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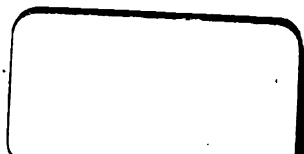
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THE NEW SYDENHAM
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VOLUME LXXXII.

BIBLIOTHECA THERAPEUTICA,

OR

BIBLIOGRAPHY OF THERAPEUTICS,

CHIEFLY IN REFERENCE TO

ARTICLES OF THE MATERIA MEDICA,

WITH

NUMEROUS CRITICAL, HISTORICAL, AND THERAPEUTICAL ANNOTATIONS,

AND AN APPENDIX CONTAINING THE BIBLIOGRAPHY OF

BRITISH MINERAL WATERS.

BY

EDWARD JOHN WARING, M.D.,

FELLOW OF THE ROYAL COLLEGE OF PHYSICIANS OF LONDON, FELLOW OF THE
ROYAL COLLEGE OF SURGEONS OF ENGLAND, LATE SURGEON IN
HER MAJESTY'S INDIAN ARMY.

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P R E F A C E

TO

S E C O N D V O L U M E .

IN issuing the second and concluding volume of the 'Bibliotheca Therapeutica,' I feel it due to myself to offer a few remarks in explanation of the delay which has occurred in its completion. This has been mainly due to a mistaken calculation on my part as to the time requisite for preparing the three copious indexes, (extending over 120 pages) with which this volume concludes, and which have entailed a far greater amount of labour than was originally anticipated. The labour and consequent delay will, however, it is confidently believed, be fully counterbalanced by the additional value these indexes impart to the book as a work of reference. Thus, with the Index of Diseases before him, the student has a bird's-eye view of the principal remedies recommended from time to time in the treatment of individual diseases, and the dates of their respective employment; whilst further reference to the body of the work, in the manner pointed out in the index, will disclose the name of the authority, and other particulars of special interest to the pathologist and therapist.

With every endeavour to preserve throughout the work, uniformity in the orthography of foreign surnames, it has been found almost impossible to accomplish this with satisfaction in several instances. Many of the names have, as a matter of necessity, been taken from catalogues of current literature, and those acquainted with this class of works well know how frequently inaccuracies and

discrepancies in the orthography of surnames occur. The French rendering of German and the German rendering of French names are equally confusing. This point came prominently to the front in preparing the Index of Authors, and much delay, as well as anxiety, has it cost me. As a general rule, it may be taken for granted that, where minor differences (beyond those noticed in the list of corrigenda) are found to exist between the names in the body of the work, and those in the index, the latter, having been subjected to stricter scrutiny, may be regarded as the more correct.

Another point in connection with the Index of Authors requires a word of explanation, viz. the omission of capitals to German nouns. It having been decided, in this index, to exclude all capitals excepting to proper names, this rule has been applied to German substantives, contrary to the generally received custom; and I may add that this innovation (for such it is) has not been adopted without consultation with those well versed in German literature.

In conclusion, I desire to record my grateful acknowledgments to those friends who have rendered me essential service in seeing the sheets of this volume through the press; they are specially due to Mr. J. A. Broun, F.R.S., and his family, to Mr. B. R. Wheatley, the Resident Librarian of the Royal Medical and Chirurgical Society; and to my nephew, Mr. Edward E. Nicholson, of Worcester College, Oxford. I would also tender my best thanks to Dr. John Macpherson for numerous valuable notes relating to works on the various Mineral Waters of Great Britain.

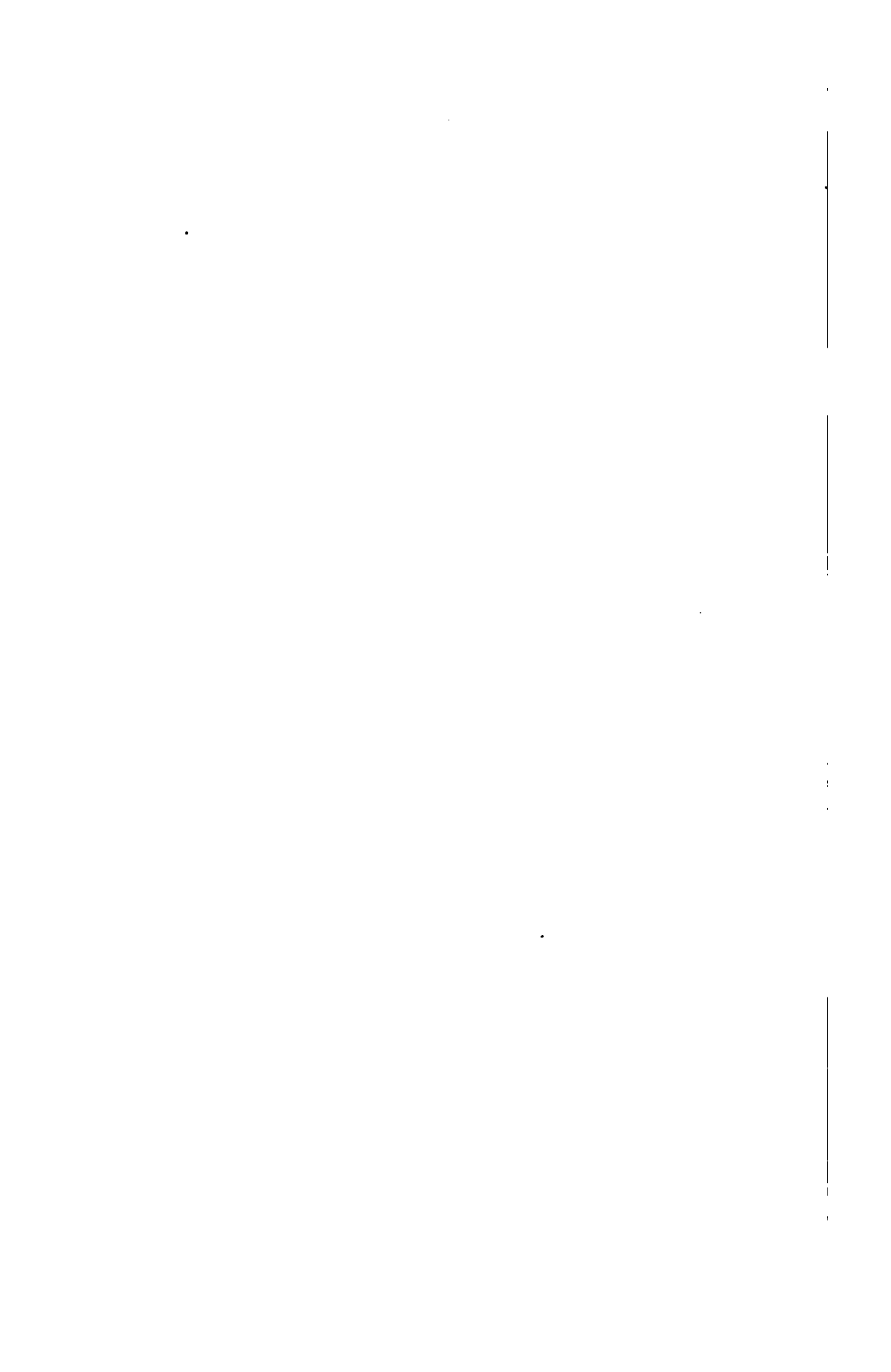
E. J. WARING.

LONDON,

June 14th, 1879.

CONTENTS OF VOL. II.

	PAGE
PREFACE	v
TABLE OF CONTENTS	vii
ARTICLES OF MATERIA MEDICA, ARRANGED ALPHABETICALLY (from F to Z). For details of these, and also of those from A to E in the First Volume, see INDEX OF SUBJECTS, page 922	
APPENDIX, CONTAINING THE BIBLIOGRAPHY OF—	
WATER	755
SEA WATER	770
MINERAL WATERS OF GREAT BRITAIN	775
„ OF IRELAND	804
ADDENDA	807
INDEX OF DISEASES	818
INDEX OF AUTHORS	836
INDEX OF SUBJECTS	922
CORRIGENDA	934



BIBLIOTHECA THERAPEUTICA.

PART SECOND.

(Continued.)

ARTICLES OF MATERIA MEDICA ARRANGED ALPHABETICALLY—(Continued).

FAGUS SYLVATICA, Linn.

The Beech.

1700. EYSSON, B. Diss. de Fago. Groningæ, 12mo.
1826. CASPARI, K. Untersuchungen über die spezifischen Heilkräfte der Buchenkohle (Beech charcoal) und deren Anwendung gegen Krankheiten. Leipzig, 8vo.
Most of Caspari's works are homœopathic; whether this one partakes of the same character I have no means of ascertaining.
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FEL. BILE.

As a Therapeutic Agent.

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1741. ZELLER, J. G. De Bile et ejus usu medicamentoso. Pragæ, 4to.
1752. KALTSCHMIDT, —. Diss. de Bilis interno et externo usu medico. Jenæ, 4to.
1794. REICHE, C. *Fel Taurinum inspissatum e numero præstantium anthelminticorum expungendum esse. Francof. ad Viad. 4to, pp. 20.
1846. CLAY, C. Observations on the use of Inspissated Ox-gall in the treatment of various diseases, particularly those in connection with derangement of the digestive function, deficiency or vitiated secretion of bile, habitual constipation, habitual diarrhœa, indigestion, and other results of sedentary employment. London, 8vo, pp. 16. *Bibl. Med.-Chir. Soc.*

The title speaks for itself; it is described as a very interesting pamphlet in *London Med. Gazette*, August 21st, 1846, p. 337, where a summary of its contents is given.

FERRUM.

Iron and its preparations generally.

1580. FRAMPTON, J. Joyfull Newes out of the New-found World, &c., being a translation from the Spanish of Dr. Monardes; where-unto are added three other bookes treating of.....³ the properties of Yron and Steele in Medicine. London, 4to.
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1654. DRELCOURTIUS, C. An affectioni Hypochondriacæ Chalybis usus? Monspel. 12mo.
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1658. MICHAELIS, J. *Anatomia Martis seu Dissertatio medicochymica de Ferro. Resp. E. Schmidt. Lipsiæ, 4to, pp. 60.
Bibl. Banks.
1665. BAUSCH, J. L. Schediasmata bina curiosa de lapide Hæmatite et Ætite. Lipsiæ, 8vo.
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1682. JANI, J. F. *De Martialium operandi modo. Ultraject. 4to.
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1686. PRICE, J. *De Marte. Hardervici, 4to.
Bibl. Med. Chir.-Soc.
1688. JÜRGENS, J. Autoschediasma de Vitriolo. Copenhagen, 12mo, pp. 130.
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1701. HOMBERGK, J. P. *De Marte et remediis Martialibus. Marburgi, 4to.
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1711. WEPFER, B. *De medicamentis Chalybeatis, eorumque virtute contraria aperiendi scilicet obstruendi, &c. Præs. D. Nebel. Heidelbergæ, 4to (in *Haller, Disp. Med. Pract.*, vii, p. 165.)
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1718. SEYFFERD, H. C. Paradoxum medicum, quod sit in Marte quidquid quæruni medentes. Erfordisæ, 4to.
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1734. BLECOURT, J. A. DE. *De Ferro. Duisburgi, 4to. *Bibl. Roy.*
1736. GOURRAIGNE, H. *De Ferri usu et abusu in medicina. Montpellier, 8vo.
1738. FINDEISEN, J. C. Diss. chimico-medica de Ferro. Præs. D. M. Alberti. Halæ, 4to, pp. 19. *Bibl. Banks. (sub nom. Alberti).*
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1738. JUSSIEU, A. DE. *Herbis an Ferro promotior tutiorque abscessuum a congestione curatio. Resp. L. Ferret. Paris, 4to.
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1742. DEHN, J. Diss. medica de Ferro chymicè et medicè considerato. Erfordisæ, 4to, pp. 28. *Bibl. Banks.*
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1759. CARTHEUSER, J. F. *Diss. de crocis Martialibus. Francof. ad Viad. 4to.
1761. LABBE, H. *Specimen chemico-medicum de Marte. Lugd. Bat. 4to, pp. 36. Idem. in *Schlegel, Thes. Mat. Med.*, vol. iii, art. 39, p. 385. *Bibl. Banks; Med.-Chir. Soc. (Schlegel).*
Treats chiefly on the physical characters and chemical history of iron. The medical portion, which is quite subsidiary, presents nothing original, and little that is noteworthy beyond some quotations from Van Swieten, Boerhaave, &c., on the use of iron in chlorosis, &c.
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An elaborate and ingenious performance, founded on a great number of experiments.—*London Med. Journ.*, November, 1781, p. 353.
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1824. SCHREIBER, C. F. *De Ferri usu medico. Berol. 8vo, pp. 29.
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1830. BOLAFFIO, J. *Diss. mineral. chem.-medica de Ferro. Pesthini, 8vo, p. 88.
1832. FORDISCH, F. *De morbosa sanguinis temperatione, imprimis in Chlorosi, Hysteria et Pneumonia, inquisitionibus chim. indagata, et de Ferri in sanguinem transitu, experimentis comprobato. Jenæ, 4to, pp. 36.
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1836. ROTONDO, M. L. Sul' Ferro, riflessioni economiche e mediche. Napoli, 8vo, pp. 104.
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The nature of the cases reported in this essay are doubtfully cancerous. This view is strengthened by the rapidity with which the ulcerations healed under the use of the remedy, so unlike what we know of the history and progress of cancer in general, e.g. the case of a young lady cured in six days of a severe ulceration of the nose, presumed to be cancerous, which had resisted the most powerful remedies for years. All the cases related in the text are similar to this; they are all examples of phagedenic ulceration either in the face or legs. In the postscript indeed, there are some cases more like cancer in which the preparations of iron were employed with good effect.—*Edinburgh Med. Surg. Journ.*, ii, 1806, p. 373.

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Mr. Hutchinson's remedy in these cases was carbonate of iron, prepared from the sulphate by precipitation by means of carbonate of soda in doses of grs. xxx to lxxx, twice or thrice daily. He records several cases successfully treated with it. See *Edinb. Med. Surg. Journ.*, April, 1822, p. 310.

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Citrate and Ammonio-citrate of Iron.

1860. JABLONOWSKI, J. De Santonini... Citratis Ferrici intra organismum humanum rationibus. Dorpati, 8vo, pp. 37.
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1668. BAUSCH, J. L. De Cæruleo et Chrysocolle. Jenæ, 12mo. *Bibl. Med.-Chir. Soc.*
1822. WETZLAR, G. De materiæ nonnullarum, imprimis Kali Borussici in organismum transitu. Marburgi, 8vo.
1822. ZOLLICKOFFER, W. Treatise on the use of Prussiate of Iron or Prussian Blue in Intermittent and Remittent Fevers. Frederick, Maryland, U.S., 12mo, pp. 32. *Bibl. Med.-Chir. Soc.*
- Dr. Zollickoffer, of Baltimore, was the first to bring to notice the anti-periodic powers of the ferro-cyanide, and in this essay he relates a number of cases of fever successfully treated with it, in doses of grs. iv—vij, every four hours.

FERRI IODIDUM.

Iodide of Iron.

1834. THOMSON, A. TODD. Observations on the preparation and medicinal employment of the Ioduret and Hydriodate of Iron. London, 8vo, pp. 64. *Bibl. Coll. Surg. Lond.*
- The author in this work first drew the attention of British practitioners to the employment of this valuable preparation. He mentions cases of atonic dyspepsia, scrofulous affections, chlorosis, amenorrhœa, bronchocele, tabes mesenterica, rachitis and incipient scirrhus, in which it was used with more or less benefit. The chief objection to the whole of these cases being received as evidence of the efficacy of the iodide of iron is that in not one of them was it given alone, and that its use was either preceded by, or conjoined with other medicines of acknowledged power in removing deranged health dependent on disorders of the digestive system.—*Edinburgh Med. Surg. Journ.*, xliiii, 1835, p. 489-492.
1836. GROSOURDY, —. *Des Iodures de Fer, de Plomb, et de Mercure. Paris, 4to.
1857. GILLE, F. Monographie thérapeutique et pharmacologique de l'Iodure de Fer. Paris, 12mo, pp. 448.
1858. ——. L'Avenir Médical de l'Iodure de Fer. (*Journal Clinique des Hôpitaux de Paris*, 1858, No. i.)

FERRI LACTAS.

Lactate of Iron.

1840. GELIS, A., et CONTÉ, J. L. Mémoire sur l'emploi du Lactate de Fer. (Ex. in *Gas. Médicale*, 1840.) Paris, 1840.
The authors adduce several cases of chlorosis and other states of the system (anæmic, &c.) usually relieved by steel medicines in which the lactate produced excellent effects; in some it succeeded after the usual ferruginous preparations had been fairly used without benefit.—*Med.-Chir. Rev.*, Oct., 1840, p. 511.
1860. (Anon.) Del'assimilation du Lactate de Fer et des avantages que présente ce sel sur les autres préparations ferrugineuses au point de vue de la digestion. Paris, 8vo.
1872. LELONG, E. M. *Essai thérapeutique du Chloro-lactate acide de Fer. Paris, 8vo.

FERRI OXALIS.

Oxalate of Iron.

1874. GIRAUD, C. Étude sur les Ferrugineux, et en particulier sur le Protoxalate de Fer. Paris, 18mo, pp. 80. Spanish transl. Paris, 8vo, pp. 79.

FERRI PERCHLORIDUM.

Perchloride of Iron.

1826. MILITZER, —. *Vide* "Moschus," 1826.
1851. BELL, G. H. On the treatment of Erysipelas by the Muriated Tincture of Iron; with observations by Charles Bell. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1853. BURIN DU BUISSON, A. M. B. Étude de l'action chimique du Perchlorure, du Persulfate et du Perazotate de Fer sur les principes fibrino-albumineux du sang. Paris, 8vo, pp. 24.
1854. DUPUY, B. *Étude sur le Perchlorure de Fer. Paris, 4to, pp. 26.
1854. CARRARD, A. Du Perchlorure de Fer et de son emploi dans le traitement des Anévrismes et des Varices. Lausanne, 8vo, pp. 36.
1854. BURIN DU BUISSON, A. M. B. Nouvelles considérations sur le Perchlorure de Fer et sur le meilleur mode de préparation de cet agent. Lyon, 8vo.
1854. THIERRY, A. Sur l'application du Perchlorure de Fer de l'extérieur à l'intérieur. Paris, 8vo, pp. 16. *Bibl. Med.-Chir. Soc.*
1854. GOUBAUX et GIRALDÈS, MM. Expériences sur les Injections de Perchlorure de Fer dans les artères. Paris, 8vo, pp. 7.
An excellent report on the effects produced in coagulating the blood by the injection of perchloride of iron into the arteries.—*Dublin Quart. Journ. Med. Sci.*, Aug., 1854, p. 4.
1855. BOEHR, M. L. A. Diss. de Liquoris Ferri Sesquichlorati usu in Aneurismatibus sanandis. Berlin, 8vo, pp. 32.

1856. SOULÉ, E. De l'injection du Perchlorure de Fer dans le système veineux, considérée comme moyen de guérir les Varices et les Ulcères rebelles des membres inférieurs.
Bordeaux, 8vo, pp. 20.
1857. MATHEY, J. M. L. *Du traitement de l'Érysipèle par le Perchlorure de Fer administré à l'intérieur. Paris, 4to.
Bibl. Med.-Chir. Soc.
1857. PRAVAZ, J. Essai sur le traitement des Anévrysmes par les injections de Perchlorure de Fer. Paris, 4to, pp. 51.
1858. SILVESTRE, L. A. *De l'emploi du Perchlorure de Fer dans le traitement des Varices et des Ulcères Variqueux.
Paris, 4to, pp. 91.
1858. GUEBIN, B. M. *Essai sur les applications thérapeutiques du Perchlorure de Fer. Paris, 4to, pp. 58.
The author treats of the use of the perchloride in aneurisms, varices, nævi, panniform keratitis, hæmorrhoids, hæmorrhages, erysipelas, purpura, dysentery, and other affections. He has evidently bestowed much attention on the subject, and has brought together many interesting facts.
1858. BOUBOT, M. P. A. *Considérations sur la Pourriture d'Hôpital observée en Orient et sur son traitement par le Perchlorure de Fer. Strasbourg, 4to, pp. 41.
1859. JODIN, N. De la nature et du traitement du Croup et des Angines Couenneuses, &c. ...2. Que la base du traitement repose sur l'application des topiques parasitiques, &c. Paris, 8vo, pp. 39.
A suggestive brochure. Of all parasiticide agents M. Jodin prefers liquid perchloride of iron, because it completely penetrates the cryptogam which he regards as the essential origin of the disease; its action is limited to the surface, and it may be absorbed without danger. He declares that it has never failed in the numerous cases in which he has applied it. See analytical review in *Amer. Journ. Med. Sci.*, Jan., 1861, p. 200-210.
1860. SALLERON, A. E. Mémoire sur l'emploi du Perchlorure de Fer contre la Pourriture d'Hôpital et l'infection purulente.
Paris, 8vo, pp. 138.
1860. ADRIAN, M. Recherches sur la Solution officinale du Perchlorure de Fer, sa préparation à l'état neutre et exempt d'altération.
Paris, 8vo, pp. 7.
1860. BURIN DU BUISSON, A. M. B. Traité de l'action thérapeutique du Perchlorure de Fer considéré à l'extérieur comme hémostatique, comme modificateur des surfaces traumatiques dans la pourriture d'hôpital, l'infection purulente et les blessures par armes à feu, et comme agent prophylactique des virus et des venins; à l'intérieur comme hémoplastique et comme sédatif de la circulation générale.
Paris, 8vo, pp. 396.
A valuable contribution to the therapeutics of the perchloride. See the discussion raised at the Academy of Medicine, Paris, by the report of M. Devergie on a memoir of M. Pize (*Bull. de l'Acad. de Méd.*, xxv, p. 686 et seq.).

1860. DELEAU, M. T. *Traité pratique sur les applications du Perchlorure de Fer en médecine.*
Paris, 8vo, pp. 256.
Bibl. Coll. Phys. Edin.
1860. DEVERGIE, M. *Des applications que l'on peut faire du Perchlorure de Fer à la thérapeutique des Maladies de la Peau.*
Paris, 8vo, pp. 12.
1860. LETHBY, H. *Report on the practicability and probable efficacy of the proposed plan for Deodorizing the Sewage of London by means of Perchloride of Iron.*
London.
1860. ALBESPY, F. **Sur l'étiologie et le traitement de la Pourriture d'Hôpital, particulièrement par le Perchlorure de Fer.*
Paris, 4to, pp. 32.
1861. MAGNES-LAHENS, —. *Du Sesquichlorure de Fer liquide. Réponse à M. Burin du Buisson.*
Toulouse, 8vo, pp. 28.
1862. SENTEX, L. *Du traitement des Varices et des Ulcères Variqueux par les injections de Perchlorure de Fer. (Ex Journ. de Méd. de Bordeaux, Fév., 1862.)*
Bordeaux, 8vo, pp. 32.
1862. JONES, J. *On the use of Perchloride of Iron and other Chalybeate Salts in the treatment of Consumption; being a critical inquiry into their physiological action and therapeutic properties.*
London, 8vo, pp. 110.
It is by careful statistical inquiry, such as this, that the true value of a remedy is tested. Dr. Jones makes no pretensions to originality in the use of the perchloride of iron in phthisis, but he has a higher claim; he has thoroughly worked out a series of cases in which its therapeutic powers have been carefully tested, and he presents the evidence to his readers in a form which enables them to examine its validity.—*Medical Times and Gaz.*, July 12th, 1862, p. 40. His estimate of its powers in phthisis is, however, too highly coloured.
1864. BELL, C. *Practical observations on Diphtheria and Erysipelas.*
London, 8vo.
This pamphlet is written mainly to advocate the use of the tincture of the perchloride of iron in these affections.—*Med Times and Gaz.*, October 22nd, 1864.
1866. VICENTE, J. *Curacion de las Intermitentes; importancia terapéutica del Sesquicloruro Férrico en las hemorragias, el cólera, las fiebres purulentas y en las intermitentes.*
Madrid, 8vo, pp. 116.
1866. BURIN DU BUISSON, —. *Précis du mode d'emploi à l'extérieur et à l'intérieur du Perchlorure de Fer liquide à l'usage des hôpitaux et des ambulances militaires dans le traitement des Plaies par armes à feu.*
Paris, 8vo, pp. 72.
1866. RICHER, P. **De l'emploi thérapeutique du Perchlorure de Fer.*
Paris, 4to.
1867. AUBRUN, E. **Du Perchlorure de Fer, ses applications thérapeutiques principalement dans la Diphthérie.*
Paris, 4to.
1867. MARCACCI, G. *Settantatre nuovi esperimenti fatti con alcuni coagulanti il sangue, e più particolarmente col Percloruro di Ferro-magnetico.*
Siena, 8vo.

1868. LABURTHE, J. Des Varices artérielles et des Tumeurs cirsoïdes, de leur traitement spécialement par les injections de Perchlorure de Fer. Paris, 8vo, pp. 46.
1869. SCHALLER, E. J. De l'usage du Perchlorure de Fer liquide, et notamment du Perchlorure de Fer dilué, dans le Croup et dans les autres formes d'Angine. Paris, 8vo, pp. 105.
1872. FOUILLOUX, P. *Essai sur le pansement immédiat des Plaies d'Amputation par le Perchlorure de Fer. Paris, 4to et 8vo, pp. 57.
1872. ONFRAY, L. J. *Des injections du Perchlorure de Fer dans le traitement des Tumeurs cirsoïdes artérielles. Paris, 4to.
1872. NOURY, M. J. *Du Perchlorure de Fer à l'intérieur à haute dose dans le traitement de la Diphthérie et spécialement de l'Angine pseudo-membraneuse. Paris, 4to.
1873. EMANAU, A. *Du traitement de la Variole Hémorrhagique par le Perchlorure de Fer et l'Alcool. Paris, 4to.
1874. LEBEL, L. P. A. C. De l'influence du pansement ouaté et du Perchlorure de Fer sur l'établissement de la suppuration et de la Fièvre traumatique. Paris, 4to.
1874. GUIPON, —. Propriétés abortives du Perchlorure de Fer dans la Variole. (Mém. présenté à l'Acad. de Méd. April 14th, 1874.) Paris, 8vo, pp. 15.
1875. BRIAND, G. *Du traitement des Tumeurs Erectiles, et en particulier du procédé par les injections de Perchlorure de Fer unies à l'acupressure périphérique. Paris, 4to.
1875. BÉCHAMP, J. Des Peroxychlorures de Fer au point de vue médical, chirurgical, et toxicologique. Montpellier, 8vo, pp. 23.

FERRI PEROXIDUM HYDRATUM.

FERRI PEROXIDUM HUMIDUM, Brit. Ph.

1834. BUNSEN, R. W., und BERTHOLD, A. A. Eisenoxydhydrat, das Gegengift des weissen Arseniks, &c. *Vide* "Arsenic (Toxicology of)," 1834.
1837. GEARY, W. T. *Vide* "Arsenic (Toxicology of)," 1837.
1839. WOOD, T. *On Hydrated Peroxyde of Iron. Philadelphia, 8vo.
1840. TIERSOT, H. *Vide* "Arsenic (Toxicology of)," 1840.
1841. ORFILA, M. J. B. *Vide* "Arsenic (Toxicology of)," 1841.

FERRI PHOSPHAS.

Phosphate of Iron.

1864. SANDRAS, C. L. Du rôle des phosphates dans l'organisme et en particulier du Phosphate de Fer. Paris, 8vo, pp. 56, tab. i. 2me éd. Paris, 1867. *Bibl. Med.-Chir. Soc.*

1865. SCHAEDELIN, A. Mémoire sur les pastilles de Phosphate de Fer, considérées comme remplaçant toutes les préparations ferrugineuses et l'huile de foie de Morue. 3me éd. Paris, 8vo.
Bibl. Med.-Chir. Soc.

FERRI SULPHAS.

Sulphate of Iron.

