), *Practical observations on the small pox*, 1772.
SMEE (Alfred).

Elements of electro-metallurgy, or the art of working in metals by the Galvanic fluid. London, 1841. 28 + 164 p.

Elements of electro-biology, or the Voltaic mechanism of man; of electro-pathology, especially of the nervous system; and of electro-therapeutics. London, 1849. 16 + 172 p.

Sewage, sewage produce, and disease. London, 1873. 16 p.

SMELLIE (William). *Treatise on the theory and practice of midwifery*. Second edition. London, 1752. 2 + 14 + 464 p.

Smilax. *See Sarsaparilla.*

SMILES (Samuel). *See EDWARD (T.)*, *Life of a Scotch naturalist, T. E.*, by S. S., 2nd ed., 1877.

SMITH (Frederick Porter). *Contributions towards the materia medica and natural history of China*. Shanghai, 1871. 8 + 238 p.

SMITH (G.). *Laboratory; or, School of arts*. London, 1756. Vol. 2, 22 pl.

SMITH (G.), *of Kendal*.

Compleat body of distilling. London, 1725. 6 + 152 p.

Same. Second edition. London, 1731. 6 + 152 p. + 1 pl.

SMITH (George), M.D. *Description of the natron lake of Loonar, with an analysis of the salt*. [Madras, 1856.] 22 p.

SMITH (J. Denham). *See ROYAL COLLEGE OF PHYSICIANS OF LONDON*, *Transl. of Pharmacopœia by R. Phillips, rev. by J. D. S.*, 1851.

SMITH (Sir James Edward).

English flora. London, 1825–36. 5 vol. *in 6*.

Note.—Vol. 1, 2, and 4 are of the second edition; vol. 5, in two parts, is by W. J. Hooker and M. J. Berkeley, and forms also vol. 2 of Hooker's British flora.

Compendium floræ Britannicæ. Ed. quinta. Lond., 1828. 8 + 212 p.

See also LINNÉ (C. v.), *Selection of the correspondence of Linnaeus and other naturalists*, 1821.

SMITH (John Barker).

Pharmaceutical guide to the first and second examinations. London, 1870. 12 + 194 p.

Same. Second edition. London, 1874. 12 + 244 p.

SMITH (J[oseph]). *Observations on the use and abuse of the Cheltenham waters*. Cheltenham, 1786. 2 + 68 p.

SMITH (Robert Angus).

Air and rain: the beginnings of a chemical climatology. London, 1872. 6 + 600 p. + 8 pl.

See also DALTON (J.), Memoir of J. D., and history of the atomic theory up to his time, 1856.

SMITH (Walter George).

On santonin, and its detection in the urine. Dublin, 1870. 10 p.

Commentary on the British pharmacopœia. Lond., 1875. 8 + 766 p.

SMITH (William). Latin-English dictionary, based upon the works of Forcellini and Freund; with tables of the Roman calendar, measures, weights, and money. Eighth edition. London, 1868. 8 + 1214 p. *

SMITH (William Abbotts). *See Medical mirror, 1865.*

SMITH (William Manlius). Attempt to answer the question: Which part of the plant conium maculatum is the best for medicinal use? Albany, [N. Y.,] 1867. 8 p.

SMITH (Worthington George). *See SAUNDERS (W. W.), W. G. S., & A. W. BENNETT, Mycological illustrations, 1871-2.*

SMITHSONIAN INSTITUTION, Washington.

Smithsonian miscellaneous collections. Washington, 1851, 1877.

Report on recent improvements in the chemical arts; by J. C. Booth and C. Morfit. 1851. 216 p.

List of publications of the Smithsonian Institution, 1877. 8 + 64 p.

Annual report of the board of regents. Washington, 1861-78. 14 v.
Note.—Printed under the sanction of the U. S. government.

Smithsonian contributions to knowledge. Washington, 1868-[70].

Results of meteorological observations at Marietta, Ohio, 1826-59, by S. P. Hildreth; [and] by J. Wood, 1817-23; reduced and discussed by C. A. Schott. 1868. 6 + 46 p.

Indians of Cape Flattery, by J. G. Swan. 1869[-70]. 10 + 108 p.

Smoke. WILLIAMS (C. W.), Combustion of coal, etc., 2nd ed., 1841.

Smut. COOKE (M. C.), Rust, smut, mildew, and mould, 1865.

SMYTH (J. H.). New treatise on the venereal disease, self-pollution, etc. Sixteenth edition. London, 1778. 8 + 54 p.

SMYTH (R. Brough).

See VICTORIA, ROYAL COMMISSION FOR THE PARIS EXHIBITION OF 1867, Catalogue, with essay on mining operations by R. B. S.

See VICTORIA, VICTORIAN EXHIBITION, 1861, Catalogue, with prefatory essays;—Die Colonie Victoria;—Essais divers.

SMYTH (Warington W.). Metallic mining, and Collieries. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1878, Metallic mining, etc., p. 1-50, 97-131.*)

SNELL (James). Observations on the history, use, and construction of obturateurs, or artificial palates. London, 1824. 54 p.

Snow. BARTHOLINUS (T.), De nivis usu, accessit E. B. De figura, 1661.

- Soap.** CHURCH (A. H.), Acids, alkalies, soap, *etc.*, 2nd ed., 1877.
- Social science.** GUY (W. A.), On the claims of science, 1870.
- SOCIEDAD DE CIENCIAS FISICAS Y NATURALES DE CARACAS.** Vargasia : boletin de la Sociedad. Caracas, 1868-70. Nos. 1-7, pl., tab.
- SOCIEDAD DE FARMACIA NACIONAL ARGENTINA, or SOCIEDAD NACIONAL DE FARMACIA,** formerly ASOCIACION FARMACÉUTICA DE BUENOS AIRES. Revista farmacéutica. Buenos Aires, 1858-79. Tomos 1-17.
Note.—Wants, of t. 4, no. 11; of t. 7, no. 1; of t. 9-10, indexes.
- Same.* Índice general de los tomos 1-12. Buenos Aires, 1875.
- Reglamento. Buenos-Ayres, 1863. 12 p.
- Tarifa farmacéutica. Buenos Aires, 1873. 20 p.
- SOCIETAS PHARMACEUTICA LONDINENSIS.** See SOCIETY OF APOTHECARIES.
- SOCIÉTÉ BOTANIQUE DE FRANCE, Paris.**
 Bulletin. Paris, 1854-79. Tomes 1-25, pl.
 Bombardement du Muséum d'histoire naturelle de Paris par l'armée allemande en janvier 1871; rapport par A. [A.] Delondre. [Paris, 1871.] [8] p., n. t.-p.
- SOCIÉTÉ CHIMIQUE DE PARIS.**
 [Bulletin ; par C. A. Wurtz, F. LeBlanc et C. Friedel. Paris, 1859-63.] 4 tomes.
Note.—The title-page, p. 1-84, and p. 247 to end of 1859-60 are wanting; the title-page of 1863 is also wanting.
Same. [Nouvelle série ;] par C. Barreswil, J. Bouis, C. Friedel, E. Kopp, F. LeBlanc, A. Scheurer-Kestner et [C.] A. Wurtz. Paris, 1864-7. Tomes 1-8, pl.
Note.—Tome 5 wants title-page; tome 7 wants p. 97-192.
- Répertoire de chimie appliquée ; par C. Barreswil. Paris, 1860-3. Tomes 2-5.
Note.—Merged in the Bulletin in 1864; *see above*.
- Répertoire de chimie pure ; par [C.] A. Wurtz [et F. LeBlanc]. Paris 1860-2. Tomes 2-4.
Note.—Merged in the Bulletin in 1863; *see above*.
- SOCIÉTÉ D'ACCLIMATATION, Paris.**
 Sur l'exposition internationale de produits et engins de pêche à Bergen, et sur la pisciculture en Norvège, août 1865; rapport par J. L. Soubeiran. Paris, 1866. 4 + 108 p.
 La production animale et végétale ; études faites à l'exposition universelle de 1867. Paris, 1867. 4 + 42 + 384 p.
 Rapport sur la culture de cépages de Tokay, en France ; par J. L. Soubeiran [au nom d'une commission. Paris, 1868]. 6 p.
 De l'introduction et de l'acclimatation des cinchonas dans les Indes néerlandaises et britanniques ; [rapport] par J. L. Soubeiran et A. [A.] Delondre. Paris, 1868. 6 + 166 p.
Note.—See also SOUBEIRAN (J. L.) & A. A. DELONDRE, 1867.

SOCIÉTÉ D'ACCLIMATATION, *Paris—continued.*

Rapport sur l'exposition des produits de pêche de La Haye en 1867 ; par J. L. Soubeiran. Paris, 1869. 56 p.

Rapport sur les expositions internationales de pêche de Boulogne-sur-mer, Arcachon et du Havre, 1866-8 ; par J. L. Soubeiran. Paris, 1871. 4 + 188 p.

SOCIÉTÉ D'ÉMULATION POUR LES SCIENCES PHARMACEUTIQUES. *See Journal de pharmacie et de chimie, 1845-8.*

SOCIÉTÉ DE MÉDECINE DE GAND.

Rapport sur le mémoire : "Histoire des progrès de la médecine mentale depuis le commencement du 19^e siècle ;" [par une] commission, [J.] Morel, rapporteur. [Gand, 1876.] 10 p., n. t.-p.

Rapport sur les inconvénients que présentent les tuyaux en plomb pour l'aspiration de la bière ; [par une] commission, [J.] Morel, rapporteur. [Gand, 1877.] 8 p., n. t.-p.

De la toxicité des sels de cuivre et de l'emploi du sulfate dans la panification : discussion, 1877-8. Gand, 1878. 66 p.

SOCIÉTÉ DE MÉDECINS, *Geneva.* Bibliothèque homœopathique. Genève, 1833-5. Tomes 1-4.

Note.—Tome 1 is of the second edition.

SOCIÉTÉ DE PHARMACIE D'ANVERS. *Journal de pharmacie.* Anvers, 1862, 1867-72; Bruxelles, 1873-6; Anvers, 1878-9. Tome 18, p. 97-160; tomes 23-32, 34-5; *of t. 25, index and t.-p. w.*

SOCIÉTÉ DE PHARMACIE DE PARIS.

Rapport sur les médicaments nouveaux ; par une commission, A. Petit, rapporteur. Paris, 1877. 68 p.

See also Journal de pharmacie et de chimie, 1822-48, 1859-79.

SOCIÉTÉ MÉDICALE D'ÉMULATION DE PARIS. Recherches expérimentales sur les moyens à employer contre les accidens déterminés par les inhalations de chloroforme ; rapport lu par L. Lallemant, au nom d'une commission. Paris, 1855. 76 p.

SOCIÉTÉ ROYALE DE PHARMACIE DE BRUXELLES.

[Bulletin. Bruxelles, 1857]-74. Années 1-18, por., pl.

Note.—The following are wanting : of 1857, t.-p., p. 1-26, p. 227 to end ; of 1860, p. 33-64 ; of 1863, p. 129-60 ; of 1869, t.-p., p. 273-312, p. 393 to end ; of 1870, p. 1-48, p. 97-176, p. 313-440. The following are in duplicate : 1857, p. 121-226 ; 1858, p. 21-204 ; 1859 ; 1860, p. 65-96, 329-402 ; 1861, p. 65-96 ; 1868, p. 1-28.

Falsifications des substances alimentaires, par N. Gille ; rapport fait par [G.] Hauchamps et Piers. Anvers, 1853. 4 p.

Note.—See also GILLE (N.).

SOCIÉTÉ SUISSE DES PHARMIENS. *See SCHWEIZERISCHER APOTHEKER-VEREIN, St. Gall.*

Societies. *See the first word, not an article, of the title of each society ; or a reference under the place of head-quarters.*

SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE, *London*. Library of useful knowledge; natural philosophy. London, 1829-38. 4 vol.

1. Objects, advantages, and pleasures of science.—Mechanics.—Hydrostatics.—Hydraulics.—Pneumatics.—Heat.—Optics.—Double refraction and polarisation of light.—Glossary.—Index.
2. Popular introductions to natural philosophy.—Sir I. Newton's optics.—Description of optical instruments.—Thermometer and pyrometer.—Electricity.—Galvanism.—Magnetism.—Electro-magnetism.—Glossary.—Index.
3. Astronomy.—Mathematical geography.—Physical geography and navigation.—Glossary.—Index.
4. Chemistry.—Botany.—Animal physiology.—Animal mechanics.—Analytical index.

SOCIETY FOR THE ENCOURAGEMENT OF ARTS, MANUFACTURES, AND COMMERCE, commonly called SOCIETY OF ARTS, *London*.

Transactions, [1754-1835.] London, 1788-1836. Vol. 1-50, pl.
Note.—Vol. 1-5 and vol. 34 are of the second edition.

Same. Analytical index to the first 25 vol. London, 1808.

Same. Analytical index, v. 26-40. (*Published with vol. 40.*)

Same. Analytical index, v. 41-50. *n. t.-p.*

Journal of the Society of Arts. London, 185[2]-79. Vol. 1-27, pl.

Same. Another copy of vol. 1, 4-6, 9-19.

Same. Index to vol. 1-10. London, 1863.

Same. Index to vol. 11-20. London, 1873.

Lectures on the results of the Great Exhibition of 1851; [first and second series]. London, 1852-3. 2 vol., 1 por., 1 pl.

1. W. WHEWELL, General bearing of the Exhibition on the progress of art and science.—H. T. DE LA BECHE, Mining, quarrying, and metallurgical processes and products.—R. OWEN, Raw materials from the animal kingdom.—J. BELL, Chemical and pharmaceutical processes and products.—L. PLAYFAIR, Chemical principles involved in the manufactures of the Exhibition as indicating the necessity of industrial instruction.—J. LINDLEY, Substances used as food, illustrated by the Exhibition.—E. SOLLY, Vegetable substances used in the arts and manufactures, in relation to commerce.—R. WILLIS, Machines and tools for working in metal, wood, etc.—J. GLAISHER, Philosophical instruments and processes, as represented in the Exhibition.—H. HENSMAN, Civil engineering and machinery.—J. F. ROYLE, Arts and manufactures of India.—Capt. WASHINGTON, On the progress of naval architecture, etc.

2. J. WILSON, Agricultural products and implements.—J. MACADAM, jun., Production of the flax plant, and modes of preparing fibre manufacture.—J. TENNANT, Gems and precious stones.—T. BAZLEY, Cotton as an element of industry, etc.—S. H. BLACKWELL, Iron-making resources of the United Kingdom.—G. SHAW, Manufacture of glass.—M. D. WYATT, Attempt to define principles which should determine form in decorative arts.—O. JONES, Attempt to define principles which should regulate the employment of colour in decorative arts.—H. FORBES, Rise, progress, and present state of worsted, alpaca, and mohair manufactures in England.—D. T. ANSTED, Non-metallic mineral manufactures.—L. ARNOUX, Ceramic manufactures, etc.—H. COLE, International results of the Exhibition.

[List of] council, officers, [and members. Lond., 1877-8]. 2 pam.

SOCIETY FOR THE EXTENSION OF DISPENSARIES ON THE SELF-SUPPORTING PRINCIPLE THROUGHOUT THE KINGDOM, *Warwick*. Statement of the objects and the rules of the Society. Leamington, 1858. 32 p.

SOCIETY FOR THE PUBLICATION OF ANCIENT WELSH MSS. Physicians of Myddvai: Meddygon Myddfai, or the medical practice of Rhwallon and his sons, about the middle of the 13th century, from ancient mss.; with an English translation, and the legend of the lady of Llyn y Van; translated by J. Pughe; edited by J. Williams Ab Ithel. Llandovery, 1861. 30 + 470 p.

SOCIETY OF APOTHECARIES, *London*.

Officina chymica Londinensis; sive, *Exacta notitia medicamentorum spagyricorum, quæ apud aulam Societatis Pharmaceuticæ Londin. præparantur, & venalia prostant; opera & studio N. Staphorst*; [item Catalogus medicamentorum. Londini,] 1685. 10 + 176 p.

Note.—The Catalogus has a separate title page.

Index plantarum officinalium, quas, ad materiæ medicæ scientiam promovendam, in horto Chelseiano, ali ac demonstrari curavit Societas Pharmaceutica Londinensis; [offert I. Rand]. Londini, 1730. 4 + 4 + 96 p.

Memoirs of the botanick garden at Chelsea, belonging to the S. of A.; [by H. Field]. London, 1820. 8 + 112 p. 2 copies.

Same. Revised and continued by R. H. Semple. London, 1878. 4 + 272 p. + por. + 4 pl.

Catalogus rationalis plantarum medicinalium, in horto Societatis Pharmaceuticæ Londinensis, apud vicum Chelsea, cultarum; curante J. L. Wheeler. Londini, 1830. 2 + 140 p.

Introductory address at Apothecaries' Hall, [at] the first evening meeting; by H. Field. London, 1835. 32 p.

Address to the general practitioners of England and Wales on the provisions of the Bill for the better regulation of medical practice throughout the United Kingdom, and their probable influence. London, 1844. 56 p.

Statement by the S. of A. on their administration of the Apothecaries' act, with reference to some supposed features of Sir J. Graham's promised measure. London, 1844. 44 p.

Address to the general practitioners of England and Wales on the second report of the joint deputation of the S. of A. and the National Association of General Practitioners. London, 1845. 30p.

Three reports by the joint deputation of the S. of A. and the National Association of General Practitioners appointed to confer with the secretary of state on the subject of the incorporation of the general practitioners. London, 1846. 46 p.

See also MEADE (W.), Manual for students, 2nd ed., 1846.

SOCIETY OF ARTS. *See* SOCIETY FOR THE ENCOURAGEMENT OF ARTS.
SOCIETY OF PHYSICIANS IN LONDON. Medical observations and inquiries. London, 1763–76. 5 vol., 26 pl.

Note.—Vol. 1 is of the 3rd ed.; vol. 3 is of the 2nd ed.

SOCIETY OF PUBLIC ANALYSTS, London. *See* Analyst, 1876–9.

Soda-water. LE GUILLOU (*Dr.*), On dyspepsia, induced by the habitual use of soda-water and artificial seltzer-water, 1869.

Sodium, Acetate of. TOMMASI (*D.*), Sur un nouveau dissolvant de l'iode plombique et de son application à la pharmacie, 1872.

Sodium, Hypophosphite of. PATROUILLARD (*C.*), Sur le gingembre blanc, ... Essai des hypophosphites de soude et de chaux, 1875.

Soils.

ACCUM (*F.*), Practical treatise on chemical tests, with directions for analysing ... soils, *etc.*, 2nd ed., 1818.

KENSINGTON (*E. T.*), Chemical composition of foods, ... soils, 1877.

SOLANDER (Daniel Charles). *See* LINNÉ (*C. v.*), Selection of the correspondence of Linnæus and other naturalists, 1821, *Note*.

Solanum. *See* GATAKER (*T.*), Observations on the internal use of the solanum or nightshade, 1757.

Solar physics. LOCKYER (*J. N.*), Contributions to sol. phys., 1874.

SOLLY (Edward).

Rural chemistry: an introduction to the science in its relation to agriculture. London, 1843. 20 + 172 p.

Chemical observations on the cause of the potato murrain. [London, 1846.] 10 p.

On the influence of electricity on vegetation. [Lond., 1846.] 32 p.

Further observations on the influence of electricity on vegetation. [London, 1847.] 6 p.

Vegetable substances used in the arts and manufactures, in relation to commerce. (*In* SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on the results of the Great Exhibition, 1st ser., 1852, p. 245–89.)

Solubilities, Chemical. STORER (*F. H.*), First outlines of a dictionary of solubilities of chemical substances, 1864.

Solution. TILDEN (*W. A.*), Theory of sol. and crystallisation, [1878].

SOMERVILLE (Mary). On the connexion of the physical sciences. Eighth edition. London, 1849. 16 + 524 p. + por. + 5 pl.

SORANUS.

See HIPPOCRATES, Aphorismes, 1655;—Upon air, water, *etc.*, 1734.

See HIPPOCRATES & GALEN, Opera, 1638–89.

SOUBEIRAN (Eugène).

Nouveau traité de pharmacie théorique et pratique. Seconde édition. Paris, 1840. 2 tomes, 1 tab.

See also Journal de pharmacie et de chimie, 1826–58.

SOUBEIRAN (J. Léon).

- La pêche du hareng. [Angers, 1870.] 2 + 22 p.
Pisciculture dans les Neilgherries. [Paris, 1870.] 10 p., n. t.-p.
Curiosités de l'alimentation. Paris, 1871. 24 p.
De l'ostréiculture. [Bordeaux, 1872.] 6 p., n. t.-p.
Hygiène élémentaire. Paris, 1873. 4 + 156 p.
See also BAILLON (H. E.), Dictionnaire de botanique, 1876-9.
See also HARDY (A.), Note sur la cult. du quinq. en Algérie, 1868.
See also Journal de pharmacie et de chimie, 1856-79.
See also SOCIÉTÉ D'ACCLIMATATION, Sur l'exposition internationale de produits et engins de pêche à Bergen, etc., 1866 ;—Rapport sur la culture de cépages de Tokay, en France, 1868 ;—Rapport sur l'exposition des produits de pêche de La Haye, 1869 ;—Rapport sur les expositions internationales de pêche de Boulogne-sur-mer, Arcachon et du Havre, 1871.

— & A. A. DELONDRE.

De la nacre, et des localités qui nous en approvisionnent. [Paris, 1867.] 6 p., n. t.-p.

De la pêcherie d'huîtres perlières de Tinnevelly et de la culture artificielle des huîtres perlières dans la même localité. [Paris, 1867.] 18 p., n. t.-p.

Produits végétaux du Portugal, considérés au point de vue de l'alimentation et de la matière médicale. Paris, 1867. 26 p.

La matière medicale à l'exposition de 1867. Paris, 1868. 4 + 56 p.

De l'acclimatation de cinchonas dans les Indes néerlandaises et britanniques. Paris, 1867. 24 p.

See also SOCIÉTÉ D'ACCLIMATATION, De l'introduction et de l'acclimatation des cinchonas dans les Indes, 1868.

— & D. DE THIERSANT. La matière médicale chez les Chinois ; précédé d'un rapport par [A.] Gubler. Paris, 1874 [p. 1873]. 4 + 10 + 320 p.

Sound. TYNDALL (J.), Sound, 2nd ed., 1869.

SOUTH (John F.). *See* SAINT THOMAS'S HOSPITAL, Descriptive catalogue of museum, 1847.

SOUTH AUSTRALIA. COMMISSION FOR THE PARIS EXHIBITION OF 1867. Catalogue of contributions. Adelaide, 1866. 32 p.

South Kensington Museum. *See* GREAT BRITAIN AND IRELAND, COMMITTEE OF COUNCIL ON EDUCATION.

SOUTH LONDON SCHOOL OF PHARMACY. *See* MUTER (J.).

South Sea Islands. FORSTER (J. R. & [J.] G. [A.]), Characteres generum plantarum, 1795.

SOUTHALL (William). Organic materia medica of the British pharmacopœia ; with brief notices of the remedies contained in the Indian and United States pharmacopœias. Lond., 1874. 4 + 80 p.

SOWERBY (James).

[Coloured figures of English fungi. London, 1809.) Supplement, pl. 401–40. *

Note.—Wants title-page. The volume contains also sundry coloured plates, numbered 39, 46, 51, 58, 73, 111, 157, 176, 202, 205, 209, 247–8, 286, 304–5, 309–10; these probably belong to main work.

English botany; or, Coloured figures of British plants. Edited by J. T. B. Syme; the popular portion by Mrs. Lankester; the figures by J. Sowerby, J. De C. Sowerby, J. W. Salter, and J. E. Sowerby; third edition. London, 1863–72. 11 vol. [1839] col. pl. *

SOWERBY (James De Carle).

See LOUDON (John C.), Encyclopædia of plants, 1836.

See SOWERBY (Ja.), English botany, 3rd ed., 1863–72.

SOWERBY (John Edward). *See* SOWERBY (Ja.), English bot., 1863–72.

—, C. JOHNSON, & C. P. JOHNSON. British poisonous plants; illustrated by J. E. S., described by C. J. and C. P. J. Second edition. London, 1861. 4 + 76 p. + 32 col. pl.

Spa. RUSSEL (R.), Dissertation on sea-water, [4th ed., with Treatise on waters of Pyrmont, Spa, Seltzers, etc., 1760–2?].

SPAIN.

Farmacopea española. Quinta edición. Madrid, *Imprenta nacional*, 1865. 16 + 628 + 4 p.

Note.—*See also* Farmacopea en Castellano, 1823.

See also ALCOCK (R.), Notes on the ... British legion of S., 1838.

See also CÆSAR (C. J.), Commentarii de bello Hisp., 1578; 1840.

Spanish language.

CHIRCHMAIR (M.), Grammatica spagnuola e italiana, 1734.

NEUMAN (H.), New dictionary of Span. and Eng. lang., 1823. *

— & G. BARETTI, Dictionary of Span. and Eng. lang., n. ed., 1867. *

SAUER (C. M.), Spanish conversation-grammar, 2nd ed., 1875.

Spasm. WILSON (J. A.), On spasm, languor, palsy, etc., 1843.

Species, Origin of. *See* Origin of species.

SPECTATOR, [*pseud.*]. *See* KENNEDY (J.), Paper v. gold-money, 1847.

Spectra and Spectrum analysis.

CAPRON (J. R.), Photographed spectra, 136 phot., etc., 1877. *

ROSCOE (H. E.), Spectrum analysis, 1869.

SCHELLEN (H.), Spectrum analysis, translated, 1872.

SUFFOLK (W. T.), On spectrum analysis as applied to microscopical observation, 1873.

Speculum lapidum. *See* LEONARDUS (C.), 1610.

SPENCE (David). System of midwifery. Edin., 1784. Pt. 2, pl.

SPENGLER (Louis). On the effects of the thermal waters of Ems.

London, 1854. 4 + 104 p.

- SPEYER (Carl). Beiträge zu dem gerichtlich-chemischen Nachweis des Colchicin's in thierischen Flüssigkeiten und Geweben; Dissertation. Dorpat, 1870. 48 p. (Kais. Universität Dorpat.)
- Spices. VOGL (A. E.), Nahrungs- und Genussmittel, 1872.
- Spider. MURRAY (J.), Experimental researches on ... the ascent of the spider into the atmosphere, 1826.
- SPIELMANN (Jacob Reinbold). *Pharmacopœa generalis.* Editio prima Veneta. Venetiis, 1785–6. 3 tomi, illustrated.
- SPIERS (A.).
Dictionnaire général anglais-français. Vingt-unième édition. Paris, 1869. 4 + 16 + 728 p. *
- Dictionnaire général français-anglais. Vingt-unième édition. Paris, 1869. 8 + 624 p. *
- SPILLAN (D.). See ROYAL COLLEGE OF PHYSICIANS OF LONDON, *Pharmacopœia Londinensis*, translated, with commentary, 1837.
- SPILLER (John). See PHOTOGRAPHIC SOCIETY, Phot. journ., 1869–73.
- Spine. HOGG (J.), Impairment of vision from spinal concussion, 1876.
- Spiræa ulmaria. PATROUILLARD (C.), Sur le gingembre blanc, ... De l'emploi de l'eau distillée d'ulmaire, 1875.
- Spirits. See Alcoholic liquors;—Distillation or Distilling;—Wine.
- Spleen.
DOBSON (W.), Experimental inquiry into the structure, etc., 1830.
PAQUELIN (C.) & L. JOLLY, Contribution à l'étude des phénomènes nutritifs, analyse comparative ... de la rate, 1875.
- SPON (Ernest). Workshop receipts. London, 1879. 4 + 450 p.
- SPRATT (Eldridge). See Technologist, 1866–7.
- SPRATT (G.). See WOODVILLE (W.), Medical botany, 3rd ed., 1832.
- SPRENGEL (C.). See PORTUGAL, Codex medicamentar., 1822, Note.
- SPRENGEL (Curtius [or Kurt]). See, in additions, DIOSCORIDES, *De materia medica*, 1829–30.
- SPRENGEL (Kurt). See CANDOLLE (Aug. P. DE) & K. S., Elements of the philosophy of plants, principles of scientific botany, tr., 1821.
- SQUIBB (Edward Robinson).
Report on the U. S. pharmacopœia; Note on rhubarb, for 1869; Note on collodion, by F. C. Mussgiller; Liquor opii compositus. Philadelphia, 1870. 96 p.
- Notes on a new form of percolator, the triplex pill, rhubarb, aconite root, citrate of bismuth and ammonia, and aloes. Philadelphia, 1873. 30 p.
- [On] a universal pharmacopœia. Philadelphia, 1877. 6 p.
- Fluid extracts by repercolation. Phila., 1878. 2 + 44 p. 2 copies.
- Same. [Another ed., augmented.] Philadelphia, 1879. 2 + 48 p.
- Notes on the estimation of urea, and on the revision of the U. S. pharmacopœia in 1880. Syracuse, 1879. 2 + 4 p. 4 copies.

SQUIBB (Edward Robinson)—*continued.* Proposed legislation on the adulteration of food and medicine [in the U. S.], with notes; [also] the British act of 1875, with notices of some rulings in the British court. New York, 1879. 58 p. 2 copies.

SQUIRE (Alexander John Balmanno). *See BRITISH HOSPITAL FOR DISEASES OF THE SKIN, London, Pharmacopœia, ed. by B. S., 1879.*

SQUIRE (Alfred Herbert). *See SQUIRE (P.), Pharmacopœias of London hospitals, 4th ed., 1879;—Companion to the British pharmacopœia, 11th ed., 1877; 12th ed., 1880.*

SQUIRE (Peter).

Pharmacopœias of London hospitals. London, 1863. 8 + 152 p.

Same. Second edition. London, 1869. 8 + 200 p.

Same. Third edition. London, 1874. 12 + 276 p.

Same. Fourth edition, [with Dublin hospital pharmacopœias]; by P.S., P.W.S., and A.H.S. Lond., 1879. 16 + 312 p. 2 copies.

Companion to the British pharmacopœia, comparing the strength of the preparations with those of other pharmacopœias; with practical hints on prescribing. London, 1864. 12 + 208 p.

Same. Second edition. London, 1864. 16 + 256 p. 4 copies.

Same. Third edition. London, 1866. 16 + 264 p.

Same. Fifth ed., [second issue]. London, 1867. 20 + 318 p.

Same. Fifth ed., [third issue]. London, 1868. 20 + 326 p.

Same. Seventh edition. London, 1869. 36 + 386 p.

Same. Eighth edition. London, 1871. 36 + 402 p.

Same. Ninth edition. London, 1873. 32 + 434 p.

Same. By P.S., P.W.S., and A.H.S.; eleventh edition. London, 1877. 36 + 456 p.

Same. Twelfth edition. London, 1880. 34 + 476 p.

Note.—The seventh and following editions contain analyses, etc., of the spas of Europe.

See also ROYAL COLLEGE OF PHYSICIANS OF LONDON, New London pharmacopœia, tr. and arranged with Ed. and Dubl. pharm., 1851.

SQUIRE (Peter Wyatt). *See SQUIRE (P.), Pharmacopœias of London hospitals, 4th ed., 1879;—Companion to the British pharmacopœia, 11th ed., 1877; 12th ed., 1880.*

SQUIRE (William Stevens). *See BOUDAULT (P. C.), On pepsine, 1858.*

STACKMANN (Arthur). Studien über die Zusammensetzung des Holzes; Dissertation. Dorpat, 1878. 62 p. (Kaiserliche Univ. Dorp.)

STAHLRE (L.). *See DRAGENDORFF (G.), Beiträge zur Chemie der Päonien, 1879, Note.*

STAINTON (Henry Tibbats).

Entomologists' companion. Second ed. Lond., 1854. 10 + 146 p.

Insecta Britannica: lepidopterá, tineina. London, 1854. 8 + 336 p. + 10 pl. (Insecta Britannica, by F. Walker, etc., vol. 3.)

See also Entomologists' annual, 1855-7.

STAMMER (Karl). *Chemisches Laboratorium; Anleitung zum Selbstunterrichte in der Chemie.* Giessen, 1856–7. 3 Theile, 4 tab.

STANFORD (Edward Charles Cortis).

On the economic applications of seaweed. [London,] 1862. 16 p.

Chemist's view of the sewage question. London, 1869. 24 p.

STAPHORST (Nicolaus). *See SOCIETY OF APOTHECARIES, Officina chymica Londinensis, etc., 1685.*

Starch.

BERNARDIN (M.), *Classification de 250 féculles,* 1876.

FLÜCKIGER (F. A.), *Über Stärke und Cellulose,* [1871].

THIBIERGE (A.) & REMILLY, *De l'amidon du marron d'Inde ou des féculles amylocées des végétaux non alimentaires,* 2 éd., 1857.

Starcraft. *See COCKAYNE (T. O.), Leechdoms, etc., 1864–6.*

STARKEY (George).

See D. (H. V.), *Tomb of Semiramis hermetically sealed,* 1674.

See THOMSON (G.), *Plano-pnigmos, with Epistolar discourse,* 1665.

Steam. REGNAULT (H. V.), *On the latent heat of steam,* 1848.

Steam-engine.

LARDNER (D.), *The steam engine,* 7th ed., 1840.

WASHINGTON (*Capt.*), *On naval architecture, steam engines,* 1852.

Steel. WILLIAMS (W. M.), *Iron and steel,* 2nd ed., 1876.

STEGGALL (John).

Text book of materia medica and therapeutics. London, 1837.

8 + 334 p.

First lines for chemists and druggists preparing for examination before the board of the Pharm. Soc. London, 1844. 8 + 172 p.

Same. Third edition. London, 1869. 8 + 154 p.

STEIN (C. W.). *See SCHWEIZERISCHER APOTHEKER-VEREIN, Schweizerische Wochenschrift für Pharmacie,* 1878.

STEINHEIL (L.?). *See WEDDELL (H. A.), Histoire des quinq.,* 1849.

STEINHEIL (L.). *See LE MAOUT (E.) & J. DECAISNE, Traité général de botanique,* 1868;—*Eng.*, *General system of botany,* 1876.

Stem. KOROLL (J.), *Quantitativ-chemische Untersuchungen über die Zusammensetzung der Kork-, Bast-, Sclerenchym- und Markgewebe,* 1880.