1609. SALA, A. Anatomia Vitrioli in duos tractatus. Aurel. Allob. 18mo.
Bibl. Med.-Chir. Soc.
1617. MINDERERUS, R. De Calcantho seu Vitriolo, ejusque qualitate, virtute et viribus nec non medicinis ex eo parandis. August. Vindel. 4to.
Bibl. Med.-Chir. Soc.
1618. KERNER, A. Tetras Chymiatrica, proponens præstantiam et in medicina efficaciam Auri, Mercurii, Antimonii et Vitrioli. Erphordiæ, 12mo.
Bibl. Med.-Chir. Soc. ; Acad. Edin.
1626. VERBEZIUS, D. Pro R. Mindereri disquisitione de Calcantho responsio. August. Vindel. 4to.
Bibl. Med.-Chir. Soc.
1666. TRUMPHIUS, J. G. De Vitriolo. Jenæ, 4to.
Bibl. Med. Soc. Lond.
1751. VATER, A. Programma de Vitrioli ejusque Sulphuris et tincturæ indole atque præstantiâ. Wittembergæ, 4to.
1763. GMELIN, P. F. *Diss. de probato, tutoque usu interno Vitrioli Ferri factitii adversus Hæmorrhagias spontaneas largiores. Resp. C. de Olnhäusen. (Id. in *Schlegel Thes. Mat. Med.*, vol. ii, p. 453.) Lipsiæ, 8vo.
Bibl. Coll. Phys. Edin. ; Med. Chir. Soc. (Schlegel).
A good memoir, containing directions for preparing "Vitriolum Ferri factitium," the grounds on which it is to be preferred to other preparations of iron, its great powers in controlling hæmorrhage and nocturnal emissions.
1810. MAKO, C. C. H. Recherches sur l'emploi du Sulfate de Fer dans le traitement des Fièvres Intermittentes. Paris, 8vo, pp. 62.
1832. BLAUD, —. Sulfate de Fer et Sous-carbonate de Potasse contre la Chlorose et les maladies chlorotiques. (Ex. in *Revue Médicale*, i, 1832, p. 337.)
This interesting paper, occupying thirty-one pages, is reproduced *in extenso* in Bayle's *Biblioth. Therap.*, iv, p. 237-268. Much evidence is adduced in favour of the combination indicated in the title.
1853. BURIN DU BUISSON. *Vide* "Ferri Perchloridum," 1853.
1860. ARNAUD, B. *De l'hémostatique chirurgicale en général et de l'usage du Sulfate de Peroxyde de Fer en particulier. Strasbourg, 4to, pp. 40.
1871. TURCK, A. Nouveau rapport sur le traitement de la Pleuro-pneumonie contagieuse du gros bétail par le Sulfate de Fer, adressé à la Soc. de l'Agriculture de Nancy. Nancy, 8vo, pp. 18.

FIGUS. THE FIG.

Fruit of *Ficus Carica*, Linn.

1619. STURM, J. C. Diss. de curatione morbi per Ficum.
Altdorfi, 4to. Ibid. 1696.
1744. HEGARDT, C. *Ficus*, ejusque historia naturalis et medica.
Præs. C. Linnæus. Upsaliæ, 4to, pp. 28, tab. i. (In *Amœn.*
Acad. i, p. 213-243.) *Bibl. Banks.*
Mainly botanical, discussing, however, pretty fully the medical properties
and uses of figs. Amongst other things it is mentioned that figs partaken
of largely communicate a fetid odour to the perspiration; a curious cir-
cumstance, if true.
1783. LORLÉ, P. **Ficus maturans*. Duisburgi, 4to, pp. 16.
Bibl. Roy.
A commentary on the disease of King Hezekiah and the 'maturant'
virtues of the fig.—*Callisen.*
1786. GEDNER, E. **De Ficu*. Upsaliæ, 4to.
Bibl. Med. Soc. Lond.
1820. GALLESIO, G. C. *Pomona Italiana: parte scientifica; fasci-
culo primo contenente il trattato del Fico*. Pisa, 8vo, pp. 123.
"Ouvrage extrêmement curieux."—*Mérot et Delens.*
1869. ALBINI, G. Sul frutto dal Fico (*Ficus carica*) Notizie sto-
riche-preliminari. Napoli, 4to.
1870. ALBINI, G. Continuazione delle ricerche sul frutto del
Ficus Carica. Nota. Napoli, 4to.

FILIX MAS.

Rhizome of *Aspidium* (*Nephrodium*) *Filix Mas*, Swartz.

- 1737? SWAMMERDAM, J. De Filice Mare Dodonæi, diss. episto-
laris. Impr. in ejus *Biblia Naturæ*, vol. ii, p. 906-910. *Anglicè*
On the Felix mas or Male Fern of Dodonæus. Printed with his
Book of Nature, p. 151-153. *Bibl. Banks.*
1775. [NOUFFER.] Précis du traitement contre le Ténia ou ver
solitaire pratiqué à Morat en Suisse. Paris, 4to.
Bibl. Acad. Edin.
1775. [NOUFFER.] Traitement contre le Ténia ou ver solitaire
pratiqué à Morat...examiné et approuvé à Paris. Paris, 4to.
This and the preceding memoir, "imprimés par ordre du roi," contain the
official notification of the secret remedy of Madame Nouffer, the widow of
a Swiss surgeon, which Louis XVI had purchased for 18,000 francs.
The principal or active ingredient in her nostrum was the powdered rhizome
of the male fern, which consequently was brought prominently to notice,
especially in France.
1777. SIMMONS, S. F. An account of the Tænia or Long Tape
Worm, and of the method of treating it as practised at Morat,
in Switzerland. Translated from the French, with preface, notes
and plates. London, 8vo, pp. 80.
The treatment here indicated is mainly by the male fern root. See
Duncan's Med. Commentaries, v, 1777, p. 70.

1821. GEBHARD OF GEBHARDT, B. D. *Diss. sistens analysisin chemicam Radicis Filicis Maris. Kiliae, 4to.

1826. BATSÓ, V. *De Aspidio filice mare. (Historisch-chemische Betrachtung über die Wurzel des männlichen Farnkrautes.) Vindobonæ, 8vo, pp. 37.

M. Batsó in this memoir announces the discovery of an acid, *filicic acid*, and an alkaloid, *filicine*, in the root of the male fern, in which he considers the anthelmintic power of the remedy to reside.

1826. PESCHIER, C. Sur un nouveau moyen de tuer le Ténia vulgaire. (Ex. in *Bibliothèque Univ. de Genève*, xxx, 1826, p. 205.)

Notwithstanding previous testimonies in favour of male fern it seems to have fallen into comparative disuse till the publication of this memoir by Dr. Peschier, who was one of the first to point out the superior advantages of the resinous oil extracted by ether, the ethereal extract of present writers. His evidence of its powers as a tænicide is very conclusive, based as it is upon 160 successful cases. In this country its value is established by the trials of Professor Christison (*Edin. Med. Journal*, July, 1853), Dr. J. H. Bennett (*Monthly Journ. of Med. Sci.*, February, 1855), Dr. A. Fleming (*infra*), and others.

1827. ROBERTIUS, H. L. M. *De Filicis maris Oleo. Regiomonti, 8vo, pp. 32.

1829. ROEDERER, C. G. *De radice Filicis maris et de Extracto ex eo parato. Jenæ, 4to, pp. 26.

1833. ERDMANN, J. F. J. *De virtute et vi medica Extracti Filicis mari resinosi ad Tænia expellendas. Dorpati, 8vo, pp. 39.

1857. LIEBIG, A. Investigationes quædam pharmacologicæ de Extracto Filicis maris æthereo. Dorpati Livon. 8vo, pp. 35.

1864. FLEMING, A. On the Oil of Male Fern in Tapeworm. (Reprint from *British Medical Journal*, 1864.) London, 12mo, pp. 8.

An interesting brochure, containing a brief analysis of 100 cases of tapeworm treated with this remedy. The results tend to establish beyond doubt the great efficacy of the oil of male fern in tapeworm, and its superiority to the other known remedies for this disease. The ethereal extract in drachm doses, given in emulsion on an empty stomach, is pronounced to be the best mode of exhibition.

1874. KIERN, L. Sur les préparations de la Fougère mâle, et de leur efficacité dans le traitement du Ténia. Paris, 8vo, pp. 16.

FENICULUM VULGARE, Gaertner.

Common Fennel.

1665. SCHENCKIUS, J. T. **Μαραθρολογία* sive de Fœniculo. Resp. F. Kaltschmied. Jenæ, 4to, pp. 88. *Bibl. Banks.*

1732. EHRMANN, J. C. Diss. de Fœniculo ejusque usu medico. Præs. J. Boecler. Argentorati, 4to, pp. 40. *Bibl. Coll. Surg. Lond.; Radcliffe.*

1863. BONTEMPS, C. F. Z. *Essai thérapeutique sur le Fenouil. Strasbourg, 8vo, pp. 30.

FORMIC ACID.

1822. RAVIER, F. *Rhumatisme Chronique, son traitement par l'Acide Formique. Paris, 4to.
1845. MITSCHEBLICH, C. G. De Acidi Acetici...Formici, &c., effectu in animalibus observato. *Vide* "Acetic Acid." Berol. 4to.

FRAXINUS EXCELSIOR, Linn.

The Common Ash.

1700. SCHROEB, J. C. Curiöse Beschreibung des Eschenbaumes, &c. Frankfurt an der Oder, 8vo.
1712. HELVIGIUS, C. *De Quinquina Europæorum sive Cortice Fraxini. Gryphisvaldiæ, 4to, pp. 48. *Bibl. Banks.*
Nempe fraxino ejusque cortice quem contendit valde similem esse Peruviano, sapore etiam elementis, &c.... Vires laudat in febribus et aliis morbis. —Haller, *Bibl. Bot.*, ii, p. 90.
1791. SCHREGER, B. N. G. *De Corticis Fraxini excelsioris natura et viribus medicis. Lipsiæ, 4to, pp. 35. *Bibl. Acad. Edin.*
From his observations Dr. Schreger concludes that, although some may have valued too highly the medicinal powers of this bark, yet since its virtues as a febrifuge are well authenticated, it ought to be considered as a valuable gift from the bountiful hand of nature. *Vide* review in *Duncan's Med. Commentaries*, xviii, 1793, p. 159-164.
1808. LEROY, A. V. L. A. Mémoire sur le Kinkina Français et Péruvien. Paris, 8vo.
Adduces evidence in favour of the antiperiodic properties of ash bark and of its capabilities as a substitute for cinchona.

FUCUS HELMINTHOCORTON. *Vide* PLOCARIA HELMINTHOCORTON.

FUCUS VESICULOSUS, Linn.

And other Species of Fucus.

1606. FORESTUS, P. Tract. de Venenis, et Fucis. Lugd. Bat. 8vo.
1768. GMELIN, S. G. Historia Fucorum. Petropoli, 4to, pp. 239, tab. 35. *Bibl. Banks.*
1774. MEIER, F. W. *De Æthiope vegetabili (Fucus vesiculosus) cum analectis nonnullis de salibus. Præs. H. F. Delius. Erlangæ, 4to, pp. 72. *Bibl. Acad. Edin.*
1816. GRIFFEN, A. R. On the botanical, chemical, and medical properties of Fucus edulis. *Linn.* New York, 8vo, pp. 36, tab. col. i. *Bibl. Linn. Soc.*
1823. MONTEN, A. *Observationes circa Iodinum in Fuco vesiculoso. Londini Gothorum, 4to, pp. 13.
1830. MEYER, L. *De Fuco vesiculoso atque de Iodo quædam quod continet. Kiliæ, 4to, pp. 15.
1844. PRESTANDREA, A. Sulla estrazione della gelatina dal Fucus viscosus, *Forskål.* Firenze, 8vo. *Bibl. Linn. Soc.*

1862. DUCHESNE-DUPARC, L. V. Du Fucus vesiculosus (chêne marin), de ses propriétés fondantes et de son emploi contre l'Obésité. Paris, 8vo, pp. 20. Deuxième éd. 1863, Paris, pp. 46.

FUMARIA OFFICINALIS, Linn.

Common Fumitory.

1718. CAMERARIUS, R. J. *Diss. de Fumaria. Resp. J. C. Rieckius. Tubingæ, 4to, pp. 20. *Bibl. Banks.*
1723. UMMIUS, J. A. *De Herba Fumaria. Groningæ, 4to, pp. 14. *Bibl. Banks.*
1749. ROUSSY, J. L. *Diss. de Fumaria vulgari. Argentorati, 4to, pp. 20. *Bibl. Banks; Coll. Surg. Lond.*
1789. OTTO, B. C. *Diss. de Fumaria. Resp. D. G. Hiller. Traject. ad Viad. 4to, pp. 23. *Bibl. Banks.*
1832. HANDSCHUCH, K. F. G. A. De plantis Fumariaceis systematis naturalis, earumque viribus et usu, &c. Erlangæ, 8vo, pp. 44.

GALIUM APARINE, Linn., et alt. Species.

Goose Grass.

1784. EDWARDS, J. A short treatise on the plant called Goose Grass or Clivers, and its efficacy in the cure of the most inveterate Scurvy, with the recipe for preparing and taking this simple and excellent medicine, and references to those cured of the disorder. London, 8vo. *Bibl. Manchester Med. Soc.*
1802. SELIG, C. W. De Galii rotundifolii caractere botanico usuque medico. Erlangen, 8vo, pp. 40. *Bibl. Linn. Soc.*
1852. SCHWARZ, R. Vorläufige Notiz über die Bestandtheile des Krautes von Galium verum und Galium aparine. Wien, 8vo, pp. 8.

ACIDUM GALLICUM.

Gallic Acid.

1847. ITZSTEIN, M. Das gallensäure Natron als Arzneimittel, &c. Mainz, 8vo, pp. 36.
1869. JÜDELL, G. Ueber das Verhalten der Gallussäure und Pyrogallussäure im Organismus. Göttingen, 8vo, pp. 17.

GAMBIR.

Extract of Uncaria Gambir, Roxb.

1847. GUIBOURT, N. Mém. sur les astringents connus sous les noms de Cachou, Gambir et Kino. Paris, 8vo, pp. 76.

GAMBOGIA.

Gamboge.

1614. REUDENIUS, M. Judicium de novo Gummi Purgante. (Impr. in W. Payer, 'Tractatus de Thermis Carolinis,' Lipsiæ, 12mo, p. 209-226.) *Bibl. Med.-Chir. Soc.*

1625. REUDENIUS, M. De novo Gummi Purgante epistola. Lugd. Bat. 12mo, pp. 58. *Bibl. Med.-Chir. Soc.*

Sermo est de gummi gitta aut gutta. Ejus usum adfirmat per experimenta, tutum esse salubremque in arthritide, dari posse ad septem et octo grana.—*Haller, Bibl. Bot.*, i, p. 417.

1626. LOTICHIUS, J. P. De gummi ut vocant Gotta, sive laxativo Indico discursus theoretico-practicus. Francof. ad Viad. 8vo.

1628. PUTEO, Z. Historia de Gumma Indica anti-asthmatica, anti-hydropica et anti-podagrica. Venetiis, 4to, pp. 40. *Bibl. Med.-Chir. Soc.*

There can be little doubt, from the description of its physical characters, its medicinal properties, and its synonyms, especially from passages in Rendenius, p. 237, that the "gum" described by this and the preceding writer was gamboge. The point at which they are both in error, and which creates some confusion, is its geographical source, which they both maintain to be Peru. It is, however, worthy of remark that the *Hypericum bacciferum* of Linnæus (*Vismia Guianensis, Pers.*), indigenous in Guiana, yields a purgative gum of a yellow colour, which in some other respects also resembles true gamboge.

1638. CASTELLI, P. Chrysopus ejusque nomina, essentia, usus facili methodo traduntur, &c. Messinæ, 4to.

De gummi guttæ; succum plantæ esse, sibi quidem ignotæ, curare hydro-pem, esse *κακοστομαχον*, corrigi spiritu vitrioli.—*Haller, Bibl. Bot.*, i, p. 428.

1777. JÆGER, C. F. *Diss. de Cambogæ Guttæ succo, sive Gummi Guttæ officinali. Resp. C. E. Gaupp. Tubingæ, 4to, pp. 32. Idem in *Sohlegel, Thes. Mat. Med.*, vol. ii, art. xxvi, p. 401. *Bibl. Coll. Phys. Edin.* (ed. Lipsiæ, 1793); *Med.-Chir. Soc.*

A discussion on the botanical origin, physical characters, and chemistry of gamboge, followed by an account of its medicinal properties and uses; especial notice is taken of its efficacy in dropsy, and of its powers as an anthelmintic in cases of tænia.

1858. DAVASZKIEWIEZ, L. Meletemata de Resinarum, præsertim Resinæ Gutti in tractu intestinali rationibus. Dorpati 8vo.

1872. LANESSAN, J. L. DE. *Étude sur le genre *Garcinia*, et sur l'origine et les propriétés de la Gomme Gutte. Paris, 4to.

The question of the true botanical origin of officinal gamboge was settled in 1864, by the late Daniel Hanbury, who demonstrated it to be *Garcinia Moralla*, Desrouss., var. *pedicellata*. Vide *Linnean Trans.*, xxiv, p. 487.

GASTRIC JUICE.

As a medical agent.

1785. CARMINATI, B. Ricerche sulla natura, e sugli usi del Suco Gastrico in medicina e in chirurgia. Milan, 4to. German transl. Vienna, 1785. *Bibl. Coll. Surg. Lond.*

1785. SENEBIER, J. Observations importantes sur l'usage du Suc Gastric dans la chirurgie. Genève, 8vo. German transl. Mannheim, 1786, 8vo. *Bibl. Coll. Surg. Lond.*

Contains an interesting account of the treatment of various forms of ulceration by the local application of gastric juice. See *Duncan's Med. Commentaries*, xi, 1787, p. 1—36.

1787. FELIX, A. J. *De Liquoris Gastrici ex ruminantibus desumpti uso medico. Traject. ad Viad. 4to, pp. 20.
1792. CHIARENTI, F. Ragionamento sulla Digestione con alcune osservazioni sull' uso vantaggioso del Sugo Gastrico nelle malattie dello stomaco. Firenze, 4to, pp. 85.
1793. CHIARENTI, F. Osservazioni ed esperienze sull' Sugo Gastrico riguardato come il mezzo destinato dalla Natura, per rendere suscettibile una gran parte delle sostanze ad essere assorbite dai diversi vasi assorbenti della macchina animale. Firenze, 8vo.
1797. BREERA, V. L. Programma del modo d'agire sul corpo umano per mezzo di frizioni fatte con Saliva ed altri umori animalizzati e colle varie sostanze che all'ordinario si somministrano internamente. Pavia, 8vo, pp. 48. Fourth ed. under the title of 'Anatripsologia,' &c., Pavia, 2 vols. 8vo, 1799-1800. Alt. ed. 1812-1814. German transl. of first ed. Leipzig, 8vo, 1798; of fourth ed. by J. Egerel, Vienna, 2 vols. 1800-1801, and Erlangen, 1806, 2 vols. 8vo.

For some curious and interesting observations on the uses of gastric juice and saliva in medicine, especially as solvents of opium and other active agents to be applied externally with a view to their absorption into the system, see review of this book in *Duncan's Annals of Med.*, iii, 1798, p. 190 *et seq.*

1799. GIULIO, C. Sugli effetti di alcuni remedi disciolti nel Suco Gastrico o Saliva. Torino, 8vo.
1802. DORSEY, J. SYNG. *Essay on the lithontriptic virtues of the Gastric Liquor. Philadelphia, 8vo. *Bibl. Med.-Chir. Soc.*

The author details several experiments made with the view of determining the solvent power of gastric juice on calculi in the bladder. He came to the conclusion that this power was so feeble that the stone progressed almost as fast as the solution, and that its use would not supersede the necessity of an operation.—*Amer. Journ. Med. Sci.*, January, 1845, p. 189.

1869. LUSSANA, F. Sur le traitement du Cancer à l'aide du Suc Gastrique du chien, et sur la manière d'extraire ce suc et de l'employer. Padova, 4to, pp. 24, tab. i.

Recently Professor Lussana has experimented with gastric juice as a local application in cancer, and although it was found to soften the tumour it was not powerful enough to arrest the progress of the disease. See *Edin. Med. Journ.*, July, 1874, p. 90.

GELATINE (ANIMAL), including

ICHTHYOCOLLA (ISINGLASS) and GLUTEN.

1725. SCHNEPFIUS, C. F. De Gelatinis. Tubingæ, 4to. *Bibl. Med.-Chir. Soc.*
1756. STOLZE, F. G. *Diss. medica de Ichthyocollâ. Helmstadii, 4to.

1803. GAUTIERI, G. *Sperienze ed osservazioni sul Glutine animale come rimedio nelle Febbri Intermittenti, &c. Milan, 8vo. German transl. by Dr. Bischoff, Berlin, 1804.
For an interesting analysis of this work see *Edin. Med. Surg. Journ.*, ii, 1806, p. 479-483.
1803. CADET-DE-VAUX, —. Mémoire sur la Gélatine des os, et son application à l'économie animale. Paris, 8vo.
1808. BODEN, C. F. *Diss. de Gelatinæ Animalis viribus medicatricibus imprimis in fugandis Febribus Intermittentibus. Præs. C. G. Kühn. Lipsiæ, 8vo. *Bibl. Roy.*
1854. PEYRAT, A. *Du Gluten et de son emploi. Paris, 4to. pp. 48.
1856. BRIOIS, C. A. Thèse sur le Gluten et les mélanges de différentes farines. Paris, 4to, pp. 36.
1863. LEBAIGUE, E. Emploi thérapeutique des Hydratès Gélatineux. Paris, 8vo, pp. 31.
1872. HÉRAUD, A. F. Gélatine: sa préparation, et ses usages alimentaires et médicaux. In *Nouv. Dict. de Méd. et de Chirurg. Prat.*, xv, p. 275. Paris.

GENISTA TINCTORIA, Linn.

Dyer's Broom.

1810. THIEBAUT DE BERNÉAUD, A. Du Genêt, considéré sous le rapport de ses différentes espèces, de ses propriétés, &c. Paris, 8vo.
1853. DESMARTINS, L. P. Emploi des différentes espèces de Genêt en médecine, du *Genista tinctoria* contre la Rage, &c. Bordeaux, 8vo, pp. 20.

GENTIANÆ RADIX.

Gentian Root.

1692. WEDEL, G. W. *De radice Amara Homeri (*Gentianum esse*). Jenæ, 4to.
1720. SLEVOGT, J. H. *De Gentiana. Respond. J. A. Weber. Jenæ, 4to, pp. 25. *Bibl. Banks.*
Short notice in *Haller, Bibl. Bot.*, ii, p. 29.
1777. HAETMANN, P. J. *Historia Gentianæ naturalis et medica. Traject. ad Viad. 4to, pp. 48.
1796. FRÖLICH, J. A. De *Gentiana libellus*, sistens specierum cognatarum descriptiones cum observationibus. Erlangæ, 8vo, pp. 141, tab. i. *Bibl. Coll. Acad. Edin.*
1810. MARQUIS, A. L. *Essai sur l'histoire naturelle et médicale des Gentianes. Paris, 4to, pp. 22.
1869. BRANDZA, D. *Histoire botanique et thérapeutique des Gentianacées employées en médecine. Paris, 4to.

GEOFFREÆE CORTEX. Vide ANDIRA INERMIS.

GEUM URBANUM, Linn.

Avens, Herb Bennet.

1781. BUCHHAVE, R. Observationes circa radicis Gei urbani sive Caryophyllatæ vires in præcipuis corporis humani affectionibus institutas. Hafniæ et Lipsiæ, 8vo, pp. 144, tab. i. Ed. secunda, 1784, pp. 262, tab. i. German transl. by — Tode, Copenhagen, 1782. *Bibl. Banks.*
1783. ANJOU, F. De radice Caryophyllatæ vulgaris officinarum, sive Geo urbano, *Linn.* Gottingæ, 4to, pp. 36. *Bibl. Banks.*
1784. WEBER, G. H. *De nonnullorum febrifugorum virtute et speciatim Gei urbani radicis efficaciâ. Resp. C. V. Koch. Kiloniæ, 4to, pp. 26.
1786. BUCHHAVE, R. Observationes circa radicis Gei urbani vires in Febribus præcipue Intermittentibus, aliisque morbis. Hafniæ, 8vo. *Bibl. Med. Soc. Lond.*
- A continuation of the author's experience is contained in a paper entitled "De Gei urbani radice, pharmaco Corticis Peruviani succedaneo," in vol. i of *Acta Regiæ Soc. Med. Hauniensis*, 1787-8. Of this see a full account in *Duncan's Med. Commentaries*, xiv, 1789, p. 43-57.
1799. VASSY, J. R. DE. *De viribus Gei urbani, sive Caryophyllatæ. Lugd. Bat. 8vo, pp. 40. *Bibl. Roy.*
1805. MELANDEI, G. Vide "Colchicum," 1805.
1827. LINDERHOLM, M. G. *Diss. botanico-medica de Geo urbano. Præs. C. P. Thunberg. Upsaliæ, 4to.

GILLENIA (SPIRÆA) TRIFOLIATA, Mönch.

Indian Physic. American Ipecacuanha.

1810. DE LA MOTTA, J. *On the properties and effects of Gillenia (Spiræa) trifoliata, *Linn.* Philadelphia, pp. 44.
- Contains the best printed account I have found respecting the mode of operation of this plant.—*Bigelow, Amer. Med. Bot.*, iii, p. 15.

GIN-SENG.

1700. BREYNIUS (vel BREYNIUS), J. P. *De radice Gin-Sem seu Nisi. (Panax Ginseng, *Nees.*) Præs. F. Dekkers. Lugd. Bat. 4to, pp. 20, tab. col. i. *Bibl. Linn. Soc.; Banks.*
1718. LAFITAU, J. F. Mémoire concernant la précieuse plante du Gin-Seng de Tartarie (Panax quinquefolius, *Linn.*) découverte en Canada. Paris, 8vo, pp. 88, tab. i. Nouv. éd. Montreal, 1858. 8vo, pp. 44, tab. i. *Bibl. Linn. Soc.; Banks.*
1736. VANDERMONDE, J. F., et St. VAST. *Ergo infirmis a morbo viribus reparandis Ginseng. Paris, 4to.
- Americanum idem cum Sinico esse.—*Haller Bibl. Bot.*, ii, p. 287.

1836. SCHULZ, J. De radice Ginseng vel Ninsi (*Panax quinquefolium*). Dorpati, 8vo, pp. 32.
1854. GARRIGUES, S. S. *Chemical investigations on Radix Ginseng Americana, &c. Göttingen, 8vo, pp. 25.
1860. RAY, A. Der Ginseng, chinesische Kraft-oder Lebensverlängerungs-Wurzel, als ein neuer unvergleichl. Arzneistoff gegen Nervenschwäche, &c. Erlangen, 8vo, pp. 30.

GLECHOMA HEDERACEA, Linn. (HEDERA TERRESTRIS).

Ground Ivy.

1707. RUDBECK, FILIUS, O. *De Hedera. Resp. J. Lundelius. Upsaliæ, 4to, pp. 45. *Bibl. Banks.*
1736. HEDER, C. A. *De Hederâ terrestri. Altdorff, 4to, pp. 24. *Bibl. Banks.*
1787. BENDER, C. B. *Glechoma hederacea, Linn., egregium in Atrophia medicamentum. Erlangæ, 4to, pp. 32. *Bibl. Banks.*

GLOBULARIA VULGARIS, Linn. ?

1875. JACQUÈME, C. Étude sur la Globulaire (*Globularia vulgaris* ?). Marseille, 8vo, pp. 16.

GLYCERINUM.

Glycerine.