STENHOUSE (John). *On the economical applications of charcoal to sanitary purposes.* London, 1855. 28 p.

STEPHENS (Mrs.). *See HARTLEY (D.), View of the evidence for and against Mrs. S.'s medicines as a solvent for the stone,* 1739.

STEPHENSON (John). *Medical zoology and mineralogy.* London, 1838. 6 + 350 p. + 46 col. pl. *

— & J. M. CHURCHILL. *Medical botany: illustrations and descriptions of medicinal plants.* London, 1831. 4 v., 185 col. pl. *

Note.—Wants t.-p. of v. 3, & pl. 22, 28, 37, 45–6, 65, 104, 159–60, 174–5.

STEUDEL ([Ernst Gottlieb *or*] Ernestus Theophilus).

Nomenclator botanicus, [seu Synonymia plantarum universalis ;] enumerans ordine alphabetico nomina atque synonyma tum generica tum specifica. Stuttgardtiae, 1821. 18 + 904 p. + 1 tab.

Same. Editio secunda. Stuttgartiae, 1840-1. 2 pts. *in 1 vol.* *

STEVENSON (John).

On the morbid sensibility of the eye. London, 1811. 4 + 108 p.
Cataract, its nature, symptoms, and cure. Fifth edition. London, 1839. 4 + 8 + 172 p.

STEVENSON (Thomas). *See* NAQUET (J. A.), Principles of chem., 1868.

STEWART (Balfour).

Elem. treatise on heat. Oxf., 1866. 20 + 392 p. (Clar. press ser.)
Lessons in elementary physics. Second edition. London, 1871. 10 + 372 p. + 1 col. pl.

STILLÉ (Alfred) & J. M. MAISCH.

National dispensatory; containing the natural history, chemistry, pharmacy, actions and uses of medicines, including those recognized in the pharmacopœias of the United States and Great Britain. London, 1879. 8 + 1628 p.

Same. Second edition. London, 1879. 12 + 1680 p. *

STILLINGFLEET (Benjamin). Miscellaneous tracts relating to natural history, husbandry, and physick; [translated from the Latin ;] to which is added, the Calendar of Flora. Second edition, with notes on English grasses, *etc.* London, 1762. 32 + 392 p. + 11 pl.

Note.—The authors of the tracts are Linnæus, Biberg, Barck, Gedner, Beyerstein, Berger, Theophrastus, and Hasselgren.

Stimuli. WOOD (J.), Thoughts on effects ... on human body, 1793.

STOCKEN (James).

Elements of dental materia medica and therapeutics, with pharmacopœia. London, 1877. 8 + 148 p.

Same. Second edition. London, 1878. 14 + 320 p.

STOCKER (Richard). *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia officinalis Britannica, 1810; 2nd ed., 1816.

STÖCKHARDT (Julius Adolph). Experimental chemistry, founded on the work of S.; by C. W. Heaton. London, 1872. 24 + 422 p.

Stockholm.

See REGIUM COLLEGIUM MEDICUM;—REGIUM COLLEGIUM SANITATIS.

STOHMANN (F.). *See* PAYEN (A.), Industrial chemistry, 1878.

Stomach, Human.

BIRD (J.), Medicinal and economic properties of charcoal, with remarks on its use in chronic affections of the stomach, 1855.

HARE (T.), Physiological views of the structure, functions, and disorders of the stomach and alimentary organs, 2nd ed., 1824.

Stomach pump. READ (J.), Vindication of patent syringe, [1826].

STONE (William Domett). *See Half-yearly abstract, 1870–3.*

STONE (William H.). *See SAINT THOMAS'S HOSPITAL, Statistical report of patients, 1857–65.*

Stones. (*See also Calculi;—Gems, etc.;—Philosopher's stone.*)

HULL (E.), [Quarries and] Building stones, 2nd ed., 1878.

LEONARDUS (C.), Speculum lapidum, cui accessit Sympathia septem metallorum ac septem selectorum lapidum ad planetas D. P. Arlensis de Seudalupis, 1610. *

Ortus sanitatis, de ... lapidibus, *etc.*, 1517. *

STÖRCK ([Anton von or] Antonius).

Libellus, quo demonstratur: cicutam non solum usu interno tutissime exhiberi, sed et esse simul remedium valde utile in multis morbis. Vindobonæ, 1760. 10 + 98 p.

Libellus, quo demonstratur: stramonium, hyoscyamus, aconitum. Vindobonæ, 1762. 2 + 2 + 56 p.

Libellus, quo demonstratur colchicem autumnalis radicem; [item Appendix de cicutâ]. Vindobonæ, 1763. 48 p. + 1 pl.

STORER (Frank H.).

First outlines of a dictionary of solubilities of chemical substances. Cambridge, [U. S.,] 1864. 12 + 716 + 8 p. *

See also ELIOT (C. W.) & F. H. S., Manual of inorg. chem., 1868.

STORY (William). Essay on the agriculture of Victoria. (*In VICTORIA, GOVERNMENT, Prize essays, 1861, p. 51–208, with pl.*)

Stoves. (*See also Heating: CLARK.*)

SWEDENBORG (E. SWEDBERG, Baron v.), Some specimens of a work on chemistry, with other treatises [on ... fire, stoves, *etc.*], 1847.

Stramonium. *See Datura stramonium.*

Strasburg. *See COLLEGIUM MEDICUM ARGENTORATENSE.*

STRATTEN (Samuel). *See HAHNEMANN (S. C. F.), Homœopathic medical doctrine, with notes by S. S., 1833.*

STRAUSS (David Friedrich). *See BEALE (L. S.), Protoplasm, 1874.*

Strength of materials and structures. *See ANDERSON (J.), 3 ed., 1876.*

STRICKER (S.). *See KAISERLICH-KÖNIGLICHE GESELLSCHAFT DER ÄRZTE, Vienna, Medizinische Jahrbücher, 1871–3.*

STRICKLAND (H. E.). *See BONAPARTE (C. J. L. L.), Observations on the state of zoology in Europe, translated, 1845.*

STROHL (G. E.). *See REICHARDT (E.), Guide pour l'analyse, 1876.*

STROTHER (Edward). *See RADCLIFFE (J.), Pract. dispensatory, 1721.*

Structures. ANDERSON (J.), Strength of ... struct., 3rd ed., 1876.

STRUXT (Charles Edward). *See SWEDENBORG (E. SWEDBERG, Baron v.), Some specimens of a work on chemistry, *etc.*, translated, 1847.*

Strychnia or Strychnine.

DRAGENDORFF (G.), Bemerkungen in Bezug auf die Nachweisbarkeit des Strychnins in verwesenden Cadavern, [1879].

Strychnia or Strychnine—continued.

MARCHAND (E.), Notes sur un nouveau caractère spécifique, 1843.

MASING (P. G. A.), Beiträge für den gerichtlich-chemischen Nachweis des Strychnins in thierischen Flüssigkeiten, etc., 1868.
Strychnos nux-vomica. FRASER (T. R.), On the akazga plant, and the difference between its stem and that of nux-vomica, 1868.

Student and intellectual observer of science, literature, and art.
 London, 1868–71. 5 vol., col. pl.

Note.—See also Intellectual observer, 1866–8.

Student, London. *See London student, 1868.*

Student's manual. *See TODD (J.), new ed., [187–?].*

STURGEON (William).

Course of twelve elementary lectures on Galvanism; illustrated with engravings of experiments, etc. London, 1843. 12 + 236 p.

See also Annals of electricity, magnetism, etc., 1836–43.

See also Annals of philosophical discovery, etc., 1843.

Styrax. PLANCHON (G.), Notes sur les styrax, 1876.

Sublimation. *See FRENCH (J.), [Art of distillation, 3rd ed., 1664].*

SUDDA (Georges DELLA), Colonel FAYK BEY. Monographie des opiums de l'empire ottoman à l'exposition. Paris, 1867. 2 + 26 p.

Sudorifics. ALEXANDER (W.), Experimental essays ... on sud., 1768.

Suffolk. LINNÉ (C. v.), Elements of botany, [with] appendix, some plants found in Norfolk and Suffolk, by H. Rose, 1775.

SUFFOLK (W. T.).

On microscopical manipulation. London, 1870. 16 + 232 p. + 8 pl.

On spectrum analysis as applied to microscopical observation.

London, 1873. 2 + 40 p. + 1 col. pl. + 6 pl.

Sugar.

CHEVALLIER (J. B. A.), Sur la falsification du sucre de canne par la glucose, moyens de reconnaître cette falsification, [1843].

DALTON (J.), On ... a new and easy method of analysing, 1840–2.

DRAGENDORFF (G.), Über Mannit als Nebenproduct der Milchsäure-darstellung aus Rohrzucker, [1879].

DUREAU (B.), The sugar question as it affects the consumer, 1864.

GILL (C. H.), Sugar refining, 2nd ed., 1878.

Sulphates. *See Calcium, Sulph. of;—Copper;—Mercury, Sulph. of. Sulphur.*

EBBESEN & HÖRBYE, Sulphureous bath at Sandefjord, 1862.

LANGRISH (B.), Physical experiments upon brutes, [also,] Experiments and observations on the fumes of sulphur, 1746.

Sulphurous acid.

DEWAR (J.), On the application of sulphurous acid to the prevention, limitation, and cure of disease, 7th ed., 1868.

PAIRMAN (R.), The great sulphur [*i.e.*, sulph. acid] cure, 7 ed., 1867.

Sun. LOCKYER (J. N.), Contributions to solar physics, 1874.

Surgery. (*See also Hospitals ;—Medicine, etc.* The various medical periodicals treating also of surgery may be found under Medicine.)

ABERNETHY (J.), Surgical observations on diseases, 10th ed., 1828.

ALLEN (J.), Synopsis medicinæ, with cases in surgery, 4 ed., 1761.

BLOXAM (Dr.), Collection of receipts in ... surgery, 2nd ed., 1754.

COOPER (S.), Dictionary of practical surgery, 6th ed., 1830.

DRUITT (R.), Surgeon's vade mecum, 9th ed., 1865.

FALCONAR (M.), Synopsis of lectures on anatomy and surgery, 1777.

HEISTER (L.), Medical, chirurgical, & anatomical cases, *etc.*, 1755.

Jahresbericht der chirurgischen Klinik des v. Dumreicher, 1871.

MUYS (J.), Rational practice of chyrurgery, 1686.

NYSTEN (P. H.), Dictionnaire de médecine, *etc.*, 8me éd., 1840.

PARÉ (A.), Les œuvres, 6me éd., 1607 ;—*Dutch*, [158—16—?].

Pharmacopœia chirurgica, 2 ed., 1794; 3 ed., 1795; 4 ed., 1799.

RIOLAN jeune (J.), Sure guide to physick and chyr., 3rd ed., 1671.

ROYAL COLLEGE OF SURGEONS IN IRELAND, (*see*).

ROYAL COLLEGE OF SURGEONS OF EDINBURGH, (*see*).

ROYAL COLLEGE OF SURGEONS OF ENGLAND, (*see*).

ROYAL MEDICAL AND CHIRURGICAL SOCIETY OF LONDON, Medico-chirurgical transactions, 1843–79.

— Proceedings, 1858–79.

— Catalogue of the library, 1879. *

SHARPE (S.), Treatise on operations of surgery, new ed., 1788.

Theory and practice of chirurgical pharmacy, 1761.

UNITED STATES OF AMERICA, ARMY MEDICAL DEPARTMENT, [Pamphlets in connection with exhibit, Internat. Exhibition, 1876].

— SURGEON GENERAL'S OFFICE, Reports on the materials available for a medical and surgical history of the Rebellion, 1865.

—, — Medical and surgical history of the War of the Rebellion, 1861–5, [by J. J. Woodward and G. A. Otis,] 1870–9.

—, — Annual report of the surgeon general, 1866.

—, — Report on amputations at the hip-joint, 1867.

—, — Report on excisions of the head of the femur, 1869.

—, — Report of surgical cases in the army, 1865–71.

WHITE (R.), Practical surgery, 2nd ed., 1796.

WILSON (J.), Pharmacopœia chirurgica, 3rd ed., 1814.

WISEMAN (R.), Severall chirurgicall treatises, 1676.

Surrey. SALMON (J. D.), Flora, by J. A. Brewer, 1863.

SUTTON (Francis).

Systematic handbook of volumetric analysis; quantitative estimation of chem. substances by measure. Lond., 1863. 18 + 282 p.

Same. Second edition. London, 1871. 20 + 378 p.

Same. Third edition. London, 1876. 12 + 432 p.

SWAN (James G.). Indians of Cape Flattery. (*In SMITHSONIAN INSTITUTION*, Smithsonian contributions to knowledge, 1870.)

SWAN (John). *See SYDENHAM (T.)*, Entire works, 2nd ed., 1749.

SWEDBERG (Emanuel). *See SWEDENBORG (E. SWEDBERG, Baron v.)*.

SWEDEN.

Pharmacopœa Suecica. Holmiæ, 1787. 128 p.

Same. Holmiæ, *ex typographia regia*, 1826. 8 + 222 p.

Same. Editio septima. Stockholmiæ, 1869. 10 + 276 p.

Note.—The edition of 1787 was issued by the Regium Collegium Medicum; that of 1869, by the Regium Collegium Sanitatis.

See also HAMBERG (N.), Svensk pharmaceutisk bibliographi, 1862.

See also HASSELGREN (N.), Swedish Pan, 1762.

See also Swedish language.

SWEDENBORG (Emanuel SWEDBERG, *Baron von*). Some specimens of a work on the principles of chemistry, with other treatises [on iron, fire, stoves, longitudes, docks, dykes, etc.]; translated from the Latin, [with introduction], by C. E. Strutt. London, 1847. 44 + 254 + 2 p. + 21 pl.

SWEDIAUR (F.).

Practical observations on venereal complaints. Third edition, [with] Pharmacopœia syphilitica. Edin., [1787]. 8 + 312 p.

Materia medica. Parisiis, an 8, [1800]. 2 vol.

Pharmacopœia medici practici universalis. Londini, 1803. 34 + 502 p.

Swedish language.

Engelskt och svenska handlexikon, 1874. *

JUNGBERG (C. G.), Svenskt och engelskt handlexikon, 1874. *

LÉNSTRÖM (C. J.), New method of learning S. lang., 3rd ed., 1878.

SWEET (Robert). Hortus suburbanus Londinensis: catalogue of plants cultivated. London, 1818. 12 + 242 p.

SWIETEN (Baron Geerard van). *See BOERHAAVE (H.)*, Commentaries upon the Aphorisms of B., translated, 1744–65.

Switzerland. Botany. WOODS (J.), Tourist's flora, 1850.

—. Pharmacopœia. SCHWEIZERISCHER APOTHEKER-VEREIN, Pharmacopœia Helvetica, 1865; ed. altera, 1872; suppl., 1876.

SYDENHAM (Thomas).

Entire works; made English from the originals, [with] notes.

Second edition, by J. Swan. London, 1749. 2 + 12 + 26 + 710 p.

Opera omnia; edidit G. A. Greenhill. Londini, 1844. 32 + 668 p. (Sydenham Society.) 2 copies.

See also SHAW (P.), New practice of physic, 3 ed., 1730: 4 ed., 1735.

SYDENHAM SOCIETY, London. [Works.] (*See the authors.*)

LOUIS (P. C. A.), Researches on phthisis, 2nd ed., 1844.

SYDENHAM (T.), Opera omnia, edidit G. A. Greenhill, 1844.

Note.—*See also NEW SYDENHAM SOCIETY.*

Sydney. *See ROYAL SOCIETY OF NEW SOUTH WALES.*

—. **International Exhibition, 1879.** IMPERIAL COLLEGE OF AGRICULTURE, Japan, catalogue of agricultural products exhibited, 1879.

SYKES (*Col.* William Henry). On the geology of a portion of Dukhun, [Deccan,] E. Ind. Lond., 1836. [28] p. + map + 2 pl.

SYLVIUS (Franciscus de LE BOE,). *See, in additions,* BOE.

SYLVIUS (Zacharias). *See JOANNES de Mediolano,* Schola, 1649.

SYME (John T. Boswell). *See BOSWELL (J. T. I. B.).*

SYMMONDS (Thomas Edward). *See LONDON AND WEST OF IRELAND FISHING AND FISH MANURE Co.,* Observations on the fisheries, 1856.

Sympathy. JACKSON (S. H.), Treatise on sympathy, 1781.

SYNESIUS. True book concerning the philosopher's stone. (*In VALENTINUS*, B., Triumphant chariot of antimony, 1678, p. 161–76.)

Synochus. WALL (M.), Clinical observations on opium, etc., 1786.

Synopsis of the chemical decompositions that take place in the preparations of the London pharmacopœia. Lond., 1822. 4 + 26 p.

Note.—By Jonathan Pereira?

Syphilis. *See Venereal disease.*

Syringe. READ (J.), Vindication of patent syringe, [1826].

Syrups.

ÎHUSAIN IBN ÂBD ALLAH, Avicennæ liber canonis, ... tractatus de syrupo acetoso, 1555. *

LEPAGE (P. H.), Des propriétés qui peuvent servir à distinguer les sirops médicamenteux, 1859.

T. (R.). *See BOERHAAVE (H.),* Praxis medica, 1716.

TACHENIUS (Otto).

Hippocrates chymicus, discovering the ancient foundation of the viperine salt, with Clavis [to Hippocratical physick] annexed; translated by J. W. London, 1677. 22 + 132 + 14 + 134 p.

Same. [Another edit. London, 1690.] 22 + 132 + 14 + 134 p.

Note.—In both editions, the Clavis has separate t.-p., pagination, and index. The edition of 1690 wants general t.-p., and preface of translator. See also ZWELFER (J.), Discursus apologeticus, 1672.

TAIT (Peter Guthrie).

Lectures on recent advances in physical science, with a special lecture on force. Second ed. London, 1876. 20 + 364 p.

Sketch of thermodynamics. Second ed. Edin., 1877. 20 + 162 p.

See also THOMSON (W.) & P. G. T., Elements of nat. phil., 1873.

Tannic acid.

GÜNTHER (N.), Beurtheilung der analytischen Methoden, welche zur Bestimmung des in Catechu, Ratanhia, Kino und anderen Drogen vorhandenen Gerbstoff's zur Verfügung stehen, 1870.

— Beiträge zur Kenntniss der im Sumach, in den Myrobalanen und in der Dividivi vorkommenden Gerbsäuren, 1871.

Tannin.

- GIRGENSOHN (L.), Beiträge zur Albuminometrie und zur Kenntniss der Tanninverbindungen der Albuminate, 1872.
- RUSSELL (C.), Tannin process [in photography], 1861.
- VILLE (J.), Recherches pour servir à l'histoire chimique de la racine de gentiane, présence d'un tannin, 1877.
- Tanning.** COLLINS (J.), Hides and leather, 2nd ed., 1877.
- Tapeworm, Long.** FRANCE, Account of the tenia, translation, 1777.
- TAPLIN (William).

Gentleman's stable directory; or, Modern system of farriery.
Fourth edition. London, 1796. Vol. 2.

Same. Tenth edition. London, [179-?]. Vol. 1, por.

Same. Thirteenth edition. London, 1796. Vol. 1, por.

Tar-water.

- BERKELEY (G.), Siris, ... virtues of tar water, 2nd ed., 1744.
- Letter to T[homas] P[rior], ... remarks on tar-water, 1744.
- Élatine, solution aqueuse de goudron de sapin concentré, [1864].
- HALES (S.), Account of experiments and observations, 1745.
- TARASZKEWICZ (Eduard). Einige Methoden zur Werthbestimmung der Milch; Diss. Dorpat, 1873. 42 p. (Kais. Univ. Dorp.)

Tariff. *See Prices.*

- TASSAERT (B. M.). *See Klaproth (M. H.), Mém. de chimie, 1807.*
- TAUVRY (Daniel). Traité des médicaments et la manière de s'en servir pour la guérison des maladies, avec les formules. Nouvelle édition. Paris, 1699. 2 tomes.
- TAYLOR (Alfred B.). *See Philadelphia College of Pharmacy, American journal of pharmacy, General index, by A. B. T.*
- TAYLOR (Alfred Swaine).

Manual of medical jurisprudence. London, 1844. 14 + 680 p.

Same. Seventh edition. London, 1861. 8 + 948 p.

On poisons in relation to medical jurisprudence and medicine.
Second edition. London, 1859. 8 + 864 p.

Same. Third edition. London, 1875. 20 + 834 p.

Principles and practice of medical jurisprudence. Second edition. London, 1873. 2 vol.

See also ARNOTT (N.), Elements of physics, 7th ed., 1876.

See also BRANDE (W. T.) & A. S. T., Chemistry, 1863.

See also PEREIRA (J.), Elements of materia medica and therapeutics, 3rd ed., 1849-53; 4th ed., 1854-7.

[TAYLOR (Edward).] Use and value of the ammoniacal liquor and refuse lime of gas works for agricultural purposes, British guano.
Second thousand. London, 1853. 24 p.

TAYLOR (Frederick). *See Guy's Hospital, Reports, 1875-8.*

TAYLOR (James). *See LANDAUER (J.), Blowpipe analysis, 1879.*

TAYLOR (John). *See* Our water supply, discussion, 1880, *Note*.

TAYLOR (John Ellor). *See* HARDWICKE's science-gossip, 1872–9.

TAYLOR (Richard).

See Annals and magazine of natural history, ser. 2–3.

See Philosophical magazine, 1827–58.

Tea. (*See also* Thein.)

LETSOM (J. C.), Natural history of the tea-tree, with observations on medical qualities of tea, and effects of tea-drinking, 1772.

ROYLE (J. F.), Report on culture in the Himalayas, [1849].

WANKLYN (J. A.), Tea, coffee, and cocoa analysis, 1874.

WEYRICH (R.), Ein Beitrag zur Chemie des Thees, *etc.*, 1872.

Technologist, The: a monthly record of science applied to art, manufacture, [and culture]; edited by P. L. Simmonds, [E. Spratt, G. Y. Hunter, and J. B. Hopkins]. London, 186[0–7]. Vol. 1–6; vol. 7, nos. 1–7, 9–12; pl.

Note.—Vol. 7 is also v. 1 of a new series; it had several changes in the latter part of its title, being finally styled "a monthly magazine of general information."

Technology, Chemical. *See* Chemistry.

TEDDER (Henry R.).

See CONFERENCE OF LIBRARIANS, Transactions and proceed., 1878.

See LIBRARY ASSOCIATION OF THE UNITED KINGDOM, Trans., 1879.

Teeth, Dental science, *etc.* (*See also* Anæsthesia.)

British journal of dental science, 1859–79.

COLES (O.), Manual of dental mechanics, 2nd ed., 1876.

Dental review, 1861–7.

GENERAL COUNCIL OF MEDICAL EDUCATION, Dentists register, 1879.

HARDING (T. H.), Toothache and other affections of the teeth relieved by the electric cautery, 2nd ed., 1859.

NATIONAL DENTAL HOSPITAL AND COLLEGE, [Report, *etc.*, 1879].

ODONTOLOGICAL SOC. OF GT. BR., Transactions, 1857–[63, '67–80].

— Report, and resolutions, 1858.

— List of members, 1871, 1873, 1875–6.

— Catalogue of the museum, 1872.

— Inaugural address, by E. Sercombe, president, on opening the new premises of the Dental Hospital of London, 1874.

PRÉTERRE (A.), Les dents, traité des maladies, 7^e éd., 1872.

ROBERTSON (W.), Practical treatise on diseases of the teeth, 1835.

STOCKEN (J.), Elements of dental matière medica and therapeutics, with pharmacopœia, 1877; 2nd ed., 1878.

TOMES (J.), System of dental surgery, 1859; 2nd ed., 1873.

Telegraphy. (*See also* in works on Electricity.)

PREECE (W. H.) & J. SIVEWRIGHT, Telegraphy, 2nd ed., 1876.

SABINE (R.), Telegraphy, 2nd ed., 1877.

- Telescope, Achromatic.** ROSS (A.), Practical observations, 1840.
- Tenia.** FRANCE, Account of the tenia or long tape worm, 1777.
- TENNANT (James).** Gems and precious stones. (*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS*, Lectures on results of the Great Exhibition, 2nd ser., 1853, p. 73–104.)
- Teratology.** MASTERS (M. T.), Vegetable teratology, 1869.
- Terebinthaceæ.** COLEBROOKE (H. T.), On Boswellia and certain Indian terebinthaceæ, [1827].
- Terra.** EVELYN (J.), Silva, ... Terra, essay of earth, [3 ed.,] 1706.
- Tetanus.** FRASER (T. R.), Investigation into tetanic symptoms produced by atropia in cold-blooded animals, 1869.
- Text-books of science,** [edited partly by T. M. Goodeve, and partly by C. W. Merrifield]. (*See the respective authors.*)
- ABNEY (W. de W.), Treatise on photography, 1878.
 - ANDERSON (J.), Strength of materials and structures, 3rd ed., 1876.
 - ARMSTRONG (H. E.), Introduction to organic chemistry, 1874.
 - BARRY (J. W.), Railway appliances, 1876.
 - BLOXAM (C. L.), Metals, 2nd ed., 1871, (*see in additions*).
 - GOODEVE (T. M.), Elements of mechanism, [3rd ed.,] 1870.
— Principles of mechanics, 2nd ed., 1876.
 - GORE (G.), Art of electro-metallurgy, 1877.
 - HUNTER (Rev. J.), Key to Merrifield's Technical arithmetic, etc., 1873.
 - JENKIN (F.), Electricity and magnetism, 1873.
 - MAXWELL (J. C.), Theory of heat, 1871.
 - MERRIFIELD (C. W.), Technical arithmetic and mensuration, 1872.
 - MILLER (W. A.), Introduction to inorganic chemistry, new ed., 1871.
 - PREECE (W. H.) & J. SIVEWRIGHT, Telegraphy, 2nd ed., 1876.
 - RUTLEY (F.), Study of rocks, elementary text-book of petrology, 1879.
 - SHELLEY (C. P. B.), Workshop appliances, 3rd ed., 1876.
 - THOMÉ (O. W.), Text-book of structural and physiological botany, 1877.
 - THORPE (T. E.), Quantitative chemical analysis, 1873.
— & M. M. P. MUIR, Qualitative chemical analysis, 1874.
 - TILDEN (W. A.), Introduction to chemical philosophy, 1876.
 - UNWIN (W. C.), Elements of machine design, 1877.
 - WATSON (H. W.), Elements of plane and solid geometry, 1871.
- Thames, River.**
- GLASSFORD (C. F. O.), Town excreta, its utilization, etc., 1858.
 - Our water supply, the fitness of T. ... for domestic use, 1880.
- Thebain.** SCHMEMANN (B.), Beiträge zu dem gerichtlich-chemischen Nachweis des Thebain's in thierischen Flüssigkeiten, etc., 1870.
- Thein.** WÜRTHNER (R.), Die quantitative Bestimmung des Theins in den Theeblättern, [1871 ?].
- THENARD (Baron Louis Jacques).**
- Essay on chemical analysis: chiefly translated from the fourth volume of the *Traité de chimie élémentaire*, with additions, by J. G. Children. London, 1819. 18 + 496 p. + 4 tab. + 2 pl.
 - See also Annales de chimie.*
- THEOBALD (John).** *See Medulla medicinæ universæ*, 4th ed., 1752.

Theobromin. DRAGENDORFF (G.), Einige Notizen über T., [1878].

Theology, Natural.

See **Actonian prize**: FOWNES (G.) ; JONES (T. W.).

See **Bridgewater treatises** on power, wisdom, & goodness of God.

See PALEY (W.), **Natural theology illustrated with notes, etc.**, 1835.

THEOPHRASTOS *Eresios, or THEOPHRASTUS.*

Calendar of Flora, at Athens. (*In STILLINGFLEET, B., Miscellaneous tracts*, 2nd ed., 1762, p. 319–27.)

Opera, quæ supersunt, omnia; Græce recensuit, Latine interpretatus est, indices rerum et verborum absolutissimos adjecit F. Wimmer. Parisiis, 1866. 4 + 28 + 548 p.

Historia plantarum.—De causis plantarum.—Deperditorum scriptorum excerpta et fragmenta.

Theory and practice of bleaching with oxymuriatic acid; by a chemist. Edinburgh, 1819. 88 p.

Theory and practice of chirurgical pharmacy: comprehending a dispensatory for surgeons, etc. London, 1761. 24 + 488 p.

Therapeutics. See **Materia medica and Therapeutics**.

Thermodynamics and Thermometer. See **Heat** ;—**Physics**,

THIBAUT (Pierre). Art of chymistry, as now practised, translated [from the French] by a F. R. S. London, 1668. 30 + 286 p.

THIBIERGE (Ad.) & Dr. REMILLY. De l'amidon du marron d'Inde ou des féculles amylocées des végétaux non alimentaires. Deuxième édition. Paris, 1857. 4 + 4 + 140 p. + 4 pl.

THIERSANT (Dabry DE). See SOUBEIRAN (J. L.) & D. DE T., La matière médicale chez lez Chinois, 1874.

THILORIER (M.). See CHEVALLIER (J. B. A.), Notice sur la rupture de l'appareil de T. pour la prép. de l'acide carbonique, 1841.

THIMM's (Franz) series of European grammars. (See authors.)

LÉNSTRÖM (C.), New method of learning Swed. language, 3rd ed., 1878.

LUND (H.), New method of learning Dan. and Norw. lang., 4th ed., 1877.

THOMAS (Ern. C.). See LIBRARY ASSOC. OF U. KINGDOM, Trans., 1879.

THOMAS (Llewelyn). Brief considerations on diseases of the ear: 1, In relation to life assurance ; 2, On the necessity for their early treatment in childhood. Second edition. London, 1876. 32 p.

THOMÉ (Otto Wilhelm). Text-book of structural and physiological botany; translated and edited by A. W. Bennett. London, 1877. 12 + 480 p. + col. map. (Text-books of science.)

THOMPSON (John Ashburton). Free phosphorus in medicine: with special reference to neuralgia. London, 1874. 12 + 276 p.

THOMSON (Alexander).

Enquiry into the nature, causes, and method of cure, of nervous disorders. Third edition. London, 1782. 4 + 44 p.

Family physician; or, Domestic medical friend. London, 1801. 12 + 576 p.

THOMSON (Allen). *See QUAIN (J.), Elem. of anatomy, 8th ed., 1878.*
THOMSON (Anthony Todd).

Conspectus of the pharmacopœias of London, Edinburgh, and Dublin; being a compendium of *materia medica* and *pharmacy*. London, 1810. 36 + 284 p.

Same. Eleventh edition. London, 1838. 24 + 198 p.

Same. Adapted to the British pharmacopœia, by E. L. Birkett; new edition. London, 1874. 4 + 26 + 248 + 4 p.

London dispensatory: a synopsis of *materia medica*, *pharmacy*, and *therapeutics*. London, 1814. 2 + 130 + 793 p. + 5 pl.

Same. New edition. London, 1824. 16 + 962 p. + 7 pl.

Same. Tenth edition. London, 1844. 16 + 1318 p.

Same. Eleventh ed., by A. B. Garrod. Lond., 1852. 12 + 1232 p.

Elements of *materia medica* and *therapeutics*. Lond., 1832-3. 2 v.

Same. Third edition. London, 1843. 26 + 144 + 1232 p.

Domestic management of the sick-room. Second edition. London, 1845. 12 + 544 p.

See also **LONDON** medical repository, 1814-7.

See also UNIVERSITY COLLEGE, LONDON, Pharmacopœia, 1828.

THOMSON (George).

Galeo-pale: or, Chymical trial of the Galenists, that their dross in physick may be discovered. London 1665. 16 + 120 p.

Plano-pnigmos: or, Gag for Johnson that published animadversions upon Galeo-pale, and scourge for Galen; [with Epistolar discourse, by G. Starkey]. London, 1665. 64 p.

Note.—The Epistolar discourse has a separate title-page.

THOMSON (John). New general atlas of the world, [with memoir of the progress of geography]. Edinburgh, 1821. 4 + 24 + 22 p. + 86 maps and pl. *

THOMSON (John), M.D. *See ROYAL COLLEGE OF PHYSICIANS OF LONDON*, Pharmacopœias of London, Edin., and Dublin, transl., 1815.

THOMSON (Robert Dundas). Sketch of the recent progress of physical science. [22] p. (*In Popular encyclopedia*, 1862, vol. 1.) *

THOMSON (Thomas).

System of chemistry. Edinburgh, 1802. 4 vol., 4 pl.

Same. Second edition. Edinburgh, 1804. 4 vol., 4 pl.

Note.—Of v. 2-4, 2 copies; 1 copy of v. 2 wants p. 590-6 and pl. 2.

Same. Third edition. Edinburgh, 1807. 5 vol., 4 pl.

Same. Fourth edition. Edinburgh, 1810. 5 vol., 4 pl.

Same. Fifth edition. London, 1817. 4 vol.

Note.—Portion of preface in vol. 1 wanting.

Same. Sixth edition. London, 1820. 4 vol.

Same. Inorganic bodies; seventh edition. London, 1831. 2 v.

THOMSON (Thomas)—*continued.*

- Chemistry of organic bodies; vegetables. Lond., 1838. 16 + 1076 p.
 Chemistry of animal bodies. Edinburgh, 1843. 10 + 702 p.
 History of chemistry. Lond., 1830–1. 2 vol., por. of J. Black.
 Outline of the sciences of heat and electricity. Second edition.
 London, 1840. 14 + 586 p. + 3 pl.
 Sketch of the progress of physical science. 54 p. (*In Popular encyclopedia, new ed., 1862, vol. 1.*) *

See also Annals of philosophy, 1813–20.
See also ROYAL SOCIETY OF LONDON, History of the R. S., 1812.

THOMSON (Sir William). *See Philosophical magazine, 1871–9.*
 — & P. G. TAIT. Elements of natural philosophy; part 1.
 Oxford, 1873. 8 + 280 + 16 p. (Clarendon press series.)

THOMSON (Sir Wyville T. C.). *See Natural history review, 1861–2.*

THOREY (Ernst). Über die zweckmässigste Darstellungsweise und
 die Constitution des Hyoscyamins, eventuell über die Beziehungen
 des Alkaloides zu dem Salpetergehalte der Pflanze. [St. Peters-
 burg, 1869.] 60 p., n. t.-p. (Kais. Univ. Dorpat, Untersuchung.)