1851. WAKLEY, T. Clinical Reports on the use of Glycerine in the treatment of certain forms of Deafness. London, 8vo, pp. 80. Swedish transl. Stockholm, 1851, 12mo.
1854. CAP, P. A. Mémoire sur la Glycérine et ses applications aux diverses branches de l'art médical. Paris, 8vo, pp. 32.
1854. BERTHELOT, M. *Combinaisons de la Glycérine avec les acides, et la reproduction artificielle des corps gras neutres. Paris, 8vo, pp. 112.
1856. CREVAUX, A. H. *Recherches sur la Glycérine. Strasbourg, 4to, pp. 44.
1856. LAMBERT-SERON, J. L. De la Glycérine; sur l'emploi de la Glycérine iodée comme succédanée de l'huile de foie de morue. Chauny, 8vo, pp. 24.
1856. BERTHELOT, M., et DE LUCA, S. Azione dell Joduro e Fosfora sulla Glicerina. Parigi, 8vo, pp. 24.
1857. BERTHELOT, M., et DE LUCA, S. Sur les combinaisons formées entre la Glycérine et les Acides chlorhydrique, bromhydrique et acétique. Paris, 8vo, pp. 12.
1859. DAVASSE, J. Note de matière médicale et de thérapeutique sur la Glycérine. Paris, 8vo, pp. 72. German transl. Vienna, 8vo, 1860.
1860. WILLMOTH, W. B. Glycerine and Cod-Liver Oil, their history, introduction, and therapeutic value. London, 12mo, pp. 197.
The chemical nature of glycerine is first treated of, and then follow con-

siderations on its employment in various diseases and its combination with other substances and their uses. Amongst others he describes nitro-glycerine.—*Medical Times and Gas.*, October, 1860, p. 361.

1861. CHAUTARD, A. Considérations sur l'emploi de la Glycérine pour l'administration du Sulfate de Quinine.

Clermont, 8vo, pp. 15.

1863. DEMARQUAY, J. N. De la Glycérine, et des applications à la chirurgie et à la médecine. Paris, 8vo, pp. 240. 3me éd. Paris, 1867.

Bibl. Med.-Chir. Soc.

Contains the results of the author's close investigation into the action and uses of glycerine. Everything essential to know concerning it may be found in this monograph, but the most original portion of it is that which relates to the use of this agent in the treatment of wounds.—*Lancet*, July 11th, 1863, p. 43.

1863. SMITH, W. ABBOTTS. On Glycerine, and its uses in medicine, surgery, and pharmacy; being principally an abstract of M. Demarquay's treatise 'De la Glycérine,' &c.

London, 8vo, pp. 69.

Contains a comprehensive account of glycerine, clear and simple, and when the author offers explanations of its action they are commonly satisfactory. Appended are a variety of approved formulæ for its use.—*Brit. and For. Med.-Chir. Rev.*, July, 1864, p. 147.

1865. HARTSHORNE, H. A Monograph on Glycerine and its uses.

Philadelphia, 12mo, pp. 68.

A valuable addition to medical literature. The therapeutical chapter presents a full summary of the application of glycerine in the treatment of disease. The author likewise enters minutely into the history and properties of this substance.—*Amer. Journ. Med. Sci.*, April, 1865, p. 466.

1869. CANQUOIN, —. Considérations relatives aux traitements des Maladies de l'Utérus; application des Glycérolés médicamenteux comme puissants résolutifs dans le traitement de ces affections, &c.

Dijon, 8vo, pp. 15.

1870. STEHBERGER, G. Der Croup und seine Behandlung durch Glycerin-inhalationen.

Mannheim, 8vo, pp. 19.

1871. GAULAED, L. *De la Glycérine.

Paris, 4to.

1873. VELASCO, C. DE. *La Glycérine dans le traitement des Plaies et des Ulcérations des Muqueuses.

Paris, 4to.

1875. PRUNIER, L. *Étude chimique et thérapeutique sur les Glycérines. Paris, 4to. Ibid. 8vo. pp. 63.

GLYCYRRHIZA GLABRA, Linn.

Liquorice. .

1711. GOEZ, J. C. *De Glycyrrhiza. Altdorf, 4to. pp. 35.

Bibl. Banks; Acad. Edin.

1717. WEDEL, G. W. *De Glycyrrhiza. Resp. J. A. Schmid.

Jenæ, 4to, pp. 34, tab. i.

Bibl. Banks.

1856. WIITE, W. J. Meletemata de Sacchari, Manniti et Glycyrrhizini in organismo mutationibus.

Dorpati, 8vo, pp. 36.

GOSSYPIUM, COTTON.

Regarded medicinally.

1827. GERSPACH, J. *Considérations sur l'influence des filatures du Coton sur la santé des ouvriers. Paris, 4to.
1830. GERSPACH, J. De l'emploi du Coton comme moyen de dépêcher les vésicatoires.
1831. SAINT-HILAIRE, F. T. *Quelques réflexions sur les Brûlures et leur traitement par le Coton. Montpellier, 4to.
Cotton or cotton-wool has for a long time been a popular application to burns, but it was first brought before the profession in a methodical and satisfactory way by Dr. Anderson, of Glasgow, in 1828. See *Glasgow Med. Journal*, May, 1828.
1839. SIGAUD, A. Mémoire sur l'emploi du Coton en chirurgie. Montpellier, 8vo.
1871. MEHU, —. Sur le Coton Iodé. Paris, 8vo, pp. 20.

GRAPHITE.

1809. WEINHOLD, K. A. Der Graphit als neuentdecktes Heilmittel gegen die Flechten. Leipzig, 8vo. Second ed. Meissen, 1812.
Graphite or plumbago recommended as an admirable remedy externally and internally in the treatment of cutaneous diseases.—*Edin. Med. Surg. Journal*, April, 1817, p. 141.

GRATIOLA OFFICINALIS, Linn.

Hedge Hyssop.

1738. BÜRCKEL, J. J. De Gratiola. Argentorati, 4to, pp. 26.
Bibl. Coll. Surg. Lond.
1775. KOSTRZEWSKI, J. Diss. medica de Gratiola. Vindobonæ, 8vo, pp. 64, tab. i. *Bibl. Banks; Acad. Edin.*
Divided into four chapters—1 contains a botanical description of the plant; 2, its synonyms and the opinions of various authors as to its medicinal qualities; 3, cases illustrating its powers in mania; and 4, an account of its effects in a variety of complaints—gonorrhœa, chlorosis, syphilitic affections, &c. See *Duncan's Med. Commentaries*, vi, 1779, p. 141.
1777. SPALOWSKY, J. De Cicuta...Gratiola, &c. Vide "Conium," 1777. Vindob. 8vo. *Bibl. Med.-Chir. Soc.*
Contains a brief account of the botany, medical properties, and therapeutic uses of gratiola, together with formulæ for its administration.
1782. DELIUS, H. F. De Gratiolâ. Erlangæ, 4to.
1782. ZOBEL, —. De Gratiolâ, ejusque usu præsertim chirurgico. Erlangæ, 4to, pp. 26.
1784. HAERTMANN, P. J. *De Gratiola. Traject. ad Viad. 4to, pp. 28, tab. i.
1793. LENTIN, L. F. B. Von der Wirkung der Gratiola im Wahnsinn. Jense, 8vo.
Contains the details of three successive cases of insanity in which great advantage was derived from the powder of gratiola.—*Duncan's Ann. of Med.*, i, 1796, p. 41.

1796. SOMMER, K. B. De virtute et vi medica Gratiolæ officinalis.
Bigæ, 4to, pp. 26.
1799. DE LA VIGNE, G. F. De Gratiola officinali, ejusque usu præcipue in Morbis Cutaneis. Erlangæ, 8vo, pp. 46.
Bibl. Roy.
1813. REECK, R. A treatise on the anti-phthisical properties of Gratiola officinalis or Hedge Hyssop, with directions for its use in pulmonary consumption and asthma and coughs.
London, 8vo.
A popular rather than a professional work. *Vide also* "Krameria," 1808.
1818. ERHARD, E. De Gratiola officinali ejusque, præsertim in Mania, usu. Lipsiæ, 4to, pp. 24.
1845. MARCHAND, E. Faits pour servir à l'histoire chimique de la Gratiolle. Paris, 8vo, pp. 8.

GUACO. *Vide* MIKANIA.

GUANO.

As a medicine.

1852. DEMARS, J. J. Appel au contrôle de tous les Médecins. Un mot sur les bains de Guano purifié, employés avec succès dans les Dartres, les Teignes, &c. Paris, 8vo, pp. 16.

GUARANA.

Paullinia sorbilla, Martius.

1865. MANTEGAZZA, P. Del Guarana, nuovo alimento nervoso. (Ex. *Ann. Univ. de Medicina*, April, 1865). Milan, 8vo, pp. 56.

After a general history of this article the author furnishes an account of a series of minute experiments undertaken to ascertain its physiological effects. For a brief abstract of these and the results see *Brit. and For. Med.-Chir. Rev.*, January, 1868, p. 154-5.

1873. MACDOWALL, W. On Guarana as a remedy in Sick Headache. (Ex. in *Practitioner*, Sept. 1870.)
An excellent paper, throwing much light on the remedial properties of guarana.
1875. BENNETT, J. H. On the Antagonism between Guaranine and Meconate of Morphia. *Vide* "Medicines, Properties of," 1875.

GUAIACI LIGNUM et RESINA.

Guaiacum.

1518. SCHMAUS, L. Lucubratiuncula de Morbo Gallico et cura ejus noviter reperta cum Ligno Indico. Augustæ. Vindel. 8vo.
Hic Guaiaci arbor describitur, scriptio datur, ut decocta cum ligno aqua sit utendum. Hispanos medicos etiam pulverem dare.—*Haller, Bibl. Med. Pract.*, i, p. 504.
1519. HUTTEN, ULRIC VON. De Guaiaci medicina et morbo gallico. Moguntiæ, 4to. Redit. in 'Luisini Aphrodisiacus,' 1566, *infra*.

It has also passed through several editions and translations into German, French, and English (*vide* 1536).

Bibl. Med.-Chir. Soc. (English transl. 1730).

Bonus libellus, etsi non est medici opus. Vide *Haller, Bibl. Med. Pract.*, i, p. 505, where will be found a short abstract of the work.

This work contains a tolerable description of the tree, its wood, bark, and medicinal properties.—*Fückiger and Handbury, Pharmacographia*, p. 93.

The latest and best edition, in French, is that of Dr. F. F. A. Potton, from the press of Louis Perrin, of Lyon, 8vo, pp. lxxxiv, 218, 1865. It contains numerous and valuable notes, medical, critical, historical, biographical, and bibliographical, and is accompanied by a life and portrait of Von Hutten. The *Bulletin Bibliographique*, 1864-5, p. 168, speaking of this edition, remarks, "Il peut être compté parmi les chefs-d'œuvre de la typographie contemporaine, et les amateurs de beaux et bons livres pourront le placer dans leur bibliothèque au milieu des éditions les plus rares des Étienne, des Elzévir, des Didot, &c. Il reforme de très-jolies vignettes."

1525. GALLUS (LECOQ), A. De Ligno Sancto non permiscendo. Paris, 8vo. *Ibid.* 1540, 8vo. (Redit. in "Luisini Aphrodisiacus," 1566, *infra*.) *Bibl. Med.-Chir. Soc.* (ed. 1540).

Pro mercuriali frictione ante Theod. de Hery scriptis. Discrimen Ligni Sancti et Guaiaci ostendit, lignum sanctum præfert et describit.—*Haller, Bibl. Bot.*, i, p. 259.

1527. BETHENCOURT, J. Dialogus Aquæ Argenti vivi et Ligni Guaiaci, &c. *Vide* "Hydrargyrum," 1527. Paris, 8vo.

1529. DELGARDO (*vel* DELICADO), F. El modo de adoprare il Legno de India Occidentale, salutifero remedio ad ogni piaga e mal incurabile. Venet. 4to. *Ibid.* 1549?

Ipsæ per 20 annos malo venereo laboravit et plurima in nosodochio mala passus, demum a. 1526, usu decocti liqui sancti convaluit... Ipsæ electuarium ex eo ligno parabat et vendebat, quod arcanum sibi servat.—*Haller, Bibl. Med. Pract.*, i, p. 520.

1536. POLL, N. De curâ morbi gallici per Lignum Guayacanum, libellus. Venet. 4to, et Basil. 1536. (Redit. in "Luisini Aphrodisiacus," 1566, *infra*.)

1536. PAYNEL, T. On the wood called Guayacum that healeth the French poxes, and also helpeth the Goute in the Feete, the Stone, the Palsey, Lepree, Dropsy, Fallynge Euyll, and other diseases. Translation of Von Hutten's work, 1519, *antè*. London, 4to. *Bibl. Banks.*

1537. FEBBI, A. De Ligni Sancti multiplici medicina et exhibitione. Romæ, 4to. Ed. alt. Romæ, 1538, 8vo; Basil. 1538, 8vo; Paris, 1540, 1542; Lugd. Bat. 1547, 12mo; Poitiers, 1546, 16mo, et 1550, 8vo. *Vide etiam* "Ryff, W. H.," 1541, *infra*. (Redit. in "Luisini Aphrodisiacus," 1566, *infra*.) *Bibl. Radcliffe.*

Fusissime de eo ligno et de ejus externis et internis qualitatibus utendique ratione et modo. De morbis a capite ad pedes curandis per lignum sanctum.—*Haller, Bibl. Med. Pract.*, ii, p. 33.

1540. BONACOSSUS, H. De Ligno Sancto Bonon. 12mo.

1541. FUCHS, R. De methodo curandi Luem veneream per Guaiaci decoctum. Paris, 4to.

Capite xiii et sequentibus lignum indicum describit, ejusque usum.—*Haller, Bibl. Bot.*, i, p. 293.

1541. RYFF, W. H. Vom Guajaco. Strassburg, 8vo.

This is a German translation from the Latin of A. Ferri (1537), with the omission of the name of the true or original author!—*Haller*.

1542. BLONDUS, M. A. De origine Morbi Gallici deque Ligni Indici ancipiti proprietate. (Ex. in *Uffenbachii Thes. Chirurg.*, p. 965.) Romæ, 8vo; Venetiis, 1542, 8vo; Tiguri, 1555, folio.

Bibl. Acad. Edin.

Guaiaco curatos fere omnes relapsos esse.—*Haller, Bibl. Med. Pract.*, i, p. 519.

1553. BONACOSSUS, H. De humorum exuperantium signis... De modo præparandi aquam Ligni Sancti, &c. Bononiæ, 4to.

1566. LUISIUS, A. Aphrodisiacus, sive de Morbo Gallico omnia quæ exstant apud omnes medicos cujusque nationis, vel ex integris libris, vel quoque aliunde hujus affectûs curationem tradentibus; de Ligno Indico, Salsaparilla, Radice Chinæ, Argento vivo, naturæque rebus omnibus ad hujus Luis curationem inventis. Venetiis, folio. Ibid. Venet. 1599. Idem editus ab H. Boerhaave, Lugd. Bat. 2 vols. folio, 1728. Supplement by C. G. Gruner, Jenæ, folio, 1789. Summary or abridged English translation of Boerhaave's edition by D. Turner, London, 8vo, 1736.

Bibl. Acad. Edin.; *Coll. Surg. Lond.* (ed. 1566); *Coll. Phys. Edin.* (ed. 1599); *Med.-Chir. Soc.* (ed. 1789, with Gruner's supplement and Turner's summary).

This work contains notices or abstracts of the writings of fifty-nine of the earliest writers on syphilis, its history, and various modes of treatment. It presents many points of interest both from an historical and medical point of view. The writers on guaiacum noticed are Hutten (1519), Gallus (1525), Poll (1536), Brassavolus (1555), Ferri (1566), and C. Ferrandus (n. d.). In addition to these there are incidental notices of guaiacum in the writings of several others. Their concurrent testimony is strongly in favour of the antisyphilitic virtues of a decoction of the wood. Ferrandus, indeed, as cited by Turner in his Summary (p. 87), remarks "this divine medicament truly deserves the name we have here given it of 'Lignum Sanctum.' No mention is made by these writers of the resin, which, according to Flüchiger and Hanbury (*Pharmacographia*, p. 95), was first admitted into the London Pharmacopœia in 1677.

1592. WITTICH, J. Vom Ligno Guaiaco, Wunderbaum, China, Sarsaparilla, Sassafras, Lignum Nephriticum. Lipsiæ, 4to. Ibid. 1603, 4to.

Origo luis venereæ; guaiacum ejus morbi verum esse antidotum, de ejus adhibendi modo.—*Haller, Bibl. Med. Pract.*, ii, p. 140.

1592. SOHYLANDEE or SHILANDEE, C. His Chirurgerie .. With an easie maner of drawing Oyle out of Wound-herbes, Turpentine, Guaiacum and Waxe. Translated from the Latine by S. Hobbes. London, 4to. Black letter. *Bibl. Med.-Chir. Soc.*

1592. (Anon.) De usu Ligni Guaiaci in Epilepsia, &c.

Francof. folio.

1593. MINETTUS, H. Quæstio non minus pulchra quam utilis de Sarsaparillæ et Ligni Sancti viribus. Senis, 4to.

Decides in favour of the superior efficacy of sarsaparilla, a position attacked by the next writer.

1594. RECTORIUS (vel BETTORI), L. De indole et qualitate Guaiaci et Sarsæ-parillæ. *Vide* "Sarsaparilla," 1594. Bunoniæ, 4to.
1601. CLEMENS, C. Disputationes medicæ de natura et facultatibus Ligni Sancti. Romæ, 4to.
1602. CANEVARIUS, D. De Ligno Sancto commentarius, &c. Romæ, 8vo, pp. 141. *Bibl. Banks.*
1602. CAGNATUS, M. De Ligno Sancto disputationes binæ. Romæ, 4to. (Acced. ad ejus "De morte causa Partus," &c.) *Bibl. Med.-Chir. Soc.*
1605. CLAUDINUS, J. C. Paradoxa medica seu tract. de natura et usu... Guaiaci, &c. Francof. 4to. Ibid. 1660.
1624. JUNCKER, J. Compendiosa methodus therapeutica, qua morborum fere incurabiliū curationes docentur, per solam diætam et Ligni Guaiaci præparati administrationem. Erfordiæ, 4to. *Bibl. Med.-Chir. Soc.*
- Ad curandum luem lignum guaiacum præfert omnibus aliis auxiliis, ei hydrargyrum substitui posse.—*Haller, Bibl. Med. Pract.*, ii, p. 479.
1642. ABBAES, D. M. Methodo de conhecer, e curar o Morbo Gallico... e se trata do... Guaiacão, Pão Santo, &c. Lisboa, 4to. Alt. ed. Lisboa, 1683, folio, et 1715, folio.
1659. FESQUET, —. *Ergo Luis curatio per Guajacum quam per hydrargyrum tutior? Monspel. 4to.
1665. FRIDERICI, J. A. *Guajacan. Resp. J. G. Keyser. Jenæ, 4to, pp. 16. *Bibl. Banks.*
1719. SHORT, P. *De medicata Guajaci virtute. Lugd. Bat. 4to. *Bibl. Med.-Chir. Soc.*
1779. GRUNER, C. G. De specifico antipodagrico Americano (Guaiaco). (In *Baldinger's Sylloge*, vol. iv, p. 108.) Jenæ, 4to.
1782. ACKERMANN, J. F. *De tincturæ Guaiacinae virtute antarthritica. Resp. E. F. Eckhoff. Kiliæ, 4to, pp. 27.
1782. DUFAU, J. *Vide* "Lobelia syphilitica."
1786. WEISMANTEL, J. N. Sur la vertu et les propriétés de Gayac contre la Goutte. Erfurt.
1798. EXTER, J. G. AB. De Podagra, et maxime efficaci Gummi Guaiaci in Spiritu Nitri dulci sumpti... usu. Francof. ? 4to.
1800. THALACKER, J. F. *De Gummi et Ligni Guaiaci virtutibus et usu medico. Jenæ, 4to, pp. 42.
1804. DOUBLE, F. J. Considérations médicales sur le Gayac. (Guaiacum officinale, *Linn.*) (Ex. in *Mém. de la Soc. de Méd.*, xix, 1804, p. 278-82.)
Nutzen desselben in der phthisis pituitosa.—*Callisen*, vol. v, p. 291.
1835. COMFORD, R. *Diss. medico-pharmacologica de Guajaco. Viennæ, 4to.

GUTTA PERCHA.

1851. UYTTERHOEVEN, A. De l'application de la Gutta-Percha au traitement des fractures, &c. Bruxelles, 8vo, pp. 45, plates.
1852. DELABARRE, A. De la Gutta-Percha, et de son application aux dentures artificielles en remplacement des plaques métalliques et des substances osseuses corromptibles. Paris, 8vo, pp. 56.
1853. TRUMAN, E. The construction of artificial teeth with Gutta Percha, &c. Second ed. London, 8vo, pp. 60.
1855. ULRICH, F. X. Gutta Percha Verbände bei Knochenbrüchen. Vienna, 8vo, pp. 28.
1860. PAQUET, —. Traitement chirurgical et orthopédique par la Gutta-Percha ferrée, inventé et appliqué par Dr. Paquet. Roubaix, 8vo, pp. 96.
1868. VIDIL, H. *De la Gutta-Percha et de ses applications en chirurgie. Paris, 4to.

HÆMATOXYLON CAMPECHIANUM, Linn.

Logwood.

1780. WEINRICH, G. A. *Diss. de Hæmatoxylo Campechiano. Erlangæ, 4to, pp. 38. Idem in *Schlegel, Thes. Mat. Med.*, vol. ii, p. 187. *Bibl. Linn. Soc.; Med.-Chir. Soc.* (Schlegel).
Contains a fair account of logwood, its botanical source and pharmacological history. Its value in dysentery and diarrhoea, and the various modes of its administration, &c., occupy the latter half of the treatise.

HELIX POMATIA, the Snail, and HÉLICINE.

1808. TARENNE, M. G. Cochliopérie; Recueil des expériences très curieuses sur les Hélices terrestres ou Escargot, &c. Paris, 8vo.

The author states that having observed that the slimy juice of the snail has long been used with success in diseases of the chest, and noticing its astringency, &c., he was led to conjecture that this juice when applied to the skin would readily penetrate it and act upon subjacent parts; hence he was led to apply it to hernial apertures with the view of causing their contraction or closure. He asserts that in this way he succeeded in obtaining radical cures! "Though there is no rational expectation that a cure can be thus effected, yet the positive manner in which M. Tarenne relates his cases will induce some, perhaps, to give his method a trial." For the method, &c., see *London Med. Phys. Journ.*, xxiv, 1810, p. 18.

1813. WOHNLICH, W. De Helice Pomatia e classe molluscorum gastro-podon. Wirceburgi, 4to, plate. *Bibl. Med.-Chir. Soc.*
1854. DE LAMARE, E. De la guérison de la Phthisie Pulmonaire par l'Hélicine. Paris, 8vo, pp. 28.

In this brochure the author sets forth the virtues of helicine, a glutinous extract prepared from the snail, which in the form of broth has long been a popular domestic remedy in cases of consumption.

HELLEBORUS NIGER, L., et alt. Sp.

Black Hellebore and other varieties.

1577. GESNER, C. *Epistolæ Medicinales, &c....de Oxymelite Elleborato.* Tiguri, 4to. *Bibl. Radcliffe.*
1597. KUNRATH, C. C. *Fünf schöne Tractätlein der Elleboro, Bore-solis, Absinthio, Saccharo und der Schlange.* Leipzig, 8vo.
1610. CODRONCHUS, B. *De Rabie...et de Elleboro.* Francof. 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1616. HOLTZEMIUS, P. *Essentia Hellebori extracta.* Colon. Agrip. 8vo.
1623. HOLTZEMIUS, P. *Essentia Hellebori rediviva secundo extracta, &c.* Colon. Agrip. 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1665. DELSINGERUS, A. *Literæ de Hellebori nigri natura et viribus, &c.*
This work is given on the authority of Mérat and De Lens; no notice of it is taken by Haller or Pritzel.
1684. CAMERARIUS, R. J. **Helleborus niger medicæ delineatus.* Præs. G. B. Mezger. Tubingæ, 4to, pp. 28.
1721. WOLLEBIUS, L. *De Helleboro nigro.* Basileæ, 4to, pp. 24. *Varietates, analysis et doses.—Haller, Bibl. Bot., ii, p. 106.*
1733. BACHOVIUS, G. C. **De Helleboro nigro.* Præs. J. J. Baier. Altdorfii, 4to, pp. 16. *Bibl. Linn. Soc.*
1751. STEGMANN, J. A. C. **De salutari et noxiæ Ellebori nigri ejusque præparatorum usu.* Præs. A. E. Büchner. Halæ, 4to. *Bibl. Radcliffe.*
1774. BOEHMER, P. A. *De Hellebori nigri atque præsertim viridis usu medico.* Halæ, 4to, pp. 23.
1774. LINCKE, P. C. *De Hellebori nigri atque præsertim viridis usu medico.* Halæ, 4to, pp. 23.
1775. LINCKE, P. C. *De Hellebori viridis in Fluore Albo Venereo usu medico.* Servestæ, 4to, pp. 18.
- :786. HARTMANN, P. I. *Diss. virtutem Hellebori nigri hydragogam nuperis aliquot exemplis confirmans.* Resp. C. G. Franz. Trajecti. ad Viad. 4to, pp. 23. *Bibl. Roy.*
1817. SCHABEL, A. **Diss. de effectibus Veneni radicum Veratri albi et Hellebori nigri.* Tubingæ, 12mo. *Bibl. Med.-Chir. Soc.*
The best account of the effects of Veratrum album is contained in this thesis. Collecting together the experiments made by Wepfer, Courten, Viborg, and Orfila, and adding some excellent experiments of his own, he infers that it is poisonous to animals of all classes.—*Christison on Poisons*, 4th ed., 1845, p. 879. For a summary of Schabel's conclusions see *London Med. Phys. Journal*, xli, 1819, p. 118.
1818. KERR, G. *Medical Sketches: on the use of Hellebore as a remedy for Insanity, &c.* London, 8vo. *Bibl. Med.-Chir. Soc.*

1819. TOBIAS, M. *De Hellebori nigri indole chemica et usu medico. Berolini, 8vo, pp. 28.
 1844. PESSANI, P. *De Helleboro nigro. Paviæ, 8vo, pp. 38.

HELLEBORE OF THE ANCIENTS.

1594. BAUSCH, L. Comment. in Hippocratem de medicamento purgante et de usu Veratri. Madrit. folio.
 1622. CASTELLUS, P. Epistola in qua agitur, nomine Hellebori simpliciter prolato, tum apud Hippocratem tum apud alios auctores intelligendum album. Romæ, 4to, pp. 28. *Bibl. Banks.*
 Identifies the hellebore of the ancients with Veratrum album.
 1622. CASTELLUS, P. De Helleboro epistola secunda, in qua confirmantur ea, quæ in alia epistola de Helleboro allata fuere. Romæ, 4to, pp. 48. *Bibl. Banks.*
 Epistolam suam priorem contra Manelphum tuetur. Hippocratem, quoties simpliciter vocem Hellebori adhibet, album semper intelligere; vocem nigri, aut deorsum purgantis, addere, quoties nigrum vult. Eo albo helleboro veteres ad melancholiam et insaniam sanandam usos esse, ut tristibus tantum melancholicis niger helleborus servaretur, &c.—*Haller, Bibl. Bot.*, i, p. 427.
 1717. SCHULZE, J. H. De Helleborismis veterum. Halæ, 4to. Ibid. 1743. *Bibl. Coll. Phys. Edin.*
 Varios exhibendi albi hellebori apud antiquos modos docet, inter quos decoctum præfert. Ab Erasistrato primum descriptum esse. Inde de nigro helleboro quem veteres etiam adhibuerunt, etsi primo loco album propiarent.—*Haller, Bibl. Bot.*, ii, p. 143.
 1812. HAHNEMANN, S. Diss. historico-medica de Helleborismo veterum. Lipsiæ, 8vo, pp. 86. *Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.*
 1822. SONNTAG, C. A. *De Helleboro veterum cui epimetrum de Veratro albo a recentioribus usitato accedit. Jenæ, 8vo.
 1844. RIBBECK, P. De Helleborismo veterum. Berolini, 8vo, pp. 38.

HELMINTHOCOERTICON. Vide PLOCARIA HELMINTHOCOERTICON.

HERACLEUM SPHONDYLIIUM, Linn.

Cow Parsnip, Cow Parsley.

1761. CARTHEUSER, J. F. *De Branca ursina Germanica. Resp. J. G. Kunst. Francof. ad Viad. 4to, pp. 20. *Bibl. Banks; Radcliffe (sub nom. Kunst).*
 1860. ZINCKE, T. Untersuchung des flüchtigen Oeles in den Früchten von Heracleum Sphondylium. (Chemical.) Göttingen, 8vo, pp. 45.

HERMODACTYL.