THORN (James). Observations on the treatment of gonorrhœa by
 a preparation from the balsam of copaiba. London, 1827. 60 p.

THORNTON (Robert John).

New family herbal: popular account of plants used in medicine,
 diet, and arts; plants drawn by Henderson, and engraved on
 wood by T. Bewick. London, 1810. 16 + 902 p. 2 copies.

Elements of botany. London, 1812. 2 vol., 198 pl.

Grammar of botany. Second ed. Lond., 1814. 4 + 238 p. + 45 pl.

THOROWGOOD (John Charles). Student's guide to materia medica
 of the British pharmacopœia. London, 1874. 16 + 320 p.

THORPE (Thomas Edward). Quantitative chemical analysis. Lon-
 don, 1873. 12 + 388 p. (Text-books of science.)

— & M. M. P. MUIR. Qualitative chemical analysis and labora-
 tory practice. London, 1874. 16 + 238 + 2 p. + 1 col. pl. (Text-
 books of science.) 2 copies.

Throat diseases.

DOBELL (H.), On winter cough, bronchitis, etc., 3rd ed., 1875.

GREENHOW (E. H.), On chronic bronchitis, 1869.

HOSPITAL FOR DISEASES OF THE THROAT, *London*, Pharmacopœia,
 ed. by M. Mackenzie, 1872; 2nd ed., 1873; 3rd ed., 1876.

HUXHAM (J.), Essay on fevers, to which is added, Dissertation on
 the malignant, ulcerous sore-throat, 4th ed., 1764.

PENROSE (F.), Dissertation on the inflammatory, gangrenous, and
 putrid sore throat, 2nd ed., 1768.

SCUDAMORE (C.), Cases illustrative of the efficacy of medicines
 administered by inhalation in consumption, etc., 1830.

Throat diseases—continued.

- SKEETE (T.), Experiments on Peruvian bark, nature and mode of treatment of fevers, putrid sore-throat, etc., 1786.
- WHITE (T.), *Dissertatio de cynanche tracheali*, 1786.
- THUCYDIDES. Account of the Plague of Athens. (*In HIPPOCRATES, Upon air, water, and situation, etc., 1734, p. 95–100.*)
- THUDICHUM (John Louis William). Manual of chemical physiology, including its points of contact with pathology. London, 1872. 8 + 196 p.
- Annals of chemical medicine, including the application of chemistry to physiology, pathology, therapeutics, pharmacy, toxicology, and hygiene; edited by J. L. W. T. Lond., 1879. Vol. 1.
- & A. DUPRÉ. Treatise on the origin, nature, and varieties of wine: a manual of viticulture and œnology. London, 1872. 24 + 760 p. + 1 col. map.
- THWAITES (George Henry Kendrick) & J. D. HOOKER. *Enumeratio plantarum Zeylaniæ: an enumeration of Ceylon plants.* London, 18[58–]64. 8 + 484 p.
- TIDY (Charles Meymott). Handbook of modern chemistry, inorganic and organic. London, 1878. 16 + 782 p.
- TIERSOT fils (H.). Observations sur l'emploi de l'oxide de fer contre l'empoisonnement par l'acide arsénieux. Paris, 1840. 32 p.
- TILDEN (H. A.). See *Journal of materia med.*, 1859–62, 1867–76.
- TILDEN (William Augustus). Introduction to the study of chemical philosophy; the principles of theoretical and systematic chemistry. London, 1876. 16 + 280 + 8 p. (Text-books of science.) 2 copies.
- Theory of solution and crystallisation. Bristol, [1878]. [18] p.
- TILLMAN (S[amuel] D.). New chemical nomenclature. [Albany, 1866.] 24 p., n. t.-p.
- TILLOCH (Alexander). See *Philosophical magazine*, 1814–7.
- Timber. See *Forestry and Forests;—Trees;—Wood*.
- Tin plate working. GRAHAM (W.), Brass founding, etc., 2 ed., 1876.
- Tineina. STAINTON (H. T.), *Insecta Britannica, lepidoptera*, 1864.
- Tinnevelly. SOUBEIRAN (J. L.) & A. A. DELONDRE, *De la pêcherie d'huîtres perlières et de la culture artificielle*, [1867].
- TISON (E.). See BAILLON (H. E.), *Dictionn. de botanique*, 1876–9.
- TISSOT (Simon André D.). Advice to the people with regard to their health; translated from the French, with notes, by J. Kirkpatrick. London, 1765. 32 + 612 p., wanting p. 27–8 of preface.
- Same. Third edition. London, 1768. 36 p. + p. 1–608.
- Practical observations on small pox, apoplexy [and paralytic disorders], dropsy, [and nervous cholic]. Lond., 1772. 2 + 214 p.

Title-slip registry: supplementary to the Library journal. New York, [1879]. Vol. 1, *n. t.-p.*, all published.

Tobacco. DUNNING (J.), Tobacco, 2nd ed., 1877.

TOBIEN (Alexander). Beiträge zur Kenntniss der Veratrum-Alkalioide; Diss. Dorpat, 1877. 40 p. (Kais. Universität Dorp.)

TODD (Rev. John). Student's manual: designed to aid in forming and strengthening the intellectual and moral character and habits of students in all professions; with preface by the Rev. T. Binney. New edition. London, [187-?]. 20 + 284 p.

TODHUNTER (Isaac). Natural philosophy for beginners, with examples. London, 1877. Pts. 1-2.

1. Properties of solid and fluid bodies.—2. Sound, light, and heat.

TOGNO (Joseph). See EDWARDS (H. M.) & P. VAVASSEUR, Manual of *materia medica* and *pharmacy*, translated, 1829.

Toilet of Flora; or, Collection of methods of preparing baths, essences, etc. New edition. London, 1784. 20 + 252 p.

Tokay, Cépages de. SOCIÉTÉ D'ACCLIMATATION, Paris, Rapport sur la culture de cépages en France, par J. L. Soubeiran, [1868].

Tokio, Japan. See IMPERIAL COLLEGE OF AGRICULTURE.

TOMES (Charles Sissmore). See TOMES (J.), System of dental surg.

TOMES (John).

System of dental surgery. London, 1859. 8 + 600 p.

Same. By J. and C. S. T.; second ed. Lond., 1873. 8 + 748 p.

TOMLINSON (Charles). Experimental essays: On the motions of camphor on water; On the motion of camphor towards light; History of the modern theory of dew. London, 1863. 4 + 128 p.

TOMLINSON (Richard). See RENOU (J. DE), or J. RENODÆUS, Medicinal dispensatory, 1657.

TOMMASI (Donato).

Sur [l'acétate de sodium] un nouveau dissolvant de l'iode plombique et de son application à la pharmacie. Paris, 1872. 8 p.

Azione dei raggi solari sui composti aloidi d'argento. [Milano, 1878.] 8 p., *n. t.-p.*

Riduzione del cloralio. [Milano, 1878.] 10 p., *n. t.-p.*

Riduzione del cloruro di argento e del cloruro ferrico. [Milano 1878.] 10 p., *n. t.-p.*

Note.—See also POGGIALE (A. B.), Réduction du chlorure d'argent, 1879.

Nuove prove in conferma alla teoria termica sullo stato nascente dell'idrogeno. Firenze, 1879. 4 p.

Recherches sur la constitution des hydrates ferriques. [Florence, 1879?] 8 p.

Ricerche sulle formole di costituzione dei composti ferrici; parte prima, Idrati ferrici. Firenze, 1879. 32 p.

TOMMASI (Donato)—*continued.*

Sull'equilibrio termico nelle azioni chimiche. Firenze, 1879. 16 p.

Sulla non esistenza dell'idrogeno nascente; parte quinta,

Riduzione del perclorato potassico. Firenze, 1879. 8 p.

Sur la non existence de l'hydrogène naissant; première partie,

Réduction du chlorate de potasse. Florence, 1879. 8 p.

Same. 5^e partie, Réduction du perchlorate de potasse. [St.-

Denis? 1879.] 4 p., n. t.-p.

Tonics, Indian. WARING (E. J.), Notes on some tonics, [1858].

Tools. See **Machinery and Tools.**

Tooth. See **Teeth.**

Topographical dictionary of England, and the islands of Guernsey, Jersey, and Man. See LEWIS (S.), 2nd ed., 1833.

Tortoise, Torpidity of. MURRAY (J.), Experimental researches, 1826.

Tourist's flora. See WOODS (J.), 1850.

TOURNEFORT (Joseph Pitton DE).

Materia medica; a description of simple medicines, with appendix, showing the nature and use of mineral waters; translated [from the French?]. London, 1708. 20 + 416 p.

See also POMET [(P.)], Compleat history of druggs, 3rd ed., 1737.

Toxicology. (See also **Jurisprudence**, and individual poisons.)

ALLEN (J.), Synopsis medicinæ, with treatise on poisons, 1761.

BLYTH (A. W.), Manual of practical chemistry, the analysis of foods and the detection of poisons, 1879.

BOUCHARDAT (A.), Nouveau formulaire magistral, notions sur l'emploi des contrepoisons, etc., 2me éd., 1843; 17me éd., 1872.

BROWN (T. E. B.), Description of the symptoms and treatment of poisons used in the Punjab, 1863.

CARR (H.), Poisons in domestic fabrics, 1880.

CHEVALLIER (J. B. A.), Traité de toxicologie, 1868.

— & J. BOYS DE LOURY, Essais sur les moyens ... de rendre moins fréquent le crime d'empoisonnement, 1835.

—, M. J. B. ORFILA, & C. P. OLLIVIER, Triple accusation d'empoisonnement, [1842].

CHRISTISON (R.), Treatise on poisons, 3rd ed., 1836.

DORVAULT (F. L. M.), L'Officine, contenant ... la pharmacie légale, la toxicologie, etc., 1844; 3 ed., 1850; 6 éd., 1866; 8 éd., 1872.

DRAGENDORFF (G.), Beiträge zur gerichtlichen Chemie einzelner organischer Gifte, 1872.

— Die gerichtlich-chemische Ermittelung von Giften, 2e Aufl., 1876.

— Fr., Manuel de toxicologie, traduit par E. Ritter, 1873.

FOY (F.), Formulaire des médecins praticiens, contenant ... les secours à donner aux empoisonnés, 4me éd., 1843.

Toxicology—continued.

- GILLE (A.), Falsifications des substances alimentaires, suivi[es] d'un tableau indiquant les empoisonnements et les secours à donner aux personnes empoisonnées, 1853.
- HORSLEY (J.), Toxicologist's guide, 1866.
- Jahresbericht über die Fortschritte der Pharmacognosie, Pharmacie und Toxicologie [für] 1866[-78].
- Journal de chimie médicale, etc., 1825-37, 1839-47, 1857-70.
- MEAD (R.), Mechanical account of poisons, 1702; 3rd ed., 1745.
- MORGAN (J.) & T. ADDISON, Essay on the operation of poisonous agents upon the living body, 1829.
- MORRIS (J.), Germinal matter and the contact theory, essay on the morbid poisons, 2nd ed., 1867.
- ORFILA (M. J. B.), Traité de toxicologie, 4me éd., 1843.
— Eng., Treatise on poisons, tr. by J. A. Waller, 2nd ed., 1818.
- PLENCK (J. J. v.), Toxicologia, de venenis et antidotis, 1785.
- POUCH-LAFARGE (M. F.), Procès de Mme. L., empoisonnement [de son mari], 1840.
- ROQUES (J.), Phytographie médicale, histoire des substances héroïques et des poisons tirés du règne végétale, nouv. éd., 1835.
- TAYLOR (A. S.), On poisons, 2nd ed., 1859; 3rd ed., 1875.
- VICTORIA, PHARMACY BOARD, Pharmacy act, Poisons act and regulations, [1877?].
- WORMLEY (T. G.), Micro-chemistry of poisons, 1867.
- TOXITES (Michael). See LULLIUS (R.), Libelli chemici, 1600.
- Toys. BARTLEY (G. C. T.), Toys, 2nd ed., 1877.
- Tractors, Fictitious. See HAYGARTH (J.), Of the imagination, 1800.
- Trade. See Commerce or Trade.
- Tramways. CLARK (D. K.), Railways, Tramways, 2nd ed., 1877.
- Travel. (See also various names of places.)
DAVY (H.), Collected works, 1839-40, v. 9, Consolation in travel.
LINNÉ (C. v.), formerly LINNÆUS, Oration concerning travelling in one's own countrey, 1762.
- Treasury of knowledge. See MAUNDER (S.), 14th ed., 1843.
- Trees. (See also Agriculture;—Botany;—Forestry and Forests;—Horticulture.)
COULTAS (H.), What may be learned from a tree, 1860.
DECAISNE (J.) & C. NAUDIN, Handbook of hardy trees, 1877.
EVELYN (J.), Silva, a discourse of forest trees, [4th ed.,] 1706.
JOHNS (C. A.), Forest-trees of Britain, [1869?].
SCOTTISH ARBORICULTURAL SOCIETY, Address by H. Cleghorn, 1874.
TREUMANN (C.). See DRAGENDORFF (G.), Einige Notizen über Theobromin, 1878.
- TRIER (S. M.). See Archiv for Pharmaci og techn. Chemi, 1859-79.

Trigonometry.

GRiffin (W. N.), Elements of algebra and trigonometry, 1871.

— Notes on the Elements of algebra and trigonometry, 1872.

TRIMEN (Henry).

See BENTLEY (R.) & H. T., Medicinal plants, 1875–80.

See Journal of botany, British and foreign, 1870–9.

— & W. T. T. DYER. Flora of Middlesex: a topographical and historical account of plants found in the county; with sketches of its physical geography and climate, and of the progress of Middlesex botany. London, 1869. 44 + 428 p. + 1 col. map.

Trimethylamine. PETIT (A.), De la triméthylamine au point de vue chimique et pharmaceutique, 1873.

TRINIDAD. COMMISSION FOR THE PARIS EXHIBITION OF 1867. Catalogue of the articles contributed; with an introductory sketch of the colony, by J. Court. Paris, 1867. 24 p.

TROJANOWSKY (Piers). Ein Beitrag zur pharmakognostischen und chemischen Kenntniss des Cacaos; Inaugural-Dissertation. Dorpat, 1875. 72 p. + 1 tab. (Kaiserliche Universität Dorpat.)

TROTTER (Thomas). Observations on the scurvy, and the approved method of cure. [Second] edition. London, 1792. 4 + 244 p.

TROUSSEAU (A.) & H. PIDOUX.

Traité de thérapeutique et de matière médicale. Bruxelles, 1837–9.

3 pts., bound in 1 vol.

Same. Septième édition. Paris, 1862. 2 tomes.

See also FLEMING (A.), Classification of materia medica, 1850.

TRUMAN (Matthew). Food, and its influence on health and disease. London 1842. 8 + 240 p.

TUFF (John). Historical, topographical, and statistical notices of Enfield, Middlesex. Enfield, 1858. 232 p. + 1 map + 1 pl.

TURNBULL (A.). Treatment of diseases of the eye, by means of prussic acid vapour, etc. London, 1843. 6 + 96 p. + 1 pl.

TURNER (Edward).

Elements of chemistry. Fifth edition. Lond., 1834. 20 + 1066 p.

Same. Sixth edition, by J. Liebig and W. G. Turner. London, 1837. Part 2 (or pages 411–734).

Same. Seventh edition, by J. Liebig and W. Gregory. London, 1842. 18 + 1274 p.

TURNER (Wilton G.). *See* TURNER (E.), Elem. of chem., 6 ed., 1837.

Turpentine.

FRONSAC (A.), Étude sur les térébinthines et spécialement sur le térébinthine de Bordeaux, 1877.

MOREL (J.), Turpentine ... of the coniferæ, [1877–9].

VARLEY (C.), Improvements in the vial microscope, [Circulation in oil of turpentine, etc.,] 1834.

TUSON (Richard V.).

Pharmacopœia, including the outlines of *materia medica* and therapeutics, for practitioners and students of veterinary medicine. London, 1869. 8 + 312 p.

Same. Second edition. London, 1874. 10 + 342 p.

See also COOLEY (A. J.), Cyclopædia of practical receipts, 5th ed., 1872; 6th ed., 1878–80.

See also Veterinarian, 1865–7.

TUTHILL (Sir George Leman). *See ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia, translated, 1824.*

TWEMLOW (Francis Ernest). Ozone. [London, 1875.] [8] p.

TWINING (Thomas). Science made easy: a series of popular lectures on the elements of scientific knowledge. London, 1876. Pts. 1–4.

Tympanum. PILCHER (G.), On some points in the physiology, 1854.

TYNDALL (John).

On the importance of the study of physics. (*In ROYAL INSTITUTION, Lectures on education, 1855, p. 169–211.*)

Heat considered as a mode of motion. Second edition. London, 1865. 20 + 532 p.

Same. Fifth edition. London, 1875. 20 + 556 p. + 1 pl.

Sound. Second edition. London, 1869. 16 + 344 p. + por.

Contributions to molecular physics in the domain of radiant heat. London, 1872. 16 + 448 p. + 2 pl.

Six lectures on light. London, 1873. 14 + 278 p. + 1 pl.

Fragments of science. Sixth ed. London, 1879. 2 vol., 1 pl.

See also FARADAY (M.), F. as a discoverer, 1868.

See also Philosophical magazine, 1854–63.

Typhlology. LEVY (W. H.), Blindness and the blind, 1872.

Typhoid fever. BALLARD (E.), On a localised outbreak in Islington, traced to the use of impure milk, 1871.

Typho-malarial fever. UNITED STATES, ARMY MEDICAL DEPARTMENT, [Pamphlets in connection with exhibit, Int. Exh., 1876, no. 11,]

Typho-malarial fever, Is it a special type? by J. J. Woodward.

Typhus. WOOD (James), Thoughts on the effects of the application and abstraction of stimuli on the human body, 1793.

Umbelliferæ. (*See also Gum resins.*)

DÉNIAU (P. C. F.), Le silphium, asafoetida, précédé d'un mémoire sur la famille des ombellifères, 1868.

Union pharmaceutique. *See PHARMACIE CENTRALE DE FRANCE, 1860–71.*

UNITED KINGDOM. *See GREAT BRITAIN AND IRELAND.*

UNITED SOCIETY OF CHEMISTS AND DRUGGISTS, London. Deputation to the Pharmaceutical Council in reference to an amended Pharmacy act. London, 1867. 30 p.

UNITED STATES OF AMERICA. Agriculture. See U. S., DEPARTMENT OF AGRICULTURE.

—. ARMY MEDICAL DEPARTMENT.

[Pamphlets issued in connection with the exhibit of the Hospital of the Medical Department, International Exhibition of 1876.]

Washington [and Philadelphia], 1876. Nos. 1-7, 9-12.

[1.] List of skeletons and crania in the U. S. Army Medical Museum, [by H. C. Yarrow].

2. Description of models of hospital cars, by J. J. Woodward.

3. Description of models of hospitals, by J. J. Woodward.

4. Description of models of hospital steam-vessels, by J. J. Woodward.

5. Description of Perot & Co.'s medicine wagon and mess chest.

6. Description of transport cart, by D. L. Huntington and G. A. Otis.

7. Description of [surgical] specimens, by G. A. Otis.

9. List of microscopical preparations, [by J. J. Woodward].

10. Description of [medical] specimens, [by J. J. Woodward].

[11.] Typho-malarial fever : Is it a special type of fever? being remarks introductory to the discussion of the question in the section of medicine, International Medical Congress, by J. J. Woodward.

[12?] The medical staff of the U. S. army and its scientific work ; an address to the International Medical Congress, by J. J. Woodward.

—. Botany.

DARBY (J.), Botany of the southern [United] States, 1857.

GRAY (A.), Manual of botany of northern U. S., 5th ed., 1872.

—. BUREAU OF EDUCATION, DEPARTMENT OF THE INTERIOR.

Public libraries in the U. S. of A. ; their history, condition, and management ; special report. Washington, 1876. Part 2.

Rules for a printed dictionary catalogue, by C. A. Cutter. 90 p.

Contributions to history of medical education and medical institutions in the U. S. of A., 1776-1876 ; special report, prepared by N. S. Davis. Washington, 1877. 60 p.

—. DEPARTMENT OF AGRICULTURE.

[Annual] report of commissioner, 1872[-8]. Wash., 1874-8. 7 v., pl.

Report upon forestry, prepared under the direction of the commissioner, by F. B. Hough. Washington, 1878. 650 p.

—. DEPARTMENT OF THE INTERIOR. See U. S., BUREAU OF EDUCATION.

—. Dispensatory. See WOOD (G. B.) & F. BACHE, 5 ed., 1843; 7 ed., 1847; 9 ed., 1851; 11 ed., 1858; 12 ed., 1865; 14 ed., 1877.

—. Forestry. See U. S., DEPARTMENT OF AGRICULTURE.

—. Libraries. See U. S., BUREAU OF EDUCATION.

—. Medicine. See U. S., ARMY MEDICAL DEPARTMENT;—BUREAU OF EDUCATION;—SURGEON-GENERAL'S OFFICE.

—. NAVY DEPARTMENT. Naval hygiene, by J. Wilson; with an appendix : Moving wounded men on shipboard, by A. C. Gorgas. Washington, 1870. 234 p.

—. Pharmacopœia. See NATIONAL CONVENTION FOR REVISING THE PHARMACOPŒIA, Washington, 1842, 1851, 1855, 1864, 1873.

UNITED STATES OF AMERICA—*continued.*

—. **Rebellion.** *See U. S., SURGEON GENERAL'S OFFICE.*

—. **SANITARY COMMISSION.**

Bulletin, [1863–5]. New York, 1866. 3 vol. *in 1.*

Documents, nos. 1[–95]. New York, 1866. Vol. 1–2.

—. **SMITHSONIAN INSTITUTION.** *See under SMITHSONIAN INST.*

—. **SURGEON GENERAL'S OFFICE.**

Reports on the extent and nature of materials available for a medical and surgical history of the Rebellion; [by G. A. Otis and J. J. Woodward. Washington,] 1865. 2 + 166 p. + 9 pl.

Annual report of surgeon general. [Wash.,] 1866. 2 + 8 + 8 p.

Report on amputations at the hip-joint in military surgery; [by G. A. Otis]. Washington, 1867. 88 p. + 9 pl.

Report on epidemic cholera in the army of the U. S., during 1866; [by J. J. Woodward]. Washington, 1867. 18 + 66 p.

Report on epidemic cholera and yellow fever in the army, during 1867; [by J. J. Woodward]. Washington, 1868. 40 + 156 p.

Report on excisions of the head of the femur for gunshot injury; [by G. A. Otis]. Washington, 1869. 144 p. + 3 pl.

Medical and surgical history of the War of the Rebellion, 1861–5; [by J. J. Woodward and G. A. Otis]. Washington, 1870–9. 2 parts *in 4 vol.*; col. pl., phot., and maps.

Pt. 1. Medical, v. 1, by J. J. W., 1870; Surgical, v. 1, by G. A. O., 1870.

Pt. 2. Surgical, [v. 2,] by G. A. O., first issue, 1876; Medical, [v. 2,] by J. J. W., second issue, 1879.

Report on barracks and hospitals, with descriptions of military posts; [by J. S. Billings]. Wash., 1870. 34 + 494 p. + 12 pl.

Report of surgical cases in the army of the U. S., 1865–71; [by G. A. Otis]. Washington, 1871. 296 p. + 4 pl.

Report on the hygiene of the U. S. army, with descriptions of military posts; [by J. S. Billings]. Washington, 1875. 60 + 568 p. + 14 pl. and maps.

Report on the transport of sick and wounded by pack animals by G. A. Otis. Washington, 1877. 6 + 34 p.

—. **WAR DEPARTMENT.**

Report of the secretary of war, *etc.* Wash., 1866. 2 + 232 p.

Signal service meteorological record, Washington, Nov. 22nd, 1872. 3 issues.

Weather map, signal service, Washington, Nov. 22nd, 1872. 3 issues.

Universities. (*See also* headings commencing “UNIVERSITY.”)

See FRIEDRICH-ALEXANDERS-UNIVERSITÄT ZU ERLANGEN.

See KAISERLICHE UNIVERSITÄT ZU DORPAT.

See KAISERLICHE UNIVERSITÄT ZU MOSKAU.

See QUEEN'S UNIVERSITY, IRELAND.

UNIVERSITY COLLEGE, LONDON.

Calendar. London, 1867-79. 13 vol.

Professorial dissertations for 1872-3. 26 p., n. t.-p.

Catalogue of books in the general library and in the south library.
London, 1879. 3 vol.

UNIVERSITY COLLEGE HOSPITAL, London. *Pharmacopœia Nosocomii Academiæ Londinensis*; [ed. A. T. Thomson?]. Lond., 1828. 40 p.

UNIVERSITY OF DURHAM. Calendar. Durh., 1869-77, '79. 10 vol.

UNIVERSITY OF DURHAM COLLEGE OF MEDICINE, Newcastle-upon-Tyne.
Prospectus. Newcastle-upon-Tyne, 1879. 32 p.

UNIVERSITY OF EDINBURGH. Calendar. Edin., 1870-2, '74, '78-9. 6 v.

UNIVERSITY OF GLASGOW. Calendar. Glasgow, 1868, '72-9. 9 vol.

UNIVERSITY OF LONDON.

Examination for matriculation. London, 1843. 2 + 58 p.

Examinations for the degree of bachelor of medicine. London,
1843. 2 + 38 p.

Examination for the degree of doctor of med. Lond., 1843. 2 + 20 p.

Regulations on examinations in medicine. Lond., 1843. 2 + 38 p.

Calendar. London, 1844, 1846-8, 1850-2, 1855-8, 1860, 1863-79.
29 vol.; of 1857, 2 copies.

UNIVERSITY OF MICHIGAN. Calendar. Ann Arbor, 1872, 1874-5. 3 vol.

UNWIN (William Cawthorne). Elements of machine design. Lon-
don, 1877. 12 + 326 + 2 p. (Text-books of science.)

Upsal. BERGER (A. M.), Calendar of Flora, Upsal, 1755.

URE (Andrew).

Dictionary of chemistry, on the basis of Nicholson's. Second
edition. London, 1824. 18 + 816 p. + 15 pl.

Note.—See also NICHOLSON (W.), Dictionary;—WATTS (H.), Dictionary.

Chemistry simplified: in its application to the testing of alkalis,
acids, and bleaching substances. [Lond., 1844.] 24 p., n. t.-p.

Recent improvements in arts, manufactures, and mines: second ed.
of suppl. to third ed. of Dictionary. Lond., 1851. 16 + 312 p.

Dictionary of arts, manufactures, and mines. Fourth edition.
London, 1853. 2 vol.

Same. Fifth edition, by R. Hunt. London, 1860. Vol. 1-2.

Same. Sixth edition, by R. Hunt. London, 1872. 3 vol. *

Same. [Seventh ed.,] by R. Hunt. Lond., 1878. V. 4 or suppl.*

Urea. SQUIBB (E. R.), Notes on the estimation of urea, 1879.

Urine, etc. (*See also Calculi and Concretions.*)

ATTFIELD (J.), Microscopical examination of sediments, [1867].

LEWIS (T. R.), On a haematozoon inhabiting human blood, its
relation to chyluria, 1872.

— Pathological significance of nematode haematozoa, 1874.

Mechanical inquiry into nature, causes, etc., of diabetes, 1745.

Urine, etc.—continued.

- NEUBAUER (C. T. L.) & J. VOGEL, Guide to analysis of u., 1863.
 Ortus sanitatis, de ... urinis et earum speciebus, 1517. *
- PETIT (A.), Conservation de l'acide cyanhydrique, ... Recherche de petites quantités d'albumine dans l'urine, 1873.
- REES (G. O.), On the analysis of blood and urine, [1836?].
- SMITH (Walt. G.), On santonin, and its detection in urine, 1870.
- WILLICH (J.), Urinarum probationes, 1582.
- Urticaceæ.** WEDDELL (H. A.), Monographie de la famille, 1856.
- USHER (W. R.). Substitute for free trade. Lond., 1844. 4 + 40 p.
- Utakamand.** MADRAS PRESIDENCY, REVENUE DEPARTMENT, Report on the Government Botanical and Horticultural Gardens, Ootacamund, [Utakamand,] for 1858[–9].
- UWINS (David). *See London medical repository*, 1818–21.

VACHER (Arthur). *See FRESENIUS (C. R.)*, Instruction in qualitative chemical analysis, 7th ed., 1869 ; 8th ed., 1872 ; 9th ed., 1876 ;— System of instruction in quantitative chemical analysis, 4th ed., 1865 ; 5th ed., 1870 ; 6th ed., 1873 ; 7th ed., 1876.

VAHL (Martin). *See LAMBERT (A. B.)*, Description of cinchona, 1797.

Valdieri. GARELLI (G.), Valdieri e le sue acque, 1855.

VALENTIN (Wm. Geo.).

Laboratory text book of practical chemistry ; or, Introduction to qualitative analysis. London, 1871. 12 + 380 p.

Introduction to inorganic chemistry. [Second edition of portion of Laboratory text book.] London, 1872. 8 + 184 p.

Same. Third edition. London, 1876. 8 + 184 p.

Course of qualitative chemical analysis. Third edition [of portion of Laboratory text book.] London, 1874. 8 + 260 p.

Twenty lessons in inorganic chemistry. London, 1879. 192 p.

VALENTINUS (Basilus), or Basil VALENTINE. Triumphant chariot of antimony, with annotations of T. Kirkringius ; with the True book of Synesius concerning the philosopher's stone ; [translated from the Latin ?]. London, 1678. 16 + 176 p. + 6 pl.

VALLET (A. G.). *See Journal de pharmacie et de chimie*, 1834–40.

Vals. LE GUILLON (Dr.), On dyspepsia, [notes on springs of V., 1869].

VAN, or VAN DER, prefixes to surnames. If not found in alphabetical order of VAN, or VAN DER, see word immediately following prefix.

VANDERCOLME (Ed.). Histoire botanique et thérapeutique des salse-pareilles ; thèse. Paris, 1870. 2 + 6 + 136 p. + 4 pl. (Faculté de médecine de Paris.)

Vanilla. DELTEIL (A.), La vanille à la Réunion, 1878.

Vapour bath. HANCOCK (J.), Notice of the ... vapour bath, [1831?].

Vargasia. *See SOCIEDAD DE CIENCIAS FISICAS Y NATUR. DE CARACAS.*

VARLEY (Cornelius). Improvements in the vial microscope ; [Note on nitella hyalina ; Circulation in oil of turpentine, spirit of wine, etc.]. London, 1834. 38 p. + 3 pl.

VARNELL (George William). *See Veterinarian*, 1865–7.

VARNHAGEN (Th. G. Fr.). *See Pharmaceutische Monathsblätter*, 1821.

Varnishes. *See St. BARTHOLOMEW'S HOSPITAL*, *Pharmacopœia*, 1773.

VAUQUELIN (Louis Nicolas).

See Annales de chimie, 1790–1815.

See Journal de pharmacie et de chimie, 1818.

VAVASSEUR (P.). *See EDWARDS* (H. M.) & P. V., *Manual of materia medica and pharmacy*, 1829 ;—*Nouveau formulaire pratique des hôpitaux*, 1841 ;—*Eng.*, *Universal pharmacopœia*, 1839.

VÉE (Amédée). *Recherches chimiques et physiologiques sur la fève du Calabar*; thèse. Paris, 1865. 34 p. (Faculté de méd. de P.)

Vegetable kingdom. *See Agriculture* ;—*Botany* ;—*Teratology, etc.*

VENABLES (Robert).

Practical directions for the preparation of aërated waters ; with observations on their efficacy. London, 1843. 112 p.

Nature and treatment of epidemic or Asiatic cholera, with directions for prevention. Fourth edition. London, 1848. 60 p.

See also CELSUS (A. C.), First four books of C., 2nd ed., 1837.

Venereal disease.

ASTRUC (J.), *Treatise on ven. dis.*, 2nd ed., by S. Chapman, 1770.

COLBORNE (R.), *Complete English dispensatory*, ... [also] history ... of the venereal disease, 1756.

COURTENAY (C. B.), *Historical and practical treatise on syphilis, &c.*, 28th ed., [183–?].

HOCKEN (E. O.), *On the comparative value of the preparations of mercury and iodine in syphilis*, [1844?].

PEARSON (J.), *Observations on the effects of various articles of the materia medica, in the cure of lues venerea*, 1800.

SMYTH (J. H.), *New treatise on the ven. dis., etc.*, 16th ed., 1778.

SWEDIAUR (F.), *Practical observations on ven. complaints*, 1787.

THORN (J.), *Observations on the treatment of gonorrhœa by a preparation from the balsam of copaiba*, 1827.

Venezuela.

BENÍTES (J. M.), *Principios para la materia médica*, 2a ed., 1869.

POMPA (G.), *Colección de medicamentos indígenas*, 4a ed., 1868.

VENTENAT (Etienne Pierre). *See BULLIARD* (P.), *Herbier de la France*, 2e division, *Histoire des champignons*, 1791–1812.

Veratria, or Veratrin. (*See also Sabadilla* ;—*Veratrum*.)

MASING (E.), *Zur quantitativen Bestimmung des Veratrins*, [1876].

MASING (P. G. A.), *Beiträge für den gerichtlich-chemischen Nachweis des Veratrins in thierischen Flüssigkeiten, etc.*, 1868.