1856. PLANCHON, J. E. *Des Hermodactes au point de vue botanique et pharmaceutique. Paris, 4to, tab. i. (*Ex Ann. des Sci. Nat. Bot.*, iv, 1856, p. 132.) *Bibl. Linn. Soc.*

A learned and elaborate brochure, in which the author endeavours to show that hermodactyl is the corm of *Colchicum variegatum*, *Lin.*, a native of the Levant. But one can hardly suppose, as Flückiger and Hanbury observe (*Pharmacographia*, p. 638), that this plant is the source of the hermodactyl (*Súrinján*) of the Indian bazaars, which is stated to be brought from Kasmir. For abstract of Professor Planchon's paper see *Pharm. Journ.*, xv, 1856, p. 465.

HERNIARIA GLABRA, Linn.

Erupture Wort.

1706. GRUHLMANN, J. G. De novo contra Oculorum Caliginem remedio tanquam specifico, Herniaria sive Ocularia.

Jenæ, 4to, pp. 12.

HIERACEUM VENOSUM, Linn.

1828. HARLAN, R. Experiments made on the poison of the Rattlesnake, in which the powers of the Hieraceum venosum as a specific were tested, &c.

Philadelphia? 4to.

Bibl. Med.-Chir. Soc.

HIRUDO MEDICINALIS.

The Medicinal Leech.

1583. BOTALLUS, L. De curatione per sanguinis missionem, de incidendæ venæ, cutis scarificandæ et Hirudinum affigendarum modo. Antwerp, 8vo. Lyon, 1590, 8vo; *ibid.* 1655, 8vo.

Full abstract of contents in *Haller, Bibl.-Med. Pract.*, ii, p. 127.

1638. CORTES, H. Summa medendi methodus, in qua de phlebotomia, medicis cucurbitulis, Hirudinibus, earumque recto usu disseritur. Venetiis, 4to.

1652. HEVNIUS (*vel* HEUNIUS), J. De Hirudinibus earumque in medicina efficacia. Greifswald. 12mo.

1658. (Anon.) Treatise on Phlebotomy, with the use of Cupping Glasses and Leeches. London, 8vo.

1665. NIGRISOLI, H. Progymnasmatæ sex: 1. de Hirudinum applicatione internæ parieti uteri in puerperis et mensium suppressione. Guastallæ, 4to.

Guilbert (*infra*, 1826), from an examination of this work, is of opinion that Nigrisoli applied leeches to the internal surface of the vagina and not to the os uteri itself, as he considered he did.

1672. METZGER, G. B. Thesium chiriticarum sylloge quarta, de Hirudine. Resp. G. L. Herbert. Tubingæ, 4to.

1695. CRAUSIUS, R. W. *De Hirudinibus. Resp. J. L. Kampe. Jenæ, 4to, pp. 28. *Bibl. Banks.*

1699. COLEBUS, J. J. *De Sanguisugarum utilitate. Præs. G. E. Stahl. Halæ, 4to, pp. 24. Ibid. 1715. (In *Haller, Disp. ad Morb.*, vii, p. 376.) *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*
- Potissimum ad hæmorrhoides earum usus pertinet, quarum vasa deplent, eas absque irritatione revocant. Vidit earum usu lienem obstructum liberatum, hypochondriaca mala curata; arthritidem sublevant. Quare earum usum vehementer commendat.—*Haller, Bibl. Med. Pract.*, iii, p. 580.
1713. SCHRADER, F. Diss. de Hirudinibus. :— [Helmstadii, 4to. *Bibl. Roy.*
1738. HECQUET, P. La Médecine Naturelle, vue dans l'usage des Calmants, des Sangsues, &c. Paris, 2 vols. 12mo. *Bibl. Med.-Chir. Soc.*
1750. CHOMEL, J. B. L., et MORAND, J. F. C. *Ergo tumidis Hæmorrhoidibus Hirudines. Paris, 4to. (Ex. in *Haller, Disp. Med.*, vol. iv.) *Bibl. Med.-Chir. Soc.* (Haller).
1758. GISLER, N. Om Blod-iglaras nytta uti medicin. Stockholm, 8vo.
1763. LEIDENFROST, J. G. *De Hirudinibus sanguisugis. Resp. H. Hannes. Duisburgi, 4to.
1764. LINNÆUS, C. *Hirudo medicinalis. Resp. D. Weser. (In *Amen. Acad.*, vol. vii, p. 32.) Upsaliæ, 4to, pp. 15. *Bibl. Linn. Soc.; Banks.*
- A practical little thesis, dealing mainly with the medicinal uses of leeches rather than with their natural history.
1776. BENING, B. F. *Diss. zoologico-medica de Hirudine. Harderv. 4to, pp. 32. *Bibl. Banks.*
1777. HARTMANN, J. B. De Hirudine medicinali. Vindobonæ, 8vo.
1778. DELAPLANCHE, M. F. *An suppressis prioribus lochiis Hirudines? Paris, 4to.
1780. GRUNER, C. G. Progr. de recta Hirudinum applicatione. Jenæ, 4to.
1789. BACH, A. Abhandlung über den Nutzen der Blutegelen in der Arzneiwissenschaft. Breslau, 8vo. *Bibl. Roy.*
1789. EXTER, J. G. AB. Diss. de Podagra et...Hirudinum in ea usu. Franequer. 4to.
1798. HORN, G. Treatise on Leeches, wherein the nature, properties, and uses of that most singular and useful reptile are clearly set forth. London, 8vo. Alt. ed. New York, 8vo, 1805. *Bibl. Acad. Edin.*
1803. ROCHETTE, G. Essai médical sur les Sangsues. Paris et Londres, 8vo.
- 1804? CHALVET, C. D. Quelques idées générales sur l'action des Sangsues dans les Phlegmasies, particulièrement sur leur application dans la Pleurésie. Paris, 4to.

1806. THOMAS, P. *Mémoire pour servir à l'histoire des Sangsues.*
Paris, 8vo, pp. 150.
1809. VITET, L. *Traité de la Sangsue médicinale.* Paris, 8vo, tab. i.
Bibl. Manchester Med. Soc.
Very highly spoken of in a full analytical review in *London Med. Phys. Journ.*, xxvi, 1811, p. 408—416.
1811. CLESIVS, J. *Beschreibung des medizinischen Blutigels, &c.*
Hadamar, 8vo, pp. 71, tab. ii. *Bibl. Med.-Chir. Soc.*
1813. WATSON, G. **De Hirudinibus.* Edin. 8vo.
Bibl. Coll. Phys. Edin.
1814. POURCHER DUCROS, J. B. **Sur l'emploi des Sangsues en médecine.*
Paris, 4to, pp. 19.
1814. JOHNSON, J. B. **De Hirudine.* Edin. 8vo.
Bibl. Coll. Phys. Edin.
1816. JOHNSON, J. R. *A treatise on the Medicinal Leech, including its medical and natural history, with a description of its anatomical structure; also remarks upon the diseases, preservation, and management of Leeches.* London, 8vo, pp. 147, tab. ii.
"Further Observations," 1825, London, 8vo, pp. 112.
Bibl. Med.-Chir. Soc.
Contains much information and some novelty.—*Edin. Med. Surg. Journ.*, July, 1816, p. 364. With reference to the "Further Observations," 1825, the reviewer in the *Medical Times*, April 5th, 1851, p. 379, remarks that they contain much information valuable alike to the zoologist and medical philosopher.
1817. KUNTEMANN, J. H. L. *Untersuchungen über den Blutegel.*
Berlin, 8vo, pp. 107, tab. v. *Bibl. Med.-Chir. Soc.*
For a lengthened abstract of this work see *London Med. Phys. Journ.*, xli, 1819, pp. 312, 399, 480.
1819. DEBEAUNER, L. **Anatomie de la Sangsue: sur son usage en médecine.*
Paris, 4to.
1819. SCHELLIER, A. A. **Emploi des Sangsues en médecine.*
Paris, 4to.
1820. KNOLZ, J. J. *Naturhistorische Abhandlung über den Blutegel und ihren medicinischen Gebrauch.* Vienna, 8vo, pl. 2.
Bibl. Roy.
1820. GRESSELY, L. **Sangsues et nouveaux scarificateurs.*
Paris, 4to.
1820. CARENA, H. *Monographie du genre Hirudo, &c.*
Turin, 8vo, col. plates.
1821. LENOBLE, —. *Notice sur la conservation et la reproduction des Sangsues.* Versailles, 8vo.
1821. FREUDENTHAL, C. G. *Comment. med.-chirurg. sistens venæsectionis et Hirudinum applicationis perlibrationem atque æstimationem, &c.* Göttingæ, 4to, pp. 78.
1822. CHAMBIGE, M. L. **Emploi des Sangsues.* Paris, 4to.

1822. PRICE, R. On the utility of Sanguisuction or Leech-Bleeding in the treatment of a great variety of diseases. London, 12mo, pp. 152. *Bibl. Coll. Surg. Lond.*
- This little work indicates no inconsiderable research among ancient authors, and, what is perhaps of equal value, good sense and judgment respecting those things which have fallen under his own observation.—*Med.-Chir. Rev.*, July, 1826, p. 69.
1823. VAN CALCAR, A. De Hirudinis historia naturali et usu medico. Lugd. Bat. 8vo. *Bibl. Roy.*
1824. MAGNY, P. N. *L'emploi des Sangsues en médecine. Paris, 4to.
1825. DERHEIMS, J. C. Histoire naturelle et médicale des Sangsues. Paris, 8vo, tab. 6. *Bibl. Facult. Phys. Surg. Glasgow.*
1825. PICQUET, J. B. Avis au public sur l'emploi raisonné des Sangsues. Saint-Claude, 8vo, pp. 32.
1826. GUILBERT, J. N. Considérations pratiques sur certaines affections de l'Utérus, en particulier sur la Phlegmasie Chronique, avec l'Engorgement du col de cet organe, et sur les avantages de l'application immédiate des Sangsues dans cette maladie. Paris, 8vo. 2me éd. 1831, 8vo, pp. 126.
- For an abstract of M. Guilbert's views see *Med.-Chir. Rev.*, October, 1826, p. 508—511.
1827. MOQUIN-TANDON, A. Monographie de la famille des Hirudinées. Paris, 4to. Nouv. éd. 1846, q. v. *Bibl. Med.-Chir. Soc.*
1827. FISCHER, J. F. F. *De Hirudine medicinali. Berol. 8vo, pp. 30.
1830. KEMPER, E. J. H. *De applicatione Hirudinum ad portionem uteri vaginalem. Berol. 8vo, pp. 24. *Bibl. Coll. Phys. Edin.*
1830. MÜLLER, L. G. Der medizinische Blutegel, &c. Quedlingburg, 8vo, pp. 70.
1831. NOTT, J. C. *An Essay on Leeches. Columbia, Pa. 8vo.
1833. GEOGHEGAN, E. Observations on the effects of Bloodletting containing an Investigation of the practice of general and local abstraction of blood; also how far Leeches may be efficacious independently of the evacuation they produce, &c. London, 8vo.
1835. OTTO, K. A. F. Der medizinische Blutegel. Weimar, 8vo, tab. lith. 7.
1835. AULAGNIER, —. Mémoire sur l'Hirudo vorax de l'Algérie. Paris, 8vo.
1838. CHARPENTIER, A. Monographie des Sangsues médicinales. Paris, 8vo.
- Report on this memoir by MM. Boullay et Guibourt. Vide *Journ. de Pharm.*, xxiv, p. 310.

1841. SCHÖFFER, C. Der medizinische Blutegel.
Quedlingburg, 8vo, pp. 132.
1841. HUDSON, J. Treatise on the Medicinal Leech. Hull, 8vo.
Without any claim to the character of a scientific monograph, this brochure supplies many facts alike curious and useful on the reproduction and economical management of the medicinal leech.—*Medical Times*, April 5th, 1851, p. 579.
1842. GUIBOURT, HENRY, et HUZARD. Rapport sur un Mémoire de M. Derheim intitulé "Quelques considérations physiologiques sur les moyens d'économiser les Sangsues." (*Bull. de l'Acad. Royale de Méd.*, vii, p. 981.)
1842. WEDECKE, —. Der medizinische Blutegel, in naturhist. und ökonom. Hinsicht, &c. Berol, 8vo.
1843. ESCOLAR, D. S. Apuntes para la Historia Natural y Medica de la Sanguijuela. Madrid.
Divided into two parts, considering the leech (1) in its zoological relations, and (2) in its use in practical medicine; on both these the author offers many interesting observations. It concludes with an account of the various instruments which have been proposed to replace the leech in practice, e.g. the bdellometer of Sarlandière, the bdellophore of Charpentière, the artificial leech of Johnson, &c. None of these instruments, however, have been found to effectually supply the place of the leech. See analytical review in *Medical Times*, April 5th, 1851, p. 377.
1844. EGIDY, H. E. Die Blutegelzucht nach Ergebnissen der Erfahr. dargestellt, nächst ausführl. Beschreib. des Blutegels, &c. Zittau, 12mo, tab. 4.
- 1844 (1833?). SCHEEL, A. W. L. Der medizinische Blutegel, &c. Breslau, 8vo, tab. 1.
1844. CHEVALIER, A. Note sur le commerce des Sangsues et sur les fraudes nuisibles pratiquées dans la vente de ces annélides. Paris, 8vo. pp. 56. Ex. in "*Ann. d'Hygiène*," xxxiv, p. 41.
1845. MARTIN, J. Histoire pratique des Sangsues. Paris, 8vo.
1846. MOQUIN-TANDON, A. Monographie de la famille des Hirudinées, nouvelle édition revue et augmentée. Paris, 8vo, pp. 448, avec atlas de 14 pl. gr. et col.
Cet ouvrage est ainsi divisé—*Histoire de l'étude*.—*Description des organes et des fonctions*, systèmes cutané, locomoteur, sensitif, digestif, sécrétoire, circulatoire, respiratoire, reproducteur, symétrie des organes, durée de la vie et accroissement, habitations, stations.—*Emploi des sangsues en médecine*. Pêche, conservation, multiplication, maladies, transport et commerce, application et réapplication.—*Description de la famille, des genres et des espèces*: hirudinées, albionniennes, bdelliennes, siphoniennes, planériennes.—*Bull. Bibliog.* 1860, p. 48.
1853. HERVIEUX, E. De l'application des Sangsues chez les enfants, des accidents qu'elles déterminent et les moyens d'y remédier. Batignolles, 8vo, pp. 20.

1854. FERMOND, C. Monographie des Sangsues Médicinales; avec 36 figs. Paris, 8vo. German transl. by C. H. Schmidt. Weimer, 1859, 8vo, pp. 267.
1857. EBBARD, E. Nouvelle monographie des Sangsues Médicinales, description, classification, nutrition, reproduction, qualités des diverses races, des maladies. Paris, 8vo, avec 12 pl. contenant 104 fig., dont 76 col. *Bibl. Med.-Chir. Soc.*
1859. ROUCHEB, C. Mémoire sur l'emploi et réemploi des Sangsues, observations faites à l'hôpital de Philippeville (Algérie). Paris, 8vo, pp. 32.
1863. STANELLI, R. Über Blutegel und Blutegelzuchtanlagen. Berlin, 8vo, pp. 32.
1863. BENEDEN, P. J. VAN, et HERSE, C. E. Recherches sur les Bdelloides ou Hirudinées et les trématodes marins. Bruxelles et Paris, 4to, pp. 142, tab. col. 14. Appendices i—iv, p. 142—168, avec 2 pl. en partie col.
1868. NEGUS, R. P. Essay on Leeches. A practical handbook, with preface by Dr. F. Mueller. Melbourne, 8vo, pp. 35.
1870. SILVA, H. Observations sur la pathologie, la thérapeutique et la récolte des Sangsues. Paris, 8vo, pp. 16.

HUMULUS LUPULUS, Linn., et LUPULIN.

The Hop, and its Active Principle Lupuline.

1587. BROMELIUS, O. Lupologia, eller en liten tractat om humlegårdar. Stockholm, 12mo, pp. 24. Alt. ed. Stockholm, 1740, 8vo, pp. 78. *Bibl. Linn. Soc.*
1718. EHINGER, J. *Diss. de Lupulo. Præs. J. J. Baier. Altfordi, 4to, pp. 20. *Bibl. Banks.*
1803. ROCHES, J. J. DE. *De Humuli Lupuli viribus medicis. Edin. 8vo, pp. 39. *Bibl. Med.-Chir. Soc. ; Acad. Edin.*
1805. BRYARLY, W. *Essay on the Lupulus communis of Gärtner, or the Common Hop. Philadelphia, 8vo.
- 1806? FREAKE, A. Observations on the Humulus Lupulus of Linnæus, with its use in Gout and other diseases, with cases and communications. London, 8vo, pp. 47. Second ed. London, 1816, 8vo. *Bibl. Med.-Chir. Soc.*

Mr. Freake has the merit of calling attention to a medicine whose virtues have been either overlooked or overrated. The author apparently belongs to the latter class. He is persuaded that it is eminently beneficial as an alterative and tonic, that it is a good diuretic, that it acts gently as an aperient, that it possesses considerable power as a sedative, and that it has great power in "correcting acrimony"! A great objection to the conclusions drawn by Mr. Freake, especially with regard to the value of the hop in gout, is that other remedies of known efficacy were exhibited at the same time with it. Amongst the communications is one from Dr. Maton, which in the opinion of the reviewer (*infra*) "is fairly worth all the rest put together."—*Edin. Med. Surg. Journ.*, iii, 1807, p. 351—4.

1811. FEEAKE, A. Additional cases, with further directions, relating to the use of Humulus or Hops in Gout and Rheumatic Affections. London, 8vo.
1823. PAYEN, A., et CHEVALLIER, A. Mémoire sur le Houblon... son analyse, &c., suivi d'une notice sur les avantages de substituer en médecine la matière jaune active de Houblon aux fleurs de cette même plante. Paris, 8vo, pp. 52. 3me éd. Paris, 1825, 8vo, pp. 68. 4me éd. Paris, 1828, 12mo, pp. 72, tab. 2.
1854. PERSONNE, J. Histoire chimique et naturelle du Lupulin. Paris, 8vo, pp. 40, tab. 1.
1867. MÉHU, A. *L'étude du Houblon et du Lupulin. Montpellier, 8vo, pp. 94, tab. 1.
1869. FRONMÜLLER, D. On Lupulin. *Vide* "Narcotics," 1869.

HYDRARGYRUM.

Mercury and Mercurials generally.

1527. BETHENCOURT, JACOB, A. Nova Pœnitialis Quadragesima, necnon Purgatorium in morbum Gallicum seu Venereum, una cum Dialogo Aquæ Argenti vivi, ac Ligni Guaiaci, collectantium super dicti morbi curationis prælatura, opus fructiferum. Paris, 8vo, pp. 120. Traduction Française avec commentaires par Dr. A. Fournier, Paris, 1870.

Morbum venereum novum esse, ann. 1495 primum adnotatum...Inunctionem (mercurialem) jubet sexto die, aut septimo, leni laxante medicamento interrompere, tum aliquot diebus quiescere; scirrhus duros et ulcera esthiomena longiorem inunctionem requirere...Guaiacum humidis et pituitosis ægris convenire: aquam argenti præstare reliquis auxiliis; ita hydrargyram vocat.—*Haller, Bibl. Med. Pract.*, i, p. 514.

Of Dr. Fournier's translation of this rare volume, published under the title of 'Nouveau Carême de Pénitence et Purgatoire d'Expiation à l'usage des malades affectés du Mal Français ou Mal Vénérien,' &c., there is an interesting account in the *Brit. and For. Med.-Chir. Rev.*, January, 1872, p. 150. It is there spoken of as containing a world of curiosity, of which not the least notable is the dialogue between mercury and guaiacum, a portion of which is cited. Whichever was employed, it was, as the reviewer justly remarks, "a sort of purgatory which the patient had to pass through." The original work is very rare, not a copy existing in any of the British libraries whose catalogues have been examined. It is said to be the earliest work published in France on the venereal disease. It is not included in the 'Aphrodisiacus' of Luisinus, 1566 *q. v.*

1566. LUISINUS, A. Aphrodisiacus, seu de Morbo Gallico, &c., de Ligno Indico...Argento vivo, &c. *Vide* "Guaiacum," 1566. Venetiis, folio.

In this collection of fifty-nine of the earliest treatises on venereal disease there is not one which treats specifically of mercury, but in the majority of them there are incidental notices of its employment as a local or external application. Thus W. H. Brackanau (1514), John de Vigo (1518), and J. Paschal (1534), give directions for mercurial ointments, plasters, and lotions to be used by way of inunction, and Fracastorius (1555) advocates mercurial fumigation. Fallopius (1565) appears to have been one of the first to administer it internally, mercury constituting the basis of his *Pill. ex Præcipitato*, to which great virtues were assigned. Two years previously, however, P. Bayrus, of Turin, speaks of a pill held in his time in great

repute called *Pill. contra Morbum Gallicum*, of which mercury formed an ingredient. The first who entered a protest against its use, whether externally or internally, appears to have been D. Leoni in 1562; he pronounces it a poison, inducing paralysis, tremors, convulsions, and a "train of the most baneful nervous symptoms."

1579. GISELINUS, VICTOR. *De Hydrargyri usu, ad Martin Everardum.* Antwerp, 8vo.
1596. QUIQUEBEUF, A., et PAULMIER, P. *Non ergo Hydrargyrum Luis Venereæ alexipharmacum. Paris, 4to.
Leve malum hydrargyro cedere; in gravi casu omnibusque adfectis debere frigus hydrargyri guaiaco emendari.—*Haller, Bibl. Med. Pract.*, ii, p. 319.
1603. BALCIANELLO, J. *Discorso contro l'abuso dell' Antimonio preparato, Argento vivo sublimato e del precipitato in medicam solutiva ordinato.* Verona, 4to.
1606. RENODÆUS, J., et ARBAUD, G. *An Hydrargyrum tutum Luis indictæ alexipharmacum? Lutetiae, 4to.
Arbaud was one of the earliest writers who denied that mercury was an antidote to the venereal poison.—*Med.-Chir. Rev.*, October, 1825, p. 436.
1618. KERNER, A. *Tetras Chymiatrica; in medicina efficaciam Auri, Mercurii, &c.* Erphordiae, 12mo.
Bibl. Med.-Chir. Soc.; Acad. Edin.
1620. UNTZER, M. *Anatomia Mercurii Spagirica, seu de Hydrargyri naturâ, proprietate, viribus atque usu, libri duo.* Halm, 4to.
Bibl. Med.-Chir. Soc.
1634. UNTZER, M. *Tract. vii, de Sale, Sulphure, Mercurio, &c.* Halm, 4to.
1642. ARRAES, D. M. *Methodo de conhecer, e curar o morbo Gallico, e se trata do Azogue (Mercury), &c.* Lisboa, 4to. *Idem, Lisboa, 1683 et 1715, folio.*
1646. BOURGEOIS, J. *Oratio de Mercurio.* Gottingæ, 4to.
1646. DEODATUS, C. *Epistola, utrum Hydrargyri inunctio Arthriticis conveniat?* Francof, 4to.
1649. BOUJONIER, F., et PATIUS, B. *Quæstio medica est ne certa et optima Luis Venereæ per solam Hydrargyrosin curatio. Paris, 4to.
Patius regarded mercury as the only antidote to syphilis.
1670. ROLFINGIUS, G. *Non ens chimaicum, Mercurius metallorum et mineralium.* Jenæ, 4to. *Bibl. Med.-Chir. Soc.*
1673. SCHIPPEL, J. N. *De usu et abusu Mercurii in Lue Venereæ. Præs. J. D. Major. Kilm, 4to.
Bibl. Coll. Phys. Edin.; Med. Soc. Lond.
Recommends guaiacum, sarsaparilla, &c., generally, and a resort to mercury in desperate cases only. Vide *Haller, Bibl. Med. Pract.*, iii, p. 128.
1682. DODART, D., et BOUDIN, J. *Ergo Cancro Hydrargyrum? Paris, 4to.
1683. LANCILOTTI, C. *Farmaceutico Mercuriale ovvero Trionfo dell' Mercurio.* Modena, 12mo.

1684. ABERCROMBY, D. Tuta et efficax Luis Venereæ absque Mercurio curandæ methodus. London, 12mo.
Bibl. Med.-Chir. Soc.; Radcliffe.
Declaims against the advantages of mercurial ptyalism in syphilis.—*Med.-Chir. Rev.*, October, 1825, p. 436.
1695. VATER, C. *De medicamentis Mercurialibus. Resp. J. C. Pezoldo. Vittenb. 4to. *Bibl. Roy.*
1697. WEDEL, G. W. Diss. de Mercurio philosophorum. Jenæ, 4to.
1698. SEGUYN, —, et REBAULT, —. Quæstio medica, an ut Lepresic Lui Venereæ Hydrargyrosis? Paris, 4to.
1698. PANTELIUS, M. *De Mercurio et ejus in usu medico operandi ratione. Resp. D. P. Varma. Regiomonti, 4to. *Bibl. Roy.*
1698. LAUNAY, C. DENYS DE. Nouveau système concernant la génération, les maladies vénériennes, et le Mercure. Paris, 12mo.
1700. CAMERARIUS, R. J. *De Panacea Mercuriali. Tubingæ, 4to.
1700. HOFFMANN, F. *De Mercurio et medicamentis Mercurialibus solutis ad expugnandos sine salivatione morbos corporis humani rebelles. Resp.—de Welde. Halæ, 4to. Dutch transl. by N. Heins, Hagæ, 1704, 8vo. *Bibl. Roy.* (ed. 1704).
Discusses the best forms of mercury for internal administration. Preference given to ethiops mineral (hydrargyri sulphuretum nigrum). The use of mercury (ciunabar?) in epilepsy noticed.—*Haller, Bibl. Med. Pract.*, iii, p. 553.
1700. PANTHOT, J. Sur l'effet du Mercure dans la Vérole. Lyon, 12mo.
1704. BAIER, J. J. *De Mercurii crudi usu interno. Resp. J. P. Roesel. Altdorfii, 4to.
1705. VESTI, J. *De usu et abusu medicamentorum Mercurialium. Resp. G. C. Eckmann. Erfordt. 4to.
1705. THOMPSON, A. De Mercurii et Opii operationibus mechanicis. Lugd. Bat. 4to.
1706. OERIO, C. De Hydrargyri natura, viribus et usu. Basil. 4to. (In *Zwinger, Diss. Med. Select.*, p. 222.) *Bibl. Coll. Surg. Lond.*
1706. VERI, C. De Hydrargyri vivi viribus et usu. Basileæ, 4to.
Alvus triduo obstructa deglutitis 20 unciiis reserata.—*Haller, Bibl. Med. Pract.*, iv, p. 440.
1708. DA FONSECA HENRIQUES, F. Tratado unico do uso e administração do Azougue, nos casos que he prohibido. Lisboa, 4to. Reimpresso, Lisboa, 1731, folio.
1708. DAPPER, J. *De Mercurio. Harderovici, 4to, pp. 23. *Bibl. Banks.*
710. ARRAGOSIUS, G. De natura et viribus Hydrargyri epistola. Basiliæ, 8vo.
Multa singularia de argento vivo passim hic reperias. Periculosissimum ejus

- metalli usum esse, suas tamen, si probe depuratus sit, vires habere.—*Haller, Bibl. Med. Pract.*, ii, p. 326.
1711. PAXTON, P. Essay concerning Diseases, &c., and the use of Mercury. London, 4to. *Bibl. Med.-Chir. Soc.*
1714. HALLET, W. De viribus Argenti vivi. Lugd. Bat. 4to. *Bibl. Med. Soc. Lond.*
1715. THIELEMANN, J. Z. *De abusu medicamentorum mercurialium. Argentorati, 4to. *Bibl. Roy.*
1717. GORIS, G. Mercurius triumphator, continens Argenti vivi historiam præsertim in Lue Venerea. Lugd. Bat. 8vo. *Bibl. Med.-Chir. Soc.; Radcliffe.*
1722. LUDOLFF, J. *De Mercurio vivo. Erfordii, 4to.
1725. BELLOSTE, A. Suite du Chirurgien de l'hôpital: du Mercure, &c. Paris, 12mo. English transl. Dublin, 1733, 12mo. *Bibl. Med. Soc. Lond.* (ed. 1733).
Mainly in praise of a mercurial pill which the author regarded apparently as a sort of panacea. See short abstract in *Haller, Bibl. Med. Pract.*, iv, p. 205.
1727. BAILLY, F. *Quæstio medica, an Hydrargyrus unicum Syphilitidis alexipharmacum? Resp. D. C. Frémont. Paris, 4to.
1727. RAUCH, J. G. *De Mercurii usu et abusu. Marburgi, 4to. *Bibl. Coll. Phys. Edin.*
1729. KAAU, H. De Argento vivo. Lugd. Bat. 4to. *Bibl. Banks.*
1732. BREST, V. An enquiry into the specific property of Mercury relating to the cure of Venereal Diseases. London, 8vo. French transl. London, 1735. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.* (French transl.)
1733. DOVER, T. Treatise on Mercury. London, 4to.
1733. TURNER, D. The Ancient Physician's Legacy (Dover's) impartially surveyed, &c., with a discourse on Quicksilver. London, 8vo. *Bibl. Med.-Chir. Soc.*
1734. BOERHAAVE, H. Some Experiments concerning Mercury. London, 8vo. *Bibl. Med. Soc. Lond.*
- 1735 (circa?) DOVER, T. Encomium Argenti Vivi. A treatise on the use and properties of Quicksilver. London, 8vo. *Bibl. Med.-Chir. Soc.*
1735. HARRIS, T. A treatise on the force and energy of Crude Mercury, proving the usefulness and innocency of its internal application. London, 8vo. *Bibl. Med.-Chir. Soc.*
1735. SARTORIUS, C. F. De usu Hydrargyri interno ad mentem recentiore. Resp. J. E. Hebenstreit. Lipsiæ, 4to. *Bibl. Coll. Phys. Edin.* (sub. nom Sartorius).
1735. WERLHOF, P. G. Specimina duo de medicamento alterante, &c., de Mercurio et de Aurigine. Hannoveræ, 8vo, et Venet. 1759.

1736. CANNETTI, P. L'uso e l'abuso del Mercurio.
Rovereto, 12mo. *Bibl. Med. Soc. Lond.*
1737. HERRENSCHWANDT, J. F. *Diss. sistens historiam Mercurii medicam. Lugd. Bat. 4to, pp. 22. *Bibl. Med.-Chir. Soc.*
1738. STAHL, J. J. *De Mercurii in corpus humanum agendi modo.
Resp. G. Feinler. Erfordii, 4to.
1739. BAIER, J. G. *De Mercurii in corpus humanum agendi modo, secundum leges physicas.
Altdorfii, 4to. *Bibl. Med.-Chir. Soc.*
1742. SANDERS, VAN WELL C. *De Mercurii vivi seu crudi usu interno tuto et efficaci. Duisburg, 4to. *Bibl. Roy.*
1742. SWAINE, A. *De Mercurio. Edin. 4to. *Bibl. Med. Soc. Lond.*
1742. SCHULZE, J. H. De Mercurialium usu in Febre Quartana curanda. Resp. J. G. Grævius. (In *Haller, Disp. Med. Pract.*, v, p. 101.) Halæ, 4to. *Bibl. Med.-Chir. Soc. (Haller).*
1744. BERTINI, J. M. X. Dell' uso esterno ed interno del Mercurio. Firenze, 4to. *Bibl. Med.-Chir. Soc.*
1744. VALDAMBINI, J. Dell' uso del Mercurio crudo. Firenze, 4to. *Bibl. Med. Soc. Lond. (sub nom. Venuti?)*
1745. SCAGANATI, N. De Alex. Knips Maloppe, ac de duobus remediis ab eo maxime illustratis, Mercurio et Aponensibus thermis commentatio. Padovæ, 4to.
1747. BRENDL, J. G. Programma de Hydrargyri reliquiis a ptyalismo expellendis. Gottingæ, 4to. *Bibl. Acad. Edin.*
1747. LUDOLPH, H. *De Mercurio per alcali soluto tutissimo specifico anti-venereo. Resp. D. C. Grasso. Erfordii, 4to.
1747. TYTE, G. Treatise on Mercury. Yeovil, 12mo. *Bibl. Med. Soc. Lond.*
1747. HEY, G. On the effects of Mercury. London, 8vo. *Bibl. Med. Soc. Edin.*
1748. QUELLMALZ, S. T. Programma quod Hydrargyri vires a Sulphure suspensas expendit. Lipsiæ, 4to.
1750. LODBERG, F. C. *De Mercurii usu interno. Hafniæ, 4to.
1750. BIANCHINI, G. F. Delle Febbri Maligne, e de loro principali Rimedi... e dell' uso del Mercurio. Venezia, 12mo. *Bibl. Coll. Surg. Lond.*
1751. FABRI, L. G. Appendix al trattato dell' uso del Mercurio sempre temerario in medicina. Luca, 4to.
1752. CHEVALIER, J. D. An per suffitum felicior et tutior quam par inunctionem Mercurialem morbi Venerei curatio? Paris, 4to. (In *Haller, Dis. Med. Pract.*, i, 502.) *Bibl. Med.-Chir. Soc. (Haller).*

1753. BORSIERI DE KANIFELD, J. B. Epistola de anthelmintica Argenti vivi facultate. Favent. 4to.
Bibl. Med. Soc. Lond. (sub nom. Bursarius).
1754. HUNDETMARK, C. F. De Mercurii vivi, et cum salibus varie mixti summa in corpus humanum vi atque efficacitate, &c. Resp. C. Bergmann. Lipsiæ, 4to.
Bibl. Coll. Surg. Lond.; Coll. Phys. Edin (sub nom. Bergmann).
1754. BÜCHNER, A. E. *Diss. de remediis Mercurialibus Spinæ Ventosæ medicandæ interdum idoneis. Resp. — Niemann. Halæ, 4to.
1754. BÜCHNER, A. E. Diss. de medicamentorum Mercurialium cum salibus paratorum efficacitate per adjunctum sulphur, &c. Resp. J. E. Richter. Halæ, 4to.
1755. BÜCHNER, A. E. Diss. de medicamentorum Mercurialium usu in Cancro. Resp. C. Cless. Halæ, 4to.
Bibl. Coll. Phys. Edin. (sub nom. Cless); Coll. Surg. Lond. (idem).
1755. STOCK, J. C. De usu et abusu Mercurii et medicamentorum Mercurialium. Jenæ, 4to.
1755. RAULIN, J. Lettre sur l'alliage du Camphre avec le Mercure et le succès de ce remède dans les Maladies Vénéériennes. Paris, 12mo.
1756. LE PASCHEUX DE LA REAULTE, A. *An Exostosi frictions Mercuriales? Monspel. 4to.
1756. LE PASCHEUX DE LA REAULTE, A. *De efficaci Mercurialium usu chirurgico? Halæ, 4to.
1756. LE PASCHEUX DE LA REAULTE. De efficaci Mercurialium in Cancro. Resp. — Jänsch. Halæ, 4to.
1756. DESFATUREAUX, G. D. *Quæstio medica: An Lui Venereæ Hydrargyrus Camphoratus? (In *Haller, Disp. Med. Pract.*, i, p. 525.) *Bibl. Med.-Chir. Soc. (Haller).*
1757. OWEN, P. *De Mercurio. Edin. 4to.
Bibl. Med. Soc. Lond.; Acad. Edin.
1757. BELLOSTE, M. A. Traité du Mercure. Avec une instruction sur le bon usage des pilules de M. Belloste. Paris, 12mo.
The son of A. Belloste (1725), here relates cases cured with his father's nostrum.
1758. KALTSCHMIED, C. F. De istis Mercurii partibus quæ imprimis miasma Venereum in corpore hærens destruere valent. Jenæ, 4to.
1759. HARTMANN, P. J. Diss. in qua Martis cum Mercurio conjunctionem usibus practicis commendat. Halæ, 4to.
1759. CARTHEUSER, J. F. *De suspectis quibusdam pharmacis salino-mercurialibus. Resp. C. G. Gulde. Francof. ad Viad. 4to.

1760. STOLL, J. S. G. *De Mercurii in solidis corporis humani hærentis noxa. Argentorati, 4to.
1761. HAGG, A. N. Diss. de Hydrophobia, ejusque per Mercurialia potissimum curatione. Argentorati, 4to. (In *Baldinger, Sylloge*, i, p. 249.) *Bibl. Med.-Chir. Soc.* (Baldinger).
1761. SPIELMANN, J. R. *De Hydrargyri præparatorum internorum in sanguinem effectibus. Argentorati, 4to. (In *Sandifort, Thesaur.*, i, p. 538.) *Bibl. Med.-Chir. Soc.* (Sandifort).
1761. BROMFIELD (fils). Observations sur le Solanum...du Mercure et de ses préparations. *Vide* "Solanum." Paris.
1762. AUMONT, A. D'. Mémoire sur une nouvelle manière d'administrer le Mercure dans les Maladies Vénériennes et autres. Paris, 8vo.
1763. AGOSTINI, A. Stranguaria, quæ venerea dicitur Mercurii potest...esse aliquando effectus. Venetiis, 8vo.
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1765. WATHEN, J. Practical observations on the treatment of Venereal Diseases by Mercurials. London, 8vo. *Bibl. Med.-Chir. Soc.*
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The object of this treatise is (1) to elucidate an important class of diseases which have been confounded with syphilis, and (2) to discriminate between those in which mercury may be advantageously employed and those in which it is to be avoided. The subject is treated in a very able manner. See review in *Med.-Chir. Rev.*, October, 1825, pp. 435, 485.

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Part i.

London, 8vo, pp. 127.

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The author of this book is strongly adverse to the use of mercury excepting in syphilis, in which he appears most reluctantly to acknowledge that "this pernicious mineral has certain medicinal virtues." See review in *Med.-Chir. Rev.*, June, 1820, p. 41—59.

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The question whether mercury rubbed into the skin passes into the blood is examined in this thesis, and after numerous experiments is decided by the author in the negative.—*Lond. Med. Phys. Journ.*, xlvii, 1822, p. 11.

1820. DAVIES, D. An Essay on Mercury, with Formulæ, &c., including remarks on the safest and most effectual methods of administration for the cure of Liver Complaints, Dropsies, Syphilis, &c. Bristol, 8vo, pp. 35. *Bibl. Coll. Surg. Lond.*

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London, 8vo, pp. 115.

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The author most unequivocally condemns the use of mercury in cases of nervous deafness.

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1824. CHÉRON, P. N. A. Sur l'emploi de l'Éther Mercuriel dans le traitement de la Syphilis. Paris, 8vo.

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Philadelphia, 1830, 8vo, pp. 217.
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Paris, 8vo. 2me éd., Paris, 1832. *Bibl. Med.-Chir. Soc.*
- "Faithful to the traditions of Montpellier," observes M. Bouchardat "M. Legrand enthusiastically extols the preparations of gold in scrofulous, syphilitic, and herpetic affections." His enthusiasm in their favour has apparently influenced his views with respect to Mercury, of the value and safety of which, as indicated by the title, he entertained grave doubts. In practice, in the treatment of syphilis at any rate, the preparations of Mercury have driven their more costly rivals out of the field.
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1831. ZWICKLITZ, P. *Diss. medico-historica continens usum et præparata Mercurii apud veteres. Berlin, 8vo, pp. 36.
1833. PEREGRINE, T. *De Hydrargyri in Syphilide curanda potestate. Edin. 8vo.
1834. PHILIP, A. P. W. On the influence of minute doses of Mercury, combined with the appropriate treatment, in restoring the functions of health, and the principles on which it depends.
London, 12mo, pp. 112. *Bibl. Med.-Chir. Soc.*
- Dr. Wilson Philip divides his work into three chapters—(1) on the *modus operandi* of mercury generally; (2) on the *modus operandi* of minute and frequently repeated doses of that medicine; (3) a consideration of those cases in which these minute and frequently repeated doses are applicable.

- The doses here indicated range from $\frac{1}{4}$ to $\frac{1}{2}$ of a grain of blue pill every six or eight hours; by these, long continued, he considers the full stimulant effect of mercury can be obtained without its sedative operation; or its whole benefit without any bad consequences. The book is not without its value: its great faults are a want of precision, a continued turning aside and hunting down every subject that may cross his path, and a want of lucid order.—*Edin. Med. Surg. Journ.*, xlii, p. 177—184.
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1834. BONNARDEL, N. *Emploi des Mercuriaux dans le traitement de certaines Affections Rhumatismales. Paris, 4to.
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1834. BOUVIER, C. M. *Diss. sur l'emploi du Mercure dans les Rhumatismes. Strasbourg, 4to.
Like the preceding, in favour of mercurial inunction.
1836. WIEZ, A. *Essai sur l'emploi des Frictions Mercurielles comme moyen abortif dans quelques Inflammations internes, &c. Montpellier, 4to.
1837. KORNMESSER, G. *De Hydrargyro. Berol. 8vo.
Bibl. Coll. Surg. Lond.
1837. COLLES, A. Practical observations on the Venereal Disease, and on the use of Mercury. Dublin, 8vo, pp. 351.
One of the most important works on the subject of which it treats. For a full analytical review see *Med.-Chir. Rev.*, October, 1837, p. 379; January, 1838, p. 65, and April, 1838, p. 329, where the whole subject is discussed *in extenso*.
1837. MAZADE, J. Sur l'emploi des Frictions Mercurielles dans le traitement de la Fièvre Typhoïde et de l'Erysipèle phlegmoneux. Montpellier, 8vo, pp. 28.
1839. MOORE, E. W. *On Mercury. Philadelphia, 8vo.
1839. REYNAUD, A. A. M. De la présence du Mercure dans le cerveau à la suite de l'emploi des préparations Mercurielles, &c. Cherbourg, 8vo, pp. 14.
- 1840? HOCKEN, E. On the comparative value of the preparations of Mercury and Iodine in Syphilis. Edin. 8vo.
Bibl. Med.-Chir. Soc.
1840. SIGMOND, G. G. Mercury, Blue Pill, and Calomel; their use and abuse. London, 8vo.
A reprint of some lectures which originally appeared in a medical journal. The first twenty six pages are occupied with a general history of the metal and its application, written in a very lively and amusing though not always correct style. The author then describes the various officinal preparations of mercury, and points out the diseases to which they are severally most applicable.—*Brit. and For. Med. Rev.*, July, 1840, p. 245.
1841. SIEGMUND, J. De Hydrargyri in ophthalmiatria usu et effectu topicæ applicati. Vratislaviae, 8vo, pp. 51.
1842. MIALHE, —. Recherches chimiques, thérapeutiques, physiologiques et toxicologiques sur les Mercuriaux. (*Ann. de Chim. et de Phys.*, June, 1842, reprinted in 1845 at the end of his 'Traité de l'art de Formuler.')

HYDRARGYRUM.

1842. ORFILA, M. J. B. Mémoire sur l'absorption du Mercure et de ses effets dans les diverses maladies, la Syphilis exceptée. Pa
Plomb... de Mercure, &c. Blo
1843. LEMAIRE, L. Des effets du Mercure et de ses effets dans les diverses maladies, la Syphilis exceptée. Blo
1845. PARKER, LANGSTON. The modern safe and successful treatment by the Mercurial Vapour Bath. Lond
1846. SUTHERLAND, J. S. Mercury in Fevers, &c. E
Hepatitis, as they occur in India, &c. Bibl. practi
- The production of an observing and thoughtful practitioner (Homœopathi
1847. SIMON, L. Comparer les effets du Mercure et de ses effets avec ceux que produit la Syphilis. Ulcerati
1851. HUNT, T. Syphilitic Eruptions, with especial reference to the use of Mercury. Lond, 8vo, pp. 25. Secon
- Mr. Hunt is altogether for the use of mercury in certain affections. He gives particular directions for its administration. His pamphlet will repay the expenditure of the half hour perusal.—*Brit. and For. Med.-Chir. Rev.*, July, 1851, p. 1
1852. GREEN, J. An improved mode of employing mercury in the treatment of Syphilitic Affections. Lond
- The author was the proprietor of a vapour bath, and his interests may, unconsciously, perhaps, have influenced the result.
1852. MAZADE, J. De l'emploi des frictions mercurielles dans la Syphilis, coincident avec les premiers symptômes de la maladie. Batignolles, 8vo, pp. 12. Deuxième édition.
1852. RENAULT, E. Traitement Mercuriel de la Syphilis. Paris, lu à l'Acad. Nationale de Médecine sur le rapport de M. le Dr. Blandin.
1855. SCHUTZ, E. Diss. de Inunctione Mercuriali in Syphiliticis inveteratis.
1856. CHENEVIER, —. De l'élimination du Mercure par le Potassium.
1857. WILLIAMS, H. W. On the treatment of Syphilitic Affections by the use of Potassium Iodide internally. Lond, 1857, p. 174.

1857. PERSONNE, J. Note sur le passage du Mercure dans le Lait des animaux soumis au traitement mercuriel. (Ex. in *Recueil des travaux de la Soc. d'Emulation pour les Sci. Pharm.*, tom. ii).
Paris, 8vo, pp. 4.
1857. HERMANN, J. Die Behandlung der Syphilis ohne Mercur, &c.
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1858. ALT, O. Die Behandlung der Syphilis mit Mercur, &c.
Leipzig, 8vo, pp. 16.

This is a scientific examination and refutation of the preceding work by Dr. J. Hermann.

1858. ABEL, G. De Hydrargyri usu in Syphilide nonnulla.
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1858. KNISPPEL, M. De usu et abusu Hydrargyri in curandis Morbis Syphiliticis.
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1858. LORINSEB, F. W. Merkur und Syphilis.
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1859. STOETI, P. Usi terapeutici del Mercurio e suoi principali preparati.
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1859. HERMANN, JOS. Die Nachteile der Merkurialkur.
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1863. LEBEL, A. De l'emploi des dragées antisiphilitiques à l'Hydrargyre et au Fer réduit pour guérir la Syphilis et prévenir les accidents mercuriels.
Paris, 8vo, pp. 20.
1864. BECK, J. B. Essays on Infant Therapeutics, with history of the origin and use of Mercury in Inflammatory Complaints. Third ed. New York, 12mo, pp. 167. First ed. New York, 1849.
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The seventh chapter, treating of the origin and use of mercury in inflammatory complaints occupies only eight pages, and these are chiefly devoted to showing that calomel was in use amongst American physicians in the treatment of this class of cases long anterior to the date (1784), when Dr. Hamilton, of Lynn Regis, introduced its employment to the notice of British practitioners. (*Vide* "Hydrargyri Subchloridum," 1784.) The author seems to overlook the fact that the great credit awarded to Dr. Hamilton is not so much for his proposal to employ calomel in inflammatory diseases, as for his pointing out the superior value of the combination of calomel and opium in this class of cases. A far more valuable and practical chapter in Dr. Beck's book is the third, "On the effects of Mercury on the Young Subject." It may be read with advantage by all.

1864. BONNOT, E. Des Mercuriales; ou exposé de tout ce qui se rapporte à cette question.
Paris, 8vo, pp. 49.
1865. DUNN, W. On the Mercurial and Non-mercurial treatment of Syphilis.
London, 8vo, pp. 48.
- Contains little new either as to facts or theories. In comparing these two

modes of treatment the author trusts chiefly to statistics, and on them he founds his conclusion in favour of the non-mercurial, as the safest though not always the most expeditious.—*Brit. and For. Med.-Chir. Rev.*, July, 1867, p. 166.

1866. MEREDYTH, C. On the rational employment of Mercury in the treatment of Syphilis.

London, 8vo, pp. 41.
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A temperate summing up of the argument in favour of the use of mercury in the treatment of syphilis.—*Ranking's Abstract*, xlv, p. 331.

1866. SIGMUND, C. L. Die Einreibungskur mit grauer Quecksilbersalbe bei Syphilisformen, &c.

Wien, 8vo, pp. 92.

1866. TEALE, T. PRIDGIN. On Mercury and Atropine in Iritis.

Vide "Atropia," 1866.

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1869. BENNETT, J. HUGHES. A report on Mercury appended to "Medicine in Modern Times by Dr. Stokes, Acland, &c., or Discourses delivered at a meeting of the British Medical Association."

London, 8vo

A very important paper. It is true that it upsets all our preconceived ideas as to the action of mercury on the liver, and is diametrically opposed to common experience in regard to its practical use when the bile seems to be defective; but it opens up entirely new views as to the action of a most important remedy, and gives a novel explanation of the relief obtained from its use in certain cases.—*Edin. Med. Journ.*, November, 1869, p. 456.

1869. BENNETT, J. HUGHES. Report on the action of Mercury, Podophyllin and Taraxacum on the Biliary Secretion; being the Report of the Edinburgh Committee of the British Medical Association.

Edin. pp. 45. Second ed. with appendix, *ibid.* 1874, pp. 80.

In 1868 the British Medical Association appointed a committee (consisting of Drs. Hughes Bennett, Christison, MacLagan, Fraser, Rutherford, and A. Gamgee) to examine the cholagogue properties of certain articles of the materia medica. The results of their investigations, embodied in the above-named pamphlet, were published by Professor Bennett on his own authority, the other members of the committee having publicly disclaimed their responsibility as regards the report on the ground that they had not the opportunity of seeing it previous to its publication in the *British Medical Journal*, July 25, 1868, p. 78, and May 8, 1869, p. 411, in which it originally appeared. The main conclusions drawn by Professor Bennett are—(1) *As to mercury*, that when administered so as to impair the general nutrition it lessens the biliary secretion; that given to dogs (the animals subjected in each instance to the experiments) in either small, gradually augmented, or in large doses, it does not increase the biliary secretion; and lastly, that it does not influence it at all so long as neither purgation nor impairment of health are concerned. (2) *As to podophyllin*, that in doses of 2 to 8 grains it diminished the solid constituents of the bile, whether purgation followed or not, and that doses which produced purgation lessened both the fluid and solid constituents. (3) *As to taraxacum*, that doses of the solid extract, varying from 60 to 240 grains, affected neither the biliary secretion, the bowels, nor the general health of the animal. These results, especially with regard to mercury, so contrary to a long-cherished belief, gave rise to much discussion. The contradiction, however, between a belief in the cholagogue

- powers of mercury on the one hand and the results obtained in this investigation on the other are more apparent than real, for the term "cholagogue" has a far wider signification than a mere stimulant of the biliary secretion; it extends to the removal or expulsion of bile from the system whether accumulated in the intestines or circulating in the blood, and there is clinical warrant for believing that mercury, especially calomel, can and does act in this way; hence it is deserving of being classed as a true cholagogue. The same in a minor degree, perhaps, holds good with regard to podophyllin and taraxacum. See on this point the observations of Dr. Lauder Brunton in an excellent paper on the action of purgative medicines in *Practitioner*, May and June, 1874.
1869. PARKER, LANGSTON. Mercurial Vapour Bath, being an account of its successful mode of employment. London, 8vo.
1869. GÜNTZ, J. E. Die Quecksilberfrage und die Beurtheilung einer neuen Heilmethode bei der Syphilis. Leipzig, 8vo, pp. 50.
1870. LUSSANA, F. Annotazioni pratiche e fisiologiche sull'azione sterilizzante dei preparati Mercuriali. Padova, 8vo, pp. 16.
1871. FRASER, T. B. Sketch of the present state of our knowledge respecting the action of Mercury on the Liver. (Reprint from *Edin. Med. Journ.*, April, 1871.) Edin. 8vo, pp. 24.
Considers the *questio vexata* of the action of mercury in an impartial and philosophical spirit.
1872. CHALMET, B. M. N. *De l'emploi du Mercure dans la Syphilis. Paris, 4to.
1873. HERMANN, J. Über die Wirkung des Quecksilbers auf den menschlichen Organismus.
Teschchen, folio, pp. 108, tab. chromo-lith. 4.
1874. PROKSCH, J. K. Der Antimercurialismus in der Syphilis-Therapie, literatur-historisch betrachtet.
Erlangen, 8vo, pp. 189.
1874. GUENEL, A. *Sur les frictions Mercurielles dans le traitement des formes graves de la Syphilis. Paris, 4to.
1874. SISSON, R. S. The Simple and Non-mercurial treatment of Syphilis.
London, 8vo.
This pamphlet is written to oppose the statements of some writers that syphilis is better treated without mercurials. The author cleverly and neatly proves his assertion.—*Edin. Med. Surg. Journ.*, August, 1874, p. 161.
1875. MAURIAC, C. Du traitement de la Syphilis par les Fumigations Mercurielles.
Paris, 8vo, pp. 19.

Mercurial Salivation, Ptyalism.¹

¹ Of the extent to which salivation was formerly carried we at the present day can form a very faint idea. Thus Grainger, in his 'Essay on West India Diseases' (Edinburgh, 1802), treating of yaws, says that when the disease is on the decline, in order to secure the habit from any latent taint, the best plan is to maintain a gentle (!) salivation for six weeks or two months, and he immediately adds "the quantity of spit in the twenty-four hours should never exceed a quart! (p. 74). If that was his idea of a *gentle* salivation, what must have been his views of a full one?