- Veratrum.** TOBIEN (A.), Beiträge zur Kenntniss der Veratrum-Alkaloide, 1877.
- VERDET** (E.?). *See Annales de chimie et de physique*, 3–4me sér.
- VERDIER** (Antony DU or César?). Abstract of the anatomy of the human body; translated from the French, by D. Ingram. London, 1753. 2 + 16 + 276 p.
- VERGANI** (Angelo). Italian and English grammar; from V.'s Italian and French grammar. New edition, by Piranesi; arranged in Eng. and Ital., with additions, by Guicheney. Lond., 1820. 8 + 216 p.
- VERGILIUS MARO** (Publius). Bucolica, Georgica, Aeneis: works of Virgil, with commentary and appendix, by B. H. Kennedy. London, 1876. 2 + 42 + 644 p. + 2 maps.
- VER HUELL** (Quirijn Mauritz Rudolph). *See ACADEMIA CÆS.*
- LEOP.-CAR. NATURÆ CURIOS., Nova acta, 1846, vol. 21, suppl.
- VERNE** (Claude). Étude sur le boldo; thèse. Paris, 1874. 4 + 52 p. + 1 col. pl. (École supérieure de pharmacie de Paris.)
- VERNY** (Franciscus). *See ZWELFER* (J.), Discursus apologeticus ..., cui et accessere Justissimæ vindiciae contra F. V., 1672.
- Vertebrata.** BONAPARTE (C. J. L. L.), Observations on the state of zoology in Europe as regards the vertebrata, 1845.
- Vestiges** of the natural history of creation; [by R. Chambers?]. Tenth edition. London, 1853. 12 + 328 + 68 p.
- Veterinarian**, The; monthly journal of veterinary science; edited by [W.] Youatt, [W.] Percivall, [W.] Dick, [W. F.] Karkeek, [W. J. T.] Morton, J. B. Simonds, G. W. Varnell, R. V. Tuson, and G. T. Brown]. London, [1844, 1857–8, 1860–8]. Vol. 17, 30–1, 33–41 (or, new ser., v. 3; ser. 4, v. 3–4, 6–14).
- Note.*—Vol. 30 wants p. 633–92; v. 41 wants t.-p. and index.
- Veterinary art.**
- Archives belges de médecine militaire, journal des sciences médicales, pharmaceutiques et vétérinaires, 1858–62.
- BEASLEY (H.), Druggist's general receipt book, comprising a vet. formulary & materia med., 2 ed., 1852; 7 ed., 1872; 8 ed., 1878.
- BLAINE (D.), Outlines of the veterinary art, 5th ed., 1841.
- CLARK (Bracy). *See* sundry pamphlets under this author's name.
- DORVAULT (F. L. M.), L'Officine ..., comprenant la pharmacie vétérinaire, etc., 1844; 3me éd., 1850; 6 éd., 1866; 8 éd., 1872.
- Edinburgh veterinary review, 1858–60.
- ERDMANN (C. G. H.) & C. H. HERTWIG, Thierärztliche Receptirkunde und Pharmakopöe, 3e Aufl., 1875.
- MORTON (W. J. T.), Manual of pharmacy for the student of vet. medicine, 2nd ed., [1839?]; 3rd ed., [1843?]; 6th ed., 1860; 7th ed., 1868; 8th ed., 1880.
- NORWAY, Veterinair-Medicinal-Taxt, 1861, 1862, 1863, 1864.

Veterinary art—continued.

- NYSTEN (P. H.), Dictionnaire de médecine, *etc.*, 8me ed., 1840.
- POMPA (G.), Colección de medicamentos, 4a ed., con un suplemento sobre las enfermedades del caballo, 1868.
- ROYAL COLLEGE OF VET. SURGEONS, Register, *etc.*, 1875, 1877-8.
- TAPLIN (W.), Gentleman's stable companion, or Modern system of farriery, 4th ed., 1796, v. 2; 10th ed., [179-?] v. 1; 13th ed., 1796, v. 1.
- TUSON (R. V.), Pharmacopœia, 1869; 2nd ed., 1874.
- Veterinarian**, monthly journal, 1844, 1857-8, 1860-8.
- VIAL DE SAINBEL (E.), Elements of the vet. art, 3rd ed., 1797.
- WHITE (J.), Treatise on veterinary medicine, 1806-7.
- VIAL DE SAINBEL (Charles). Elements of the veterinary art, containing: Essay on the proportions of Eclipse; Six lectures on farriery; [and the posthumous works: General observations on veterinary medicine,] Essay on the grease, Essay on the glanders, and Observations on the gripes; [with memoir]. Third ed. Lond., 1797. 30 + 84 + 2 + 16 + 202 + 128 p. + por. + 7 pl.
Note.—The Six lectures, and Posthumous works have each a distinct t.-p.

Vichy.

- BUIGNET (H.), Nouveau procédé de dosage de l'acide carbonique, suivi de considérations sur la constitution des eaux de V., [1856].
- LARBAUD (N.), [De l'identité d'origine, de composition et de propriétés médicales des sources minérales du bassin de V., 1865].
- VICTORIA. Agriculture. *See* VICT., GOVERNMENT, Prize essays, 1861.
- . Essential oils. *See* HOFFMANN (C.), Paper on eucalypts, 1873.
- . Gold. *See* VICTORIA, GOVERNMENT, Prize essays, 1861.
- . GOVERNMENT. Prize essays; [published under direction of Royal Soc. of V.]. Melbourne, 1861. 8 + 388 p. + 1 pl. + 1 map.
- ACHESON (F.), Collection and storage of water.—STORY (W.), Agriculture.—ROSALES (H.), Origin and distribution of gold in quartz veins, *etc.*—MAYES (C.), Economical manufactures.
- . Intercolonial Exhibition, 1866. *See* Melbourne.
- . Manufactures. *See* VICTORIA, GOVERNMENT, Prize essays, 1861.
- . PARLIAMENT. Report of the Wattle Bark Board of Inquiry; [by J. Bosisto]. Melbourne, [1878]. 66 p.
- . Pharmacy. *See* PHARMACEUTICAL SOCIETY OF V.;—VICTORIA, PHARMACY BOARD;—VICTORIAN CHEMISTS' ASSISTANTS' ASSOCIATION.
- . PHARMACY BOARD.
- Pharmacy act, and regulations of the Board; Poisons act, and regulations for the sale and custody of poisons. Melbourne, [1877?]. [48] p., *pagination irregular*.
- Pharmaceutical register for 1877[-9]. Melbourne, 1878-80. 3 pam. *Of register for 1878, 2 copies.*
- First report of the Pharmacy Board. Melbourne, 1880. 8 p.

VICTORIA—*continued.*

—. REGISTRAR GENERAL.

Statistical register of Victoria, from the foundation of the colony; with an astronomical calendar for 1855; edited by W. H. Archer. Melbourne, 1854. 4 + 448 p.

Statistical notes on the progress of Victoria, 1835–60, by W. H. Archer. Melbourne, [1861 ?]. Ser. 1, pts. 1–2.

Note.—Part 1 is of the second edition.

Exposition intercoloniale, 1866; progrès de Victoria, 1835–66, par W. H. Archer; traduit de l'anglais, par E. Lissignol. Melbourne, 1866. 2 + 150 p.

—. ROYAL COMMISSION FOR THE PARIS EXHIBITION OF 1867.

Catalogue of products at the Exhibition; with essays on the colony, [by W. Westgarth,] and its mining operations, [by R. B. Smyth, etc.]. London, 1867. 4 + 38 + 28 p.

—. Statistics. *See* VICTORIA, REGISTRAR GENERAL;—VICTORIA, VICTORIAN EXHIBITION.

—. Toxicology. *See* VICTORIA, PHARMACY BOARD.

—. VICTORIAN EXHIBITION, 1861.

Catalogue, with prefatory essays, indicating the progress, resources, and physical characteristics of the colony, by W. H. Archer, F. [v.] Müller, R. B. Smyth, [G.] Neumayer, F. McCoy, A. R. C. Selwyn, [&] W. Birkmyre. Melb., 1861. 300 p.

Die Colonie V.; ihr Fortschritt, ihre Hilfsquellen und ihr physikalischer Charakter; mit Zugendlegung amtlicher Quellen dargestellt in Abhandlungen von W. H. Archer, F. [v.] Müller, R. B. Smyth, [G.] Neumayer, F. M'Coy, A. R. [C.] Selwyn u. W. Birkmyre; übertragen von B. Loewy. Melb., 1861. 226 p.

Essais divers, servant d'introduction au Catalogue de l'exposition des produits de la colonie de V., par W. H. Archer, F. [v.] Müller, R. B. Smyth, [G.] Neumayer, F. McCoy, A. R. C. Selwyn et W. Birkmyre. Melbourne, 1861. 210 p.

Report [of jurors] on class 3: indigenous vegetable substances. Melbourne, 1862. 62 p.

—. Water. *See* VICTORIA, GOVERNMENT, Prize essays, 1861.

VICTORIAN CHEMISTS' ASSISTANTS' ASSOCIATION, Melbourne. Sixth annual report of the committee, rules of the association, and catalogue of the library and museum. Melbourne, 1879. 16 p.

Vienna. *See* ALLGEMEINER ÖSTERREICHISCHER APOTHEKER-VEREIN;—

KAISELICHE AKADEMIE DER WISSENSCHAFTEN IN WIEN;—KAISELICH-KÖNIGLICHE GESELLSCHAFT DER ÄRZTE.

—. Quinology. *See* VOGL (A. E.), Die Chinarinden, 1867.

—. Welt-Ausstellung, 1873. *See* GREAT BRITAIN AND IRELAND, INDIA OFFICE, Vienna Univ. Exhib., catal. of Indian dept., 1873.

Vierteljahrsschrift für praktische Pharmacie; herausgegeben von G. C. Wittstein. München, 1854, 1856–73. Bd. 3, Heft 1 Bd. 5–15; Bd. 16, Heft. 1, 4; Bd. 17, Heft. 1–3; Bd. 18, Heft. 2–4; Bd. 19, Heft. 1–2; Bd. 20, H. 1, 3–4; Bd. 21, H. 2–4; Bd. 22. **VIEYRA** (Antonio).

Grammar of the Portuguese language; [with] vocabulary and dialogues, [and] extracts from Portuguese authors. Fourteenth edition, by E. de la Fuente. London, 1878. 8 + 442 p.

Novo dicionário portatil das linguas portugueza e ingleza em duas partes: portug. e ingl., ingl. e portug.; resumido do Diccionario de V.; [New pocket dictionary of Portug. & Eng. languages, etc.], Nova edição. Pariz, 1878. 2 vol. *

VIGIER (Ferdinand Louis). Gommes-résines des ombellifères; thèse. Paris, 1869. 120 p. (École supérieure de pharmacie de P.)

VIGLA. See **Journal de pharmacie et de chimie**, 1858–72.

VILLE (Jules). Recherches pour servir à l'histoire chimique de la racine de gentiane; présence d'un tannin; thèse. Montpellier, 1877. 60 p. (École supérieure de pharmacie de Montpellier.)

VINCENT (Benjamin). See **ROYAL INSTITUTION OF GREAT BRITAIN**, New classified catalogue of the library, 1857.

VINCENT (Charles W.). See **MUSPRATT** (J. S.), Chemistry, [1877–9?].

Vine. (See also **Wine**.)

MACKAY (J.), Remarks on the oïdium or vine disease, 1862.

SOCIÉTÉ D'ACCLIMATATION, *Paris*, Rapport sur la culture de cépages de Tokay en France, par J. L. Soubeiran, [1868].

THUDICHUM (J. L. W.) & A. DUPRÉ, Treatise on wine, manual of viticulture and œnology, 1872.

Vinegar.

CHEVALLIER (J. B. A.), T. GOBLEY, & E. JOURNEIL, Essais sur le vinaigre, 1843.

SHANNON (R.), Practical treatise on brewing, etc., 1805.

Viperine salt. See **TACHENIUS** (O.), Hippocrates chym., 1677; 1690.

VIRCHOW (Rudolph ?). See **Jahresbericht** über die Fortschritte der Pharmacognosie, Cannstatt's Jahresbericht, 1854–8.

VIREY (J. J.).

Traité de pharmacie théorique et pratique, contenant les élémens de l'histoire naturelle de tous les médicaments. Paris, 1811. 2 tomes, 5 pl.; with ms. *Index Linneanus to p. 21–134 of tome 1.*

See also **Journal de pharmacie et de chimie**, 1812–46.

VIRGIL. See **VERGILIUS MARO** (P.).

Vision. See **Eye**.

Viti. SEEMANN (B.), Flora Vitiensis, plants of Fiji Is., 1865–73. *

Viticulture. See **Vine**.

VOELCKER (Aug.). See **HARRIS** (W. H.), Oil-cake controv., [1862].

VOGEL (A.). *See Journal de pharmacie et de chimie, 1815–24.*

VOGEL (Julius).

On the laws, according to which the mixing of fluids and their penetration into permeable substances occur, with special reference to the processes in the human and animal organisation ; [endosmosis]. (*In GRAHAM, T., Chemical reports and memoirs, 1848, p. 85–117.*)

Semiology of the human urine. (*In NEUBAUER, C. T. L., & J. V., Guide to analysis of urine, 1863, p. 277–440.*)

VOGEL (Julius Rudolph Theodor). *See HOOKER (W. J.), Niger flora, with sketch of life of V., 1849.*

VOGEL (Rudolf Augustin).

Institutiones chemiæ. Ed. nova. Francofurti, 1762. 8 + 392 p.
See also CULLEN (W.), Nosology, 1800.

VOGIN (H. J.). *See PICARD (H.), New pocket dictionary of the English-Dutch and Dutch-English languages, 5th ed., 1877.*

VOGL (August E.).

Die Chinarinden des Wiener Grosshandels und der Wiener Sammlungen, mikrokopisch untersucht und beschrieben. Wien, 1867. 8 + 136 p.

Nahrungs- und Genussmittel aus dem Pflanzenreiche ; Anleitung zum richtigen Erkennen und Prüfen der wichtigsten im Handel vorkommenden Nahrungsmittel, Genussmittel und Gewürze mit Hilfe des Mikroskops. Wien, 1872. 8 + 138 p.

Beiträge zur Kenntniss der sogenannten falschen Chinarinden. Wien, 1876. 26 p. + 1 pl. 2 copies.

See also AUSTRIA, Commentar zur österr. Pharmacopoe, 1878–9.

VOGLER (Joh. Phil.). *Pharmacæ selecta, observationibus clinicis comprobata. Denuo edita. Wetzlariæ, 1788. 128 p.*

Volcanoes. BUNSEN (R. W.), On the intimate connection existing between the pseudo-volcanic phenomena of Iceland, 1848.

VOLHARD (Jacob). *See Annalen der Chemie und Pharmacie, 1871–9.*

VOLKMANN (Alfred Guiliemus [sic]). *See VOLKMANN (A. W.).*

VOLKMANN (Alfred Wilhelm). *Observationes biologicæ de magnetismo animali et de ovorum animaliumque caloris quadam constanza ejusque explicatione ; auct. A. G. V. Lipsiæ, [1826 ?]. 68 p.*

Volumetric analysis.

FLEISCHER (E.), System of vol. anal., transl. by Muir, 1877.

SUTTON (F.), Systematic handbook of vol. anal., 1863 ; 2nd ed., 1871 ; 3rd ed., 1876.

VON, prefix to surnames. *See the word following the prefix.*

VORWERK (F.). *See Jahrbuch für praktische Pharmacie, 1862–73.*

VRIESE (Willem Hendrik DE). *Mémoire sur le camphrier de Sumatra et de Bornéo. Leide, 1856. 4 + 24 p. + 2 pl.*

- W. (J.). *See MUYS (J.), Rational practice of chyrnrgery, 1686.*
- W. (J.). *See ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia Londinensis, by N. Culpeper, with additions, 1661.*
- W. (J.). *See TACHENIUS (O.), Hippocrates chymicus, 1677; 1690.*
- WACKENRODER (Heinrich). *See DEUTSCHER APOTHEKER-VEREIN, Archiv der Pharmacie, 1838–54.*
- WAGNER (Rudolf). Handbook of chemical technology; translated and edited from the eighth German edition, by W. Crookes. London, 1872. 16 + 746 + 16 p.
- WAHLTUCH (Adolphe). Dictionary of *materia medica* and therapeutics. London, 1868. 12 + 484 p.
- WAKLEY (James G.). *See Lancet, 1868–79.*
- WAKLEY (Thomas). *See Lancet, 1825–61.*
- WALCOTT (Sylvanus). New and complete natural history; by S. W., assisted by gentlemen of eminence. [London, 1795?] 622 p. + 51 pl.
- WALKER (Charles V.). *See LA RIVE (A. DE), Treatise on electricity, translated, 1853–8.*
- WALKER (George Alfred).
- Gatherings from graveyards, particularly those of London; with a history of modes of interment among different nations, etc. London, 1839. 18 + 258 p. + engr. t.-p.
 - Grave yards of London. London, 1841. 34 + 14 p.
 - Interment and disinterment; further exposition of practices in metropolitan places of sepulture. London 1843. 4 + 28 p.
- WALKER (John).
- Lectures on natural history. 2 + 714 + 30 p., ms. *
 - Institutes of natural history, containing the heads of the Lectures. Edinburgh, 1792. 2 + 170 p.
- WALKER (Richard). Account of some remarkable discoveries in the production of artificial cold; with Experiments on the conge- lation of quicksilver in England: likewise, Observations on the best methods of producing artificial cold, and their application to useful purposes. Oxford, 1796. 6 + 28 + 98 p. + 1 pl.
- WALKER (William). *See ROYAL AGRICULTURAL AND COMMERCIAL SOCIETY, British Guiana at the Paris Exhibition, 1878.*
- WALL (Martin).
- Syllabus of lectures in chemistry. Oxford, 1782. 4 + 64 p.
 - Dissertations on select subjects in chemistry and medicine. Oxford, 1783. 18 + 168 p.
 - Clinical observations on the use of opium in low fevers, and in the synochus; with remarks on the epidemic fever in 1785, at Oxford, and in neighbouring counties; in a letter to J. Bade- ley. Oxford, 1786. 2 + 8 + 74 p.

- Wall paper. HOGG (J.), Inflammation of the eye and injuries to the health by arsenical poisoning, 1879.
- WALLER (John Augustus). *See* ORFILA (M. J. B.), Treatise on mineral, vegetable, and animal poisons, translated, 2nd ed., 1818.
- WALLERIUS (Johann Gotschalk). Minéralogie ; traduit de l'allemand. Paris, 1753. 2 tomes.
- WALLIS (George). Jewellery. (*In* BEVAN, G. P., British manufacturing industries, 2nd ed., 1878, Jewellery, etc., p. 1-50.)
- WALSHE (Walter Hayle). *See* LOUIS (P. C. A.), Researches on phthisis, 2nd ed., translated, 1844.
- WALZ (G. F.). *See* Jahrbuch für praktische Pharmacie, 1850-62.
- WANKLYN (James Alfred).
- Milk-analysis : a practical treatise on the examination of milk, cream, butter, and cheese. London, 1874 [p. 1873]. 8 + 72 p.
- Tea, coffee, and cocoa : a practical treatise on the analysis of tea, coffee, cocoa, chocolate, maté [or] Paraguay tea, etc. London, 1874. 8 + 60 p.
- & E. T. CHAPMAN.
- Water analysis : a practical treatise on the examination of potable water. London, 1868. 12 + 104 p.
- Same.* Third edition, by J. A. W. London, 1874. 2 + 12 + 140 p.
- Same.* Fourth edition, by J. A. W. London, 1876. 10 + 182 p.
- Same.* Fifth edition, by J. A. W. London, 1879. 194 p.
- WANT (John). *See* Medical and physical journal, 1814.
- War. *See* UNITED STATES OF AMERICA, WAR DEPARTMENT.
- WARD (Mr.). *See* PAGE (J.), Receipts for medicines, 1763.
- WARD (Nathaniel Bagshaw). On the growth of plants in closely glazed cases. London, 1842. 2 + 8 + 96 p.
- WARDE (Willyam). *See* ALESSIO, Secretes of Alexis, 1568.
- Wardian cases. *See* WARD (N.B.), On the growth of plants, 1842.
- WARING (Edward John).
- Notes on some of the principal indigenous tonics of India. [Calcutta, 1858.] 56 p., n. t.-p.
- Notes on some of the principal indigenous anthelmintics of India. [Calcutta, 1859.] 26 p., n. t.-p.
- On the therapeutic applications of the neem or margosa tree. [Calcutta or Madras, 186-?] 10 p., n. t.-p.
- Notes on some of the indigenous medical plants of India. [Madras, 1860-2.] 5 pamphlets, n. t.-p.
- Contribution to Indian *materia medica*; inorganic substances. [Madras, 1862.] 10 p., n. t.-p.
- Manual of practical therapeutics, considered chiefly with reference to articles of the *materia medica*. Third edition. London, 1871. 8 + 876 p.

WARING (Edward John)—*continued.*

Bibliotheca therapeutica, or Bibliography of therapeutics, chiefly in reference to articles of *materia medica*, with annotations, and appendix containing the bibliography of British mineral waters.

London, 1878–9. 2 vol. (New Sydenham Soc., v. 78, 82.) *

See also GREAT BRITAIN AND IRELAND, INDIA OFFICE, Pharmacopœia of India, 1868.

WARINGTON (Robert). *See* PEREIRA (J.), Manual of mat. med., 1865.

Warming. *See* Heating;—Stoves.

Warwick. *See* SOCIETY FOR THE EXTENSION OF DISPENSARIES.

Washer. REID (J.), Description of a revolving washer, 1867.

WASHINGTON (*Capt.*). On naval architecture: ships, steam-engines, and life-boats. (*In* SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of Gt. Exhib., 1st ser., 1852, p. 539–622.)

Washington, U. S. A. *See* NATIONAL CONVENTION FOR REVISING THE PHARMACOPŒIA;—SMITHSONIAN INSTITUTION.

Waste products. GREAT BRITAIN AND IRELAND, COMMITTEE OF COUNCIL ON EDUCATION, Bethnal Green Museum catalogue of collection illustrating utilization of waste products, 1875.

Watches. BRITTEN (F. J.), Watches and clocks, 2nd ed., 1878.

Water, *including* Aërated and Mineral waters. (*See also* Bathing and Baths;—Tar water.)

ACCUM (F.), Practical treatise on chemical tests, with directions for analysing mineral waters, 2nd ed., 1818.

ACHESON (F.), Essay on collection and storage in Victoria, 1861.

ADDISON (W.), Dissertation on Malvern water, 2nd ed., 1831.

ALIBERT (J. L.), Nouveaux élémens de thérapeutique, 5me éd., [avec] précis sur les eaux minérales, 1826.

ALLEN (B.), Natural history of the chalybeat and purging waters of England, with their uses, 1699.

BOUCHARDAT (A.), Nouveau formulaire magistral, [avec] précis sur les eaux minérales, 2me éd., 1843; 17me éd., 1872.

BUIGNET (H.), Nouveau procédé de dosage de l'acide carbonique dans les eaux minérales, suivi de considérations sur la constitution des eaux de Vichy, [1856].

CAVENDISH (H.), Life, including ... a critical inquiry into the claims of all the alleged discoverers of the composition of water, by G. Wilson, 1851.

DALTON (J.), On the phosphates ..., acids, bases, & water, 1840–2.

FALCONER (W.), Essay on the Bath waters, containing introduction to the study of mineral waters in general, 1772.

FERREIRA (A. A.), Hydrologie générale, dissertation, 1867.

FRANCE, Codex, Pharmacopée française, suivie d'un tableau des eaux minérales de France, par O. Henry fils, 1827.

Water, including Aërated and Mineral waters—continued.

FRANKLAND (E.), Water analysis for sanitary purposes, 1880.

GARELLI (G.), Valdieri e le sue acque, 1855.

GARRIGOU (F.), Étude chimique sur la source sulfurée sodique forte et iodo-bromurée de Challes, 1875.

HAMBERG (N. P.), Marienbad dess helsökällor och bad, 1870.

— & B. M. LERSCH, Die Burtscheider Thermen, [1861 ?].

HERILACUS (P.), Aquarium natura et facultates, etc., 1591.

HIPPOCRATES, Upon air, water, and situation, 1734.

HUSSON (N.), Collection de faits sur les effets de l'eau medicinale, 2me éd., [180-?].

KENSINGTON (E. T.), Chemical composition of ... waters, 1877.

KENTISH (R.), Essay on sea-bathing, and the internal use of sea-water, 1787.

LANKESTER (E.), Account of Askern and its mineral springs, 1842.

LARBAUD (N.), [De l'identité d'origine de composition et de propriétés médicales des sources minérales de Vichy, 1865].

LE GUILLON (Dr.), On dyspepsia, induced by soda-water and artificial seltzer-water, [with notes on springs of Vals, 1869].

LIND (J.), Essay on diseases in hot climates, and a way to render sea water fresh, 6th ed., 1808.

MONRO (D.), Treatise on mineral waters, 1770.

Our water supply, a discussion for and against the fitness of Thames and river water for domestic use, 1880.

PERETTI (P.), Dell'azione chimica dell'acqua sopra i sali e sopra gli acidi, 1861.

PHOEBUS [PHÖBUS] (P.), Über pharmakodynamische Äquivalente für die Hauptbestandtheile der Mineralwässer, 1858.

PONTA DELGADA, JUNTA GERAL, Les eaux thermales de l'île de São Miguel, Açores, [1873].

PRESTWICH (J.), D. CAMPBELL, & EASTON, AMOS AND SONS, Report on the Grays Thurrock water, [1860].

PRIESTLEY (J.), Experiments relating to the generation of air from water, and on the decomposition of water, 1796.

REICHARDT (E.), Guide pour l'analyse de l'eau, 1876.

RUSSEL (R.), Dissertation on sea-water in diseases of the glands, 1752; [another ed., with Account of mineral waters of Great Britain, Treatise on waters of Pyrmont, Spa, Seltzers, etc., 1760-2?].

RUTTY (J.), Methodical synopsis of mineral waters, 1757.

SADLER (S. C.), Analysis of Purton saline water, 1860.

SMITH (Jos.), Observations on Cheltenham waters, 1786.

SPENGLER (L.), On the effects of the thermal waters of Ems, 1854.

SQUIRE (P.), Companion to British pharmacopœia, (*see Note*).

Water, *including Aërated and Mineral waters—continued.*

TOURNEFORT (J. P. DE), *Materia medica, with appendix, showing the nature and use of mineral waters*, 1708.

VENABLES (R.), *Practical directions for the preparation of aërated waters, their efficacy, etc.*, 1843.

WANKLYN (J. A.) & E. T. CHAPMAN, *Water analysis*, 1868; 3rd ed., 1874; 4th ed., 1876; 5th ed., 1879.

WARING (E. J.), *Bibliotheca therapeutica, with bibliography of British mineral waters*, 1878-9. *

WATERTON (Charles). *Essays on natural history, chiefly ornithology; with an autobiography*. Second edition. London, 1838. 84 + 312 + 4 p. + 1 pl.

WATKINS (C. R. W.). *Principles and rudiments of botany*. London, 1858. 116 p. + tab.; wanting p. 5-8, probably not printed.

WATSON (Rev. H. W.). *Elements of plane and solid geometry*. London, 1871. 2 + 18 + 286 + 2 p. (Text-books of science.)

WATSON (Hewett Cottrell).

Cybele Britannica; or British plants, and their geographical relations. London, 1847-59. 4 vol., 1 map.

Compendium of the Cybele. London, 1870. 8 + 652 p. + 1 map.

WATSON (John Forbes).

See GREAT BRITAIN AND IRELAND, COMMISSIONERS FOR THE EXHIBITION OF 1862, Catalogue of the Indian department, [1862].

See GREAT BRITAIN AND IRELAND, INDIA OFFICE, New Zealand Exhibition, classified list of contributions from the India Museum, 1864;—Index to native and scientific names of Indian and other eastern economic plants and products, 1868;—Vienna Universal Exhibition, catalogue of the Indian department, 1873; etc.

WATSON (Sereno). *See CALIFORNIA, GEOLOG. SURVEY, Botany*, 1876.

WATT (Charles). *See Chemist*, 1840-5, 1847, 1849-58.

WATT (James). *See LARDNER (D.)*, *The steam engine, with a memoir of Watt*, 7th ed., 1840.

WATT (John). *See Chemist*, 1840-5, 1847, 1849-58.

Wattle bark. VICTORIA, PARLIAMENT, *Report of the Wattle Bark Board of Inquiry*, [by J. Bosisto,] 1878.

WATTS (Henry).

Dictionary of chemistry and the allied branches of other sciences, founded on that of Ure; by H. W., assisted by eminent contributors. London, 1863-8. 5 vol., tab. 2 copies.

Same. Supplement. London, 1872. 14 + 1140 p. 2 copies.

Same. Second suppl. London, 1875. 8 + 1216 p. 2 copies.

Same. Third supplement. London, 1879. Pt. 1. 2 copies.

See also CHEMICAL SOCIETY OF LONDON, Journal, 1851-79.

WATTS (Henry)—*continued.*

See also FOWNES (G.), Manual of elementary chemistry, edited, 11th ed., 1872; 12th ed., 1877.

See also GMELIN (L.), Handbook of chemistry, transl., 1848–72.

See also GRAHAM (T.), Elements of chemistry, 2nd ed., 1850–8.

See also KNAPP (F. C.), Chemical technology, 2nd ed., 1855–67.

See also WURTZ (C. A.), History of chemical theory, transl., 1869.

WATTS (Isaac). Cotton. (*In* BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Wool, etc., p. 120–61, 15 pl.)

Weather. *See Meteorology.*

WEATHERHEAD (George Hume). Treatise on infantile and adult rickets: with remarks on nursing, and description of an improved reclining couch. London, 1820. 12 + 130 p. + 1 pl.

WEBB (P. Barker). Spicilegia Gorgonea; plants in Cape de Verd islands. (*In* HOOKER, W. J., Niger flora, 1849, p. 89–197.)

WEBSTER (Noah). Dictionary of the English language, with introductory dissertation on the languages of western Asia and Europe, etc. Revised [edition, with memoir of the author,] by C. A. Goodrich; [Tables of Scripture names, Greek and Latin proper names, and modern geographical names, by N. Porter]. London, 1858. 84 + 1368 p. + por. *

WEDDELL (Hugh Algernon).

Histoire naturelle des quinquinas; ou Monographie du genre cinchona, suivie d'un description du genre cascarilla, etc.; planches dessinées par [A.] Riocreux et Steinheil. Paris, 1849. 2 + 8 + 108 p. + 31 pl. + 3 col. pl. *

Monographie de la famille des urticées. Paris, 1856. 4 + 592 p. + 20 pl.

Mémoire sur le cynomorium coccineum, parasite de l'ordre des balanophorées. Paris, 1860. 44 p. + 2 col. pl. + 2 pl.

Remarks on the generic name cascarilla. [London, 1869]. [4] p., n. t.-p.

Notes sur les quinquinas. Paris, 1870. 76 p. + 1 pl.

Eng. Notes on the quinquinas; translated from the Fr. [by C. R. Markham, for the India Office]. London, 1871. 2 + 64 p.

Ger. Übersicht der Cinchonen; deutsch bearbeitet [aus dem französ.] von F. A. Flückiger. Schaffhausen, 1871. 44 p.

Sur l'avantage qu'il y aurait à remplacer la quinine par la cinchonidine dans le traitement des fièvres intermittentes. [Paris, 1877.] 6 p., n. t.-p.

See also BAILLON (H. E.), Dictionnaire de botanique, 1876–9.

WEIGELIN (Ferdinand). Untersuchungen über die Alkaloïde der Sabadillsamen; Inaugural-Dissertation. Dorpat, 1871. 46 p. (Kaiserliche Universität Dorpat.)

Weights, Measures, and Coins.

- BONN (A. W.), *Catechism of the decimal Albert and metric systems of weights, measures, and coins*, 1869.
- *Gt. Britain's new proposed decimal Albert system, compared with the French metric system*, 1869.
- DOWLING (C. H.), *Series of metric tables*, 1864.
- INTERNATIONAL ASSOCIATION FOR OBTAINING A UNIFORM DECIMAL SYSTEM, *London, Narrative of the origin and formation of the Association*, by J. Yates, 2nd ed., 1856.
- *Memorial on decimal weights*, 1859.
- KELLY (P.), *Universal cambist*, 2nd ed., 1835.
- KERR (J.), *The metric system, its prospects in this country*, 1863.
- PORTER (J. S.), *On the metrical system*, 3rd thousand, 1859.
- YATES (J.), *On the French system, with discussion*, 1854.
- *Hand-book to accompany the Synoptic table of the metric system*, constructed by C. H. Dowling, 1864.
- WEINHOLD (Adolf F.). *Introduction to experimental physics, theoretical and practical, including directions for constructing physical apparatus, and for making experiments*; translated [from the German] and edited by B. Loewy, with preface by G. C. Foster. London, 1875. 16 + 848 + 4 p. + 3 col. pl.
- WELDON (Walter). *Popular explanation of the elements and general laws of chemistry*. London, [1824 ?]. 8 + 624 p.
- WELSH MSS. SOCIETY. *See Society for the Publication, etc.*
- WERNCKE (Woldemar). *Über die Wirkung einiger Antiseptica und verwandter Stoffe auf Hefe*; Inaugural-Dissertation. Dorpat, 1879. 100 p. (Kaiserliche Universität Dorpat.)
- WERNER (Abraham Gottlob). *Treatise on the external characters of minerals*; translation from the German, with notes, edited by the Wernerian Club. [London,] 1849–50. 146 p.
- WERNERIAN CLUB, London. *See Werner (A. G.).*
- WERNITZ (Iwan). *Über die Wirkung der Antiseptica auf ungeformte Fermente*; Diss. Dorpat, 1880. 96 p. (Kaiserl. Univ. Dorp.)
- WERTHER (Gustav). *See Journal für praktische Chemie*, 1858–9.
- WEST. *See SHARP, WEST, AND CO.*, Letter to C. Cowan, 1839.
- WEST (William). *On mosses*. [Huddersfield printed, 1878.] 10 p.
- West Indies. *See Indies, West.*
- WESTGARTH (William). *See VICTORIA, ROYAL COMMISSION FOR THE PARIS EXHIBITION OF 1867*, Catalogue, with essay on the colony.
- WESTON (Richard). [Universal botanist and nurseryman; containing descriptions of trees, shrubs, herbs, etc., cultivated in European nurseries, etc. London, 1770–2.] Vol. 1–3, 17 pl.

Note.—All the title-pages are wanting. Vol. 2–3 are paged continuously, and in this copy are bound together. Vol. 4 is wanting.

WESTWOOD (John Obadiah).

Introduction to the modern classification of insects; [with Synopsis of the genera of British insects]. London, 1839–40. 2 vol., 1 col. pl.

Butterflies of Great Britain, with their transformations, delineated and described. London, 1855. 40 + 140 p. + 19 col. pl. + 2 pl. + col. engr. t.-p. *

See also WOOD (W.), Index entomologicus, new ed., 1852.

WEYHE (M. F.). *See* NEES v. ESENBECK, Plantæ medicin., 1828–33.

WEYRICH (Rudolf). Ein Beitrag zur Chemie des Thees und Kaffees; Inaugural-Diss. Dorpat, 1872. 32 p. (Kaiserl. Univ. Dorp.)

WHATELY (E. Jane). Selection of English synonyms; edited by Archbishop Whately. Sixth edition. London, 1868. 28 + 212 p.

WHATELY (Richard), *Abp. of Dublin*. *See* WHATELY (E. J.).

Wheat. BOURGOIN (E. A.), Hygiène publique, du blé, 1871.

WHEATLEY (Benj. Robert). *See* ROYAL MEDICAL & CHIRURGICAL SOC., Med.-chir. transactions, Gen. index, 1871 ;—Catal. of library, 1879.

WHEELER (Jacobus L., [or James L.]). *See* SOCIETY OF APOTHECIES, Catalogus plantarum medicinalium, 1830.

WHEWELL (Rev. William).

Astronomy and general physics considered with reference to natural theology. [Second edition.] London, 1833. 16 + 382 p. (Bridgewater treatises, 3.)

Philosophy of the inductive sciences. Lond., 1840. 2 vol., 1 tab.

On the influence of the history of science upon intellectual education. (*In* ROYAL INSTITUTION OF GREAT BRITAIN, Lectures on education, 1855, p. 1–36.)

General bearing of the Great Exhibition on the progress of art and science. (*In* SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on results of the Great Exhib., 1st ser., 1852, p. 1–34.)

WHITE (James).

Treatise on veterinary medicine. London, 1806. Vol. 2.

Same. Eighth edition. London, 1807. Vol. 1, 14 pl.

WHITE (James Walls). Salicylate of iron. [Glasgow, 1879.] 2 p., n. t.-p.

WHITE (Robert). Practical surgery. Second edition. London, 1796. 16 + 400 p.

WHITE (Thomas). Dissertatio medica inauguralis de cynanche tracheali. Lugduni Batavorum, 1786. 32 p.

WHITLAW (Charles). Whitlaw's new medical discoveries, with defence of the Linnean doctrine, and translation of his Vegetable *materia medica*, [Medical, botanical system]. Lond., 1829. 2 v.

WHITNEY (Josiah Dwight). *See* CALIFORNIA, GEOLOGICAL SURVEY, Botany, 1876.

WICHELAUS (H.). *See DEUTSCHE CHEMISCHE GESELLSCHAFT, Berichte, 1873–9.*

WIEGAND (Thomas S.). *See PARRISH (E.), Treatise on pharmacy, 4th ed., 1874.*

WIEGLEB (Johann Christian). General system of chemistry, theoretical and practical; digested and arranged, with a view to its application in the arts; taken chiefly from the German, by C. R. Hopson. London, 1789. 2 + 2 + 8 + 712 p. + 4 tab. + 2 pl.

WIGAND (Albert). Lehrbuch der Pharmakognosie; mit besonderer Rücksicht auf die Pharmacopœa germanica sowie als Anleitung zur naturhistorischen Untersuchung vegetabilischer Rohstoffe. Dritte Auflage. Berlin, 1879. 16 + 448 p.

WIGGERS (Heinrich August Ludwig). Handbuch der Pharmacognosie, von A. W. Fünfte Auflage. Göttingen, 1864. 4 + 780 p.

See also Jahresbericht über die Fortschritte d. Pharm., 1867–74.

WIGHT (Robert).

Icones plantarum Indiae orientalis: figures of Indian plants. Madras, 18[38–]40–53. 6 vol., 2101 pl. *

Note.—See also CLEGHORN (H. F. C.), General index, 1856.

Obituary notice of W., by H. Cleghorn. Edin., 1873. 30 p. + por.

WIGNER (George William). *See Analyst, 1876–9.*

WILDER (Hans M.). *See PHILADELPHIA COLLEGE OF PHARMACY, American journal of pharmacy, General index, 1873.*

WILKINSON (Charles Henry). Elements of Galvanism, in theory and practice, with its history, etc. London, 1804. 2 vol., 13 pl.

WILL (Heinrich).

Outlines of the course of qualitative analysis followed in the Giessen laboratory. London, 1846. 12 + 104 p. + 5 tab.

See also Jahresbericht üb. d. Fortsch. d. reinen Chemie, 1857–67.

WILDENOW (Carl Ludwig).

Principles of botany and vegetable physiology, translated from the German of D. C. W. [sic]. Edin., 1805. 8 + 4 + 508 p. + 10 pl.

See also LINNÉ (C. v.), Species plantarum, 1797–1830;—Index alphabeticus filicum in Specierum plantarum, 1821.

WILLETT (Alfred). *See ST. BARTHOLOMEW'S HOSP., Reports, 1877–9.*

WILLIAMS (Charles Greville). Handbook of chemical manipulation. London, 1857. 16 + 580 p.

WILLIAMS (Charles Wye).

Combustion of coal and prevention of smoke chemically and practically considered. Second edition. London, 1841. Pt. 1.

Plates illustrative of the combustion of the gaseous portion of coal; to accompany the [preceding work]. Liverpool, 1841. 4 p. + 8 col. pl. + 5 uncol. pl.

WILLIAMS (W. Mattieu).

Iron and steel. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1876, Iron, etc., p. 1-76.*)

Oils and candles. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Acids, etc., p. 97-148.*)

Explosive compounds. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1878, Metallic mining, etc., p. 157-211.*)

WILLIAMS AB ITHEL (Rev. John). *See SOCIETY FOR THE PUBLICATION OF ANCIENT WELSH MSS., Physicians of Myddfai, 1861.*

WILLIAMSON (Alexander William).

Chemistry for students. Oxford, 1865. 16 + 392 p. (Clarendon press series.)

Same. New edition. Oxf., 1868. 24 + 480 p. (Clar. press ser.)

Same. Third edition. Oxf., 1873. 28 + 500 p. (Clar. press ser.)

WILLIAMSON (W. C.) *See PRITCHARD (A.), History of infusoria, 4th ed., 1861.*

WILlich (A. F. M.) *See Medical and physical journal, 1799.*

WILlich (Jodocus). *Urinarum probationes; illustratae scholis medicis, H. Reusneri. Basileæ, [colophon 1582].* 24 + 342 p.

WILLIS (Rev. Robert). Machines and tools for working in metal, wood, and other materials. (*In SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on the results of the Great Exhibition, 1st ser., 1852, p. 291-320.*)

WILLM (Ed.) *See Annales de chimie, 3 sér., table des t. 31-69.*

WILMS (A.). *See GEISELER (T.), C. HERZOG, & A. W., Betrachtungen über den Zustand der deutschen Pharmacie, 1867.*

Willow. JOHANSON (E.), Zur Kenntniss einzelner chemische Bestandtheile der Weiden und deren pathol. Gebilde, etc., [1878].

WILLS (George Sampson Valentine).

Elements of pharmacy. London, [1877 ?]. 136 p., interleaved.

Manual of vegetable materia medica. Second edition. London, 1877. 160 p. + 1 col. map. + 24 col. pl.

Same. Third edit. Lond., 1878. 192 p. + 1 col. map + 24 col. pl.

WILLSON (Alfred Rivers). Chemical notes for pharmaceutical students, including the chemistry of the additions to the [British] pharmacopœia. London, [1875]. 8 + 84 p.

WILSON (Benj.). Series of experiments relating to the phosphori and the prismatic colours they are found to exhibit in the dark; with translation of two memoirs, from the Bologna Acts, upon the same subject, by J. B. Beccari. Lond., 1775. 2 + 92 + 96 p.

WILSON (George).

Compleat course of chymistry: containing chymical medicines [and] observations. Fourth edition. London, 1721. 32 + 408 p. + 8 pl. + por. 2 copies.

WILSON (George)—*continued.* Course of practical chemistry; in which are contained all the operations in [or text of] W.'s Complete course, with [additions] by W. Lewis. Lond., 1746. 20 + 472 p. + 7 pl.
Note.—Pl. 1-2 are wanting; a ms. index of 5 p. has been added.

WILSON (George), M.D.

Chemistry. [Second edition,] by S. Macadam. London, [1856?]. 4 + 376 p. (Chambers' educational course.)

Inorganic chemistry. [Third edition of part of the preceding work,] by S. Macadam. London, [1866]. 10 + 388 p. (Chambers' educational course.)

Same. [Fourth edition,] by H. G. Madan. London, 1871. 12 + 528 p. + 1 col. pl. (Chambers' educational course.)

See also CAVENDISH (H.), Life, & critical inquiry, by G. W., 1851.

WILSON (James). Pharmacopœia chirurgica: or, Manual of surgical pharmacy. Third edition. London, 1814. 12 + 240 p.

WILSON (James Arthur). On spasm, languor, palsy, and other disorders, termed nervous, of the muscular system. London, 1843. 8 + 204 p.

WILSON (James Hewetson). *See* JUSSIEU (Ad. DE), Elements of botany, translated, 1849.

WILSON (John). Agricultural products and implements. (*In* SOCIETY FOR THE ENCOURAGEMENT OF ARTS, Lectures on the results of the Great Exhibition, 2nd ser., 1853, p. 1-41.)

WILSON (Joseph). *See* UNITED STATES, NAVY DEPT., Naval hygiene.

WIMMER (Fridericus [or Friedrich]). *See* THEOPHRASTOS, Opera.

WINCKLER (F. L.). *See* Jahrbuch für pract. Pharmacie, 1838-62.

WINDSOR (Thomas). *See* Ophthalmic review, 1864-5.

Wine. (*See also* Alcohol; and separate headings beginning Wine.)

ACCUM (F.), Treatise on the art of making wine from native fruits, home-made wines, 2nd ed., 1823.

GRIFFIN (J. J.), Chemical testing of wines and spirits, 1866.

HERILACUS (P.), Aquarium natura et facultates, vinorum et aquarium effectuum invicem comparatorium tractatus, 1591.

JULLIEN (A.), W. merchant's companion and butler's manual, 1829.

MACCULLOCH (J.), Remarks on the art of making wine, with suggestions for improvement of domestic w., 2 ed., 1817; 3 ed., 1821.

MILLER (P.), Abridgement of the Gardener's dictionary, with methods of making wine in England, 5th ed., 1763.

MULDER (G. J.), Chemistry of wine, ed. by H. B. Jones, 1857.

PASTEUR (L.), Études sur le vin, 2me éd., 1873.

SHANNON (R.), Practical treatise on brewing, on foreign w., 1805.

THUDICHUM (J. L. W.) & A. DUPRÉ, Treatise on wine, 1872.

Wine and spirit adulterators unmasked; by One of the old school. London, 1827. 4 + 128 p.

Wine-drinker's manual. London, 1830. 12 + 296 p.

WIRGMAN (George). See HEISTER (L.), Medical ... cases, etc., 1755.

WISEMAN (Richard). Several chirurgicall treatises. London, 1676.

16 + 498 + 94 p.

WITHERING (William), M.D.

Arrangement of British plants; with introduction to botany.

Seventh edition, by W. W., LL.D. Lond., 1830. 4 v., 35 pl.

British plants; compiled for popular use, by W. Macgillivray.

Eleventh edition. London, 1863. 476 p. + 16 pl.

WITTING. See DEUTSCHER APOTHEKER-VEREIN, Archiv, 1822-4.

WITTSTEIN (G[eorg] C.).

Practical pharmaceutical chemistry; transl. & ed. from the second

German edition, by S. Darby. London, 1853. 14 + 624 p.

Organic constituents of plants and vegetable substances, and
their chemical analysis; translation from the German, with
additions, by F. v. Müller. Melbourne, 1878. 16 + 330 p.

See also Annalen der Chemie und Pharm., Aut.- u. Sach-Reg., 1861.

See also DEUTSCHER APOTHEKER-VEREIN, Autoren- und Sach-
Register zu den 131 Bänden des Archivs der Pharm., 1859.

See also Repertorium für die Pharmacie, Note;—Autoren- und
Sach-Register zu den ersten und zweiten Reihe, 1848.

See also Vierteljahresschrift für prakt. Pharm., 1854, 1856-73.

WÖHLER (Friedrich).

Analytical chemist's assistant: manual of chemical analysis of
inorganic compounds; [with] rules for detecting arsenic in
poisoning; translated from the German, with additions, by
O. M. Lieber. London, 1853. 314 p., wanting p. 5-6, 21-4,
probably not printed.

See also Annalen der Chemie und Pharmacie, 1843-79.

WOLFF (Ewald) & B. HIRSCH. Die Prüfung der Arzneimittel, nebst
Anleitung zur Revision der öffentlichen und Privat-Apotheken,
Dispensir- und Mineralwasser-Anstalten, Droguerie- und Material-
waaren-Handlungen. Berlin, 1866. 12 + 768 p.

WOLTER (J. W.). See NEES v. ESENBECK, Plantæ medic., 1828-33.

Women.

CAROLUS, Comets analogous to women, 2nd ed., 1858.

LONDON SCHOOL OF MEDICINE FOR WOMEN, (see).

Wood. (See also Forestry and Forests.)

BRITISH GUIANA, GOVERNMENT, Woods of B. G., collected by M.
McTurk for the local and Paris Exhibitions, 1878.

PAYNE (M. H.), Creosote and acetic acid, with other substances
produced by the destructive distillation of wood, [1866].

STACKMANN (A.), Studien über die Zusammensetzung des Holzes,
1878.

WOOD (Charles H.).

Description of process used for manufacturing "cinchona febrifuge" at Sikkim plantations. [Calcutta, 1876?] 4 p., n. t.p.

See also Chemist's desk companion, Year-book of pharm., 1865-6.

WOOD (George B.).

Treatise on therapeutics, and pharmacology or *materia medica*.

Philadelphia, 1856. 2 vol.

Same. Third edition. Philadelphia, 1868. 2 vol.

— & F. BACHE.

Dispensatory of the United States of America. Fifth edition.

Philadelphia, 1843. 12 + 1368 p.

Same. Seventh edition. Philadelphia, 1847. 12 + 1368 p.

Same. Ninth edition. Philadelphia, 1851. 12 + 1456 p.

Same. Eleventh edition. Philadelphia, 1858. 12 + 1584 p.

Same. Twelfth edition. Philadelphia, 1865. 12 + 1704 p.

Same. Fourteenth edition, by G. B. Wood, assisted by Hor. C. Wood. Philadel., 1877. 12 + 1880 p. 2 copies, 1 dated 1878.

WOOD (H. Freeman). Bookbinding. (*In BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Paper, etc., p. 70-94.*)

WOOD (Horatio C.).

See New remedies, quarterly retrospect of therapeutics, 1871-3.

See WOOD (G. B.) & F. BACHE, Dispensatory, 14th ed., 1877.

See Year-book of therapeutics, pharmacy, etc., 1872.

WOOD (James). Thoughts on the effects of the application and abstraction of stimuli on the human body; with a particular view to explain the nature and cure of typhus. London, 1793. 8 + 80 p. + 2 tab.

WOOD (Joseph). *See* SMITHSONIAN INSTITUTION, Results of meteorological observations, at Marietta, Ohio, 1817-23, reduced by C. A. Schott, 1868.

WOOD (Thomas).

Chemical notes for the lecture-room; on heat, chemical combination, and the non-metallic elements. Third edition. London, 1871. 10 + 184 p.

Notes on the metals: being a second series of Chemical notes for the lecture-room. London, 1868. 8 + 184 p.

WOOD (William). Index entomologicus; or, Complete illustrated catalogue of about 2000 of the lepidopterous insects of Gt. Britain. New edition, by J. O. Westwood. London, 1852. 8 + 298 + 24 p. + 59 col. pl. *

WOODS (Joseph). Tourist's flora: descriptive catalogue of flowering plants and ferns of the British Islands, France, Germany, Switzerland, Italy, and the Italian Islands. London, 1850. 4 + 84 + 504 p. + 1 pl.

WOODVILLE (William). Medical botany: containing descriptions with plates of medicinal plants. Third edition; the botanical descriptions arranged and corrected by W. J. Hooker; the new medico-botanical portion supplied by G. Spratt. London, 1832. 5 vol., 311 col. pl.; *wanting pl. 112.* *

WOODWARD (Joseph Janvier).

See UNITED STATES OF AMERICA, ARMY MEDICAL DEPT., Pamphlets in connection with exhibit, Int. Exhib., 1876, nos. 2-4, 9-12.

See UNITED STATES, SURGEON-GENERAL'S OFFICE, Reports on materials for history of Rebellion, 1865;—Report on epidemic cholera in the army, 1867;—Report on epidemic cholera and yellow fever in the army, 1868;—Medical and surgical history of War of Rebellion, 1870-9.

Woodwork. POLLEN (J. H.), Furniture and woodwork, 2 ed., 1877.

Wool. ARCHER (T. C.), Wool and its applications, 2nd ed., 1877.

WOOSTER (David). *See* LOUDON (John C.), Hortus Britann., 1850.

Workshop appliances. *See* Machinery and Tools.

Workshop receipts. SPON (E. F.), Workshop receipts, 1879.

WORMLEY (Theo. G.). Micro-chemistry of poisons, including their physiological, pathological, and legal relations. New York, 1867. 32 + 702 p. + 13 pl. + 1 tab.

Worms. (*See also* Anthelmintics.)

FRANCE, Account of the tenia or long tape worm, transl., 1777.

HARRISON (J.), Remarkable effects of fixed air, to which is added the History of some worm cases, 1784.

WORNUM (R. N.). On the progress of the fine arts during the [19th] century, more especially in Great Britain. [17] p. (*In* Popular encyclopedia, new ed., 1862, vol. 4.) *

Worsted. FORBES (H.), Rise, progress, and present state of the worsted, alpaca, and mohair manufactures of England, 1853.

Wortcunning. COCKAYNE (T. O.), Leechdoms, wortc., etc., 1864-6.

WRIGHT (E. Perceval). *See* Natural history review, 1859, 1861-2.

WRIGHT (W.), of Bristol. Essay on the human ear, including remarks on the causes and increase of the deaf and dumb. London, [Bristol printed, 1817]. 130 p. + 1 pl.

WRIGHT (William), F.R.S. Memoir of W. W., with extracts from his correspondence, and a selection of his papers on medical and botanical subjects. Edinburgh, 1828. 4 + 2 + 456 p. + por.

WRIGHT (William), of Montreal. *See* Medical chronicle, 1858-9.

WRIGHTSON (John). Agricultural machinery. (*In* BEVAN, G. P., British manufacturing industries, 2nd ed., 1877, Ship-building, etc., p. 122-67.)

WÜRTEMBERG. Pharmacopœia Wirtenbergica; jussu domini ducis.

Editio denuo. Stutgardiae, 1786. 14 + 156 + 292 p

WÜRTHNER (R.). Die quantitative Bestimmung des Theins in den Theeblättern, etc. [St. Petersburg, 1872.] 6 p., *n. t.-p.*

WURTZ (Charles Adolphe).

Introduction to chemical philosophy, according to modern theories, by A. C. W. [*sic*]; translated from the French by W. Crookes. London, 1867. 8 + 192 p.

History of chemical theory from the age of Lavoisier to the present time, by A. W.; translated [from the French], and edited, with notes, by H. Watts. London, 1869. 8 + 220 p.

Dictionnaire de chimie pure et appliquée; par A. W., etc. Paris, 187[3]-8. 3 tomes *in 5*, 3 col. pl. *

Note.—Preceded by a “discourse préliminaire,” the French of the History of chemical theory, which see above.

Elements of modern chemistry, by A. W.; transl. and edited from the fourth French ed., by W. H. Greene. Lond., 1879. 688 p.

See also Annales de chimie et de physique, 3-5me sér.

See also Journal de pharmacie et de chimie, 1849-53.

See also Société Chimique de Paris, Bulletin, 1861, 1864-7;— Répertoire de chimie pure, 1860-2.

WYATT (Matthew Digby). Attempt to define the principles which should determine form in the decorative arts. (*In Society for the Encouragement of Arts*, Lectures on the results of the Great Exhibition, 2nd ser., 1853, p. 213-51.)

WYNTER (Andrew). *See British Medical Association*, British medical journal, 1857-60.

WYSS (Theophil). Über die Gewinnung des Perubalsams; [mit Bemerkungen von F. A. Flückiger]. (*In SCHWEIZERISCHER APOTHEKER-VEREIN*, Schweizerische Wochenschrift für Pharmacie, 1878, p. 219-24, with map.)

YARROW (H. C.). *See United States of America, Army Medical Department*, Pamphlets in connection with exhibit, 1876, no. 1.

YATES (James).

On the French system of measures, weights, and coins; with an abstract of the discussion on the paper, edited by C. Manby. London, 1854. 96 p.

Hand-book to accompany the Synoptic table of measures and weights of the metric system constructed by C. H. Dowling. Edinburgh, 1864. 20 p.

See also International Association for Obtaining a Uniform Decimal System, Narrative of origin, etc., 2nd ed., 1856.

Year-book of pharmacy.

See British Pharmaceutical Conference, 1870-9.

See Chemist's desk companion, by C. H. Wood & C. Sharp, 1865-6.

Year-book of therapeutics, pharmacy, and allied sciences; edited by H. C. Wood. New York, 1872. 4 + 360 p.

Yeast.

MACKAY (J.), Supplementary remarks on German yeast, 1861.

— [Production and use of German yeast in this country, 1864].

WERNCKE (W.), Über die Wirkung einiger Antiseptica und verwandter Stoffe auf Hefe, 1879.

YEATS (John). Natural history of commerce, with a list of commercial terms, and their synomyms in several languages. London, 1870. 16 + 436 p. + 1 col. map.

YORKSHIRE COLLEGE, Leeds.

Calendar [of the College], and Prospectus of the Leeds School of Medicine. [Leeds, 1877-9.] 3 vol.

Annual report. Leeds, 1877, 1879. Reports 3 and 5.

YOUATT (William). *See Veterinarian*, 1844.

YOUNMANS (Edward L.). Chemical atlas; or, Chemistry of familiar objects: exhibiting the general principles of the science in a series of diagrams. New York, 1855. 106 p. + 13 col. pl.

YOUNG (George). Treatise on opium. London, 1753. 16 + 184 p.

YOUNG (Thomas). Course of lectures on natural philosophy and the mechanical arts. New edition, with notes, by P. Kelland. London, 1845. 2 vol., 43 pl., 2 tab.

YOUNG (Rev. William). New Latin-English and English-Latin dictionary. Seventh edition. London, 1787. Pages [1-1038]. *

YVAN (Dr.). Lettre sur la pharmacie en Chine. Paris, 1847. 46 p.

YVON (P.). Traité de l'art de formuler, comprenant un abrégé de pharmacie chimique, de matière médicale et de pharmacie galénique. Paris, 1879. 8 + 582 p.

Y-WORTH (W.). Compleat distiller, with Pharmacopœia spagyrica nova. Second edition. London, 1705. 24 + 278 p. + 1 pl.

[Z. (A.)] Remarks on Dossie's Institutes of experimental chemistry, to the authors of the Review, etc. London, 1760. 2 + 18 p.

Note.—See also DOSSIE (R.), Institutes of exp. chemistry, 1759.

ZALEWSKI (Paul). Untersuchungen über das Coniin in forensisch-chemischer Beziehung; Inaugural-Dissertation. Dorpat, 1869. 76 p. (Kaiserliche Universität Dorpat.)

ZAMMINER (Friedrich). *See Jahresbericht über die Fortschritte der reinen ... Chemie, Jahresbericht ... der Physik*, 1857.

ZANICELLI (Joannes Hieronymus). De ferro ejusque nivis præparatione; dissertatio in qua varia de ipso metallo explicantur. Venetiis, 1719. 2 + 48 p. + 2 pl.

ZELLER (G. H.). *See Jahrbuch für practische Pharmacie*, 1848.

Zinc. GRAHAM (W.), Brass founding, tin plate and z. working, 1876.

- ZINOFFSKY (Oscar). Die quantitative Bestimmung des Emetins, des Aconitins und des Nicotins; [Dissertation]. Dorpat, 1872. 32 p. (Kaiserliche Universität Dorpat.)
- ZOOLOGICAL SOCIETY OF PHILADELPHIA. Second annual report; with the first annual report, and proceedings of the first and second annual meetings. Philadelphia, 1874. 32 p. + 5 pl.
- Zoologist, The: a popular miscellany [monthly journal] of natural history; conducted by E. Newman [and J. E. Harting]. London, 1852-79. Vol. 10-23; ser. 2, v. 1-11; ser. 3, v. 1-3; pl., por.
- Zoology. (*See also Anatomy;—Biology;—Natural history;—Physiology; and various branches of zoology.*)
- Annales des sciences naturelles, 1858-79.
- Annals and magazine of natural history, 1851-79.
- BONAPARTE (C. J. L. L.), Observations on the state of zoology in Europe, as regards the vertebrata, 1845.
- BRANDT (J. F.) & J. T. C. RATZEBURG, Medizinische Zool., 1829-33. *
- COULTAS (H.), The plant, an illustration of the organic life of the animal, 1855.
- CUVIER (G. L. C. F. D. DE), Le règne animal, 1817; n. éd., 1829.
- EDWARD (T.), Life of Scotch naturalist, by S. Smiles, 2 ed., 1877.
- FISCHER (G.), Zoognosia, ed. 3, 1813, vol. 1.
- JONES (T. Rymer), General outline of the animal kingdom, 1841; 4th ed., 1871.
- Natural history of animals, 1845-52.
- KIRBY (W.), On the power, wisdom, and goodness of God, as manifested in the creation of animals, 1835.
- LINNEAN SOCIETY OF LONDON, Proceedings, from 1838 to [1875].
- Journal of the proceedings, 185[5]-79.
- Additions to the library, from 1855 to [1875].
- List [of fellows and associates], 1871, 1874-8.
- MCCOY (F.), On the recent zool. and palæontol. of Victoria, 1867.
- MOQUIN-TANDON (H. B. A.), Elements of medical zoology, 1861.
- NICHOLSON (H. A.), Advanced text-book of zoology, 1870.
- Introductory text-book of zoology, 1871.
- Manual of zoology, 2nd ed., 1871.
- Ortus sanitatis, de ... animalibus, etc., 1517. *
- OWEN (R.), Raw materials from the animal kingdom, 1852.
- RAY SOCIETY, Reports on the progress of zoology, 1845.
- SCHÖDLER (F.), Book of nature, ed. by H. Medlock, 1851.
- SIMMONDS (P. L.), Animal products, their preparation, commercial uses, and value, 1877.
- STEPHENSON (J.), Medical zoology and mineralogy, 1838. *
- ZOOLOGICAL SOCIETY OF PHILADELPHIA, (*see above*).
- Zoologist, popular miscellany, [monthly journal,] 1852-79.

ZUCCARINI (Joseph Gerhard).

On the morphology of the coniferæ; transl. by G. Busk. (*In*

RAY SOCIETY, Reports & papers on botany, 1846, p. 1-54, pl. 1-5.)

See also SIEBOLD (P. F. v.) & J. G. Z., Flora Japonica, 1835-70.

ZUCHOLD (Ernst Amandus). Bibliotheca chemica; Verzeichniss der auf dem Gebiete der reinen, pharmaceutischen, physiologischen und technischen Chemie in den Jahren 1840 bis Mitte 1858 erschienenen Schriften. Göttingen, 1859. 4+342 p.

ZWELFER (Joannes).

Animadversiones in Pharmacopœiam Augustanam, etc. (*See*

COLLEGIUM MEDICUM, Augsburg, Pharmacopœia Augustana reformata, cum animadversionibus, 1672, 1675.)

Discursus apologeticus adversus Hippocratem chymicum O. Tachenii; cui et accessere Justissimæ vindiciæ contra F. Verny.

(*See, as above, Collegium Medicum, Augsburg, etc., 1672.*)

Pharmacopœia regia, seu Dispensatorium, annexa etiam Mantissa spagyrica. (*See, as above, Collegium Med., etc., 1672, 1675.*)

ZYPEUS (Franciscus), or VAN DER ZYPE. *See Fundamenta medicinæ, 1714, Note.*

CORRECTIONS.

P. 26, line 10 from bottom, for [.] read [E.]

„ 30, „ 5 „ „ for London, [1838] read [London,] 1838.

„ 31, „ 15 „ „ for 288 read 388.

„ 32, „ 7 „ top, for S8me read Same.

„ „ „ 10 „ bottom, for a + 340 p. read 8 + 340 p.

„ 49, „ 7 „ top, for Flora read Floræ.

„ 50, „ 15 „ „ for Fr. read Eng.

„ 72, „ 11 „ bottom, for 1874-9 read 1874-80.

„ 79, „ 12 „ top, for 1869-79 read 1869-80.

„ 96, „ 15 „ „ add 2 copies.

„ 114, „ 9 „ „ for Beiträgez ur read Beiträge zur.

„ 161, „ 9 „ „ add 2 copies.

„ 190, „ 6 „ „ for yielding read affording.

„ 205, „ 19 „ „ for Mitgleider read Mitglieder.

„ 219, „ 6 „ „ for 79 read 80.

„ 222, „ 16 „ „ add UNIVERSITY COLLEGE HOSPITAL.

„ 287, „ 20 „ bottom, add 2 copies.

„ 314, „ 21 „ top, for 1863 read 1853.

ADDITIONS.

Note.—Entries of works received during progress through the press have been inserted in the main catalogue, where possible; the following entries are mostly those which could not be inserted.)

ALEXANDER *Trallianus*. Pharmacognostische Notizen aus A. T. von F. A. Flückiger. [Halle, 1880.] [10] p., n. t.-p.

AMERICAN PHARMACEUTICAL ASSOCIATION, Philadelphia. Report on the revision of the U. S. pharmacopœia preliminary to the Convention; prepared and compiled by C. Rice, chairman of committee. New York, [privately printed,] 1880. 18 + 202 p.

Annals of chemical medicine, 1879. See THUDICHUM (J. L. W.).

Antiseptics.

WERNCKE (W.), Über die Wirkung einiger Antiseptica und verwandter Stoffe auf Hefe, 1879.

WERNITZ (I.), Über die Wirkung der Antiseptica auf ungeformte Fermente, 1880.

Arsenic. HOGG (J.), Arsenic and arsenical domestic poisoning, 1879.

Bacteria. See also Schizomycetes, in main catalogue.

Bark. See Stem, in main catalogue.

BEALE (Lionel Smith). How to work with the microscope. Fifth edition. London, 1880. 16 + 524 p., 100 pl. *

Benzoate of lithium. See Lithium, Benzoate of.

Bibliography. (See also Literature, in main catalogue.)

ZUCHOLD (E. A.), Bibliotheca chemica, Verzeichniss der ... in den Jahren 1840 bis Mitte 1858 erschienenen Schriften, 1859.

Biography. ALEXANDER *Trallianus*, Pharmacognostische Notizen aus A. T., von F. A. Flückiger, [1880].

Blood. SCHWARTZ (V.), Beiträge zum forensisch-chemischen Nachweise von Blut aus Flüssigkeiten, Harn, Zeug und Erden, [1880].

BLOXAM (Charles Loudon).

Metals: their properties and treatment. Second edition. London, 1871. 4 + 12 + 304 p. (Text-books of science.)

Chemistry, inorganic and organic, with experiments. Fourth edition. London, 1880. 24 + 688 p.

BOE (Franciscus DE LE), SYLVIUS. Practice of physick; translated [from the Latin?] by R. Gower. Second edition. London, 1717. [46] + 512 p.

Note.—Contains an introduction, 19 p., by M. Nedham. The author's name, as given on the title-page, is DE LA BOE; in other parts of the work it is DE LE BOE.

BÖHLENDORFF (Hermann von). Ein Beitrag zur Biologie einiger Schizomyceten; Diss. Dorpat, 1880. 6 + 52 p. (Kais. Univ. Dorp.)

Booksellers' catalogues. FRIEDLÄNDER (R.) & SOHN, 1874-5; 1880.

Boro-citrate of magnesium. See Magnesium, Boro-citrate of.

Borocitric acid. SCHEIBE (E.), Darstellung und Beschreibung der Borocitronensäure und ihrer Salze, 1880.

Botany.

FRIEDLÄNDER (R.) & SOHN, Bibliotheca botanica, 187[3-]4.

GODMAN (F. D.) & O. SALVIN, Biologia Centrali-Americana, [1879,] Botany, by W. B. Hemsley. *

[GREAT BRITAIN AND IRELAND, COMMITTEE OF] COUNCIL ON EDUCATION, Illustrations of principal nat. orders, by [D.] Oliver, 1874.*

HILL (J.), Family Herbal, 1812. *

JOHNSON (C. P.), Useful plants of Great Britain, illustrated by J. E. Sowerby [1867?]. *

MASTERS (M. T.), Vegetable teratology, 1869.

PRIOR (R. C. A.), On the popular names of Brit. plants, 3 ed., 1879.

THEOPHRASTOS *Eresios*, Opera, [ed.] F. Wimmer, 1866.

Calculi and Concretions. MADSEN (H. P.), Sur la solubilité des calculs urinaires dans les solutions de benzoate de lithium et de boro-citrate de magnésium, 1879.

CARR (Henry). Poisons in domestic fabrics in relation to trade and art. London, [1880]. 32 p.

CARTER (Robert Brudenell). Eyesight: good & bad; a treatise on the exercise and preservation of vision. London, 1880. 8 + 268 p.

CAVENDISH (Hon. Henry). Electrical researches, written between 1771 and 1781; edited, from the original mss., [with introduction,] by J. C. Maxwell. Cambridge, 1879. 66 + 456 p. + 3 pl.

CHAUMONT (F. S. B. François DE). See PARKES (E. A.), Manual of practical hygiene, 5th ed., 1878.

Chemistry.

BLOXAM (C. L.), Chemistry, inorganic and organic, 4th ed., 1880.

MASSACHUSETTS COLLEGE OF PHARMACY, Address on relations of chemistry to pharmacy and therapeutics, by T. S. Hunt, 1875.

SCHMIDT (E.), Ausführliches Lehrbuch der pharmaceutischen Chemie, 1879[-80].

Chemistry—(continued).

SCHORLEMMER (C.), *Rise and development of organic chem.*, 1879.

SCHWANERT (H.), *Lehrbuch der pharmaceutischen Chemie*, 1880.

THUDICHUM (J. L. W.), *Annals of chemical medicine*, 1879.

ZUCHOLD (E. A.), *Bibliotheca chemica, Verzeichniss der ... in den Jahren 1840 bis Mitte 1858 erschienenen Schriften*, 1859.

Cochlearia curiosa. See MOLIMBROCHIUS (A. V.), 1676.