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1656. GOETZ, Z. N. *De Salivatione. Jenæ, 4to.
1668. CAPELLE, B. C. *De Salivatione Mercuriali. Jenæ, 4to.
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1668. MATTOT, P., et GUERIN, C. *Ergo in curandæ Syphilitide balneum ptyalismo præmittendum. Paris, 4to.
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1676. SENCKENBERG, J. H. *De Ptyalismo. Argentorati, 4o.
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1689. HORN, G. C. *De Salivatione Mercuriali. Præs. B. Albinus. Francof. 4to. (Ibid. in *Haller, Disp. Med. Pract.*, i, p. 403).
Bibl. Med.-Chir. Soc. (Haller); Coll. Phys. Edin. (ed. 1689). Ab unguento mercuriali ad hæmorrhoides applicato.—Haller.
1691. UNKELMANN, A. *De Salivatione Mercuriali. Altdorfi, 4to.
1694. WILHELM, N. M. *De Salivatione Mercuriali. Lugd. Bat. 4to.
1702. PURMANNUS, M. G. A treatise on Salivation; translated from the second edition printed at Francfort. London, 12mo.
Bibl. Radcliffe.
1705. FINKENAU, J. *De Salivatione Mercuriali. Regiom. 4to.
1710. ISAAC, J. D. *De Salivatione Mercuriali, aliis præter luem veneream morbis rebellibus extirpandis pari. Præs. G. E. Stahl. Halæ, 4to.
Bibl. Med. Soc. Lond.
1711. PAXTON, P. Essay on Diseases, &c., to which is annexed a short account of Salivation and the use of Mercury. London, 8vo.
Bibl. Med.-Chir. Soc.
1713. HEISTER, L. De Amaurosi, Salivatione curata. Altorfi, 4to.
1720. VAN LOON, A. De πτυαλισμῷ artificiali. Lugd. Bat. 4to.
1722. BOSCHETTUS, B. De Salivatione Mercuriali. Lugd. Bat. 4to.
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1723. CHICOYNEAU, F. The practice of Salivating shown to be of no efficacy in the cure of Venereal Disease. London, 4to.
Bibl. Coll. Phys. Edin.; Acad. Edin.
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1743. HOFFMANN, W. C. *De Salivatione Mercuriali. Giessæ, 4to.
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1750. SCOTT, J. *De Salivationis ad Luem Veneream curandam inutilitate. Edin. 4to. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1752. SIEBECKER, H. G. De Salivatione artificiali. Marburgi, 4to.
1753. GRAINGER, J. *De modo excitandi Ptyalismum et morbis inde pendentibus. Edin. 8vo. (In *Haller, Disp. ad Morb.*, i, p. 509.) *Bibl. Med.-Chir. Soc.*
1760. BERTEAM, —. Diss. de Salivatione Mercuriali cui indubio præservationis et curationis remedio adversus Rabiem Caninam. Præs.-Kaltschmied. Jenæ, 4to.
1765. HALES, C. Salivation not necessary for the cure of the Venereal Disease, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*
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1780. SWIFT, C. Salivation exploded. Essay on the Venereal Disease. London, 8vo. Fourth ed. 1782. *Bibl. Manchester Med. Soc.*
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1787. MAYWOOD, —. *Vide* "Hydrargyrum," 1787.
1793. GLOGGNER, C. A. De Salivationis usu in Morbis Venereis. Gottingæ, 4to.
1793. WOLFF, S. *De Salivationis valore critico. Halæ, 8vo. *Bibl. Coll. Phys. Edin.*
1799. GIBBONS, T. Medical Cases and Remarks. Part 1, on the good effects of Salivation in Jaundice arising from Calculi. Sudbury, 8vo, pp. 100. *Bibl. Coll. Phys. Edin.*
1800. ROWLEY, W. Reasons why violent Salivation, &c., should be banished for ever from practice. London, 8vo, pp. 175. *Vide also* "Injections," 1800. *Bibl. Med.-Chir. Soc.*
1812. BESSAYNE, A. *Sur le Ptyalisme Mercuriel. Paris, 4to, pp. 24.
1817. STUBBE, H. F. *De efficacia Salivationis in Lue Venerea sananda. Dorpati, 8vo.
1824. ARNOTT, J. Enquiry into the mode in which Mercurial Ptyalism operates in the cure of Acute Disease, and whether there exist other remedies of similar action that may be advantageously substituted for it. London, 8vo, pp. 16.
By a process of reasoning Mr. Arnott concludes that the curative effect of mercury in hepatitis, dysentery, and other acute diseases is owing principally, if not solely, to the counter-irritation produced in the mouth by complete ptyalism. He discards the idea of its acting as a constitutional remedy or as having any specific action in these cases.—*Med.-Chir. Rev.*, January, 1825, p. 153.
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The scope and extent of this work may be gleaned from a large plate with which it is embellished, entitled "The Martyrdom of Mercury," representing men and women with demolished noses, rotten tibias, exfoliated skulls, empty alveolæ, panther-like skins, fallen palates, and other attributes which "Dr." Sintelaer and some of his contemporaries liberally bestowed on that vile poison mercury. For an account of this curious book and its author, who appears to have been a quack of the first water, see *Med.-Chir. Rev.*, December, 1821, p. 597-605.
1726. VERDRIES, J. M. *De Convulsionibus speciatim quatenus a remedium Saturninorum et Mercurialium abusu provocantur. Giessæ, 4to. Ibid. 1732?
1733. BRADLEY, H. Treatise on Mercury, showing the danger of taking it crude, with remarks on Dover's Antient Physician's Legacy. London, 8vo. *Bibl. Med.-Chir. Soc.*
1747. LUDOLPH, H. *Demonstratio quod atrocissima Luis Venereæ symptomata non sint effectus morbi sed curæ Mercurialibus institutæ. Resp. L. A. Bitter. Erfordii, 4to.
1754. NEVILL, J. On Gonorrhœa, &c., showing the ill consequences of Mercurial Preparations, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*
1776. MARAT, J. P. An inquiry into the nature of a singular disease of the Eyes produced by the use of Mercurial Preparations. London, 8vo. *Bibl. Med.-Chir. Soc.*
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1783. BÆTHOLDI, —. De morbis Artificum metalla deaurantium e Mercurio oriundis. Erlangæ, 4to.
1792. SCHREIBER, —. *Diss. de Morbo Mercuriali. Erfordiæ, 4to.
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1804. MORIARTY, A. Description of the Mercurial Lepra. Dublin, 12mo. *Bibl. Coll. Phys. Edin.*
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Paris, 4to, pp. 25.
1857. FRETTE-DAMICOURT, E. *Sur le Tremblement Mercuriel.
Paris, 4to, pp. 42.
1860. BRESSONS, H. L. *De l'Intoxication Mercurielle.
Strasbourg, 4to, pp. 44.
1860. HABERSHON, S. O. On the injurious effects of Mercury in
the treatment of Disease. London, 8vo, pp. 82.
- Dr. Habershon is a very able exponent of the extravagances with regard to the use of mercury of which practitioners, even so late as 1860, were guilty, and he shows well the fallacies upon which the various theories have been built that have made mercurials the main remedy, or more properly speaking the main agent, in the medical man's hands in the treatment of disease. Dr. Habershon by no means wishes to banish mercurials from practice, believing them to be valuable remedial agents, but to regulate and restrict their use to certain conditions, of which he gives an enumeration.—*Brit. and For. Med.-Chir. Rev.*, July, 1860, p. 163-4.
1861. KUSSMAUL, A. Untersuchungen über den constitutionellen Mercurialismus und sein Verhältniss zur constitutionellen Syphilis.
Würzburg, 8vo, pp. 434.
1861. OVERBECK, E. Mercur und Syphilis. Physiologisch-chem. und patholog. Untersuchungen über das Quecksilber und über die Quecksilber-krankheiten.
Berlin, 8vo, pp. 351.
- The chief points of inquiry in this work are the absorption of metallic mercury, in the form of mercurial ointment and of certain other mercurial preparations, and the effects of, and the diseases produced by mercury. Although it cannot be said to exhaust the subject on which it treats, it must be considered as a most important contribution to our knowledge.—*Med. Times and Gaz.*, January 18, 1862, p. 65.
1861. SIRUS-PIRONDI, —. Sur l'absorption des médicaments, à propos de quelques faits de Stomatite Mercurielle survenue après la cautérisation du col utérin.
Marseille, 8vo, pp. 40.
1862. BEAULIES, H. G. *Quelques considérations sur la Stomatite Mercurielle.
Strasbourg, 4to, pp. 28.
1863. DRYSDALE, C. M. On the treatment of Syphilis and other diseases without Mercury, being a collection of evidences to prove that Mercury is a cause of disease, not a remedy.
London, 8vo, pp. 133.
- A well-written pamphlet, calculated to check the indiscriminate use of mercury in all diseases, and to coolen the passion for that panacea 'grey-powder' which has so long prevailed among practitioners in this country.—*Brit. and For. Med.-Chir. Rev.*, January, 1865, p. 48.
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1871. KABLÉ, L. *Considérations d'Hydrargyrie à la suite de frictions Mercurielles.
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CALOMELAS.

Hydrargyri Subchloridum. Calomel.

1700. CASPAR, J. *Diss. de panacea Merceniali. Præs. R. J. Camerarius. Tubingæ, 4to. *Bibl. Med. Soc. Lond.*
1700. STOLLIUS, J. A. *De Mercurio dulci. Præs. G. W. Wedel. Jens, 4to. *Bibl. Coll. Phys. Edin.*; *Coll. Phys. Lond.*
1705. WAGNITZ, M. E. Meditatio medica curiosa de Mercurio dulci pulverato. Quidlinburgi, 12mo. *Bibl. Coll. Phys. Edin.*
1742. STENZEL, C. G. De Mercurio dulci præstantissimo pituitæ resolvendæ et evacuantæ remedio. Wittenbergæ, 4to.
1745. HAVIGHORST, J. De singulari Mercurii dulcis usu in desperatis quibusdam morbis. Præs. M. Alberti. Halæ Magd, 4to. (In *Haller, Disp. ad Morb.*, vii, p. 181). *Bibl. Med.-Chir. Soc. (Haller)*; *Acad. Edin.*
1747. WANNER, F. X. Systema rationem dulcificationis Mercurii dulcis, &c., sistens. Argentorati, 4to.
1759. NORMAN, J. Method of curing Gonorrhœa, with an account of the efficacy of Plummer's Alterative Pills (Pil. Hydrargyri Subchloridi comp., *Br. Ph.* 1867). London, 8vo. *Bibl. Med.-Chir. Soc.*
1769. BRENDÆL, J. G. Progr. de inopinatis ex Mercurio dulci noxis. (In *Opusc. ed. Wrisberg*, i, p. 69.) Gottingæ, 4to.
1771. LYSONS, D. Essay on the effects of Camphire and Calomel in Continued Fevers, &c. London, 8vo. Farther observations, Bath, 8vo, 1777. *Bibl. Med.-Chir. Soc.*
1773. HARTMANN, P. J. Diss. de Mercurio dulci martiali ejusque præparatione et usu medico. Francof. ad Viad. 4to.
1779. CRUIKSHANK, W. Remarks on the absorption of Calomel from the internal surface of the mouth. London, 8vo.
1780. LANGGUTH, —. Prog. de Mercurio dulci, potentissimo Hydropis domitore. Wittenbergæ, 4to.
1785. HAMILTON, R. Letter to Dr. Duncan giving an account of a successful method of treating Inflammatory Diseases by Mercury and Opium. (Ex. in *Duncan's Med. Commentaries*, ix, 1785, p. 191.)
- Few contributions to medical periodical literature have ever exercised a wider and more durable influence than this. For fully half a century subsequently the combination of calomel and opium, here advocated, constituted the routine practice in all cases of inflammation amongst British practitioners in all parts of the globe, and considering how indiscriminately it was employed, the only wonder is that it was not productive of such a degree of mischief as to make shipwreck of its own reputation. Calomel as a remedy in inflammation was in use by American physicians some years anterior to Dr. Hamilton's recommendation of it (*vide Black*, "In Hydrargyrum," 1864), but it was reserved for him to demonstrate its greatly increased value when given in conjunction with opium.
1793. HILDEBRANDT, G. F. *Mercurii dulcis laudes. Resp. L. H. Winkel. Erlangæ, 12mo. *Bibl. Acad. Edin.*

1803. YEATS, G. D. An account of the good effects obtained from a combination of Calomel and Opium in Inflammatory Diseases. (Ex. in "Annals of Medicine," vol. ii, Lustrum ii).
1814. KINNIS, J. *De effectibus Muriatis Hydrargyri noxiis. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1814. FITZLEE, C. C. De usu Mercurii dulcis in Febre Nervosa. Jenæ, 8vo.
1816. GRIFFITH, C. On Hepatitis: with an appendix recommending the old Submuriate of Mercury in preference to those now in use. London, 8vo.
1821. HALLIDAY, A. Memorial to the Honorable the Court of Directors for the Affairs of the East India Company. Calcutta, 8vo, pp. 200.

A rare little work, presenting the history of a modern medical martyr, Dr. A. Halliday, of the Bengal Medical Service, and furnishing a curious episode in the history of mercury which appears worth preserving. In 1818 the Bengal Medical Board issued a circular calling upon the medical officers of that Presidency to furnish information based upon personal observation with regard to the diseases of the country, their treatment, &c., with the view of embodying the reports and publishing them collectively in one volume. Dr. Halliday, who had filled the office of surgeon to the General Hospital at Calcutta from May 1st, 1818, to August 17th, 1819, sent in a paper entitled—"Curious Coincidence betwixt the number of Casualties and the quantity of Calomel used in the General Hospital at Calcutta, extracted from the appendix to remarks on the monthly returns of that hospital for the last three years and nine months," the sum and substance of which is embodied in the following table:

	Cases treated.	Grains of Calomel to each Patient.	Proportion of Deaths to Cases.
From 1st May, 1816, to 30th April, 1817	1063	102½	1 in 8½
" " 1817 " " 1818	875	208	1 " 7½
" " 1818 " " 1819	2089	51⅞	1 " 15
" " 1819 " 17th August, 1819	635	28½	1 " 20
" 1st Sept., 1819 " 21st January, 1820	707	123½	1 " 6½

The paper, which contained also some strictures on the hospital management, gave great offence to the ruling powers, who apparently were staunch mercurialists, it being considered to reflect injuriously on their favourite practice. Dr. Halliday was therefore called upon to withdraw his paper and recant his opinions, which he refused to do, though great pressure was brought to bear upon him, as he alleged that what he had advanced was strictly correct and based on his own personal observation. The result was, to use Dr. Halliday's own words, "The Governor-General in Council was pleased to remove me from the situation of Presidency Surgeon" (to which appointment he had in the mean time succeeded), "and resolved not to admit of my being again vested with any medical trust until Government shall be fully satisfied by a report from the Medical Board that I have become sensible of my error, and disposed in consequence to exercise a greater sobriety of judgment in the future performance of my duties—to abstain from rash and crude innovation, and be more attentive to the rule and mode of medical practice which higher qualifications and more extensive experience have established." He

was accordingly removed from his office, and for months afterwards, we learn from a subsequent part of the memoir, he did not receive one rupee of pay, but was left to support himself and his family as best he could. The result of his memorial to the Court of Directors was, that he was reinstated in the service, so at least I learn from Dr. Norman Chevers, through whose kindness I have been able to consult Dr. Halliday's highly interesting memorial.

1822. WHINCROFF, W. A case of Hydrothorax...with observations on Hydrargyri Submurias. London, 8vo, pp. 21.
1823. OCKERSE, C. F. B. De Mercurio dulci ejusque usu in morbis infantium et puerorum. Ultraject. 8vo, pp. 86. *Bibl. Roy.*
1825. ANNESLEY, J. On the action of Calomel. Being a critical analysis of part iii of "Sketches of the most prevalent Diseases of India," &c., with a treatise on Cholera, &c. London, 8vo, pp. 464.

An essentially practical work, illustrating the safety and efficacy of large doses of calomel. In fevers, whether intermittent, remittent, or continued, in dysentery, acute and chronic, and in diseases of the liver, Mr. Annesley records his opinion derived from large experience that calomel in doses of from ten to twenty grains, either alone or variously combined, is an excellent remedy. In these diseases his general practice was to give grs. xx of calomel with or without gr. j—ij of opium, at bedtime, followed by a smart purgative in the morning, and this practice was repeated daily until the excretions assumed a healthy character. A tonic laxative was then resorted to till the functions of the bowels were completely restored. The least degree of soreness of the gums was regarded as interfering with the salutary effects of the calomel, as its use had then to be discontinued, the object throughout being to act upon the secretions of the intestines and to diminish vascular excitement in the intestinal canal, and not in the most remote degree to act upon the salivary glands. The idea that mercury to be useful must affect the gums is deprecated by the author, who considers that this, as well as other untoward effects resulting from the administration of calomel, are due to its being exhibited in small doses frequently repeated, a practice which is here strongly condemned. See further analytical review in *London Med. Phys. Journ.*, lv, 1826, p. 40—53.

1826. MILITZER, J. G. *Vide* "Moschus," 1826.
1824. BOYLE, J. A Treatise on Syphilis, exhibiting the advantages of large doses of Submuriate of Mercury in the cure of that disease. Also an inquiry into the modus operandi of Mercury. London, 8vo, pp. 166. *Bibl. Med.-Chir. Soc.*
1828. FABIVS, C. N. Observationes circa usum Mercurii dulcis Opio juncti in Morbis Pectoris Inflammatoriis. Groningæ, 8vo, pp. 61. *Bibl. Roy.*
1830. EKNEB, C. *De Mercurio dulci novaque eum adhibendi methodo. Berol. 8vo, pp. 33.
1830. REIMERS, A. F. H. *De magno Calomelitis usu in morbis nonnullis infantium. Kiliæ, 8vo, pp. 36.
1832. LEPelletier, A. Sur les Granulations, les Nuages et les Ulcères de la Conjonctive et de la Cornée, et sur les grands avantages de l'emploi du Calomel dans le traitement de ces altérations. Paris, 8vo.

1833. AYRE, J. A report on the method and results of the treatment of Malignant Cholera by small and frequently repeated doses of Calomel, &c.
London, 8vo, pp. 167.

Bibl. Coll. Phys. Edin.

The treatment here set forth met with very general acceptance by the profession, and deserves to be classed amongst the most successful modes.

1835. MINEY, J. *De Calomele. Prague, 4to, pp. 44.
1838. HORNEMAN, C. J. E. *De effectu atque usu majorum dosium Calomellis. Havniæ, 8vo, pp. 58.

1839. HORNEMAN, C. J. E. De rationibus dosium Calomellis imprimis majorum zootchemicis. Havniæ, 8vo, pp. 50.

1846. DANY, —. Recherches sur l'emploi du Calomel à doses fractionnées dans le traitement des Maladies Vénériennes.

Paris, 8vo, 27.

1850. COX, W. J. The Cholera: what has it taught us? Its modes of treatment examined, and the mode by Calomel shown to be the best. With cases. London, 8vo, pp. 26.

The most uncompromising mercurialist who ever existed was perhaps Dr. Stilon, who in a cholera epidemic at Malta in 1837 distributed no less than 87,000 grains amongst 373 patients, being on an average about 230 grains each; one patient took 1160 grains. Under this heroic treatment 52 per cent. of the cases proved fatal, so that its success cannot be said to have been very marked. An English translation of Dr. Stilon's work, 'The Cholera at Malta in 1837,' was published by Dr. S. B. Watson, London, 8vo, 1848.

1850. WITTOCH, M. Die acute Pneumonie, und ihre sichere Heilung mit Quecksilberchlorür (Calomel?) ohne Blutentziehung. Erlangen, 8vo, pp. 100.

1852. ROSS, J. De Calomele in Typho. Lindaviæ, 8vo, pp. 15.

1852. LAUTOUR, —. De la Fièvre Typhoïde observée à Damas, et de son traitement par le Calomel. Paris, 8vo, pp. 16.

1853. HAUFFE, A. O. T. De Calomelanos usu in Typho Abdominali, brevis expositio. Lipsiæ, 8vo, pp. 32.

1857. KRÜGER, G. E. De Calomelane ad Typhum sanandum adhibendo. Berolini, 8vo, pp. 28.

1857. AURNHAMMER, C. *De Calomelane in Typho. Monachii, 8vo, pp. 15.

1862. BROUSSON, E. *Du Chancre phagédénique et de son traitement par le Calomel à doses fractionnées.

Strasbourg, 4to, pp. 26.

1865. PÉCHOLIER, G. Des indications de l'emploi du Calomel dans le traitement de la Dysenterie. Paris, 8vo, pp. 78.

1868. BELHOMME, —. Du traitement du Phagédénisme Chancreux au moyen du Calomel pris à l'intérieur. Paris, 8vo, pp. 16.

1872. PIROCCHI, P., et PORLEZZA, P. L. Contribuzione alla cura della Sifilide colle iniezioni ipodermiche di Calomelano.

Milano, e Roma, 8vo, pp. 64.

1873. PIERANTONI, G. Contribuzione alla cura della Siflide per le inoculazioni ipodermiche di Mercurio Calomelano. Pesaro, 8vo, pp. 32.
1873. BELLINI, R. Contributo alla storia terapeutica del Calomelano. Read before the Royal Medico-Physical Academy of Florence, February 23rd. Firenze?
- The object of this essay is to point out the possible change, either partial or complete, of calomel into corrosive sublimate within the living body of either man or of the inferior animals. The author, who discusses the subject in the only way becoming a philosopher and scholar, traces his subject carefully through the scattered fragmentary notices of his predecessors, adds his own observations and experiments, and so presents the whole matter in an intelligible form within the limits of a brief essay, the materials of which could readily have been expanded into a volume. For an abstract of his observations, and his practically useful directions for the administration of calomel, see *Dublin Journ. Med. Sci.*, October, 1873, p. 300-303.
1874. VALLE, E. Delle iniezioni ipodermiche di Calomelano nelle malattie Sifilitiche. Sassari, 8vo, pp. 70.
1875. HORTELOUP, —. Traitement de la Syphilis par les fumigations de Calomel. Paris, 8vo, pp. 15.

CINNABARES. HYDRARGYRI SULPHURETUM.

Cinnabar.

1679. SCHULER, G. Scrutinium Cinnabarinum, &c. Hals, 8vo, pp. 192.
Bibl. Coll. Phys. Lond.; Med. Soc. Lond.
Contains a description of a compound of cinnabar and dragon's blood to which great medical virtues are ascribed.—Vide *Haller, Bibl. Med. Pract.*, ii, p. 836.
1681. TILINGIUS, M. Cinnabaris mineralis seu Minii naturalis scrutinium. Francof. 8vo. *Bibl. Coll. Phys. Edin.; Med. Soc. Lond.*
1682. HOFFMANN, F. Exercitatio medico-chymica de Cinnabari Antimonii ejusque eximiis viribus, &c. Jensæ, 4to. Lugd. Bat. 1685, 12mo.
Bibl. Med.-Chir. Soc.; Coll. Phys. Lond.
Notwithstanding the title, this work has reference to the cinnabar of mercury.
1684. CLAUDEBUS, G. Inventum Cinnabarinum, i. e. Diss. de Cinnabari nativa Hungarica, in majorem efficaciam fixata et exaltata. Jensæ, 4to, pp. 68. *Bibl. Med.-Chir. Soc.; Banks.*
Proposes a process by which native cinnabar may be rendered fit for medicinal purposes.—Vide *Haller, Bibl. Med. Pract.*, iii, p. 107.
1708. HOFSTETER, J. A. Ob der natürliche Zinnober als eine Arney in dem menschlichen Leib ohne Gefahr gebraucht werden könne. Leipzig, 4to. Latin transl. Hafnia, 1734, 4to.
1709. BING, J. *De Cinabare et Mercurio. Hafnia, 4to.
1743. CARTHEUSER, J. F. *De Cinnabaris inertia medica. Resp. J. C. Lindner. Francof.-ad-Viad. 4to. (in ejus *Diss. Select.* p. i, 27).
Bibl. Banks.

1749. BOECLER, J. De Cinnabari factitiâ vulgari, Cinnabari nativæ et Antimonio non solum æquiparando sed et præferendo. Argentorati, 4to.
1760. OETTINGER, F. C. De Cinnabari exsule reduce in pharmacopolium. Tubingæ, 4to. *Bibl. Radcliffe.*
1762. WALLERIUS, J. G. *De Cinnabaris in corpus humanum effectibus. Resp. N. Skragge. Upsalæ, 4to. (In *Baldinger, Sylloge*, vol. iii, p. 155.) *Bibl. Med.-Chir. Soc. (Baldinger).*
1764. DALBY, J. On the virtues of Cinnabar and Musk against the bite of a Mad Dog. Birmingham, 4to. *Bibl. Med.-Chir. Soc.*
1778. DEMETRIUS, P. De medicis Cinnabaris viribus. Lipsiæ, 4to.
1780. PONYRKA, D. *De anathymiasi (fumigationes) Cinnabaris. Argentorati, 4to. *Bibl. Coll. Surg. Lond.*
- The employment of cinnabar fumigation in the treatment of syphilis is noticed by some of the earliest writers on that disease. Its virtues are lauded in verse by Jerome Fracastorius of Verona in 1555; and Rondeletius in 1583 furnishes directions and formulæ for its application. See *Turner's Summary of Læsius Aphrodisiacus*, pp. 412, 47—8, &c.
1836. VENOT, J. Nouvelle manière d'employer le Cinabre en fumigation. (*Rev. Médicale*, March, 1836, p. 402.)
1867. ABEILLE, J. Traitement du Croup par les inhalations de la vapeur du Sulfure de Mercure. Paris, 8vo, pp. 35.
1868. ABEILLE, J. Suite du travail sur le traitement du Croup par les inhalations des vapeurs humides du Sulfure de Mercure. Paris, 8vo, pp. 23.

HYDRARGYRI CORROSIVUM SUBLIMATUM.

Corrosive Sublimate.

1737. KIRSTEN, J. J. De modo Mercurium Sublimatum purum a depravato discernendi. Altdorfi, 4to.
1738. DEGNER, J. H. De Dysenteria bilioso-contagiosa, &c. Accedit Relatio historica de morte per Mercurium Sublimatum in emplastro applicatum inducta. Traject. ad Rhen. 8vo. *Bibl. Med.-Chir. Soc.*
1757. DELLA BONA, J. Historia aliquot curationum Mercurio Sublimato corrodenti perfectarum. Veronæ, 8vo. Idem, Romæ, 1761, 8vo. *Bibl. Roy. (ed. 1761).*
1757. BROMFIELD, W. Account of the English Nightshades...with practical observations on the use of Corrosive Sublimate and Sarsaparilla, &c. London, 12mo, tab. i. *Bibl. Med.-Chir. Soc.*
1758. STOCKHAUSEN, A. F. *De Mercurii Sublimati Corrosivi usu medico interno. Præs. A. E. Buechner. Halæ, 4to. *Bibl. Coll. Phys. Edin.*

1761. ZANNINI, G. E. Mercurii Sublimati vindiciæ. Epist. ad G. van Swieten. Romæ, 8vo. (in *Baldinger Syllog.*, ii, p. 142.)
Bibl. Med.-Chir. Soc. (Baldinger.)
1762. CALVI, J. Lettera sopra l'uso medico interno del Mercurio Sublimato Corrosivo, &c. Cremonæ, 4to
1762. CREN, F. A. Tract. physico-med. de Americana Lue, ac omnium tutissima curandi methodo Mercurii Sublimati Corrosivi ope. Melitæ, 4to.
1763. LE BÈGUE DE PRESLE, A. G. Mémoire pour servir à l'histoire de l'usage interne du Mercure Sublimé corrosif, principalement dans les Maladies Vénéériennes. Paris, 12mo.
Bibl. Coll. Phys. Edin.; Acad. Edin.
1763. HUDEMANN, G. F. *Diss. observationes quasdam ad Cicutæ, Mercurii Sublimati et Phosphori usum internum pertinentes sistens. Præs. P. J. Hartmann. Helmstadii, 4to.
1764. HAEN, A. DE. Sur l'usage du Sublimé Corrosif, &c.
Vide "Colchicum," 1764.
1764. GATAKER, T. Essays on Medical subjects, to which is now prefixed an introduction relating to the use of Hemlock and Corrosive Sublimate, &c. London, 8vo, pp. 281.
Bibl. Med.-Chir. Soc.
The information regarding the sublimate is short and meagre, occupying only three pages (xli—xlili) of the introduction, amounting only to this, that it may be given internally with safety, and that it is especially serviceable in syphilitic eruptions, as it acts upon the skin more powerfully than any other mercurial preparation.
1764. HIRSCHL, L. E. Betrachtung über den itzigen innerl. Gebrauch des Mercurii sublimati corrosivi und des Schierlings in verschied. Krankheiten. Berlin, 8vo. *Ibid.* 1767.
Bibl. Roy.
1766. HOFFMANN, J. M. Diss. de Mercurii Sublimati virtute in Affectibus Cutaneis. Argentorati, 4to (in *Wittwer Delect.*, ii, pp. 157.)
Bibl. Med.-Chir. Soc. (Wittwer.)
1766. RUMPELT, G. L. Worin bestehet die Wirksamkeit des ätzen- den sublimirten Quecksilbers, &c. Wien, 8vo. *Bibl. Roy.*
1767. CHRISTIANOPULI, G. Descriptio historica morborum gravissimorum nunc Mercurii Sublimati Corrosivi usu interno feliciter sanatorum. Brixizæ, 4to.
1767. CASAMAJOR, A. Quæstio medica... An Lui Venereæ Sublimatum Corrosivum? Resp. L. C. Guilbert. Paris, 4to.
1771. VOGEL, R. A. Observationes practicæ circa Mercurii Sublimati Corrosivi usum in morbis imprimis Syphiliticis. Gottingæ, 4to.
1772. COTTON, J. An Herpeti, licet non venereo, Sublimatum Corrosivum? Paris, 4to.
1774. HORNE, R. D. DE. On the efficacy of Corrosive Sublimate in Syphilis. See "Hydrargyrum," 1774.

1774. MACQUER, P. J., et VICQ-D'AZYR, F. *Quæstio medica an Lui Venereæ Sublimatum Corrosivum? Paris, 4to. (In *Baldinger Sylloge*, vi, p. 81.) *Bibl. Med.-Chir. Soc.* (Baldinger).
1775. MOULIÉ, J. *De usu Sublimati Corrosivi in Læe Venereæ. Monapellii, 4to. *Bibl. Med.-Chir. Soc.*
1777. BICKER, G. *De recto atque tuto Mercurii Sublimati Corrosivi in variis morbis usu. Gottingæ, 4to. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1780. WYKISSELY (vel WYKISSABY), W. De Mercurii Sublimati Corrosivi in Syphilide efficaci tutoque usu. Vienna, 4to, pp. 40. *Bibl. Roy.*
1780. CIRILLO, D. Avviso intorno alla maniera di adoperare l'unguento di Sublimato Corrosivo nella cura delle Malattie Venereæ. Napoli, 8vo. Further observations, 1783.
 Cirillo gave preference to corrosive sublimate over every other form of mercury in the treatment of syphilis. He used it in the form of ointment composed of a drachm of the salt, previously dissolved in an aqueous solution of sal ammoniac and 1 oz. of lard. This was rubbed into the sides of the feet till a cure was effected. He regards this treatment as milder and less uncertain than any other in general use.—*Pearson*, p. 123.
1784. CLAD, F. A. Diss. de proscribendo potius quam præscribendo ulterius Mercurii Sublimati interno ac locali in re medica et chirurgica usu. Argentorati, 4to.
1785. JACOBI, F. Descriptio methodi Mercurium Sublimatum tutius, copiosiusque adhibendi. Monasterii, 8vo. *Bibl. Roy.*
1797. REIFF, —. De usu Mercurii Sublimati corrosivi in pertinacibus ac dubiis symptomatibus malum hypochondriacum subinde comitantibus, &c. Erfordiæ.
1801. RITZEROW, B. M. J. *De usu Mercurii Sublimati Corrosivi in Morbis Venereis interno. Jenæ, 8vo.
1802. ACHARD-LAVOET, J. B. *Considérations médicales sur le Muriate de Mercure sur-oxygéné, ou le Sublimé Corrosif. Paris, 8vo. *Bibl. Coll. Surg. Lond.*
1808. BURKHARDT, M. C. *De usu Hydrargyri Muriatici Corrosivi in tumore pro Arthritico habito. Erlangæ, 4to.
 M. Burkhardt considers corrosive sublimate as almost a specific against the swellings which occur about the joints of rheumatic persons.—*Eberle*, ii, p. 421.
1824. PRUDHON, E. *Du Sublimé Corrosif considéré comme agent chimique toxicologique et thérapeutique. Paris, 4to.
1825. MUELLER, F. C. *De Hydrargyro Muriatico Corrosivo. Halæ, 8vo. *Bibl. Coll. Phys. Edin.*
1826. MEURER, H. F. *De vitandis in præscribendo Mercurio Sublimato Corrosivo vitiis. Lipsiæ, 4to, pp. 31.
1826. SIMON, F. A. Ueber den Sublimat und die Inunctionkur, mit besond. Beziehung auf Dzondi's neue, zuverlässige Heilart der Lustseuche, &c. Ein historisch-kritischer Versuch. Hamburg, 8vo, pp. 233.

1829. RUST, J. C. F. *De Mercurii Sublimati Corrosivi natura et usu. Rostochii, 8vo, pp. 30.
1858. JOSEPH, W. *Hydrargyrum Bichloratum Corrosivum quid in respiratione, cordisque actione efficiat. Gryphix, 8vo, pp. 23.
1869. LEWIN, G. Die Behandlung der Syphilis mit subcutaner Sublimat-Injection. Berlin, 8vo, pp. 264, tab. i. English transl. by Drs. Proegler and Gale, 1872 (loc?).
- Lewin's experience, founded on 700 cases, is strongly in favour of the hypodermic use of mercury in syphilis—rapid in its results as well as safe and effectual, though he does not regard it as applicable to all cases. He employed a solution of corrosive sublimate in distilled water. For his views, together with those of other investigators on this mode of treatment, see *Brit. and For. Med.-Chir. Rev.*, October, 1869, p. 510.
1871. BERNARD, H. A. *Des injections sous-cutanées de Sublimé Corrosif dans le traitement de la Syphilis. Paris, 4to.
1872. STAUB, C. E. *Traitement de la Syphilis par les injections hypodermiques de Sublimé à l'état de solution Chloro-albumineuse. Paris, 4to.
1873. COTTE, L. *Du traitement de la Syphilis par les injections sous-cutanées d'une solution de sel Hydrargyrique. Paris, 4to.
1873. LE MOALIGOU, N. A. M. *Des injections sous-cutanées de Sublimé dans le traitement de la Syphilis. Paris, 4to.
1874. BADIA, S. La curacion de la Syphilis por les inyecciones hypodérmicas de Biclouro Hidrargyrico segun los métodos de los profesores Lewin y Letamendi. Madrid, 8vo, pp. 112.
1874. KLOKOW, E. Beitrag zur Casuistik über die Wirkung der subcutanen Sublimatinjection bei der Syphilis, insonderheit bei Ulcus durum. Königsberg, 8vo, pp. 35.

CORROSIVE SUBLIMATE,

TOXICOLOGY OF.

1777. NAVIER, P. T. Contre-poisons de l'Arsenic, du Sublimé Corrosif, &c. Paris, 2 vols. 12mo. German transl. by C. E. Weigel, Leipzig, 1782, 2 vols. 4to. *Bibl. Acad. Edin.*
1820. BARRÉ, R. J. *Sur l'empoisonnement par le Sublimé Corrosif. Paris, 4to.
1820. TADDEI, G. Sopra un nuovo antidoto (Gluten) del Sublimato Corrosivo e per le altre preparazioni venefiche del mercurio. Firenze, 8vo, pp. 107. French transl. by G. Odier, Paris, 1822, 8vo. *Bibl. Med.-Chir. Soc.*

The experiments of Professor Taddei show that the property of decomposing corrosive sublimate is possessed in an eminent degree by gluten. If the salt in solution is properly mixed with a due proportion of the gluten of wheat, that is about four times its weight, the water will be found no longer to contain any mercury, while the gluten becomes whitish, brittle, hard, and not prone to putrefaction. This change is effected with rapidity. Twelve grains of the sublimate thus decomposed had no effect whatever on a dog. Wheat flour will probably prove an effectual antidote by reason of the gluten it contains.—*Christison on Poisons*, pp. 380, 431.

1824. PRUDHON, E. *Anté* (p. 500), 1824.
1830. MANCEL, N. *De l'empoisonnement par le Deuto-chlorure de Mercure. Paris, 4to.
1842. MIALHE, L. Nouveau antidote du Sublimé Corrosif. (Ex. in *Bulletin de l'Acad. Royale de Méd.*, viii, 1842, p. 10.)
The antidote here proposed by M. Mialhe is the proto-sulphuret of iron prepared by decomposing sulphate of protoxide of iron by hydrosulphate of ammonia. Orfila found it a perfect antidote provided it was administered to animals immediately after the poison, and that the lapse of ten minutes was sufficient to render it useless.—*Criticon*, *op. cit.*, p. 442. This constitutes a great objection to its use.
1844. BOUCHARDAT et SANDRAS, MM. Recherches et expériences sur les contre-poisons du Sublimé Corrosif. (Ex. in *Ann. de Thérap.*, 1844, p. 88.)
The hydrated persulphuret of iron was the antidote advocated by M. Bouchardat, but the same objection applies to it as to the protosulphuret advised by Mialhe (*anté*.)
1845. POMET, —. Sur le Protochlorure d'Étain considéré comme contre-poison du Deutochlorure de Mercure. Paris, 8vo.
1852. SCHUCHARDT, B. On Magnesian Hydrate as an antidote to Corrosive Sublimate. *Vide* "Magnesia," 1852.
Note.—None of the above antidotes are superior to albumen (white of egg), the value of which was first pointed out and demonstrated by the great French toxicologist Orfila, in his standard work on Poisons.

HYDRARGYRI CYANIDUM.

Cyanide of Mercury.

1868. BECK, —. Observations sur l'emploi du Cyanure de Mercure dans le traitement de la Diphthérie. Paris, 8vo, pp. 24.

HYDRARGYRI IODIDUM.

Iodide of Mercury.

1831. O'SHAUGHNESSY (BROOKE), Sir W. B. Essays on Iodine in Scrofulous Diseases, &c., with appendix on the Iodurets of Mercury, Lead, &c. *Vide* "Iodine," 1831.
1850. MIRONE, G. Sul Ioduro Mercurioso. Catania, 8vo.
1856. NESSLER, J. *Ueber das Verhalten des Iodquecksilbers, &c. (Chemical.) Freiburg, 8vo, pp. 33.
1857. HARDY, M. Du traitement de l'Acne par les préparations d'Iodure de Mercure. (Ex *Moniteur des Hôpitaux*, 1857.) Paris, 8vo, pp. 16.
1858. ROCHARD, F. L'Odyssée thérapeutique de l'Iodure de Chlorure Mercureux. Paris, 8vo, pp. 72.
An important paper on the action of the iodide and bromide of mercury by Professor Bellini of Florence, in 'L'Imparziale' March 2nd, 1874. For a summary of the results obtained see *London Med. Record*, March 18th, 1874.

HYDRARGYRI OLEO-STEARAS.

Oleo-Stearate of Mercury.

1858. VÉNOT, J. Emploi thérapeutique de l'Oléo-Stérate de Mercure. Bordeaux, 8vo, pp. 16.

HYDRARGYRI OXIDUM NIGRUM.

Black Oxide of Mercury.

1801. TÖRNQREN, J. A. *Diss. sistens positiones nonnullas circa usum Hydrargyri Oxydulati Nigri in Lue Venerea. Præs. G. E. Haartman. Åbo, 4to, pp. 14.

HYDRARGYRI OXIDUM RUBRUM.

Red Precipitate.

1808. BERG, J. F. De Hydrargyri Oxydati Rubri usu interno tum ad alios morbos tum potissimum ad Morbos Syphiliticos. Francof. ad Viad. 8vo.

Red precipitate as a local application to syphilitic ulcers is a remedy of ancient date. From a passage in the Aphrodisiacus of Luisinus (*vide* "Guaiaicum," 1566), it appears that the priority as to its use as an external application in this class of cases was claimed by John de Vigo and Nicholas Massa, both of whom flourished early in the 16th century. Dr. Turner in his "Summary" of this work (p. 13), observes, "Now, whether Vigo or Massa was the first who prepared this noble chirurgick remedy (is uncertain); if the former, as appears, was the first who published it, whilst the latter made a secret of it, 'tis plain that the praise and commendation must be Vigo's for revealing and making the same publick, and which I must number amongst the most useful legacies which were ever left to the practitioners of that art."

1816. VALLI, —. Sur la découverte de la vertu anti-fermentescible de l'Oxide rouge de Mercure. Paris, 8vo, pp. 24.
1818. JEMINA, J. B. Saggio di osservazioni pratiche sopra l'efficacia antisifilitica dell'imperter rosso di Mercurio. Mondovi, 8vo.
1830. BERG, J. F. *Über die innerl., vorzügl. bei syphilitischen Krankheiten, höchst empfehlenswerthe Anwendung des rothen Quecksilber Oxyd's. Berlin, 8vo, pp. 30.
1831. FEIBER, P. *De Hydrargyri præcipitati rubri efficacia ad Syphilidem tollendam. Halæ, 8vo. *Bibl. Coll. Phys. Edin.*
1833. BEAULIK, J. T. *De Mercurio præcipitato rubro; adnexis binis historiis morborum clinicorum. Pragæ, 8vo, pp. 92.
1835. MUELLEB, M. A. *De Mercurio præcipitato rubro. Monachii, 4to, pp. 52.

HYDRARGYRI PERNITRAS.

Acid Nitrate of Mercury.

1826. GODART, A. *De l'emploi du Nitrate Acide de Mercure. Paris, 4to.
- Recommends its employment as a caustic in lupus and other obstinate forms of ulceration.

1858. CHAMBÉ, C. *De l'empoisonnement par le Nitrate Acide de Mercure. Strasbourg, 4to, pp. 38.

HYDRARGYRI PHOSPHAS.

Phosphate of Mercury.

1793. HEROLD, N. B. *Quædam momenta de usu Mercurii Phosphorati Schœfferi. Jenæ, 4to, pp. 18.
 1794. SCHMIDT, J. F. *Diss. Hydrargyri Phosphorati historiam chemicam et usum medicum sistens. Erfordis, 4to, pp. 23.
 1795. FUCHS, G. F. C. Chemische Bemerkungen ueber das Phosphorsäure Quecksilber, die Boraxsäure, &c. Jenæ et Lipsiæ, 8vo.

HYDRARGYRI PROTO-TARTRAS CUM POTASSA.

1832. CARBONELL, F., et BRAVO, —. Mem. acerca de la preparacion farmiscas y usos medicinales del Prototartrate de Mercurio y Potassa. Madrid, 8vo.

HYDRARGYRI SULPHURETUM NIGRUM.

Æthiops Mineral.

1725. SCHROMMIUS, J. F. *De Æthiops Minerali. Altdorfii. 4to. *Bibl. Coll. Surg. Lond.*
 1744. DELIUS, H. F. *Diss. de Æthiops Minerali cum analectis de salibus. Erlangæ, 4to
 1748. HILSCHEB, S. P. Progr. de Æthiops Minerali. Jenæ, 4to.
 1872. CADET, S. Nouvelles études sur le Choléra asiatique. Le Sulfure noir de Mercure proposé pour préserver l'Italie de ce terrible fléau : traduction du Comte C. des Dorides. Roma, 8vo, pp. 40.

In this pamphlet Dr. Cadet proposes the black sulphide of mercury as a preventive and cure of cholera. He states that under its use at Nepi in 1854 and at Ravenna in 1855, as well as at Rome in the practice of one physician, 100 per cent. of those attacked by cholera recovered. He recommends four grains to be taken once or twice a week, or, still better, a grain daily in a spoonful of wine as a preventive, and twelve to thirty grains as a remedy. See, further, *London Med. Record*, February 19th, 1873, p. 108.

1875. CADET, S. Ragionamento inteso a comprovare la mirabile efficacia terapeutica del Solfuro nero di Mercurio detto comunemente Etiops Minerale in più nature di morbi, particolarmente dei Pestilenziali e più particolarmente dell' Indo Colerico (Estratto). Roma, 4to, pp. 10.
 1875. CADET, S. Proposta intorno alla cura della Lissa detta comunemente Rabbia canina o Idrofobia. Roma, 8vo, pp. 32.
 The object of this pamphlet is to set forth the virtues of the black sulphide of mercury (æthiops mineral) in the treatment of hydrophobia. The author would not omit the usual measures of ligature, suction, and cauterisation, but would supplement them by the internal administration of the mercurial sulphide.—*Dublin Journ. Med. Sci.*, January, 1876, p. 30.

MINOR MERCURIAL PREPARATIONS.

In addition to the foregoing preparations of mercury, others have from time to time been proposed which have enjoyed considerable temporary repute and been made the subject of treatises by their inventors and others, but which nevertheless have fallen into disuse. Amongst the older ones may be named Keyser's "Dragées Anti-vénériennes" (1756), the base of which was acetate of mercury; Planck's "Liquor Mercurialis" (1769), an emulsion of mercury and gum arabic; the "Liqueur de Pressvain" (1767), a solution of the oxide of mercury and acid tartrate of potash; "the Soluble Mercury of Hahnemann" (1792), an ammoniac proto-nitrate of mercury; "Velm's Vegetable Syrup" (1787), &c. It has not appeared advisable to reproduce the bibliographies of these obsolete preparations which are given *in extenso* by Mérat and De Lens.—*Diet. Mat. Med.*, vol. iv.

HYDROCHLORIC ACID.

Muriatic Acid, Spirit of Sea Salt, &c.

1787. **DEMLER, J. F.** *De circulatione Acidi Muriatici usibus quibusdam chirurgicis opportuna, &c. Tubingæ, 4to, pp. 22.
1790. **FORBYCE, W.** A Letter to Sir J. Sinclair concerning the virtues of Muriatic Acid or Spirit of Sea Salt in the cure of putrid diseases. London, 8vo. *Bibl. Manchester Med. Soc.*
1792. **ROWLEY, W.** A treatise on Gout...with the excellent effects of the Muriatic Acid in the relief of that disorder. London, 8vo. *Bibl. Med.-Chir. Soc.*
1801. **GUYTON-MORVEAU.** *Vide* "Disinfectants," 1801.
1807. **KOLB, P. J.** *Ueber die medicamentöse Anwendung der Salzsäure. Landshuti, 8vo, pp. 38.
1812. **FOSSATI, G.** Sulla natura degli Acidi Muriatici. Genova, 8vo. *Bibl. Manchester Med. Soc.*
1815. **COUPER, J.** *De constitutione Acidorum Muriatici et Oxymuriatici. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1824. **ROBINSON, T. W.** *De Acido Muriatico et Chlorino. Edin. 8vo. *Bibl. Manchester Med. Soc.*
1834. **KÖCHLIN, J. R.** Hydrochloric Acid as a Medicine. See "Acids," Part I.
1859. **GERVENT, E. A.** *Du traitement de l'Angine Couenneuse par l'Acide Chlorhydrique. Strasbourg, 4to, pp. 36.
1866. **CAILLEUX, A.** *De la Métrite granuleuse du col utérin et d'un nouveau mode de traitement par l'Acide Chlorhydrique et le Sousnitrate de Bismuth. Paris, 4to.

HYDROCOTARNIN.

1872. **FALCK, F. A.** *Toxikologische Studien über die Hydrocotarnin. Marburg, 4to, pp. 22.

The action of this opium alkaloid, discovered by Otto Hease, is made the subject of investigation by Dr. Falck. Compared with thebia, codeia and morphia, it appears that thebia is a more active poison than codeia, codeia more active than hydrocotarnin, and this again more active than morphia. Falck's researches, so far as they go, have been apparently carefully con-

ducted, but a more thorough inquiry into the physiological history of the drug is desirable.—*Dr. D. Ferrier in London Med. Record*, April 9th, 1873, p. 218, where a short abstract of Falck's observations will be found.

HYDROCOTYLE ASIATICA, Linn.

1853. LÉPINE, J. J. De l'Hydrocotyle Asiatica, *Linn.*
Pondichéry, Imprim. du Gouvernement, 8vo, pp. 86.

In this brochure M. Lépine first brought prominently to notice the use of this plant in the treatment of leprosy; he does not appear, however, to have been the discoverer of its virtues, such as they are; this rightfully belongs to the late Dr. Boileau, of the Mauritius, who was himself a sufferer from leprosy, and used it with great benefit in his own case. See *Bouton's Med. Plants of Mauritius*, p. 74. Further observations on its use were published by M. Lépine in *Moniteur des Établissements Français dans l'Inde*, August 5th and August 26th, 1853, and *Revue Coloniale*, 1854, t. xii, p. 329.

1855. HUNTER, A. Report upon the Hydrocotyle Asiatica. (Ex. in *Madras Med. Reports*, 1855, p. 356-376.)

A very able report on the botanical, chemical, and medical history of hydrocotyle. It embraces an account of Dr. Hunter's trials with it in the Leper Hospital and Native Infirmary at Madras, from which it is evident that though it has no claims to the consideration as a specific in leprosy, yet that as an alterative tonic it often proves most useful in ameliorating the symptoms and improving the general health. It was, however, found peculiarly efficacious in the treatment of syphilitic and scrofulous ulcerations. The report concludes with some interesting tabular statements.

1856. SÉNARD, C. A. V. Note sur l'Hydrocotyle Asiatique: observation d'un cas mortel de lèpre tuberculeuse. (Ex. in *L'Union Médicale*, 1856, p. 173.)

1857. AUDOUIT, E. Études pathogénétiques et thérapeutiques sur l'Hydrocotyle Asiatica. (Ex. *Journ. de la Soc. Gallic. de Méd. Homœopathique*.) Paris, 8vo, pp. 116.

Considering the periodical in which this essay originally appeared and the general tone of the author's writings, the presumption is that it is homœopathic in its character and teaching.

1859. LECOQ, J. Coup d'œil sur la valeur thérapeutique de l'Hydrocotyle Asiatica dans le traitement de la Lèpre et de quelques Affections graves de la Peau. (Ex. in *Bull. Gén. de Thérap.*, 1859, t. lv, p. 529.)

1861. [Anon.] Observations et remarques nouvelles sur l'action thérapeutique de l'Hydrocotyle Asiatica. Paris, 8vo, pp. 24.

ACIDUM HYDROCYANICUM.

Prussic Acid, Hydrocyanic Acid.

1804. GRINDEL, D. H. Versuch über die Natur der Blausäure. Riga, 8vo, pp. 61.

1805. EMMERT, C. F. *Diss. de venenatis Acidi Borussici in animalia effectibus. Tübingen, 8vo.

Contains numerous experiments and original facts.—*Lonsdale*.

1808. COULLON, J. J. A. *Considérations médicales sur l'Acide Prussique déduites d'une suite d'expériences, &c. Paris, 4to.
Coullon was amongst the first in France who observed the effects of hydrocyanic acid on vegetables.—*Lonsdale*.
1810. ITTNER, F. Beiträge zur Geschichte der Blausäure, &c. Freiburg, 8vo.
1813. WEICHT, G. *Essai sur l'Acide Prussique considéré sous le rapport de la chimie et de la thérapeutique. Strasbourg, 4to.
In this essay M. Weicht furnishes an analysis of what had previously been done by others with regard to this agent.—*Lonsdale*.
1815. GUY-LUSSAC, —. Recherches sur l'Acide Prussique. Paris, 8vo.
1815. GAZAN, F. E. *Essai sur les effets que l'Acide Prussique et les substances qui le contiennent exercent sur l'économie animale. Paris, 4to, pp. 32.
1816. CALLIES, —. *Essai sur l'Acide Prussique considéré dans son action délétère sur l'économie animale. Paris, 4to.
1818. MANZONI, F. A. De præcipuis Acidi Prussici et aquæ cohobatæ Lauro-cerasi, medicis facultatibus et clinicis observationibus comprobatis, specimen. Patavii, 8vo. *Bibl. Edin. Med. Soc.*
1818. SEIDEL, J. J. *Acidi Hydrocyanici ejusque indolis venenatæ specimen historicum. Vratislaviæ, 4to.
1819. COULLON, J. J. A. Recherches et Considérations médicales sur l'Acide Hydro-cyanique, son radical, ses composés et ses antidotes, &c. Paris, 8vo, pp. 283.
1819. MAGENDIE, F. Recherches physiologiques et cliniques sur l'emploi de l'Acide Prussique ou Hydrocyanique dans le traitement des Maladies de Poitrine et particulièrement dans celui de la Phthisis pulmonaire, &c. Paris, 8vo, pp. 80. Dutch transl. by H. J. Schouten, Amst. 1820, 8vo. *Bibl. Med.-Chir. Soc.*
This memoir relates chiefly to the employment of prussic acid in pulmonary complaints, and some cases are detailed illustrative of its beneficial effects in spasmodic and distressing coughs. The author likewise mentions two cases of phthisis apparently arrested by this remedy, but the true nature of these cases was very doubtful.—*Quart. Journ. Foreign Med.*, ii, 1819-20, p. 188.
1819. GRANVILLE, A. B. Observations on the internal use of Hydrocyanic Acid in Pulmonary Complaints, chronic catarrhs, spasmodic coughs, asthma, hooping cough, and some other diseases. Second ed., 1820. German transl. by L. Cerutti, Leipzig, 1820. London, 8vo, pp. 82. *Bibl. Med.-Chir. Soc.*
Contains a highly coloured picture of the virtues of hydrocyanic acid, which is recommended indiscriminately in a large number of cases of the most opposite nature and character. No less than 100 pages are devoted to phthisis, which the author seems to think curable even in the advanced stages by the use of hydrocyanic acid! The language employed is so highly figurative as to be wholly inapplicable to the purposes of a scientific paper. See *Lonsdale infra*, and *Edinb. Med. Surg. Journ.*, July, 1824, p. 204.
1820. LIGNAC, —. *Sur l'usage de l'Acide Prussique ou Hydrocyanique. Paris, 4to.

1820. ELLIOTSON, J. Cases illustrative of the efficacy of Hydrocyanic or Prussic Acid in Affections of the Stomach, with a report on its powers in pectoral and other diseases, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*
 An accumulation of very valuable facts with reference to the action of this remedy in various forms of dyspepsia drawn from personal observation. Dr. Elliotson has the merit of having ascertained and defined by a chain of judicious experiments the more important medicinal qualities of prussic acid.—*Med.-Chir. Rev.*, March, 1821, p. 655-664.
1820. ROCH, E. Ueber die Anwendung der Blausäure als Heilmittel in verschiedenen Krankheiten besonders in der Lungenschwindsucht, krampfhaften Engbrüstigkeit und in dem Keichhusten. Leipzig, 8vo, pp. xxxii, 128. *Bibl. Manchester Med. Soc.*
1821. ELWERT, W. Die Blausäure, das wirksamste Heilmittel in Lungenbeschwerden und einigen nervösen Krankheiten, &c. Hildesheim, 8vo, pp. 126.
1822. HUFELAND, C. W. Vorschlag, statt der Blausäure das destillirte Wasser der bittern Mandeln zum med. Gebrauch anzuwenden, nebst Berichten über Versuche über Oleum essent. Laurocerasi. Berlin, 8vo.
1822. DITTMER, L. F. *De vera Acidi Hydrocyanici in organismum efficaciam. Berol. 8vo, pp. 49. *Bibl. Coll. Phys. Edin.*
1823. BECKER, C. J. T. *De Acidi Hydrocyanici vi pernicioosa in plantas. Jenæ, 4to, pp. 23.
1823. MEUNIER, A. *Doit-on employer l'Acide Hydrocyanique dans quelques affections de poitrine? Paris, 4to.
1823. SCHOLZ, F. *De Acidi Hydrocyanici natura et usu. Berol. 8vo, pp. 44.
1823. HELLER, H. L. Sur l'emploi de l'Acide Hydrocyanique, particulièrement dans les Maladies Nerveuses. Paris, 8vo, pp. 52.
1823. PIERQUIN, C. C. Consultation médico-légale sur deux empoisonnements par l'Acide Prussique. Marseille, 8vo.
1824. HELLER, H. L. De la nécessité de ne point trop insister sur l'usage des excitans dans l'empoisonnement par l'Acide Hydrocyanique. Paris, 8vo.
1824. LASSAIGNE, J. L. Recherches chimiques sur les moyens de reconnaître la présence de l'Oxide Hydrocyanique chez les animaux empoisonnés par cette substance. Paris, 8vo, pp. 20.
1825. KALLMANN, H. F. A. *De Acidi Borussici usu in Spasmis ex perversa systematis sexualis functione ortis. Berol. 8vo, pp. 42.
1825. GUÉBIN, H. Des Irritations Encéphaliques et Rachidiennes ... et de l'emploi dans ces maladies de l'Acide Hydrocyanique, &c. Paris, 8vo, pp. 65.
1825. WARD, H. Observations on Tetanus, illustrated by cases in which a new and successful mode of treatment has been adopted. Gloucester, 4to, pp. 22.
 Hydrocyanic acid in large and repeated doses is the new and successful

mode of treatment advocated by this author, but as he administered stimulants liberally at the same time it is difficult to determine how far the acid produced any of the beneficial effects attributed to it, *e.g.* in one case, in addition to fifty-two drops of hydrocyanic acid taken during one night, the patient drank four bottles of port and a pint and a half of brandy!—*Edin. Med. Surg. Journal*, xxv, April, 1826, p. 258.

1825. LODIN, C. G. *De Acido Hydrocyanico. Præs. C. Thunberg. Upsalæ, 4to.
1827. BAERENS, B. F. De virtutibus Acidi Hydrocyanici, &c. Riga, 4to.
1827. GOEPPERT, H. B. De Acidi Hydrocyanici vi in plantas commentatio. Vratislaviæ, 8vo. *Bibl. Linn. Soc.*
1827. LIEBINGER, S. *De Acidi Hydrocyanici usu interno. Berol. 8vo, pp. 40.
1827. WINDEMUTH, A. *Diss. chemico-medica de Acido Hydrocyanico. Marburgi, 8vo, pp. 64.
1829. ANDRIESSEN, H. *De veneficii Acido Hydrocyanico inducti signis et remediis. Berol. 8vo, pp. 33.
1835. ROHLAND, R. J. Diss. medica de Acidi Hydrocyanici natura et vi. Dorpati, 8vo.
1838. LONSDALE, H. *An Experimental Inquiry into the physiological action of the Hydrocyanic Acid, with an examination of its therapeutical properties; and observations on the mode of treatment in cases of poisoning with this substance. Edin. 8vo.
- The substance, if not the letter, of this thesis is reproduced in a paper by the author in the fifty-first volume of the *Edinburgh Med. Surg. Journal*, p. 39—69. It is a comprehensive and instructive memoir, containing in addition to a large mass of facts derived from trustworthy sources (English and foreign), some carefully conducted original experiments on animals tending to throw light on the operation of hydrocyanic acid as a medicine and as a poison.
1838. ROE, G. HAMILTON. Treatise on Hooping Cough. London, 8vo. *Bibl. Med.-Chir. Soc.*
- The author informs us that his principal motive in undertaking this work is to put in a just light the merits of hydrocyanic acid as a remedy in hooping cough, especially in its simple uncomplicated forms. Several cases are adduced illustrative of the efficacy and safety of the treatment.
1840. BECQUEREL, A. Les effets physiologiques et thérapeutiques de l'Acide Hydrocyanique. (Ex. in *Gazette Médicale de Paris*, 1840, pp. 1, 17, 39.)
1843. BONJEAU, J. Faits chimiques, toxicologiques, et considérations médicales relatives à l'empoisonnement par l'Acide Prussique. Lyon, 8vo.
1843. TURNBULL, A. Treatment of Diseases of the Eye by means of Prussic Acid Vapour and other medicinal agents. London, 8vo, pp. 89. *Bibl. Manchester Med.-Soc.*
- A strong condemnatory review in *Brit. and For. Med. Rev.*, April 1, 1843.
1844. CREAZZO, G. *Diss. d Acido Hydrocyanico. Patavii, 8vo, pp. 24.