Crayfish. HUXLEY (T. H.), *The c., introduction to zoology*, 1880.

DALE (Samuel). *Pharmacologia, seu Manuductio ad materiam medicam. Tertia editio.* Londini, 1737. 6 + 14 + 460 p.

DIOSCORIDES (Pedanios). *De materia medica libri quinque;* [Libri peri deleterion, iobolon kai euporiston spurii ;] ad finem codicum manuscriptorum, editionis Aldinæ principis usquequaque neglectæ, et interpretum prisorum textum recensuit, varias addidit lectiones, interpretationem emendavit, commentario illustravit C. Sprengel. Lipsiæ, 1829–30. 2 tomi. (KÜHN, Medicorum Græcorum opera, vol. 25–6.)

DRESSLER (Christianus Timotheus). See PHÆDRUS (A. L.), *Fabulæ Æsopiæ*, 1860.

Educational year-book for 1880. London. 16 + 490 + 42 p.

EMILIO (Luigi d'). See *Farmacia moderna*, La, 1879.

Eye, Vision, etc. CARTER (R. B.), *Eyesight, good and bad*, 1880.

Farmacia moderna, La; in rapporto al progresso delle scienze mediche; rivista par L. d'Emilio. Napoli, [1879]. Anno 2.

Fermentation. WERNITZ (I.), *Über die Wirkung der Antiseptica auf ungeformte Fermente*, 1880.

FITCH (W[alter]H[ood]). See GREAT BRITAIN AND IRELAND, COMMITTEE OF COUNCIL ON EDUCATION, *Illustrations of natural orders*, 1874.

FLÜCKIGER (Friedrich August). See ALEXANDER Trallianus, *Pharmacognostische Notizen aus A. T.*, von F. A. F., 1880.

FRANKLAND (E[dward]). *Water analysis for sanitary purposes, with hints for the interpretation of results.* London, 1880. 8 + 140 p.

FRIEDLÄNDER (R.) & SOHN, *booksellers*.

Bibliotheca botanica; Lager-Catalog. Berlin, 187[3–]4. [180] p.

Bibliotheca mathematica et physica; Lager-Catalog. Berlin, 1874–5. [182] p.

Bibliotheca historico-naturalis et mathematica; Lager-Catalog. Berlin, 18[78–]80. [1022] p. *

Fruits. PFEIL (T.), *Chemische Beiträge zur Pomologie*, 1880.

GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION, *London*.

Medical students' register; list of students registered during 1879. London, [1880]. 2 + 64 p.

Glasgow. *See* MITCHELL LIBRARY, GLASGOW.

GOWER (Rich.). *See* BOE (F. DE LE), SYLVIUS, Pract. of phys., 1717.

GREAT BRITAIN AND IRELAND. Botany. JOHNSON (C. P.), Useful plants of G. B., illustrated by J. E. Sowerby, [1867?]. *

[—. COMMITTEE OF] COUNCIL ON EDUCATION. Illustrations of the principal natural orders of the vegetable kingdom; prepared for the Science and Art Department, by [D.] Oliver; plates by W. H. Fitch. London, 1874. 8 + 154 p. + 109 col. pl. *

Health and Hygiene. PARKES (E. A.), Manual of practical hygiene, 5th ed., 1878.

HOGG (Jabez).

Arsenic and arsenical domestic poisoning. Lond., 1879. 2 + 16 p.

See also, in main catalogue, Our water supply, 1880, Note.

HUXLEY (T[homas] H[enry]). The crayfish; an introduction to the study of zoology. London, 1880. 2 + 14 + 372 p. + 1 pl. (International scientific series, vol. 28.)

INHABITANT OF WIMBLEDON, AN. *See* Our water supply, 1880, Note.

International scientific series. *See* HUXLEY (T. H.), The crayfish.

JOHNSON (C. Pierpoint). Useful plants of Gt. Britain; illustrated by J. E. Sowerby. London, [1867?]. 4 + 324 p. + 25 col. pl. *

KAISERLICHE UNIVERSITÄT ZU DORPAT.

[Dissertationen.] (*See* the respective authors.)

BÖHLENDORFF (H. v.), Ein Beitrag zur Biologie einiger Schizomyceten, 1880.

KOROLL (J.), Quantitativ-chemische Untersuchungen über die Zusammensetzung der Kork-, Bast-, Sclerenchym- und Markgewebe, 1880.

PFEIL (T.), Chemische Beiträge zur Pomologie, 1880.

SCHEIBE (E.), Darstellung und Beschreibung der Borcitronensäure, 1880.

WERNITZ (I.), Über die Wirkung der Antiseptica auf ungeformte Fermente, 1880.

Untersuchungen aus dem pharmaceutischen Institut. (*See* the author.)

SCHWARTZ (V.), Beiträge zum forensisch-chemischen Nachweise von Blut aus Flüssigkeiten, Harn, Zeug und Erden, [1880].

KOROLL (Joh.). Quantitativ-chemische Untersuchungen über die Zusammensetzung der Kork-, Bast-, Sclerenchym- und Markgewebe; Diss. Dorpat, 1880. 54 p. (Kaiserl. Univ. Dorp.)

KÜHN (Carolus [or Carl] Gottlob). Medicorum Græcorum opera quæ extant. Lipsiæ, 1829–30. Vol. 25–6.

DIOSCORIDES (P.), De materia medica, etc., comment. ill. C. Sprengel.

- LIBORIUS (P[aul]). Untersuchungen über die Wurzelfasern von Rhinacanthus communis. Dorpat, 1880. 12 p.
- Library. MITCHELL LIBRARY, GLASGOW, Report, 1874–9.
- Lithium, Benzoate of. MADSEN (H. P.), Sur la solubilité des calculs urinaires, 1879.

MACMUNN (Charles A[lexander]). The spectroscope in medicine. London, 1880. 14 + 198 p. + 3 col. pl. + 1 uncol. pl.

MADSEN (H. P.). Sur la solubilité des calculs urinaires dans les solutions de benzoate de lithium et de boro-citrate de magnésium. Copenague, 1879. 12 p.

Manchester science lectures. *See* Science lectures.

Materia medica and Therapeutics.

ALEXANDER Trallianus, Pharmacognostische Notizen aus A. T., von F. A. Flückiger, [1880].

DALE (S.), Pharmacologia, 3a ed., 1737.

DIOSCORIDES (P.), De mat. med., comment. ill. Sprengel, 1829–30.

Mathematics.

FRIEDELANDER (R.) & SOHN, Bibliotheca mathematica, 1874–5.

— Bibliotheca historico-naturalis et mathematica, 18[78–]80.*

Medicine. GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION, Medical students' register, list of students registered during 1879.

Medulla or Pith. *See* Stem, in main catalogue.

Mines and Mining. NEW SOUTH WALES, DEPARTMENT OF MINES, Mines and mineral statistics, annual report of the Dept., 1878.

MITCHELL LIBRARY, GLASGOW. Report on the library, 1874–9. Glasgow, 1880. 38 p.

MOLIMBROCHIUS (Andreas Valentinus). Cochlearia curiosa: or Curiosities of scurvygrass; being an exact scrutiny of the nature and medicinal vertue; written in Latine; Englished by T. Sherley. London, 1676. 14 + 224 p.

MORTON (W. J. T.). Manual of pharmacy for the student of veterinary medicine. Eighth edition. London, 1880. 16 + 568 p. + 1 tab.

Natural science.

FRIEDELANDER (R.) & SOHN, Bibliotheca math. et physica, 1874–5.

— Bibliotheca historico-naturalis et mathematica, 18[78–]80.*

ROYAL SOCIETY OF NEW SOUTH WALES, Journal and proceedings [for] 1878, 1879.

Science lectures for the people, Manchester, 1877–9.

NEDHAM (Marchamont). *See* BOE (F. DE LE), SYLVIUS, Practice of physick, 2nd ed., 1717, Note.

NEW SOUTH WALES. DEPARTMENT OF MINES. Mines and mineral statistics; annual report of the Department for 1877. Sydney, 1878. 2 + 6 + 212 p. + 1 pl. + 2 col. maps.

OLIVER (Daniel). *See* GREAT BRITAIN AND IRELAND, COMMITTEE OF COUNCIL ON EDUCATION, Illustrations of natural orders, 1874.

PARKES (Edmund A[lexander]). Manual of practical hygiene. Edited by F. S. B. François de Chaumont; fifth edition. London, 1878. 24 + [744] p. + 9 pl.

PFEIL (Theodor). Chemische Beiträge zur Pomologie; Dissertation. Dorpat, 1880. 48 p. (Kaiserliche Universität Dorp.)

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, *London*.

Extracts from the charter, pharmacy act, and bye-laws, with regulations of the board of examiners, school of pharmacy, etc. London, [1864 ?]. 36 p. *

Note.—The above was the precursor of the Calendar.

Papers read before the School of Pharmacy Students' Association, session 1878-9. Vol. 5, ms. *

Pharmacy. (*See also, above*, PHARMACEUTICAL SOCIETY.)

Farmacia moderna, La, rivista, 1879.

MORTON (W. J. T.), Manual of pharmacy for the student of veterinary medicine, 8th ed., 1880.

SCHMIDT (E.), Ausführliches Lehrbuch der pharmaceutischen Chemie, 1879[-80].

SCHWANERT (H.), Lehrbuch der pharmaceutischen Chemie, 1880.

Physiology. LÖWIG (C.), Principles of organic and physiological chemistry, 1853.

Pith or Medulla. *See* Stem, in main catalogue.

Rhinacanthus communis. LIBORIUS (P.), Untersuchungen über die Wurzelfasern von R. communis, 1880.

ROYAL BOTANIC GARDEN OF EDINBURGH. *See* SADLER (J.), Report on temperatures during the winter of 1878-9, etc., 1880.

SADLER (John). Report on temperatures during the winter of 1878-9 at the Royal Botanic Garden, Edinburgh; the effects of the same on open air vegetation at the Garden and in other parts of Scotland; with table of dates of flowering of spring plants. Edinburgh, 1880. 20 p.

SCHEIBE (Edmund). Darstellung und Beschreibung der Borcictronensäure und ihrer Salze; Dissertation. Dorpat, 1880. 52 p. (Kaiserliche Universität Dorpat.)

SCHWARTZ (Victor). Beiträge zum forensisch-chemischen Nachweise von Blut aus Flüssigkeiten, Harn, Zeug und Erden. [St. Petersburg, 1880.] 28 p. (Kais. Univ. Dorp., Untersuchung.)

Scurvygrass. MOLIMBROCHIUS (A. V.), *Cochlearia curiosa*, 1676.

SOWERBY (John E.). See JOHNSON (C. P.), Useful plants of Gt. Britain.

Spectroscopy. MACMUNN (C. A.), The spectroscope in medicine, 1880.

Temperature. SADLER (J.), Report on temperatures during the winter of 1878–9 at Royal Botanic Garden, Edinburgh, etc., 1880.

UNIVERSITY OF LONDON. Calendar. London, 1880.

Zoology. HUXLEY (T. H.), The crayfish, introd. to zoology, 1880.

N.B.—See Note at top of p. 402, and Explanations on p. 4.

CATALOGUE OF THE LIBRARY

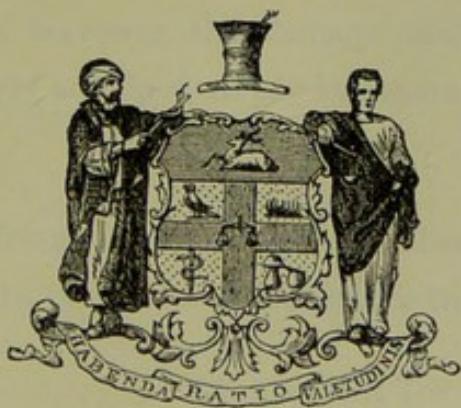
OF THE

Pharmaceutical Society of Great Britain.

NORTH BRITISH BRANCH.

(119A, GEORGE STREET, EDINBURGH.)

FOURTH EDITION.

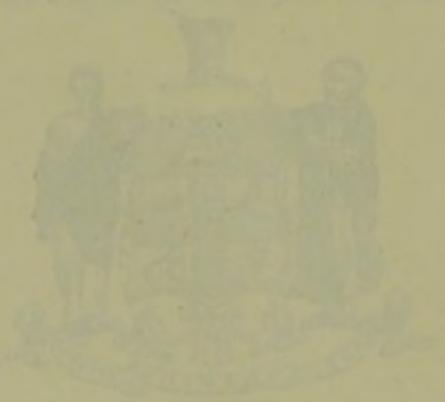


London:

PRINTED FOR THE SOCIETY,
17, BLOOMSBURY SQUARE, W.C.
1880.

ВІДОВИЙ СІМІЙНИЙ
ДІЛОВИЙ ПАСПОРТ

ПОДІЛЛЯНСЬКА
ДІЛІЖНАСТЬ



ПАСПОРТ
ДЛЯ ВІДОВИХ
І ДІВОКІВ

LIBRARY REGULATIONS.

1. The Library is open from TEN a.m. till FOUR p.m., and from EIGHT p.m. till TEN p.m.; Saturdays from TEN a.m. till Two p.m.
2. Members, Associates, and Apprentices of the Society can obtain Library Tickets for the purpose of obtaining books on loan, by applying at the Rooms personally or by writing.
3. No person shall have more than two volumes at a time, and they must not be kept for a longer period than fourteen days; but when a book is returned it may be borrowed again, provided it has not been asked for by another party.
4. When a book is kept beyond the stipulated time, a fine of two-pence for each day will be incurred.
5. If a book is found to have been damaged in any way when in the possession of a borrower, the damage shall be valued by the Council, and the party adjudged to pay the same or replace the book in its original form.
6. Any party desiring a book not in the Library will please enter the name of such work in the book provided for that purpose.

BY ORDER OF THE COUNCIL.

Edinburgh,

February 16th, 1876.

БІОЕТАЛЕНСЬКИЙ УЧИЛИЩЕ

також Іван, які засновали це училище відповідно до писемного згортання, яким відповідь на запитання про заснування та функціонування училища.

Це засновання було зроблено відповідно до писемного згортання, яким відповідь на запитання про заснування та функціонування училища.

Нині засноване таємне училище засновано відповідно до писемного згортання, яким відповідь на запитання про заснування та функціонування училища.

Загальні засновані таємні училища засновано відповідно до писемного згортання, яким відповідь на запитання про заснування та функціонування училища.

Нині засноване таємне училище засновано відповідно до писемного згортання, яким відповідь на запитання про заснування та функціонування училища.

Нині засноване таємне училище засновано відповідно до писемного згортання, яким відповідь на запитання про заснування та функціонування училища.

Загальні засновані таємні училища

засновані таємні училища

засновані таємні училища

CATALOGUE OF THE LIBRARY
OF THE
Pharmaceutical Society of Great Britain,
NORTH BRITISH BRANCH, EDINBURGH.

ABERCROMBIE (John),

Philosophy of the moral feelings. Ninth edition. London, 1853.
Sketch of life and character of Dr. A., by D. MacLagan. Edinburgh, 1854.

Academical examination. *See* REID (D. B.), 1825.

ACCUm (Fredrick). System of theoretical and practical chemistry.
Second edition. London, 1807. 2 vol., pl.

Aconite. FLEMING (A.), Inquiry into the properties, 1845.

Actonian prize essay. FOWNES (G.), Chemistry, 1844.

ÆSOP. *See* PHÆDRUS (A. L.), Fabulæ Æsopiæ, 1860.

Africa, South. LIVINGSTONE (D.), Missionary travels, etc., 1857.

Agriculture.

DAVY (H.), Collected works, 1839–40, vol. 7–8, (*see*).

MONK (J.), Agricultural dictionary, 1794.

AGRIPPA (Henry Cornelius). Life of H. C. A. von Nettesheim;
by H. Morley. London, 1856. 2 vol.

Air.

ARBUTHNOT (J.), Essay concerning effects on human bodies, 1733.

PRIESTLEY (J.), Experiments and observations, 1790.

AITKEN (W.). Science and practice of medicine. Third edition.
London, 1864. 2 vol.

AMERICAN PHARMACEUTICAL ASSOCIATION. Proceedings, 1859, 1862,
1866–9, 1871–5, 1877. Boston and Philadelphia, 1860–78.

Analysis, Chemical. *See* Chemistry.

Anatomy. (*For* Vegetable anatomy, *see* Botany.)

Lectures on comparative anatomy, ms.

QUAIN (J.), Elements of anatomy, 6th ed., 1856.

ANDERSON (Thomas). *See* Edinburgh philosophical journal.

- Animals.** HUXLEY (T. H.), Introduction to classification, 1869.
- Annals of pharmacy and practical chemistry;** edited by W. Bastick and W. Dickinson. London, 1852. Vol. 1.
- Annals of philosophy;** by T. Thomson, *etc.* Lond., 1813–26. 28 v.
- Annuaire pharmaceutique;** par L. Parisel. Paris, [1869].
- Annual report of progress of chemistry, etc.** *See Jahresbericht.*
- APOTHECARIES, SOCIETY OF.** *See Society of Apothecaries.*
- ARBUTHNOT (John).** Essay concerning the effects of air on human bodies. London, 1733.
- Arts.** (*See also Chemistry;—Mechanics.*)
- Journal of natural philosophy, *etc.*, by W. Nicholson, 1797–1802.
- LARDNER (D.), Museum of science and art, 1854.
- URE (A.), Dictionary of arts, manufact. and mines, 4th ed., 1850.
- ASOCIACION FARMACÉUTICA DE BUENOS AIRES.** *See Sociedad de Farmacia Nacional Argentina.*
- Assaying.** MITCHELL (J.), Manual of practical assaying, 1846.
- ATKINSON (E.). *See Ganot (A.), Elem. treatise on physics, 1875.*
- ATTFIELD (John).**
- Introduction to pharmaceutical chemistry. London, 1867.
- Chemistry: general, medical, and pharmaceutical. Fourth [Eng.] edition [of the Introduction]. London, 1872. 3 copies.
- Same.* Sixth [English] edition. London, 1875.
- Microscopic examination of urinary sediments. [London, 1867.]
- BACHE (Franklin).** *See Wood (G. B.) & F. B., Dispensatory.*
- BAILDON (Henry C.).** Baildon's nature-printed ferns; descriptions by T. Moore. London, 1869.
- BAKER (J.).** Epitome of chemistry. Portsmouth, 1838.
- Bakerian lectures.** DAVY (H.), Collected works, 1839–40, vol. 5.
- BAKEWELL (F. C.).** Great facts: popular history and description of remarkable inventions during present century. Lond., 1859.
- BALFOUR (John Hutton).**
- Class book of botany. Edinburgh, 1854. 2 parts.
- Outlines of botany. Edinburgh, 1854.
- Manual of botany. Fourth edition. Edinburgh, 1863.
- Same.* Fifth edition. Edinburgh, 1875.
- First book of botany. London and Glasgow, 1874. Pts. 1–2.
- See also Edinburgh philosophical journal.*
- BASTICK (William).** *See Annals of pharmacy and pract. chemistry.*
- BATE (George).**
- Pharmacopœia Bateana. Curâ J. S[hipton]; editio tertia, cum appendice. Londini, 1700.
- Eng. Pharmacopœia Bateana, or Bate's dispensatory; translated from the Latin, by W. Salmon. London; 1694.

- BATES (Joseph). *See Journal of materia medica*, 1859.
- BEALE (Lionel S.). How to work with the microscope. Fourth edition. London, 1868.
- BEASLEY (Henry).
- Pocket formulary. Ninth edition. London, 1872.
 - Book of prescriptions. Fifth edition. London, 1876.
- BENTHAM (George). Handbook of the British flora ; with illustrations. London, 1865. 2 vol.
- BENTLEY (Robert).
- Manual of botany. Second edition. London, 1870.
 - Same*. Third edition. London, 1873.
 - See also* PEREIRA (J.), Manual of materia medica, etc.
 - & H. TRIMEN. Medicinal plants. London, 1880. 4 vol.
- BERGMAN (Torbern [Olof]).
- Outlines of mineralogy ; tr. by W. Withering. Birmingham, 1783.
 - Physical and chemical essays. Edinburgh, 1791. Vol. 3.
- BERZELIUS (Jöns Jakob).
- View of the progress and present state of animal chemistry ; translated from the Swedish. London, 1818.
 - Traité de chimie ; par B. Valerius. Bruxelles, 1838. 3 tomes.
- Bible. Selectæ è vet. testamento historiæ. Ed. nova. Etonæ, 1839.
- BILLING (Archibald).
- First principles of medicine. Fourth edition. London, 1841.
 - Diseases of the lungs and heart. London, 1852.
- Biography. (*See also* BROUGHAM, H. ;—BROWN, J.)
- ABERCROMBIE (J.), Sketch of life & character, by Maclagan, 1854.
 - AGRIPPA (H. C.), Life of H. C. A. von Nettesheim, by Morley, 1856.
 - CAVENDISH (H.), Life of H. C., by G. Wilson, 1851.
 - DAVY (H.), Memoirs of life of H. D., by J. Davy, 1839.
 - Life of H. D., by J. A. Paris, 1831.
 - FERGUSSON (W.), Notes & recollections of a professional life, 1846.
 - NEWTON (I.), Memoirs of I. N., by D. Brewster, 1860.
 - PHÆDRUS (A. L.), Fabulæ, vita, etc., 1860.
 - REID (J.), Life of Dr. J. R., by G. Wilson, 1852.
 - STEPHENSON (G.), Story of life of G. S., by S. Smiles, 1860.
 - VICARS (H.), Memorials of Captain Vicars, 1856.
 - WILSON (G.), Memoir of G. W., by J. A. Wilson, 1860.
- BISCHOF (Gustav). Elements of chemical and physical geology ; translated. London, 1854—5. Vol. 1—2. (Cavendish Society.)
- BLASIUS (Gerardus). *See* MORELLUS (P.), Meth. præscrib., 1680.
- Blood. REES (G. O.), On the analysis of blood and urine, [1836 ?].
- BLOXAM (Charles Loudon). Chemistry, inorganic and organic, with experiments. Second edition. London, 1872.
- BLYTH (John). *See* LIEBIG (J. v.), Familiar letters on chem., 1859.

- BOOTH (James C.) & C. MORFIT. Report on recent improvements in chemical arts. (*See* SMITHSONIAN INSTITUTION, 1851.)
- Botany.** (*See also* Agriculture;—Horticulture, etc.)
- BALFOUR (J. H.), Class book of botany, 1854.
 - Outlines of botany, 1854.
 - Manual of botany, 4th ed., 1863; 5th ed., 1875.
 - First book of botany, 1874.
- BENTHAM (G.), Handbook of British flora, with illustr., 1865.
- BENTLEY (R.), Manual of botany, 2nd ed., 1870; 3rd ed., 1873.
- & H. TRIMEN, Medicinal plants, 1880.
- Dictionnaire botanique et pharmaceutique, 1802.
- GERARD (J.), Herball, or Generall historie of plantes, 1633.
- GRAVES (G.) & J. D. MORRIES, Hortus medicus, figures and descriptions of important plants used in medicine, 1834.
- GREW (N.), Anatomy of plants, etc., 1682.
- HANBURY (D.), Science papers, pharmacol. and botanical, 1876.
- Historia plantarum**, 1561.
- NEES VON ESENBECK (T. F. L.), Plantæ medicinales, 1828–33.
- NOOTEN (B. H. VAN), Fleurs, fruits, et feuillages de Java, 1863.
- PRIOR (R. C. A.), On the popular names of British plants, 1863.
- YOKOUSSAI IINOUMA, [Botany of Japan].
- BOUDAULT (P. C.). On pepsine. Second edition. London, 1858.
- BRADLEY** (Thomas).
- See* FOX (J.) & T. B., New medical dictionary, 1803.
 - See* Medical and physical journal, 1799–1801.
- BRAITHWAITE (W. & J.). *See* Retrospect of medicine, 1840–69.
- BRANDE (William Thomas) & A. S. TAYLOR. Chemistry. Lond., 1863.
- Bread.** MACLAGAN (D.), On the composition of bread, 1855.
- BREWSTER (Sir David).
- See* Edinburgh philosophical journal.
 - See* NEWTON (I.), Memoirs of Sir Isaac N., 1860.
- Bridgewater treatise.** PROUT (W.), Chemistry, etc., [2nd ed.,] 1834.
- BRISTOW (H. W.). Glossary of mineralogy. London, 1861.
- BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. Report, 1845[–61]. London, 1846–62.
- British flora.** *See* Botany.
- BRITISH PHARMACEUTICAL CONFERENCE. Year-book of pharmacy, with proceedings [transactions] of the B.P.C. London, 1870–9.
- BROUGH (John Cargill). *See* COOLEY (A. J.), Cyclopædia, 4 ed., 1864.
- BROUGHAM (Henry, Lord). Lives of philosophers of the time of George III. London, 1855.
- BROWN (Alexander Crum) & T. R. FRASER. On the connection between chemical constitution and physiological action. Cambridge, 1868.

- BROWN (Isaac Baker). On scarlatina. London, 1846.
- BROWN (John), *M.D.* Horæ subsecivæ. Edinburgh, 1862.
- BUCHAN (William). Domestic medicine. London, 1792.
- BUIGNET (Henri). Nouveau procédé de dosage de l'acide carbonique dans les eaux minérales, suivi de considérations sur la constitution des eaux de Vichy. Paris, 1856.
- BURMEISTER (H.). Manual of entomology; translated by W. E. Shuckard. London, 1836.

Calculus. HIGGINS (W.), Comparative view of phlogistic ... theories, with Analysis of the human calculus, etc., 1789.

Caloric. METCALFE (S. L.), Caloric, its agencies in nature, 1843.

CAMPBELL (Hector). See ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia, translated, 1809.

Canadian pharmaceutical journal, 1874–80. See ONTARIO COLLEGE.

Carbonic acid. BUIGNET (H.), Nouveau procédé de dosage de l'acide carbonique dans les eaux minérales, 1856.

CARPENTER (William Benjamin). The microscope and its revelations. Fifth edition. London, 1875.

CARSON (Joseph). See UNIVERSITY OF PENNSYLVANIA, Medical commencement, with valedictory, 1860;—Introd. lecture, 1860.

Catalogues. See Libraries;—Museum; etc.

CAVENDISH (Hon. Henry). Life of H. C., including abstracts of scientific papers, etc.; by G. Wilson. Lond., 1851. (Cavendish Soc.)

CAVENDISH SOCIETY, London. Works. See BISCHOF (G.);—CAVENDISH (H.);—GMELIN (L.).

CHAMBERS (Robert).

Domestic annals of Scotland. Edinburgh, 1859. 2 vol.

Traditions of Edinburgh. Edinburgh, [18—].

[CHARAS (Moïse) or] Moses CHARRAS. Royal pharmacopœia, Galenical and chymical; Englished [from the French]. London, 1678.

Chelsea Botanic Garden. SOCIETY OF APOTHECARIES, Memoirs, historical and illustrative, by H. Field, 1820.

Chemical news; edited by W. Crookes. Lond., 1860–4. Vol. 1–10.

CHEMICAL SOCIETY OF LONDON.

Journal. London, 1867–74. Vol. 20–7.

Note.—Also an imperfect set from 1875 to 1879, vol. 28–36.

Catalogue of the library. London, 1869.

Chemist, The; edited by C. and J. Watt. London, 1840–3.

Chemist and druggist, The. London, 1873–80.

Chemistry, including Chemical analysis and Chemical technology.

(See also preceding headings; also Geology;—Phlogiston;—Wine, etc.)

ACCUM (F.). System of chemistry, 2nd ed., 1807.

Annals of pharmacy and practical chemistry, 1852.

Chemistry—continued.

- ATTFIELD (J.), Introduction to pharmaceutical chemistry, 1867.
- Chemistry, general, medical, and pharmaceutical, 4th ed. [of Introduction], 1872; 6th ed., 1875.
- BAKER (J.), Epitome of chemistry, 1838.
- BERGMAN (T. [O.]), Physical and chemical essays, 1791.
- BERZELIUS (J. J.), View of animal chemistry, transl., 1818.
- Traité de chimie, par B. Valerius, 1838.
- BLOXAM (C. L.), Chemistry, inorganic and organic, 2nd ed., 1872.
- BOOTH (J. C.) & C. MORFIT, Report on chemical arts, 1851.
- BRANDE (W. T.) & A. S. TAYLOR, Chemistry, 1863.
- BROWN (A. C.) & T. R. FRASER, On the connection between chemical constitution and physiological action, 1868.
- DAVY (H.), Collected works, ed. by J. Davy, 1839–40.
- DOSSIE (R.), Elaboratory laid open, secrets of ch. revealed, 1758.
- FARADAY (M.), Chemical manipulation, new ed., 1830; 3 ed., 1842.
- FOURCROY (A. F. DE), Philosophie chimique, nouv. éd.
- Elements of natural history and chemistry, 1790.
- FOWNES (G.), Chemistry, as exemplifying the wisdom and beneficence of God, 1849.
- Manual of elementary chem., 5th ed., 1854; 12th ed., 1877.
- FRESENIUS (C. R.), Qualitative analysis, 3 ed., 1850; 9 ed., 1876.
- Quantitative chemical analysis, 7th ed., 1876.
- FYFFE (A.), Elements of chemistry, 1830.
- GMELIN (L.), Handbook of chemistry, tr. by H. Watts, 1848–72.
- GRAHAM (T.), Elements of chemistry, 2nd ed., 1850–8.
- GRAY (S. F.), The operative chemist, 1831.
- GREGORY (W.), Handbook of organic chemistry, 3rd ed., 1852.
- Handbook of inorganic chemistry, 4th ed., 1857.
- GRIFFIN (J. J.), Chemical recreations, 10th ed., 1854–60.
- Jahresbericht, Eng., Annual report of progress [for 1847–50].
- JOHNSTON (J. F. W.), Chemistry of common life, 1855.
- Journal of natural philosophy, etc., by W. Nicholson, 1799–1802.
- KANE (R. [J.]), Elements of chemistry, 2nd ed., 1849.
- LIEBIG (J. V.), Familiar letters, 3rd ed., 1851; 4th ed., 1859.
- MACADAM (S.), Practical chemistry, 1873.
- MILLER (W. A.), Elements of chemistry, 2nd ed., 1862, pt. 3; 6th ed., 1877–8, pts. 1–2.
- MURRAY (J.), System of chemistry, 1806; 4th ed., 1819.
- NICHOLSON (W.), Dictionary of chemistry, 1808.
- NISBET (W.), General dictionary of chemistry, 1805.
- NOAD (H. M.), Chemical manipulations and analysis, 1852.
- ODLING (W.), Lectures on animal chemistry, 1866.
- PARNELL (E. A.), Elem. of chem. analysis, 1842; new ed. 1845.

Chemistry—continued.

- PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, (*see*).
- PROUT (W.), Chemistry and natural theology, [2nd ed.,] 1834.
- REID (D. B.), Rudiments of chemistry, 1841.
- ROSCOE (H. E.), Lessons in elementary chemistry, 1866.
- ROSE (H.), *Traité de chimie analytique, qualitative*, 1859.
- SHAW (P.), Chemical lectures, read 1731–3.
- SLATER (J.), Handbook of chemical analysis, 1861.
- STEGGALL (J.), First lines for chemists and druggists, 1844.
- SUTTON (F.), Systematic handbook of volumetric analysis, 2nd ed., 1871; 3rd ed., 1876.
- THENARD (L. J.), Essay on chemical analysis, translated, 1819.
- TURNER (E.), Elements of chemistry, 8th ed., 1857.
- VACHER (A.), Primer of chemistry, 1877.
- WATTS (H.), Dictionary of chemistry, 1863–75.
- WELDON (W.), Popular explanation of chemistry, [1824 ?].
- WILSON (G.), Chemistry, revised by S. Macadam, 1857.
— Inorganic chemistry, revised by S. Macadam, 3rd ed., 1866.
- WITTSTEIN (G. C.), Practical pharmaceutical chemistry, 1853.
- CHEVALLIER ([Jean Baptiste] A[iphonse]). *Mémoire sur les incendies et inflammations spontanés*. [Paris, 1841.]
- CHICAGO COLLEGE OF PHARMACY. Pharmacist. Chicago, 1869–80.
- Children. UNDERWOOD (M.), Treatise on diseases, 6th ed., 1811.
- CHILDREN (John George). *See* THENARD (L. J.), Essay on analysis.
- Chinese language. T'ONG TING-KÜ, Chin. & English instructor, 1862.
- CHRISTISON (Sir Robert).
Treatise on poisons. Third edition. Edinburgh, 1836.
- Dispensatory, or Commentary on the pharmacopœias of Great Britain. Second edition. Edinburgh, 1848. 2 copies.
- CICERO (Marcus Tullius). *Opera*. Oxonii, 1783. 10 tomi.
- CLARIDGE (Capt. R. T.). Hydropathy; cold water cure. Lond., 1843.
- CLARK (J.). First lines of veterinary physiology and pathology. Edinburgh, 1806.
- Clinical cases. HOME (Dr.), Notes on clinical cases, ms.
- Coins. YATES (J.), On the French system of measures, *etc.*, 1855.
- COLLEGIUM MEDICUM, Augsburg. *Pharmacopœia Augustana reformata cum ejus mantissa et appendice, simul cum animadversionibus authore J. Zwelfer; cui annexa est ejusdem authoris Pharmacopœia regia ut et mantissa spagyrica; accessore etiam huic editioni bini discursus apologetici contra O. Tachenium et F. Verny*. Dordrechti, 1672.
- CONRADI (J.). *Synopsis pharmaciæ*. Editio tertia. Lugduni Batavorum, 1712.
- Consumption. YEOMAN (T. H.), Consumption of the lungs, 1848.

COOLEY (Arnold James).

Cyclopaedia of practical receipts. Fourth edition, by A. J. Cooley and J. C. Brough. London, 1864.

Same. Fifth edition, by R. V. Tuson. London, 1872.

Same. Sixth edition, by R. V. Tuson. London, 1880. 2 vol.

COPLAND (James). Dictionary of practical medicine. Lond., 1844. 3 v.

Copper sheathing of ships. *See* DAVY (H.), Coll. works, 1839–40, v. 6.

COSMOS. *See* HUMBOLDT ([F.] A. [H.] v.), 1860.

CRAIG (William). *See* MILNE (A.), Manual of materia medica, 3rd ed., 1876; 4th ed., 1879.

CROOKES (William). *See* Chemical news, 1860–4.

CULLEN (William).

Treatise of the materia medica. Edinburgh, 1789. 2 vol.

First lines of the practice of physic. Edinburgh, 1816. 2 vol.

CULPEPER (Nicholas). *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia Londinensis, or London dispens., 1653, 1661.

CURES. SALMON (W.), History of famous cures.

DALE (H.). *See* THUCYDIDES, History of Peloponnesian War, 1848.

DALE (Samuel). Pharmacologia seu Manuductio ad materiam medicam. Tertia editio. Londini, 1737.

DARBY (Stephen). *See* WITTSTEIN (G. C.), Practical pharm. chem.

DAVY (Sir Humphry).

Collected works; edited by J. Davy. London, 1839–40. 9 vol.

1. Memoirs of the life of H. D., by J. Davy.
2. Early miscellaneous papers.
3. Researches, chemical & philosophical, chiefly concerning nitrous oxide.
4. Elements of chemical philosophy.
5. Bakerian lectures, and miscellaneous papers, 1806–15.
6. Miscellaneous papers and researches, especially on the safety lamp and flame, and on the protection of the copper sheathing of ships, 1815–28.
7. Discourses delivered before the Royal Soc.; Agricultural lectures, pt. 1.
8. Agricultural lectures, pt. 2, and other lectures.
9. Salmonia, or Days of fly-fishing; Consolation in travel.

Life of Sir H. Davy; by J. A. Paris. London, 1831. 2 vol.

DAVY (John). *See* DAVY (H.), Collected works, 1839–40.

DELONDRE (Augustin Ambroise). *See* SOUBEIRAN (J. L.) & A. D., La matière médicale à l'exposition de 1867.

DE QUINCEY (Thomas). Confessions of an English opium eater. Edinburgh, 1856.

DICK (Thomas). The Christian philosopher; or, The connection of science and philosophy with religion. Glasgow, 1857.

DICKINSON (William). *See* Annals of pharmacy and pract. chemistry.

DICKSON (Samuel). Principles of the chrono-thermal system of medicine, etc. London, 1845.

Dictionaries. *See* Encyclopædia; and various languages & subjects.

Dictionnaire botanique et pharmaceutique; par une Société de médecins, de pharmaciens et de naturalistes. Paris, 1802.

Diet. PEREIRA (J.), *Treatise on food and diet*, 1843.

Digestion. PROUT (W.), *Chemistry, ... and the function of digestion, considered with reference to natural theology*, [2nd ed.,] 1834.

Disease. (*See also* individual diseases.)

JACKSON (R. E. SCORESBY-), *On the influence of the weather*, 1863.

Dispensatory, Bate's. *See* BATE (G.), *Pharmacopœia*, 1694.

Dispensatory, Christison's. *See* CHRISTISON (R.), 2nd ed., 1848.

Dispensatory, Edinburgh. *See* ROYAL COLL. OF PHYSICIANS OF EDIN.

Dispensatory, Edinburgh new. *See* DUNCAN jun. (A.), 1803; 2nd ed., 1804; 3rd ed., 1806; 4th ed., 1808; 12th ed., 1830.

Dispensatory, English.

See JAMES (R.), *Pharmacopœia universalis*, 3rd ed., 1764.

See QUINCY (J.), *Pharmacopœia officinalis*, 1726, 1728, 1736.

Dispensatory, London. *See* ROYAL COLL. OF PHYSICIANS OF LOND.

Dispensatory, Medicinal. *See* RENOU (J. DE) or J. RENODÆUS, 1657.

Dispensatory, New. *See* LEWIS (W.), 1753; 3 ed., 1770; 4 ed., 1781.

Dispensatory, United States. *See* WOOD (G. B.) & F. BACHE, 11th ed., 1858; 14th ed., 1879.

DOBELL (Horace). *On the class of medical literature most needed at the present day.* London, 1857.

DOSSIE (Robert). *Elaboratory laid open; secrets of modern chemistry and pharmacy revealed.* London, 1758.

DOWLEANS (A. M.). *See* INDIA, GOVERNMENT, *Official catalogue*, 1862.

DRAPER (Harry Napier). *Manual of the medicinal preparations of iron.* Dublin, 1864. 2 copies.

DRESSLER (Christianus Timotheus). *See* PHÆDRUS (A. L.), *Fabulæ*.

Drugs. *See* **Materia medica and Therapeutics**;—**Pharmacy.**

DUNCAN jun. (Andrew).

Edinburgh new dispensatory. Edinburgh, 1803.

Same. Second edition. Edinburgh, 1804.

Same. Third edition. Edinburgh, 1806.

Same. Fourth edition. Edinburgh, 1808.

Same. Twelfth edition. Edinburgh, 1830.

Notes from lectures on the practice of physic. Ms.

DURHAM UNIVERSITY. *See* UNIVERSITY OF DURHAM.

East. PARK (A.), *Egypt & the East, travels on sea & land*, 1857.

Economy. RUMFORD (Count), *Essays, political, etc.*, 5th ed., 1800.

Edinburgh. (*See also* Dispensatory;—*Pharmacopœia*;—*UNIVERSITY*.)

CHAMBERS (R.), *Traditions of Edinburgh*, [18—].

LITTLEJOHN (H. D.), *Report of the sanitary condition of E.*, 1865.

MILLER (H.), *E. & neighbourhood, geological and historical*, 1864.

Edinburgh philosophical journal.

Edin. phil. journal, by Brewster and Jameson. Edin., 1819–26.

Edin. new phil. journal, by Jameson. Edinburgh, 1826–51.

Same. New [*i.e.*, third] series; editors, T. Anderson, W. Jardine, and J. H. Balfour. Edinburgh, 1855–64.

Edinburgh veterinary review. Edinburgh, 1859.

Education, Medical. GAIRDNER (W. T.), Three lectures, 1858.

Egypt and the East, travels on sea and land. See PARK (A.), 1857.

Elaboratory laid open. See DOSSIE (R.), 1758.

ELLIOT (John). Medical pocket-book. [178–?]. *T.-p. w.*

ELLIOTSON (John). Principles and practice of medicine; edited by N. Rogers. London, 1839.

Encyclopædia Britannica. Third edition. Edinburgh, 1797–1801.
18 vol. + 2 vol. suppl.

England. MACAULAY (*Lord*), History of England, 1851.

English language. OGILVIE (J.), Imperial Eng. dictionary, 1868.

Enquire within upon everything. London, 1857.

Entomology. BURMEISTER (H.), Manual of entomology, 1836.

Epiglottis. GIBB (G. D.), Diseases of the throat, *etc.*, 1860.

Examinations. See subjects of examination.

Exhibitions. See names of places where held.

Exposition universelle de 1867, à Paris; catalogue of the British section. London, 1867.

Fabulæ Æsopiæ. See PHÆDRUS (A. L.), 1860.

FARADAY (Michael).

Chemical manipulation. New edition. London, 1830.

Same. Third edition. London, 1842.

Lectures on the various forces of matter. London, 1860.

FARRE (Frederic John). See PEREIRA (J.), Manual of mat. med.

Farriery. TAPLIN (W.), Gentleman's stable directory, [179–?].

FERGUSSON (William), M.D. Notes and recollections of a professional life. London, 1846.

Ferns.

BAILDON (H. C.), B.'s nature-printed ferns, 1869.

HEATH (F. G.), Fern world, 4th ed., 1878.

Fever, Scarlet. HOOD (P.), On scarlet fever, 1857.

FIELD (Henry). See SOCIETY OF APOTHECARIES, Memoirs of the botanick garden at Chelsea, 1820.

Fires. CHEVALLIER ([J. B.] A.), Mémoire sur les incendies et inflammations spontanés, [1841].

Fishing. DAVY (H.), Collected works, 1839–40, vol. 9, Salmonia, or Days of fly-fishing.

Five gateways of knowledge. See WILSON (G.), 2nd ed., 1857.

- Flame.** *See* DAVY (H.), Collected works, 1839–40, vol. 6.
- FLEMING** (Alexander). Inquiry into the physiological and medicinal properties of aconitum napellus. London, 1845.
- Flora.** *See* Botany.
- FLÜCKIGER** (Friedrich August) & D. HANBURY. Pharmacographia: history of the principal drugs of vegetable origin, met with in Great Britain and British India. London, 1874. 2 copies.
- Food.** PEREIRA (J.), Treatise on food and diet, 1843.
- Footprints of the Creator.** *See* MILLER (H.), 1849.
- Formulary, Pocket.** *See* BEASLEY (H.), 9th ed., 1872.
- Formulary, Universal.** *See* GRIFFITH (R. E.), 2nd ed., 1851.
- FOURCROY** (Antoine François DE).
- Philosophie chimique. Nouvelle édition. Paris.
 - Elements of natural history and chemistry; translated from the third Paris edition. London, 1790. 3 vol.
- FOWNES** (George).
- Chemistry, as exemplifying the wisdom and beneficence of God; [Actonian prize essay]. London, 1849.
 - Manual of elementary chemistry. Fifth edition. London, 1854.
 - Same.* Twelfth edition, by H. Watts. London, 1877. 2 vol.
 - 1. Physical and inorganic chemistry.—2. Organic chemistry.
- FOX** (Joseph) & T. BRADLEY. New medical dictionary. Lond., 1803.
- FRANCE.** Codex medicamentarius, seu Pharmacopœa Parisiensis. Editio quinta. Parisiis, 1758.
- FRANKLIN** (Sir John). *See* MCCLINTOCK (Capt.), Narrative of the discovery of the fate of F. and his companions, 1859.
- FRASER** (Thomas R.). *See* BROWN (A. C.) & T. R. F., On the connection between chemical constitution & physiological action, 1868.
- French language.** SPIERS (A.), Dictionnaire français-anglais et anglais-français, 22me éd., 1872.
- FRESENIUS** (C. Remigius).
- Qualitative analysis. Third edition. London, 1850.
 - Same.* Ninth edition. London, 1876.
 - Quantitative chemical analysis. Seventh ed. Lond., 1876. Vol. 1.
- FULLER** (Thomas).
- Pharmacopœia extemporanea. Editio tertia. Londini, 1705.
 - Same.* Editio sexta. Londini, 1731.
- FUNKE** (P. W.). *See* NEES v. ESENBECK, Plantæ medicin., 1828–33.
- FYFFE** (A.). Elements of chemistry. Edinburgh, 1830.
- GAIRDNER** (W. T.). Three lectures on medicine and medical education. Edinburgh, 1858.
- GANOT** ([Adolphe]). Elementary treatise on physics; translated and edited by E. Atkinson. Seventh edition. London, 1875.

Garden. *See Horticulture.*

GARROD (Alfred Baring).

On the nature and treatment of gout. London, 1863.

Essentials of *materia medica* and therapeutics. Second edition. London, 1864.

GENERAL COUNCIL OF MEDICAL EDUCATION & REGISTRATION, London.

British pharmacopœia. London, 1864.

Same. [Second edition.] London, 1867.

Additions to the British pharmacopœia of 1867. London, 1874.

See also the following works:—

HASELDEN (A. F.), Notes on the British pharmacopœia, 1864.

NEVINS (J. B.), Analysis of the British pharmacopœia, 1864.

SQUIRE (P.), Companion to the British pharmacopœia, 1864;

2nd ed., 1864; 10th ed., 1874; 11th ed., 1877.

Geology.

BISCHOF (G.), Elements of chemical and physical geology, 1854–5.

Jahresbericht, Eng., Annual report of progress [for 1847–50].

MILLER (H.), Footprints of the Creator, 1849.

— The old red sandstone, 1858.

— Testimony of the rocks, 1858.

— Edinburgh and its neighbourhood, 1864.

GERARD (John). Herball ; or, Generall historie of plantes ; enlarged and amended by T. Johnson. London, 1633.

German language. GRIEB (C. F.), Germ. and Eng. dictionary, 1873.

GERMANY. Pharmacopœia Germanica. Berolini, 1872.

GIBB (George Duncan). Diseases of the throat, epiglottis, and windpipe. London, 1860.

Gleanings of sacred philosophy. Edinburgh, 1852.

GMELIN (Leopold). Handbook of chemistry; translated by H. Watts. London, 1848–72. 18 vol. and index. (Cavendish Soc.)

GOODEVE (Thomas Minchin). Elements of mechanism. Fourth edition. London, 1874.

Gout. GARROD (A. B.), On the nature and treatment of gout, 1863.

GRAHAM (Thomas). Elements of chemistry. Second edition; partly by H. Watts. London, 1850–8. 2 vol.

GRAVES (G.) & J. D. MORRIES. Hortus medicus; or, Figures and descriptions of the more important plants used in medicine. Edinburgh, 1834.

GRAY (Samuel Frederick).

Supplement to the pharmacopœia; treatise on pharmacology in general. Second edition. London, 1821. 2 copies.

The operative chemist. London, 1831.

Great facts, remarkable inventions. *See* BAKEWELL (F. C.), 1859.

GREGORY (James). Conspectus medicinæ theoreticæ. Edin., 1782.

GREGORY (William).

Handbook of organic chemistry. Third ed. Lond., 1852. 2 copies.

Handbook of inorganic chemistry. Fourth ed. London, 1857.

See also TURNER (E.), Elements of chemistry, 8th ed., 1857.

GREW (Neh.). Anatomy of plants and other lectures. Lond., 1682.

GRIEB (C. F.). German and Eng. dictionary. Stuttgart, 1873. 2 v.

GRIFFIN (John J.). Chemical recreations; popular manual of experimental chemistry. Tenth edition. London, 1854–60. 2 vol.

GRIFFITH (Robert Eglesfield). Universal formulary. Second edition. London, 1851.

GROVE (Sir W. R.). Correlation of physical forces. Sixth edition. London, 1874.

HALL (Marshall). Practical observations and suggestions in medicine. London, 1845.

HANBURY (Daniel).

Science papers, pharmacological and botanical. London, 1876.

See also FLÜCKIGER (F. A.) & D. H., Pharmacographia, 1874.

HARLEY (John). *See* ROYLE (J. F.), Manual of mat. medica, 1876.

HASELDEN (Adolphus Frederick). Notes on the British pharmacopœia. London, 1864.

HAYDN series. *See* RODWELL (G. F.), Dictionary of science, 1878.

HEADLAND (Frederick William).

The actions of medicines. London, 1859.

See also ROYLE (J. F.), Manual of materia medica, 3rd ed., 1856.

HEALDE (Thomas). *See* ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pharmacopœia, translated, with notes, etc., 2nd ed., 1788.

Heart. BILLING (A.), Diseases of the lungs and heart, 1852.

Heat. METCALFE (S. L.), Caloric, its agencies in nature, 1843.

HEATH (F. G.). Fern world. Fourth edition. London, 1878.

HENRY (A.). *See* NEES v. ESENBECK, Plantæ medicinales, 1828–33.

HIGGINS (William). Comparative view of the phlogistic and anti-phlogistic theories; to which is annexed, Analysis of the human calculus, with observations on its origin, etc. London, 1789.

Historia plantarum. Lugduni, 1561.

History. (*See also* various places and subjects.)

TIMBS (J.), Curiosities of history, 1858.

HOLMES (Edward Morell). *See* PHARMACEUTICAL SOC. OF GT. BRITAIN, Catalogue of museum, 1878;—Universal Exhib. report, 1878.

HOME (Dr.). Notes on clinical cases. Edinburgh, 1764. Ms.

HOOD (Peter). On scarlet fever. London, 1857.

Horæ subsecivæ. *See* BROWN (J.), 1862.

Horticulture. (*See also* Chelsea Botanic Garden.)

SMEE (A.), My garden, its plan and culture, 2nd ed., 1872.

- Hortus medicus. *See* GRAVES (G.) & J. D. MORRIES, 1834.
- HOSPITAL FOR DISEASES OF THE THROAT, London. Pharmacopœia; edited by M. Mackenzie. Second edition. London, 1873.
- Hospitals. *See* Pharmacopœia, Hospital.
- HOWARD (John Eliot). Examination of Pavon's collection of Peruvian barks contained in the British museum. London, 1853.
- HUMBOLDT ([F.] A. [H.] v.). Cosmos; sketch of a physical description of the universe; transl. by E. C. Otté. Lond., 1860. 5 v.
- HUNT (Robert). Manual of photography. Third edition. London, 1853.
- HUXLEY (Thomas Henry). Introduction to the classification of animals. London, 1869.
- Hydropathy, or Cold water cure. *See* CLARIDGE (R. T.), 1843.
- Hygiene. PARKES (E. A.), Manual of practical hyg., 4th ed., 1873.

INDIA. GOVERNMENT. Official classified and descriptive catalogue of contributions from India to the London Exhibition, compiled by A. M. Dowleans. Calcutta, 1862.

Inventions. BAKEWELL (F. C.), Great facts, remarkable inv., 1859.

Iron. DRAPER (H. N.), Manual of medicinal preparations, 1864.

JACKSON (Robert Edmund SCORESBY-).

On the influence of the weather upon disease and mortality. Edinburgh, 1863.

Note-book of *materia medica*, pharmacology, and therapeutics. Edinburgh, 1866.

Same. Third edition. Edinburgh, 1875.

Jahresbericht über die Fortschritte der Chemie, etc. Eng. Annual report of the progress of chemistry, physics, mineralogy, and geology [for 1847-50]; by J. Liebig and H. Kopp. London, 1849-53. 4 vol.

JAMES (Robert). Pharmacopœia universalis: or, New universal English dispensatory. Third edition. London, 1764.

JAMESON (Robert). *See* Edinburgh philosophical journal.

Japan, Botany of. *See* YOKOSSAI IINOUMA.

JARDINE (Sir William). *See* Edinburgh philosophical journal.

Java. NOOTEN (B. H. VAN), Fleurs, fruits, et feuillages de J., 1863.

JOHNSON (Thomas). *See* GERARD (J.), Herball, 1633.

JOHNSTON (James Finlay Weir). Chemistry of common life. Edinburgh, 1855. 2 vol.

JONES (Henry Bence). *See* MULDER (J. G.), Chemistry of wine, 1857.

JOURDAN (A[ntoine] J[acques] L[ouis]).

Pharmacopée universelle. Seconde édition. Paris. 1840.

Eng. Pharmacopœia universalis, edited by J. Rennie. London.

Journal of materia medica; by J. Bates and H. A. Tilden. New Lebanon, N.Y., 1859.

Journal of natural philosophy, chemistry, and the arts; by W. Nicholson. London, 1797–1802.

JOYCE (Rev. J.). Scientific dialogues for the instruction of young people. London, 1855.

KANE (Sir Robert [John]). Elements of chemistry. Second edition. Dublin, 1849.

KELLAND (Rev. Philip). See YOUNG (T.), Course of lectures, new ed.

KNIGHT (C.). Half-hours with the best authors. London, [1850?].

Knowledge. WILSON (G.), Five gateways of knowledge, 2 ed., 1857.

KOPP (Hermann). See **Jahresbericht**, Annual report.

Lamp, Safety. See DAVY (H.), Collected works, 1839–40, vol. 6.

Lancet, The. London, 1844–52, 1875.

LARDNER (Dr. D.).

Popular lectures on scientific subjects. London, 1852.

Museum of science and art. London, 1854. 12 vol. in 6.

Latin language.

ROBERTSON (W.), English and Latin dictionary, 1674.

SMITH (W.), Latin and English dictionary, 12th ed., 1874.

Lectures on comparative anatomy. Ms.

LEMERY (Nicolas). See POMET (P.), Compl. history of druggs, 1737.

LESCHER (Frank Harwood). The modified examination of the Pharmaceutical Society. London, 1869.

LEWIS (William).

New dispensatory; intended as a correction and improvement of Quincy. London, 1753.

Same. Third edition. London, 1770.

Same. Fourth edition. London, 1781.

Experimental history of the *materia medica*. London, 1761.

Libraries. See **CHEMICAL SOCIETY OF LONDON**;—**PHARMACEUTICAL SOCIETY OF GREAT BRITAIN**;—**ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH**;—**UNIVERSITY OF EDINBURGH**.

LIEBIG (Baron Justus von).

Familiar letters on chemistry. Third edition. London, 1851.

Same. Fourth edition, by J. Blyth. London, 1859.

See also Jahresbericht, Annual report of chemistry, 1849–53.

See also TURNER (E.), Elements of chemistry, 8th ed., 1857.

Life. (*See also Biography.*)

MATTEUCCI (C.), Lectures on physical phenomena of beings, 1847.

Literature. KNIGHT (C.), Half-hours with the best authors, [1850?].

Literature, Medical. DOBELL (H.), On the class most needed, 1857.

LITTLEJOHN (H. D.). Report of the sanitary condition of Edinburgh. Edinburgh, 1865.

LIVINGSTONE (David). Missionary travels and researches in South Africa. London, 1857.

London. International Exhibition of 1862.

INDIA, GOVERNMENT, Official catalogue of contributions, 1862.

Record of the International Exhibition, 1862.

Lungs, Consumption of. See YEOMAN (T. H.), 1848.

Lungs, Diseases of. See BILLING (A.), 1852.

MACADAM (Stevenson).

Practical chemistry. Edinburgh, 1873.

See also WILSON (G.), Chemistry, 1857;—Inorganic chem., 1866.

MACAULAY (Lord). History of England. London, 1851. 4 vol.

McCLINTOCK (Captain). Narrative of the discovery of the fate of Sir John Franklin and his companions. London, 1859.

MACKENZIE (Morell). See HOSPITAL FOR DISEASES OF THE THROAT.

MACLAGAN (Douglas).

On the composition of bread. Edinburgh, 1855.

See also ABERCROMBIE (J.), Sketch of life, etc., by D.M., 1854.

MACNAMARA (Rawdon). See NELIGAN (J. M.), Medicines, 7 ed., 1867.

MADAN (H. G.). See WILSON (G.), Inorganic chemistry, 4 ed., 1872.

Magnetism. SCORESBY (W.), Magnetical investigations, 1844.

MANBY (Charles). See YATES (J.), On the French system of measures.

Manufactures. URE (A.), Dictionary of arts, etc., 4th ed., 1850.

Manuscripts.

Physicians' holograph prescriptions. 4 vol.

See also DUNCAN jun. (A.);—HOME (Dr.);—Lectures on anatomy.

MARTIN (G.). Essay on thermometers. Edinburgh, 1780.

Materia medica and Therapeutics. (See also Dispensatory;—Formulary;—Pharmacopœia;—Pharmacy, etc.)

BENTLEY (R.) & H. TRIMEN, Medicinal plants, 1880.

Chemist and druggist, 1873–80.

CULLEN (W.), Treatise of the materia medica, 1789.

DALE (S.), Pharmacologia, 3a ed., 1737.

FLÜCKIGER (F. A.) & D. HANBURY, Pharmacographia, 1874.

GARROD (A. B.), Essentials of mat. med. and ther., 2nd ed., 1864.

GERARD (J.), Herball, or Generall historie of plantes, 1633.

GRAVES (G.) & J. D. MORRIES, Hortus medicus, 1834.

GRAY (S. F.), Supplement to the pharmacopœia, 2nd ed., 1821.

HANBURY (D.), Science papers, pharmacological & botan., 1876.

HEADLAND (F. W.), The actions of medicines, 1859.

JACKSON (R. E. SCORESBY-), Note-book of materia medica, pharmacology, and therapeutics, 1866; 3rd ed., 1875.

Materia medica and Therapeutics—continued.

- Journal of *materia medica*, New Lebanon, N.Y., 1859.
- LEWIS (W.), Experimental history of the *materia medica*, 1761.
- MILNE (A.), Manual of *materia medica* and therapeutics, 1869; 3rd ed., 1876; 4th ed., 1879.
- MITSCHERLICH (C. G.), Lehrbuch der Arzneimittellehre, 1847–9.
- NEES VON ESENBECK (T. F. L.), Plantæ medicinales, 1828–33.
- NELIGAN (J. M.), Medicines, 3 ed., 1851; 5 ed., 1858; 7 ed., 1867.
- PARIS (J. A.), Pharmacologia, 2nd ed., 1843.
- PEREIRA (J.), [Elements of *materia medica* and therapeutics, 1839–40?]; 2nd ed., 1842;—abridgments, 1865, 1872.
- PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, (see).
- POMET (P.), Compleat history of druggs, 3rd ed., 1737.
- ROYLE (J. F.), Manual of *materia medica* and therapeutics, 3rd ed., 1856; 6th ed., 1876.
- SOUBEIRAN (J. L.) & A. [A.] DELONDRE, La matière médicale à l'exposition de 1867.
- Matter, Forces of.** FARADAY (M.), Lectures, 1860.
- MATTEUCCI (Carlo). Lectures on physical phenomena of living beings; translated by J. Pereira. London, 1847.
- MEAD (Richard). Mechanical account of poisons. London, 1702.
- Measures.** YATES (J.), On the French system, 1855.
- Mechanics.** YOUNG (T.), Course of lectures on natural philosophy and the mechanical arts, new ed.
- Mechanism.** GOODEVE (T. M.), Elements of mech., 4th ed., 1874.
- Medical and physical journal**, by T. Bradley and A. F. M. Willich, etc. London, [1799]–1801. Vol. 1–6.
- Medicine or Physic.** (See also Chemistry;—Cures;—Disease;—Dispensatory;—Formulary;—Hygiene;—*Materia medica* and Therapeutics;—Pharmacopœia;—Pharmacy;—Prescribing and Prescriptions;—Surgery;—Veterinary art, etc.)
- AITKEN (W.), Science and practice of medicine, 3rd ed., 1864.
- BILLING (A.), First principles of medicine, 4th ed., 1841.
- BUCHAN (W.), Domestic medicine, 1792.
- COPLAND (J.), Dictionary of practical medicine, 1844.
- CULLEN (W.), First lines of the practice of physic, 1816.
- DICKSON (S.), Principles of the chrono-thermal system, 1845.
- DOBELL (H.), On the class of literature most needed, 1857.
- DUNCAN jun. (A.), Notes from lectures on practice of physic, ms.
- ELLIOT (J.), Medical pocket-book, [178–?].
- ELLIOTSON (J.), Principles and practice of medicine, 1839.
- FOX (J.) & T. BRADLEY, New medical dictionary, 1803.
- GAIRDNER (W. T.), Three lectures on medicine, etc., 1858.
- GREGORY (J.), Conspectus medicinæ theoreticæ, 1782.

Medicine or Physic—continued.

- HALL (M.), Practical observations and suggestions in med., 1845.
 HOME (Dr.), Notes on clinical cases, ms.
Lancet, The, 1844–52, 1875.
Medical and physical journal, 1799–1801.
 MOTHERBY (G.), New medical dictionary, 2nd ed., 1785.
Retrospect of medicine, by W. and J. Braithwaite, 1840–69.
 ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, (*see*).
 ROYAL COLLEGE OF PHYSICIANS OF LONDON, (*see*).
 SOCIETY OF APOTHECARIES, Address to general practitioners, 1845.
 STRUTHERS (J.), On the study of medicine, 1856.
 THOMAS (R.), Modern practice of physic, 1853.
 UNIVERSITY OF PENNSYLVANIA, (*see*).
 WATSON (T.), Lectures on principles and practice of physic, 1857.

Memoirs. See Biography.

- METALS. MITCHELL (J.), Manual of practical assaying, 1846.
 METCALFE (S. L.). Caloric, its agencies in the phenomena of nature.
 London, 1843. 2 vol.

Meteorology.

- JACKSON (R. E. SCORESBY-), On the influence of weather upon
 disease and mortality, 1863.
 PROUT (W.), Chemistry, meteorology, and natural theology, 1834.

Microscopy.

- BEALE (L. S.), How to work with the microscope, 4th ed., 1868.
 CARPENTER (W. B.), The microscope, 5th ed., 1875.
 MILLER (Hugh).
 Footprints of the Creator. Edinburgh, 1849.
 My schools and schoolmasters. Edinburgh, 1857.
 Testimony of the rocks. Edinburgh, 1858.
 The old red sandstone. Edinburgh, 1858.
 Edinburgh and its neighbourhood: geological and historical.
 Edinburgh, 1864.

MILLER (William Allen).

- Elements of chemistry. Second edition. London, 1862. Pt. 3.
 Same. Sixth edition. London, 1877–8. Pts. 1–2.
 1. Chemical physics.—2. Inorganic chemistry.—3. Organic chemistry.

MILNE (Alexander).

- Manual of *materia medica* and therapeutics. Edinburgh, 1869.
 Same. Third edition, by W. Craig. Edinburgh, 1876.
 Same. By W. Craig; fourth edition. Edinburgh, 1879.

Mineralogy. (For Mineral waters, see Waters, Mineral.)

BERGMAN (T. [O.]), Outlines of mineralogy, translated, 1783.

BRISTOW (H. W.), Glossary of mineralogy, 1861.

Jahresbericht, Eng., Annual report of progress [for 1847–50].

- Mines. URE (A.), Dictionary of arts, *etc.*, 4th ed., 1850.
- Missionary travels in South Africa. *See* LIVINGSTONE (D.), 1857.
- MITCHELL (John). Manual of practical assaying. London, 1846.
- MITTSCHERLICH (C[arl] G[ustav]). Lehrbuch der Arzneimittellehre. Zweite Auflage. Berlin, 1847-9. Bd. 1-2.
- MOHR (Carl Friedrich). Practical pharmacy; by Francis [*sic*] M. and T. Redwood; [translation, with additions]. London, 1849.
- MONK (J.). Agricultural dictionary. London, 1794. 3 vol.
- MOORE (Thomas). *See* BAILDON (H. C.), B.'s nat.-printed ferns, 1869.
- Moral feelings. ABERCROMBIE (J.), Philosophy, 9th ed., 1853.
- MORELLUS (Petrus). Methodus præscribendi formulas remediorum, recens. a G. Blasio. Amstelodami, 1680.
- MORFIT (Campbell). *See* BOOTH (J. C.) & C. M., Report on recent improvements in the chemical arts, 1851.
- MORLEY (H.). *See* AGRIPPA (H. C.), Life of H. C. A., 1856.
- MORRIES (J. D.). *See* GRAVES (G.) & J. D. M., Hortus medicus, 1834.
- Mortality. JACKSON (R. E. S.-), On the influence of weather, 1863.
- MOTHERBY (G.). New medical dictionary; or General repository of physic. Second edition. London, 1785.
- MULDER (G[errit] J[an]). Chemistry of wine; [translated from the German, and] edited by H. B. Jones. London, 1857.
- MURRAY (John).
- System of chemistry. Edinburgh, 1806. 4 vol.
- Same.* Fourth edition. Edinburgh, 1819. Vol. 1.
- Museum. *See* PHARMACEUTICAL SOCIETY OF GREAT BRITAIN.
- Museum of science and art. *See* LARDNER (D.), 1854.

NATIONAL ASSOCIATION OF GENERAL PRACTITIONERS. *See* SOCIETY OF APOTHECARIES, Address to general practitioners, 1845.

NATIONAL CONVENTION FOR REVISING THE PHARMACOPÆIA, formerly NATIONAL MEDICAL CONVENTION, Washington.

Pharmacopœia of the United States of America. [Second decennial revision.] Philadelphia, 1842.

Same. Second edition [of third revision]. Philadelphia, 1855.

Natural history. FOURCROY (A. F. DE), Elements of natural history and chemistry, 1790.

Natural science. (*See also* individual branches, as Physics, *etc.*)

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF S., Report, 1845-61.

DICK (T.), The Christian philosopher, 1857.

JOYCE (J.), Scientific dialogues for young people, 1855.

LARDNER (D.), Popular lectures on scientific subjects, 1852.

— Museum of science and art, 1854.

Novelties in experimental science, [1860 ?].

RODWELL (G. F.), Dictionary of science, 1871.

Natural science—continued.

ROYAL SOCIETY OF LONDON, Philosophical transactions, 1665–1800,
1842–6.

— Proceedings, 1867–74.

TIMBS (J.), Curiosities of science, 1858.

Natural theology. *See Theology, Natural.*

Nature printing. BAIRDON (H. C.), B.'s nature-printed ferns, 1869.

NEES VON ESENBECK (Theodor Friedrich Ludwig). Plantæ medicinales, oder Sammlung offizineller Pflanzen; mit lithographischen Abbildungen von A. Henry und Beschreibungen von M. F. Weyhe, J. W. Wolter und P. W. Funke. Düsseldorf, 1828–33. 2 vol. pl., 2 vol. letterpress.

NELIGAN (John Moore).

Medicines, their uses and mode of administration. Third edition. Dublin, 1851.

Same. Fifth edition. Dublin, 1858.

Same. By R. Maenamara; seventh edition. Dublin, 1867.

NETTESHEIM (H. C. A. von). *See* AGRIPPA (H. C.), Life, 1856.

NEVINS (John Birkbeck). Analysis of the British pharmacopœia. London, 1864.

NEWTON (Sir Isaac). Memoirs of Sir I. N., by Sir David Brewster. Edinburgh, 1860. 2 vol.

NICHOLSON (William).

Dictionary of chemistry. London, 1808.

See also Journal of natural philosophy, etc., 1797–1802.

NISBET (William). General dictionary of chemistry. Lond., 1805.

Nitrous oxide. *See* DAVY (H.), Collected works, 1839–40, vol. 3.

NOAD (H. M.). Chemical manipulations and analysis. Lond., 1852.

NOOTEN (B. H. van). Fleurs, fruits et feuillages choisis de la flore et de la pomme de l'île de Java. Bruxelles, 1863.

Novelties in experimental science. Glasgow, [1860 ?].

ODLING (William). Lectures on animal chemistry. London, 1866.

OGILVIE (J.). Imperial English dictionary, technological and scientific. London, 1868. 2 vol.

ONTARIO COLLEGE OF PHARMACY. Canadian pharmaceutical journal. Toronto, 1874–80.

Opium. DE QUINCEY (T.), Confessions of an English opium eater, 1856.

OTTÉ (E. C.). *See* HUMBOLDT (F. A. H. v.), Cosmos, transl., 1860.

Oxide, Nitrous. *See* DAVY (H.), Collected works, 1839–40, vol. 3.

Paris. Exposition universelle de 1867.

Exposition universelle, catalogue of the British section, 1867.

Paris. *Exposition universelle de 1867—continued.*

SOUBEIRAN (J. L.) & A. [A.] DELONDRE, *La matière médicale à l'exposition de 1867*, 1868.

—. *Exposition universelle de 1878. PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Universal International Exhibition, report on exhibits connected with *materia medica*, pharmacy, chemical industry, etc., by B. H. Paul, E. M. Holmes, and F. [R. B.] Passmore*, 1878.

PARIS (John Ayrton).

Pharmacologia. Second edition. London, 1843.

See also DAVY (Sir H.), Life, by J. A. P., 1831.

PARISEL (L.). *See Annuaire pharmaceutique*, 1869.

PARK (A.). *Egypt and the East; travels on sea and land*. Edinburgh, 1857.

PARKES (Edmund Alexander). *Manual of practical hygiene*. Fourth edition. London, 1873.

PARNELL (Edward Andrew).

Elements of chemical analysis. London, 1842.

Same. New edition. London, 1845.

PARRISH (Edward). *Treatise on pharmacy*. Third edition. Philadelphia, 1864. 2 copies.

PASSMORE (Francis Richard Bonds). *See PHARMACEUTICAL SOCIETY OF GT. BRITAIN, Universal International Exhibition, report, 1878.*

PAUL (Benjamin Horatio). *See PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Universal International Exhibition, report, 1878.*

PAVON (José). *See HOWARD (J. E.), Exam. of Peruv. barks*, 1853.

Peloponnesian War. THUCYDIDES, *History of P. W.*, translated, 1848.

PEMBERTON (H.). *See ROYAL COLLEGE OF PHYSICIANS OF LONDON, Dispensatory, translated, with remarks, &c.*, 1746.

PENNSYLVANIA, UNIVERSITY OF. *See UNIVERSITY OF PENNSYLVANIA.*

Pepsine. BOUDAULT (P. C.), *On pepsine*, 2nd ed., 1858.

PEREIRA (Jonathan).

[*Elements of *materia medica* and therapeutics*. London, 1839.]

Vol. 1, p. 1–160, *t.-p. w.*

Same. Second edition. London, 1842. Vol. 1.

*Manual of *materia medica* and therapeutics; abridgement of the Elements*, by F. J. Farre, R. Bentley, and R. Warington. London, 1865. 2 copies.

*Elements of *materia medica* and therapeutics, abridged*; edited by R. Bentley and T. Redwood. London, 1872.

Treatise on food and diet. London, 1843.

Selecta è præscriptis. Fifteenth edition. London, 1869.

See also MATTEUCCI (C.), Lectures on physical phenomena, 1847.

Perfumery. PISSÉ (G. W. S.), *Art of perfumery*, 2nd ed., 1856.

Periodicals. See the first word of the title of the periodical, omitting the article. Publications of societies or other bodies will be found under the names of such societies or bodies.

PHÆDRUS (Augustus Libertus). *Fabulæ Æsopiæ, recognovit atque de poetæ vita et fabulis præfatus est C. T. Dressler.* Lipsiæ, 1860.

Pharmaceutical journal and transactions. See **PHARMACEUT. SOCIETY.**
PHARMACEUTICAL SOCIETY OF GREAT BRITAIN.

Pharmaceutical journal and transactions. London, 184[1]-59.
18 vol. 2 copies.

Same. Second series. London, 18[59]-70. 11 vol.

Same. Third series. London, 187[0]-80. Vol. 1-10.

Same. Index to fifteen volumes. London, 1857.

Same: Index to twelve volumes. London, 1869.

Same. Index to ten volumes. London, 1880.

Catalogue of the library. London, 1853.

Same. [Second edition.] London, 1873.

Calendar. London, 1867, 1870-80. 12 vol.

Registers of pharmaceutical chemists and chemists and druggists.
London, 1869-80. 12 vol.

Catalogue of the library, North British Branch. Edinburgh,
1859, 1865, 1876.

Catalogue of the collections in the museum; compiled by E. M.
Holmes. London, 1878.

Universal International Exhibition, Paris, 1878; report on the
exhibits connected with *materia medica*, *pharmacy*, *chemical
industry*, etc.; by B. H. Paul, E. M. Holmes, and F. [R. B.]
Passmore. London, 1878.

See also LESCHER (F. H.), *The modified examination*, 1869.

See also STEGGALL (J.), *First lines for chemists & druggists*, 1844.

Pharmacist, The, 1869-80. See **CHICAGO COLLEGE OF PHARMACY**.

Pharmacographia. See **FLÜCKIGER** (F. A.) & D. HANBURY, 1874.

Pharmacology. See **Materia medica and Therapeutics**.

Pharmacopœia. (*See also Dispensatory;—Formulary, etc.*)

GRAY (S. F.), *Supplement to the pharmacopœia*, 2nd ed., 1821.

Pharmacopœia Augustana. See **COLLEGIUM MEDICUM**, Augsburg,
Pharm. Aug. reformatum, cum animadversionibus, J. Zwelfer, 1672.

Pharmacopœia Bateana. See **BATE** (G.), 1694, 1700.

Pharmacopœia, British. See **GENERAL COUNCIL OF MEDICAL EDU-
CATION AND REGISTRATION**, 1864, 1867, etc.

Pharmacopœia, Dublin.

See CHRISTISON (R.), *Dispensatory, or Commentary*, 2 ed., 1848.

See ROYAL COLLEGE OF PHYSICIANS OF LONDON, New London
pharmacopœia, translated and arranged with Edinburgh and
Dublin pharmacopœias, by P. Squire, 1851.

- Pharmacopœia Edinburgensis.** *See ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, 1722, 1732, 1756, 1792, 1807, 1813, 1817, 1841, etc.*
- Pharmacopœia extemporanea.**
- *See FULLER (T.), Pharm. extemp., ed. 3, 1705; ed. 6, 1731.*
 - *See QUINCY (J.), Pharm. officinalis et extemp., 1726, 1728, 1736.*
- Pharmacopœia Germanica.** *See GERMANY, 1872.*
- Pharmacopœia, Hospital.**
- HOSPITAL FOR DISEASES OF THE THROAT, *Lond.*, Pharm., 2 ed., 1873.
 - ROYAL HOSPITAL or INFIRMARY, *Edin.*, Pharm. Nosoc., 1752, 1753.
 - ST. THOMAS'S HOSPITAL, *London*, Pharmacopœia Nosocomii, 1867.
 - SQUIRE (P.), Pharmacopœias of London hospitals, 1863.
- Pharmacopœia Londinensis.** *See ROYAL COLLEGE OF PHYSICIANS OF LONDON, 1650, 1677, 1721, 1746, 1747, 1751, 1757, 1766, 1778, 1790, 1836, 1851, etc.*
- Pharmacopœia Norvegica.** *See NORWAY, 1854.*
- Pharmacopœia officinalis et extemporanea.** *See Pharm. extemp.*
- Pharmacopœia Parisiensis.** *See FRANCE, Codex medicam., 1758.*
- Pharmacopœia pauperum.** *See ROYAL HOSPITAL, *Edin.*, 1752-3.*
- Pharmacopœia regia.** *See ZWELFER (J.), 1672.*
- Pharmacopœia, Royal.** *See CHARAS (M.), 1678.*
- Pharmacopœia, United States.** *See NATIONAL CONVENTION FOR REVISING THE PHARMACOPŒIA, Washington, 1842, 1855.*
- Pharmacopœia, Universal.**
- *See JAMES (R.), Pharmacopœia universalis, 3rd ed., 1764.*
 - *See JOURDAN (A. J. L.), Pharmacopée universelle, 2e éd., 1840;—Eng., Pharmacopœia universalis, ed. by J. Rennie.*
- Pharmacy.** (*See also Dispensatory;—Formulary;—Pharmacopœia;—Prescribing and Prescriptions;—Receipts, etc.*)
- AMERICAN PHARMACEUTICAL ASSOCIATION, Proceedings, 1859, 1862, 1866-9, 1871-5, 1877.
 - Annals of pharmacy and practical chemistry, 1852.
 - Annuaire pharmaceutique, par L. Parisel, 1869.
 - ATTFIELD (J.), Introduction to pharmaceutical chemistry, 1867.—Chemistry, 4th ed. [of Introd.], 1872; 6th ed., 1875.
 - BRITISH PHARMACEUTICAL CONFERENCE, Year-book of ph., 1870-9.
 - Chemist and druggist, 1873-80.
 - CHICAGO COLLEGE OF PHARMACY, Pharmacist, 1869-80.
 - CONRADI (J.), Synopsis pharmaciæ, ed. tertia, 1712.
 - Dictionnaire botanique et pharmaceutique, 1802.
 - DOSSIE (R.), Elaboratory laid open, secrets of ph. revealed, 1758.
 - MOHR ([C.] F.), Practical pharmacy, by T. Redwood, 1849.
 - ONTARIO COLLEGE OF PHARMACY, Canadian pharmaceutical journal, 1874-80.
 - PARRISH (E.), Treatise on pharmacy, 3rd ed., 1864.

Pharmacy—*continued.*

- PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, (*see*).
 PHILADELPHIA COLLEGE OF PHARMACY, *Prospectus, etc.*, 1864.
 QUINCY (J.), *Praelectiones pharmaceuticæ*, course of lectures, 1723.
 STEGGALL (J.), *First lines for chemists and druggists*, 1844.
 VICTORIAN CHEMISTS' ASSISTANTS' ASSOC., *Second ann. report*, 1875.
 WITTSTEIN (G. C.), *Practical pharmaceutical chemistry*, 1853.
 PHILADELPHIA COLLEGE OF PHARMACY. *Prospectus of forty-fourth ann. course of instruction; historical sketch of school*. Phila., 1864.
PHILLIPS (Richard).

- Experimental examination of the *Pharmacopœia Londinensis*, with remarks on Powell's translation, *etc.* London, 1811.
 Remarks on the *editio altera* of the *Pharmacopœia Londinensis*, and on Powell's translation and annotations. London, 1816.
See also ROYAL COLLEGE OF PHYSICIANS OF LONDON, Translation of the *Pharmacopœia*, with notes, 4 ed., 1841; [last ed.,] 1851.

Philosophy. (*See also Chemistry;—Physics.*)

- ABERCROMBIE (J.), *Philosophy of the moral feelings*, 9 ed., 1853.
 BROUGHAM (H., *Lord*), *Lives of philosophers*, 1855.
 DICK (T.), *The Christian philosopher*, 1857.
Gleanings of sacred philosophy, 1852.
 RUMFORD (*Count*), *Essays, political, ... and philosophical*, 5 ed., 1800.
 SCOFFERN (J.), *Philosophy of common life*, 1857.
 TUPPER (M. F.), *Proverbial philosophy*, 1857.

Phlogiston. HIGGINS (W.), *Comparative view of the phlogistic and antiphlogistic theories*, 1789.**Photography.**

- HUNT (R.), *Manual of photography*, 3rd ed., 1853.
 PRICE (L.), *Manual of photographic manipulation*, 1858.
 SUTTON (T.), *Dictionary of photography*, 1858.

Phthisis. YEOMAN (T. H.), *Consumption of the lungs*, 1848.**Physic.** *See Materia medica;—Medicine;—Pharmacy; etc.***Physics, or Natural philosophy.** (*See also Geology;—Natural sci.*)

- Annals of philosophy*, by T. Thomson, *etc.*, 1813–26.
 BERGMAN (T. [O.]), *Physical and chemical essays*, 1791.
 DAVY (H.), *Collected works*, ed. by J. Davy, 1839–40.
Edinburgh philosophical journal, 1819–26; *Edinburgh new philosophical journal*, 1826–51, 1855–64.
 GANOT ([A.]), *Elementary treatise on physics*, 7th ed., 1875.
 GROVE (W. R.), *Correlation of physical forces*, 6th ed., 1874.
Jahresbericht, Eng., *Annual report of the progress of chemistry, physics, etc.*, [for 1847–50].
Journal of natural philosophy, etc., by W. Nicholson, 1797–1802.
 YOUNG (T.), *Course of lectures on nat. philosophy*, new ed.

Physiography. HUMBOLDT ([F.] A. [H.] v.), *Cosmos*, transl., 1860.

Physiology. (*See also Veterinary art.*)

BROWN (A. C.) & T. R. FRASER, *On the connection between chemical constitution and physiological action*, 1868.

PIESSE (G. W. Septimus). *Art of perfumery*. Second edition. London, 1856.

Plant. *See Botany.*

Poisons. *See Toxicology.*

Poetry. TUPPER (M. F.), *Proverbial philosophy*, 1857.

Political science. RUMFORD (*Count*), *Essays, political, economical, and philosophical*, 5th ed., 1800.

POMET (Pierre). *Compleat history of druggs*, [from the French]; [with] what is further observable on the same subject, from Lemery and Tournefort. Third edition. London, 1737.

POWELL (Richard). *See Royal College of Physicians of London, Pharmacopœia*, translated, with notes, &c., 3rd ed., 1815.

Prescribing and Prescriptions. (*See also Formulary;—Receipts.*)

BEASLEY (H.), *Book of prescriptions*, 5th ed., 1876.

Manuscripts, Physicians' holograph prescriptions.

MORELLUS (P.), *Methodus præscribendi*, 1680.

PEREIRA (J.), *Selecta è præscriptis*, 15th ed., 1869.

PRICE (Lake). *Manual of photographic manipulation*. Lond., 1858.

PRIESTLEY (Joseph). *Experiments and observations on different kinds of air*. London, 1790. 3 vol.

PRIOR (Richard Chandler Alexander). *On the popular names of British plants*. London, 1863.

PROUT (William). *Chemistry, meteorology, and the function of digestion, considered with reference to natural theology*. [Second edition.] London, 1834. (Bridgewater treatise, 8.)

Proverbial philosophy. *See Tupper (M. F.)*, 1857.

QUAIN (Jones). *Elements of anatomy*. Sixth edition. London, 1856. 3 vol.

QUINCY (John).

Pharmacopœia officinalis et extemporanea; or, Complete English dispensatory. Sixth edition. London, 1726.

Same. Seventh edition. London, 1728.

Same. Tenth edition. London, 1736.

Prælectiones pharmaceuticæ; or, Course of lectures in pharmacy, with preface by P. Shaw. London, 1723.

See also LEWIS (W.), New dispensatory, 1753, etc.

See also Royal College of Physicians of London, Dispensatory, translated by J. Q., 1721.

Quinology. HOWARD (J.), *Examination of Pavon's barks*, 1863.

Reason why, The. London, 1857.

Receipts. (*See also Formulary;—Prescribing and Prescriptions.*)

COOLEY (A. J.), Cyclopaedia of practical receipts, 4th ed., 1864; 5th ed., 1872; 6th ed., 1880.

Record of the International Exhibition, 1862. Glasgow.

REDWOOD (Theophilus).

See MOHR (C. F.), Practical pharmacy, tr., with additions, 1849.

See PEREIRA (J.), Elements of materia medica, abridged, 1872.

REES (George Owen). On the analysis of blood and urine, in health and disease. London, [1836 ?].

REID (D. B.).

Academical examination. Edinburgh, 1825.

Rudiments of chemistry. Edinburgh, 1841.

REID (J.). Life of Dr. J. R., by G. Wilson. Edinburgh, 1852.

Religion. *See Theology, Natural.*

RENNIE (James). *See JOURDAN (A. J. L.), Pharmacopœia univers.*

[**RENOU (Jean DE), or] Joannes RENODEUS.** Medicinal dispensatory. London, 1657.

Retrospect of medicine; by W. and J. Braithwaite. Lond., 1840–69.

Revista farmacéutica. *See SOCIEDAD DE FARMACIA NAC. ARGENTINA.*

ROBERTSON (W.). English and Latin dictionary. Cambridge, 1674.

Rocks. MILLER (H.), Testimony of the rocks, 1858.

RODWELL (George Farrer). Dictionary of science. London, 1871. (Haydn series.)

ROGERS (Nathaniel). *See ELLIOTSON (J.), Principles of med., 1839.*

ROSCOE (Henry E[nfield]).

Lessons in elementary chemistry. London, 1866.

Spectrum analysis. London, 1869.

ROSE (Heinrich or] Henri). Traité complet de chimie analytique; tome 1, analyse qualitative. Paris, 1859.

ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH.

Pharmacopœia Coll. Reg. Med. Edinburgensis. Edinburgi, 1722.

Same. Edinburgi, 1732.

Same. Edinburgi, 1756.

Same. Edinburgi, 1792.

Same. Edinburgi, 1807.

Same. Edinburgi, 1813.

Same. Edinburgi, 1817.

Pharm. of the R. C. of P. of E. [Second English ed.] Edin., 1841.

Eng. Pharmacopœia Edinburgensis; or, Dispensatory of the R. C. of P. in E.; translated by P. Shaw. Fifth ed., [with] Translation of the Dispensatory of the Royal Hospital at Edinburgh. London, 1753.

See also CHRISTISON (R.), Dispensatory, 2nd ed., 1848.

ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH—*continued.*

Pharmacopœia Edinburgensis—continued.

See also ROYAL COLLEGE OF PHYSICIANS OF LONDON, New London pharmacopœia, translated and arranged with Edinburgh and Dublin pharmacopœias, by P. Squire, 1851.

Catalogue of the library. Edinburgh, 1870.

ROYAL COLLEGE OF PHYSICIANS OF LONDON.

Pharmacopœia Londinensis [PRIMA]. Londini, 1650.

Pharmacopœia Collegii Regalis Londini [TERTIA]. Londini, 1677.

Pharmacopœia Collegii Regalis Medicorum Londinensis [QUARTA]. Londini, 1721.

Same. [QUINTA.] Londini, 1746.

Same. [QUINTA.] Londini, 1747.

Same. [QUINTA.] Londini, 1751.

Same. [QUINTA.] Londini, 1757.

Same. [QUINTA.] Londini, 1766.

Same. [QUINTA.] Londini, 1778.

Same. [SEXTA.] Londini, 1790.

Same. [NONA.] Londini, 1836.

Same. [DECIMA.] Londini, 1851.

Eng. Pharmacopœia Londinensis; or, London dispensatory; [translated] by N. Culpeper. London, 1653.

Same. [Another edition, with additions.] London, 1661.

Eng. [Pharmacopœia Londinensis; or, New London dispensatory, translated by W. Salmon. London, 1676?] T.-p.w.

Eng. Dispensatory of the R. C. of P. in L.; [translated,] with notes by J. Quincy. London, 1721.

Eng. Dispensatory of the R. C. of P., L.; translated, with remarks, etc., by H. Pemberton. London, 1746.

Eng. Pharmacopœia of the R. C. of P. of L.; translated, with notes, etc., by T. Healde. Second edition. London, 1788.

Eng. Pharmacopœia, translated by H. Campbell. Lond., 1809.

Eng. Pharmacopœia of the R. C. of P. of L.; translated, with notes, etc., by R. Powell. Third edition. London, 1815.

Eng. Translation of the Pharmacopœia of the R. C. of P. of L., with notes, by R. Phillips. Fourth edition. London, 1841.

Same. [Last edition.] London, 1851.

Eng. New London pharmacopœia, translated and arranged with Edinburgh and Dublin pharmacopœias, with remarks, by P. Squire. London, 1851.

See also CHRISTISON (R.), Dispensatory, 2nd ed., 1848.

See also PHILLIPS (R.), Experimental examination, 1811;—Remarks on the editio altera, 1816.

ROYAL COLLEGE OF SURGEONS OF ENGLAND. Calendar. Lond., 1870.

ROYAL HOSPITAL or INFIRMARY, Edinburgh.

Pharmacopœia pauperum, in usum Nosocomii Regii Edinburgensis. Edinburgi, 1752.

Pharmacopœia Edinburgensis pauperum; or, Dispensatory for the R. H. in E., transl. (In ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, Pharmacopœia, transl. by P. S., 5th ed., 1753.)

ROYAL SOCIETY OF LONDON.

Philosophical transactions, 1665-1800, abridged. London, 1809.

Same. [Unabridged.] London, 1842-6. *Sundry parts.*

Proceedings. London, 1867-74.

See also DAVY (H.), Collected works, 1839-40, vol. 7.

ROYLE (John Forbes).

Manual of *materia medica* and therapeutics. Third edition, by F. W. Headland. London, 1856.

Same. Sixth edition, by J. Harley. London, 1876.

RUMFORD (Count). Essays: political, economical, and philosophical.

Fifth edition. London, 1800. 3 vol.

SAINT THOMAS'S HOSPITAL, London. Pharmacopœia Nosocomii Regalis Sancti Thomæ. Londini, 1867.

SALMON (William).

History of famous cures. [London, 1684 ?] *T.-p. w.*

See also ROYAL COLLEGE OF PHYSICIANS OF LONDON, [Pharmacopœia Londinensis, translated, 1676 ?].

See also BATE (G.), Pharmacopœia, translated, 1694.

Salmonia. *See* DAVY (H.), Collected works, 1839-40, vol. 9.

Sandstone. MILLER (H.), The old red sandstone, 1858.

Scarlatina. BROWN (I. B.), On scarlatina, 1846.

Scarlet fever. HOOD (P.), On scarlet fever, 1857.

Schools and Schoolmasters. MILLER (H.), My schools, etc., 1857.

Science. *See* Natural science;—Political science.

SCOFFERN (J.). Philosophy of common life. London, 1857.

SCORESBY (Rev. W.). Magnetical investigations. Lond., 1844. 2 v.

SCORESBY-JACKSON (Robert Edmund). *See* JACKSON (R. E. S.-).

Scotland. CHAMBERS (R.), Domestic annals of Scotland, 1859.

SCOTT (Charles). Since I was a student. Edinburgh, 1875.

Selectæ è veteri testamento historiæ, 1839. *See* Bible.Self help, illust. of character and conduct. *See* SMILES (S.), 1860.

Senses. WILSON (G.), Five gateways of knowledge, 2nd ed., 1857.

SHAW (Peter).

Chemical lectures, read 1731-3. London, [173-?].

See also QUINCY (J.), Praelectiones pharmaceuticæ, 1723.

See also ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH, Pharmacopœia Edinburgensis, translated, 5th ed., 1753.

- SHIPTON (James). *See BATE (G.)*, Pharmacopœia, ed. 3, 1700.
- SHUCKARD (W. E.). *See BURMEISTER (H.)*, Man. of entomol., 1836.
- SLATER (J. W.). Manual of chemical analysis for practical men. London, 1861.
- SMEE (Alfred). My garden: its plan and culture. Second edition. London, 1872.
- SMILES (Samuel).
- Self help; illustrations of character and conduct. London, 1860.
 - *See also STEPHENSON (G.)*, Story of life of G. S., by S. S., 1860.
- SMITH (William). Latin and English dictionary. Twelfth edition. London, 1874.
- SMITHSONIAN INSTITUTION, Washington.
- Smithsonian miscellaneous collections. Washington, 1851.
 - BOOTH (J. C.) & C. MORFIT, Report on recent improvements in chem. arts.
 - Annual report of the board of regents. Washington, 1869–77.
- SOCIEDAD DE FARMACIA NACIONAL ARGENTINA, or SOCIEDAD NACIONAL DE FARMACIA, formerly ASOCIACION FARMACÉUTICA DE BUENOS AIRES. Revista farmacéutica. Buenos Aires, 1859.
- SOCIÉTÉ DE MÉDECINS, DE PHARMACIENS ET DE NATURALISTES. *See Dictionnaire botanique et pharmaceutique*, 1802.
- SOCIETY OF APOTHECARIES, London.
- Memoirs of the botanick garden at Chelsea, belonging to the S. of A.; [by H. Field]. London, 1820.
 - Address to the general practitioners of England and Wales, on the second report of the joint deputation of the S. of A. and the National Association of General Practitioners. London, 1845.
- SOUBEIRAN (J. Léon) & A. [A.] DELONDRE. La matière médicale à l'exposition de 1867. Paris, 1868.
- Spectrum analysis. *See ROSCOE (H. E.)*, 1869.
- SPIERS (A.). Dictionnaire général français-anglais et anglais-français. Vingt-deuxième édition. Paris, 1872. 2 tomes.
- SQUIRE (Peter).
- Pharmacopœias of London hospitals. London, 1863.
 - Companion to the British pharmacopœia. London, 1864.
 - Same.* Second edition. London, 1864.
 - Same.* Tenth edition. London, 1874.
 - Same.* Eleventh edition. London, 1877.
- See also ROYAL COLLEGE OF PHYSICIANS OF LONDON*, New London pharmacopœia, tr. & arranged with Edin. & Dubl. pharm., 1851.
- STEGGALL (John). First lines for chemists and druggists preparing for examination before the board of the Pharm. Soc. Lond., 1844.
- STEPHENSON (George). Story of the life of G. S., by S. Smiles. London, 1860.
- STRUTHERS (John). On the study of medicine. Edinburgh, 1857.

Student. SCOTT (C.), Since I was a student, 1875.

Surgery. ROYAL COLL. OF SURGEONS OF ENGLAND, Calendar, 1870.
SUTTON (Francis).

Systematic handbook of volumetric analysis. Second edition.
London, 1871.

Same. Third edition. London, 1876.

SUTTON (T.). Dictionary of photography. London, 1858.

TACHENIUS (Otto). See ZWELFER (J.), Discursus apologeticus, 1672.

[TAPLIN (William). Gentleman's stable directory; or, Modern system of farriery. London, 179-?] T.-p. w.

TAYLOR (Alfred Swaine).

On poisons in relation to medical jurisprudence and medicine.
Second edition. London, 1859.

See also BRANDE (W. T.) & A. S. T., Chemistry, 1863.

THENARD (Louis Jacques). Essay on chemical analysis; translated,
with additions, by J. G. Children. London, 1819.

Theology, Natural.

DICK (T.), The Christian philosopher, 1857.

FOWNES (G.), Chemistry, [Actonian prize essay,] 1849.

Gleanings of sacred philosophy, 1852.

MILLER (H.), Footprints of the Creator, 1849.

— Testimony of the rocks, 1858.

PROUT (W.), Chemistry, meteorology, and digestion, [2 ed.,] 1834.

Therapeutics. See *Materia medica and Therapeutics*.

Thermometer. MARTIN (G.), Essay on thermometers, 1780.

Things not generally known. See TIMBS (J.), 1858.

THOMAS (Robert). Modern practice of physic. London, 1853.

THOMSON (Thomas). See *Annals of philosophy*, 1813-26.

Throat diseases.

GIBB (G. D.), Diseases of throat, epiglottis and windpipe, 1860.

HOSPITAL FOR DISEASES OF THE THROAT, Pharmacopœia, edited by
M. Mackenzie, 2nd ed., 1873.

YEARSLEY (J.), Treatise on morbid conditions of t., 2nd ed., 1843.

THUCYDIDES. History of the Peloponnesian War; translated by
H. Dale. London, 1848. 2 vol.

TILDEN (H. A.). See *Journal of materia medica*, 1859.

TIMBS (J.).

Curiosities of history. London, 1858.

Curiosities of science. London, 1858.

Things not generally known. London, 1858.

T'ONG TING-KÜ. Chinese and English instructor. Canton, 1862.

TOURNEFORT (Joseph Pitton DE). See POMET (P.), Compleat
history of druggs, 3rd ed., 1737.

Toxicology.

CHRISTISON (R.), Treatise on poisons, 3rd ed., 1836.

MEAD (R.), Mechanical account of poisons, 1702.

TAYLOR (A. S.), On poisons, 2nd ed., 1859.

Travel. (*See also Africa;—Egypt and the East.*)

DAVY (H.), Collected works, 1839–40, v. 9, Consolation in travel.

TRIMEN (Henry). *See* BENTLEY (R.) & H. T., Medicinal plants, 1880.

TUPPER (Martin F.). Proverbial philosophy. London, 1857.

TURNER (Edward). Elements of chemistry. Eighth edition, by Baron Liebig and W. Gregory. London, 1857.

TUSON (Richard V.). *See* COOLEY (A. J.), Cyclopædia of practical receipts, 5th ed., 1872; 6th ed., 1880.

UNDERWOOD (Michael). Treatise on the diseases of children. Sixth edition. London, 1811. 3 vol.

Universe. HUMBOLDT ([F.] A. [H.] v.), Cosmos, transl., 1860.

UNIVERSITY OF DURHAM. Calendar. Durham, 1877.

UNIVERSITY OF EDINBURGH. Catalogue of library. Edin., 1863–70.

UNIVERSITY OF PENNSYLVANIA.

Medical commencement; with valedictory address to the graduates, by J. Carson. Philadelphia, 1860.

Introductory address, by J. Carson. Philadelphia, 1860.

URE (Andrew). Dictionary of arts, manufactures, and mines. Fourth edition. London, 1850. 2 vol.

Urine. (*See also Calculus.*)

ATTFIELD (J.), Microscopic examination of sediments, [1867].

REES (G. O.), On the analysis of blood and urine, [1836?].

VACHER (Arthur). Primer of chemistry. London, 1877.

VALERIUS (B.). *See* BERZELIUS (J. J.), Traité de chimie, 1838.

VERNY (Franciscus). *See* ZWELFER (J.), Discursus, etc., 1672.

Veterinary art.

CLARK (J.), First lines of vet. physiology and pathology, 1806.

Edinburgh veterinary review, 1859.

[TAPLIN (W.), Gentleman's stable companion, 179–?]

VICARS (Capt. H.). Memorials of Capt. V. Lond., 1856. 2 copies.

Vichy. *See* Waters, Mineral.

VICTORIAN CHEMISTS' ASSISTANTS' ASSOCIATION. Second annual report of the committee, rules of the association, etc. Melbourne, 1875.

Volumetric analysis. *See* SUTTON (F.), 2 ed., 1871; 3 ed., 1876.

War. THUCYDIDES, History of the Peloponnesian War, transl., 1848.

WARINGTON (Robert). *See* PEREIRA (J.), Manual of mat. med., 1865.

Water. CLARIDGE (R. T.), Hydropathy, the cold water cure, 1843.

Waters, Mineral. BUIGNET (H.), *Nouveau procédé de dosage de l'acide carbonique dans les eaux minérales, suivi de considérations sur la constitution des eaux de Vichy*, 1856.

WATSON (Thomas). *Lectures on the principles and practice of physic*. Fourth edition. London, 1857. 2 vol.

WATT (Charles & John). *See Chemist*, 1840–3.

WATTS (Henry).

Dictionary of chemistry. London, 1863–8. 5 vol.

Same. Supplement. London, 1872.

Same. Second supplement. London, 1875.

See also FOWNES (G.), *Manual of chemistry*, 12th ed., 1877.

See also GMELIN (L.), *Handbook of chemistry*, transl., 1848–72.

See also GRAHAM (T.), *Elements of chemistry*, 2nd ed., 1850–8.

Weather. *See Meteorology*.

Weights. YATES (J.), *On the French system of measures, etc.*, 1854.

WELDON (Walter). *Popular explanation of the elements and general laws of chemistry*. London, [1824 ?].

WEYHE (M. F.). *See NEES v. ESENBECK*, *Plantæ medicin.*, 1828–33.

WILLICH (A. F. M.). *See Medical and physical journal*, 1799.

WILSON (George).

Chemistry; revised by S. Macadam. London, 1857.

Inorganic chemistry; revised by S. Macadam. Third edition [of part of the preceding work]. London, 1866.

Same. [Fourth edition,] by H. G. Madan. London, 1872.

Five gateways of knowledge. Second edition. Cambridge, 1857.

Memoir of Prof. G. W., by J. A. Wilson. Edinburgh, 1860.

See also CAVENDISH (H.), *Life, and critical inquiry*, by G. W., 1851.

See also REID (J.), *Life of Dr. J. R.*, by G. W., 1852.

WILSON (J. A.). *See WILSON* (G.), *Memoir*, by J. A. W., 1860.

Windpipe. GIBB (G. D.), *Diseases of the throat, epiglottis, and windpipe*, 1860.

Wine. MULDER (G. J.), *Chemistry of w.*, ed. by H. B. Jones, 1857.

WITHERING (W.). *See BERGMAN* (T. O.), *Outlines of mineralogy*, 1783.

WITTSTEIN (G[eorg] C.). *Practical pharmaceutical chemistry*; translated and edited from the German by S. Darby. London, 1853.

WOLTER (J. W.). *See NEES v. ESENBECK*, *Plantæ medicin.*, 1828–33.

Wood (George B.) & F. BACHE.

Dispensatory of the United States of America. Eleventh edition.

Philadelphia, 1858.

Same. Fourteenth edition. Philadelphia, 1879.

YATES (James). *On the French system of measures, weights, and coins; with abstract of discussion*, edited by C. Manby. London, 1854.

Year-book of pharmacy. *See* BRITISH PHARMACEUTICAL CONFERENCE, 1870-9.

YEARSLEY (J.). Treatise on morbid conditions of the throat. Second edition. London, 1843.

YEOMAN (T. H.). Consumption of the lungs, or decline. London, 1848.

YOKOUSHAI IINOUMA. [Botany of Japan.] 20 vol.

YOUNG (Thomas). Course of lectures on natural philosophy and the mechanical arts. New ed., by P. Kelland. London. 2 vol.

Zoology. HUXLEY (T. H.), Introduction to the classification of animals, 1869.

ZWELFER (Joannes).

Animadversiones in Pharmacopœiam Augustanam, etc.

Discursus apologeticus adversus Hippocratem chymicum O.

Tachenii; cui et accessêre Justissimæ vindiciæ contra F. Verny.

Pharmacopœia regia, seu Dispensatorium.

Note.—For the three preceding works, see COLLEGIUM MEDICUM, Augsburg, Pharmacopœia Augustana reformata, 1672.

N.B.—*See Explanations on page 4.*

68

187. AD E. P. C. M. 1907.

Ammaid eis agus tu seannu. Ammaid eis agus tu seannu
Ammaid eis agus tu seannu. Líomha no eadair (do) buamha
Ammaid eis agus tu seannu. Líomha no eadair (do) buamha
Ammaid eis agus tu seannu. Líomha no eadair (do) buamha

Ammaid eis agus tu seannu. Líomha no eadair (do) buamha
Ammaid eis agus tu seannu. Líomha no eadair (do) buamha

Ammaid eis agus tu seannu. Líomha no eadair (do) buamha

Ammaid eis agus tu seannu. Líomha no eadair (do) buamha

Ammaid eis agus tu seannu. Líomha no eadair (do) buamha

Ammaid eis agus tu seannu. Líomha no eadair (do) buamha

Ammaid eis agus tu seannu. Líomha no eadair (do) buamha

Ammaid eis agus tu seannu. Líomha no eadair (do) buamha