1845. FRATTINI, R. *De Acido Hydrocyanico officinali. Patavii, 8vo, pp. 24.
1847. NURKLEY, T. Experimental Inquiry into the effects of Hydrocyanic Acid produced upon animal life. (Ex. in *Trans. Provincial Med. Surg. Assoc.*, new ser., vol. iii, 1847, and in *Edin. Med. Surg. Journ.*, vol. lxxiii, January, 1850, p. 132-160.)
A very interesting memoir, containing much original matter.
1857. HENEY, O., et HUMBERT, E. Recherches chimiques et médico-légales sur l'Acide Cyanhydrique et ses composés employés dans les arts, &c. Paris, 8vo, pp. 40.
1859. KIEDROWSKI, T. E. VON. Diss. de quibusdam experimentis quibus quantam vim habeat Acidum Hydrocyanicum in nervorum systema cerebro-spinalis, atque in musculos systematis vertebralis prebatur. Vratislaviæ, 8vo, pp. 26.
1865. RALPH, T. S. Observations and experiments with the Microscope on the effects of Prussic Acid on the animal economy. Melbourne, 8vo. *Bibl. Med.-Chir. Soc.*
1868. LECORCHÉ et MEURIOT, MM. Étude physiologique et thérapeutique sur l'Acide Cyanhydrique. Paris, 8vo, pp. 24.
1868. SCHMID, G. Das Cholera Gift eine Cyanverbindung: bald Blausäure, meist Cyanammonium. Mit Bezugnahme auf Disinfection und Therapie. Leipzig, 8vo.
1868. PICARD, H. De l'Acide Cyanhydrique. Paris, 4to.
1868. PREYER, W. Die Blausäure physiologisch untersucht. 1 Thl. Bonn, 8vo, pp. 107. 2 Thl. Bonn, 1870, 8vo, pp. 175. (An abridged English translation is given in *Glasgow Med. Journ.*, 1868, vol. i, n. s., p. 70-81, and February, 1870, p. 229-239.)
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.
- M. Preyer had, previous to issuing this important treatise, published two very valuable papers—one on the effects of hydrocyanic acid and cyanide of potassium on the colouring matter of the blood, and another on the poisonous action of these drugs—which are appended to the present treatise. In the second of these papers (published originally in *Virchow's Archiv*) he brought forward a large mass of evidence to show that prussic acid poisons by removing oxygen from the blood, and, further, that artificial respiration immediately applied, is the best remedy for prussic acid poisoning. In the present treatise the subject is worked out in much greater extent and completeness. It contains a bibliography arranged in chronological order. See, further, *Practitioner*, August, 1868, p. 105. An experimental criticism on this work by Drs. Boehm and Knie is published in *Archiv f. Experimentelle Pathol. und Pharmacol.*, April 17th, 1874. A translation of this, described as "a paper of great practical interest and importance," is given in *Practitioner*, September, 1874, p. 168 et seq.
1873. PETIT, A. Conservation et dosage de l'Acide Cyanhydrique, Chlorhydrate de Narcéine, &c. Paris, 8vo, pp. 24.
1874. HORN, F. H. Die Cholera ist eine Blausäure-Vergiftung, &c. München, 8vo.

HYOSCYAMUS NIGER, Linn., et HYOSCYAMINE.

Henbane.

1715. SLEVOGT, J. H. *Invitatio ad diss. de Hyoscyamo, cum pro-
lusione de virtute Hyoscyami cathartica.* Jenæ, 4to.
Bibl. Linn. Soc.
Exemplo alvi a semine et ab oleo hyoscyami motæ.—*Haller, Bibl. Bot.*, ii,
p. 29.
1715. WEDEL, G. W. **De Hyoscyamo.* Resp. W. Ekhard.
Jenæ, 4to, pp. 68. *Bibl. Banks; Linn. Soc.*
De vario usu, etiam interno, seminis totiusve plantæ. Spiritum foliorum
acidum esse absque vi narcotica.—*Haller, Bibl. Bot.*, i, p. 559.
1745. ROSEN, N. *Prog. de symptomatibus ex usu Hyoscyami in
puero visis.* Upsalæ, 4to.
1762. STÖRCK, BARON A. *Libellus quo demonstratur Stramonium,
Hyoscyamum et Aconitum tuto posse exhiberi usu interno, &c.*
Vide "Aconitum Napellus," 1762. Vindobonæ, 8vo.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.
Extracti stramonii granum tolerari potest: eo delirium, maniam, epilep-
siam superavit. Hyoscyami extractum ad novem in diem grana dedit, ac in
similibus morbis, etiam in hæmorrhagia, reperit proficere.—*Haller, Bibl.*
Bot., ii, p. 492.
1777. SPALOWSKY, J. *De Cicuto...Hyoscyamo, &c.* Vindob. 8vo.
Vide "Conium," 1777. *Bibl. Med.-Chir. Soc.*
A brief description of the henbane plant, its properties and uses, occupy-
ing less than three pages (p. 33-35). As an anodyne it is recommended in
irritable states of the system, coughs, convulsions, palpitations, hysteria, &c.
1780. RAZOUX, J. *Diss. de Cicuta, Stramonio, Hyoscyamo, et
Aconito.* Nîmes, 8vo, pp. 46.
- 1786 (?) BARTON, B. S. (*of Philadelphia*). *Dissertation on the
nature and properties of Hyoscyamus niger, Linn.* Loc. ?
Obtained the Edinburgh Harveian Society medal for the year 1787. "It
affords indisputable evidence of the judgment, industry, and ingenuity of
its author."—*Duncan's Med. Commentaries*, xii, 1787, p. 400. Notwith-
standing this notice in Duncan's 'Commentaries,' I can find no mention of
this dissertation elsewhere.
1795. DAVIDSON, W. *Vide "Rosa," 1795.*
1797. STOKAR DE NEUFORN, G. H. **De Hyoscyami nigri virtu-
tibus medicis.* Præsid. C. F. Harless? Erlangæ, 8vo, pp. 72.
Bibl. Roy.
1803. HIMLEY, C. *De la paralysie de l'Iris par une application
locale de la Jusquiame; traduit par E. H. Elhers.* 2me. éd.
Altona, 12mo. *Bibl. Med.-Chir. Soc.*
1818. SCHUEPBACH, F. A. D. **Von dem therapeutischen Gebrauche
des Bilsenkrautes.* Würzburg, 8vo, pp. 60.
1818. KUBÁNYI, A. **De Hyoscyamo nigro.* Pestini, 8vo, pp. 25.
1819. RUNGE, F. F. *Vide "Atropa Belladonna."*

1821. EENE, J. C. *De Hyoscyamo nigro. Præs. F. G. Gmelin. Tübingen, 8vo, pp. 36.
1822. RE, F. COUNT. Lettera sue semi del Giusquiamo. (Ex. in *Repert. Med.-Chir. di Torino*, No. xxii.) Torino, 8vo, pp. 6.
1826. HUEBNER, G. F. *Diss. de Hyoscyamo nigro. Berol. 8vo, pp. 31. *Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.*
1826. BELL, B. On the use of Camphor and Hyoscyamus in Gonorrhœa, &c. See "Camphor." Edinburgh, 8vo.
1833. MORRIES, J. D. Observations on the chemical and physiological properties of the Empyreumatic Oils of Foxglove, Henbane, and Tobacco. (Ex. in *Edin. Med. Surg. Journ.*, xxxix, 1833, p. 377-384.
1859. GALLAVARDIN, —. Du Strabisme chronique. Strabisme de l'œil ayant duré huit ans (1841-50) guéri par la Jusquiame. Paris, 8vo, pp. 24.
1868. CLUB, E. M. De l'Hyoscyamine. Corbeil, 8vo, pp. 35.
1869. FRONMULLER, D. Observations on Hyoscyamus. *Vide* "Narcotics," 1869.
1869. HARLEY, J. The old Vegetable Neurotics, Hemlock, Opium, Belladonna, and Henbane, their physiological action and therapeutical use, alone and in combination. London, 8vo, pp. 355.
Dr. Harley's observations on henbane and its alkaloid hyoscyamia, like those on the other old vegetable neurotics, have an important bearing on practical therapeutics. The remarks, especially with regard to its combination with opium, are practically important and deserve careful study. See also "Neurotics," 1869.
1870. LAURENT, C. *De l'Hyoscyamine et de la Daturine. Étude physiologique. Applications thérapeutiques. Paris, 4to. *Bibl. Med.-Chir. Soc.*
1872. CAMPBELL, J. A. On the relative efficacy of Tincture of Hyoscyamus, Bromide of Potassium, and Chloral, in single doses, in Maniacal Excitement. (Reprint from *Journ. of Mental Science*, 1872.)
A series of experiments conducted in an exact and scientific manner in order to ascertain the comparative value of chloral, hyoscyamus and bromide of potassium on the excitement or insomnia of mania.—*Edin. Med. Journ.*, August, 1872, p. 173.
1873. OULMONT, —. De l'Hyoscyamine, et de son action dans les Névroses Spasmodiques et Convulsives (tremblement mercuriel, tétanos, &c.). Paris, 8vo, pp. 20.
For an abstract of Dr. Oulmont's observations see *Brit. and For. Med.-Chir. Rev.*, October, 1873, p. 495-6, and *Practitioner*, January, 1873, p. 1-10. In the latter is an abridged translation of Dr. Oulmont's paper as it appeared originally in *Bull. de Thérapeutique*, December, 1872.
1873. HELLMANN, M. Beiträge zur Kenntniss der physiologischen Wirkungen des Hyoscyamins, und der Spaltungsproducte des Hyoscyamins und des Atropins. Jena, 8vo, pp. 40.

1873. PILLOT, C. E. *De l'Hyoscyamine et de son emploi contre divers Tremblements. Paris, 4to.
1875. OULMONT, —. Du traitement de la Chorée par l'Hyoscyamine. Paris, 8vo, pp. 15.
1875. SIMONWITSCH, R. Über Hyoscyamin in der Augenheilkunde. Bern, 8vo.

HYPERICUM PERFORATUM, Linn.

St. John's Wort. (Fuga Dæmonum, Antiq.)

1714. EYSEL, J. P. *De Fuga Dæmonum. Resp. S. Lange. Erfordisæ, 4to, pp. 24. *Bibl. Banks.*
1716. WEDEL, G. W. *De Hyperico, alias Fuga Dæmonum. Resp. F. Houck. Jenæ, 4to, pp. 51. *Bibl. Banks.*
Species hyperici. Vis adversus dæmones; et olei efficacia in morbis renum calculosis.—*Haller, Bibl. Bot.*, i, p. 560.
1776. HELLENIUS, C. N. *Hypericum: dissertatio botanico-medica. Præs. C. Linnæus. Upsalæ, 4to, pp. 14, tab. i. Ibid. in *Amœn. Acad.*, viii, p. 318. *Bibl. Banks.*
An enumeration of the then known species of Hypericum, followed by an account of the medical properties and uses of *H. perforatum*. It is specially noticed in its characters of resolvent, vulnerary, antihæctic, and anthelmintic.
1781. (Anon [BIRKHOLOZ, A. M.]). Das Johanniskraut, chemisch-medicinisch abgehandelt von Antropo-Mago-Botanophilo. Leipzig, 8vo, pp. 76.

HYRACEUM.

1851. FIKENTSCHER, L. *Das Hyraceum in historischer, chemischer, pharmaceutischer und therapeutischer Beziehung. Erlangen, 8vo.

The name Hyraceum was applied in 1847 by Dr. E. Martiny to an excrementitious product of *Hyrax Capensis* or Cape badger, proposed as a substitute for castoreum, being, it was alleged, equally efficacious as an antispasmodic and far less costly. Experience has not confirmed the favourable description of it as given by Fikentscher in the above essay. See *Persira, Mat. Med.*, vol. ii, part ii, p. 827 *et seq.*, which contains an exhaustive account of this article.

HYSSOPUS OFFICINALIS, Linn.

Hyssop.

1692. WEDEL, G. W. *Programma de Hyssopo. Jenæ, 4to. *Bibl. Roy.*

ICTHYOCOLLA. ISINGLASS. Vide "GELATINE."

ILEX AQUIFOLIUM, Linn.

The Holly.

1789. BANDELOW, A. D. Foliorum Ilicis Aquifolii analysis et virtutes medicæ. Halæ, 8vo, pp. 30. *Bibl. Roy.*
1831. ROUSSEAU, L. F. E. De l'efficacité des feuilles du Houx

(*Ilex aquifolium*) et de l'Ilicine dans le traitement des Fièvres Intermittentes. Paris, 8vo, pp. 115, tab. i. (Ex. in *Mém. de l'Acad. Royale de Méd.*, iii, p. 334.) *Bibl. Coll. Surg. Lond.*

An abridged English translation by G. Clendinning of this interesting essay is published in the *Trans. of the Med.-Bot. Soc. of London*, 1832-3, p. 1-16. To it was awarded by that society the silver medal of the session 1832. After passing in review the botanical, physical and chemical history of the holly, the author supplies an analysis of seventy-eight cases of intermittent fever in which it was employed, and the general conclusion arrived at is—"that the powder of holly leaves is, in the cure of disease, a valuable medicine, and that nature seems to have designed it especially for that unhappy class of patients which fortune often permits not to consult a physician and still more frequently prevents from purchasing the medicines he prescribes."

1833. CHOMEL, A. F. Observations relatives à l'emploi de la poudre des feuilles de Houx dans le traitement de Fièvres Intermittentes. (Ex. in *Mém. de l'Acad. Royale de Méd.*, iii, p. 334.)

ILICIMUM ANISATUM, Linn.

Star Anise.

1763. GMELIN, S. T. De analepticis quibusdam nobilioribus a Cinnamonomo, Aniso stello, &c. Tubingæ, 8vo. *Bibl. Med. Soc. Lond.*
1777. JEANNET des LONGROIS, J. B. C. An nebuloso tempore seminis Badiani usus? Affirm. Præs. A. Casamajor. Paris, 4to.
1837. HOFFMANN, J. Die Angaben chinesischer und japanischer Naturgeschichten von dem *Illicium Religiosum* und dem davon verschiedenen Stern-anis des Handels. Leiden, 8vo, pp. 16.
1837. SIEBOLD, P. F. VON. Erwiederung auf W. H. de Vriese's Abhandlung: Mit Bezug auf die von J. Hoffmann, mitgetheilten Angaben, &c. (*antè*). Leiden, 8vo, pp. 19.

INDIGO.

As a Medicine.

1834. ROTH, F. K. De Indico, medicamine. Berlin, 8vo, pp. 32.
- For an interesting account of Dr. Roth's observations on the use of indigo in the treatment of epilepsy and other spasmodic affections see *Brit. and For. Med. Review*, July, 1836, p. 244. Its use seemed to be limited to idiopathic cases of recent origin, and then only if given in large and continued doses, of an ounce or more daily. The experiments were made with the Guatemala indigo of commerce, the produce of *Indigofera disperma* or *I. argentea* of Linnaeus.
1836. DERCKS, T. De pigmento Indico, ejusque effectibus in organismo. Dorpati, 8vo, pp. 47.
1837. SAINT-HILAIRE, A. DE. Histoire de l'Indigo, depuis l'origine des temps historiques jusqu'à l'année 1833. (Ex. in *Annal. des Sci. Nat.*, t. vii, p. 110.) Orléans, 8vo, pp. 13.

Historical rather than medical.

INÉE.

1873. POLIALLON et CARVILLE, MM. Étude physiologique sur les effets toxiques de l'Inée, poison des Pahouins (Gabon). Paris, 8vo, pp. 64.

INULA HELENIUM, Linn.

Elecampane.

1719. WEDEL, J. A. *Diss. de Helenio. Resp. J. F. Beckium. Jenæ, 4to, pp. 16. *Bibl. Banks.*
1787. WOLF, J. G. De viribus Inulæ Helenii in Scabiæ peruananda. Lipsiæ, 4to.
1870. DRAGENDORFF, G. Materialien zu einer Monographie des Inulins. St. Petersburg, 8vo, pp. 141.

IODIUM et POTASSII IODIDUM.

Iodine and Iodide of Potassium.

1815. GAULTIER DE CLAUERY, H. F. Recherches sur l'existence de l'Iode dans l'eau de la mer, &c. Paris, 4to.
1820. COINDET, C. W. Découverte d'un nouveau remède (Iode) contre le Goitre. (*Soc. Helvét. des Sci. Nat. de Genève, Séance July 25, 1820.*) Genève, 8vo.

This and two other memoirs on the same subject by this author published in *Bibl. Univ. de Genève*, vol. xvi, are reprinted in *Bayle's Bibl. Thérap.*, i, p. 1 et seq. To Coindet is due the credit of introducing the medicinal use of iodine to the notice of the profession. See next article.

1821. COINDET, C. W. Observations on the remarkable effects of Iodine in Bronchocèle and Scrophula. Being a translation from the French of three Memoirs of Dr. Coindet, by Dr. J. B. Johnson.

"Dr. Coindet's short treatise, as translated by Dr. Johnson, of Bristol, consists of three memoirs, in which the history of the introduction of iodine, its several pharmaceutical preparations, its effects in the cura of goitre, and its influence on the economy in general, are clearly and correctly related. It is the most original and perhaps the fairest and most perspicuous statement of the virtues of the remedy."—*Edin. Med. Surg. Journ.*, xxii, July, 1824, p. 212.

1822. BRERA, V. L. Saggio Clinico sull' Iodio e sulle differenti sue combinazioni farmaceutiche, giusta i risultamenti che se ne sono ottenuti nell' Istituto Clinico-Medico dell' Università di Padova. Padova, 8vo, pp. 106. *Bibl. Coll. Phys. Edin.*

The work of Prof. Brera is part of the report of his practice in the Clinical Institute of Padua for 1820-21. The author not only gives an account of the different cases in which iodine was tried but has added a good history of its nature and properties, its various preparations, and formulæ for its administration. It is at once a comprehensive, elaborate and scientific account of iodine.—*Edinburgh Med. Surg. Journ.*, xxii, July, 1824, p. 212. See also an abstract of its contents in *Med.-Chir. Rev.*, March, 1823, p. 76a et seq.

1823. STARCK, J. B. *De Iodio. Lugd. Bat. 8vo, pp. 64. *Bibl. Roy.*

1823. FRAHAN, P. *De Iodii natura et usu medico.*
Dorpat. Livon. 8vo, pp. 41.
1823. FUNK, G. R. **De Iodino.* Lipsiæ, 8vo, pp. 40.
1824. MOLITOR, V. J. *Abhandlung über das Jodin, &c.*
Cöln, 12mo, pp. 82.
1824. GAIRDNER, W. *Essay on the effects of Iodine on the human constitution, with practical observations on its use in the cure of Bronchocele, Scrofula and tuberculous diseases of the chest and abdomen.* London, 8vo, pp. 64. *Bibl. Med.-Chir. Soc.*
- Gairdner conceives that, while the virtues of iodine have been panegyricized by all, its evils have been studiously concealed, and under this impression he has undertaken the task of delineating the horrors of *iodization*, and of execrating with becoming severity the rashness and ignorance of those men who will administer a powerful and dangerous remedy without watching its effects. To this there can be no rational objection, but when Dr. Gairdner monopolises, as he appears to do, the prescription of iodine we should fear that many would be disposed to regard the publication of this small treatise as little else than a civil hint to the public that as iodine must be given to cure some diseases it is unsafe to trust its administration to the common mass of physicians, and that no other but Dr. Gairdner is qualified to superintend its action on the living body. Perhaps we must admit that it contains one or two little things which some people would do well to know about the administration of iodine.—*Edinburgh Med. Surg. Journ.*, xxii, July 1824, p. 212.
1824. BÉNABEU, M. G. *Sur l'emploi thérapeutique de l'Iode dans plusieurs maladies.* Paris, 8vo.
1825. DÉVERGIE, A. *Mémoire sur l'empoisonnement par l'Hydroiodate Potasse, &c.* Paris, 8vo, pp. 25.
1825. MANSON, A. *Medical researches on the effects of Iodine in bronchocele, paralysis, chorea, scrofula, fistula lachrymalis, deafness, dysphagia, white swelling and distortions of the spine.* London, 8vo, pp. 450. *Bibl. Med.-Chir. Soc.*
- This volume contains a considerable number of clinical observations on the use of iodine in the above-named diseases, detailed with great minuteness, in simple and perspicuous language.—*Edin. Med. Surg. Journal*, xxiv, Oct., 1825, p. 397-406, and *Med.-Chir. Rev.*, Jan., 1826, p. 1-19.
1825. BUISSON, E. **Sur l'Iode et sur son usage en médecine, &c.* Paris, 4to.
1825. BELLIOU, J. A. **Sur les avantages de l'Iode dans le traitement de la Dartre Furfuracée.* Paris, 4to.
1825. RIGBY, E. **De Iodino.* Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1826. KÜNZLI, A. G. **Ueber die Iodine.* Winterthur, 8vo, pp. 62.
1827. MENON, J. J. C. **Sur l'Iode et son emploi en médecine.* Paris, 4to.
1827. FORTMAYER, J. **Diss. chem. med. de Iodio.* Budeæ, 8vo, pp. 58.
1827. DOUGLAS, R. **De Iodino.* Edin. 8vo. *Bibl. Coll. Phys. Edin.*

1827. GRAHAM, W. B. C. *De usu medico Iodini. Edin. 8vo.
Bibl. Coll. Phys. Edin.
1828. BAYLE, A. L. J. Sur l'Iode et ses préparations. (In *Bibliothèque de Thérap.*, vol. i, art. i, p. 1-197.) *Bibl. Coll. Surg. Lond.*
An able résumé of all that has been written on iodine up to date.
1828. PONSELET, A. *De Iodio. Gand, 4to, pp. 29.
1829. BROCK, G. *Diss. de Iodino. Edin. 8vo.
1829. MURRAY, J. On the influence of Heat and Humidity, with practical observations on the inhalation of Iodine, &c., in Consumption, &c. London, 8vo, pp. 305.
1830. BARDSLEY, J. L. Hospital Facts and Observations... on Iodine, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*
1830. HOBSON, S. J. An Essay on the history, preparation and therapeutic uses of Iodine. Philadelphia, 8vo.
Bibl. Coll. Surg. Lond.
- 1829-31. LUGOL, J. G. A. Mémoires: 1er. Sur l'emploi de l'Iode dans les Maladies Scrofulieuses (Paris 1829); 2me. Sur l'emploi des bains Iodurés (1830); 3me. Sur l'emploi de l'Iode dans les maladies scrofulieuses (1831). Paris, 8vo. German transl. Leipzig, 1836, 8vo. *Bibl. Coll. Surg. Lond.*
1831. LUGOL, J. G. A. Essays on the effects of Iodine in Scrofulous Diseases, including an inquiry into the mode of preparing Ioduretted Baths. Translated from the French by Sir W. Brooke O'Shaughnessy. With an appendix by the translator containing a Summary of cases treated with Iodine, either simple or combined with opium, mercury or lead, and directions for preparing the Iodurets of these metals, and for detecting the adulterations of Iodine and the Hydriodate of Potash. London, 8vo, pp. 218. *Bibl. Med.-Chir. Soc.*
This important work is divided into three parts—1. On the treatment of scrofulous diseases by iodine.—2. An inquiry into the effects and mode of employment of ioduretted baths, minute directions being given for their preparation, &c.—3. A continuation of Part I, on the use of iodine in scrofulous diseases, illustrated by cases of scrofulous tumours and tubercles, abscesses, fistulous openings, ulcers, and cicatrices, skin diseases, glandular swellings, scrofulous ophthalmia, white swelling and other scrofulous affections of the joints and bones, &c., all more or less benefited by iodine. The value of the original work is greatly enhanced by the information introduced into the appendix by the translator.
"A most valuable monograph, being entirely practical and founded on accurate as well as authentic clinical observations and experiments. The translation is singularly faithful."—*Med.-Chir. Rev.*, Oct., 1832, p. 109-130.
1832. MÜLLER, J. F. *Über die arzeneiliche Wirkung und Anwendung der Iodine. Würzburg, 8vo, pp. 56.
1832. ALDIS, C. J. B. An inquiry into the medical properties of Iodine, more particularly in Dropsy, &c. Partly translated from the Latin of T. L. C. Schroeder van der Kolk. London, 8vo, pp. 32. *Bibl. Coll. Phys. Edin.*

1832. KURTZ, P. T. E. Ueber die Anwendung der Iodine in den skrophulösen Krankheiten, &c. Berlin, 8vo.
1832. ANDERSON, H. S. *De Iodino. Edin. 8vo.
Bibl. Manchester Med. Soc.
1833. SALOMON, H. *De Iodini usu externo. Berol. 8vo, pp. 42.
1833. HILBECK, F. A. De Iodio. Berol. 8vo.
Bibl. Coll. Surg. Lond.; Coll. Phys. Edin.
1833. ULDALL, F. A. *De effectibus Iodii in organismum humanum usque ejus medico. Havniæ, 8vo, pp. 78.
A tolerably full exposition of the properties and virtues of iodine, drawn from all sources; it is without any claims to originality, the author seldom, if ever, referring to his own experience either to confirm or correct the statement of others.—*American Journ. Med. Sci.*, xvi, 1835, p. 173.
1834. SCUDAMORE, Sir C. Cases illustrating the remedial power of the inhalation of Iodine and Conium in Tubercular Phthisis and various disordered states of the lungs and air-passages. Second ed. London, 8vo, pp. 227.
Bibl. Med.-Chir. Soc.
This, although professing to be a second edition of the treatise published by the same author in 1830 (see "Inhalation," Part i), is in reality a distinct work, containing a series of eleven new cases, in addition to the fifteen given in the earlier volume. They all tend, however, to the same conclusion—that many morbid states of the lungs and air-passages may be cured or at least alleviated by medicated inhalations. His cases of tubercular phthisis "cured" by this means should be received with reserve.—*Edin. Med. Surg. Journal*, xli, p. 460-464.
1835. SARPATI, S. E. Commentatio de Iodio. Lugd. Bat. 8vo.
A prize essay, regarding which Pereira (*Mat. Med.*, vol. 1, p. 396), states that it contains the most extensive list of natural bodies containing iodine, of any work with which he is acquainted.
1837. ZAHOROWSKI, D. *De Iodio, ejusque præparatis, vi, et administratione variis in morbis. Vilmæ, 8vo, pp. 93.
1837. COGSWELL, C. An Experimental Essay on the relative physiological and medicinal properties of Iodine and its compounds; being the Harveian Prize Dissertation for 1837. Edin. 8vo, pp. 179.
Bibl. Coll. Phys. Edin.
This is a work of considerable labour and research, and well merits the honour of being crowned with the Harveian prize. It comprehends an excellent digest of the physiological and therapeutic effects of iodine and its compounds, derived from the most authentic sources.—*Brit. and For. Med. Rev.*, January, 1838, p. 162.
1838. CABISSOL, L. J. D. Sur l'emploi de l'Iode dans le traitement de l'Hygroma ou hydropisie des bourses muqueuses articulaires. (Ex. in *Bull. de Thérap.*, 1838, t. xiv, p. 94.)
1838. INGLIS, J. On English Bronchocele, with a few remarks on the use of Iodine and its compounds. London, 8vo, pp. 95.
A valuable summary of facts and opinions.—*Dublin Journ. Med. Sci.*, vol. xiv, 1839, p. 144.

1839. SHOENJANN, G. D. *Diss. de Iodi vi medicâ. Dorpati, 8vo.
1839. DAVIES, J. Practical remarks on the use of Iodine locally applied in various surgical diseases and external injuries.
London, 8vo, pp. 62.
- The utility of iodine as an external remedy is prefaced by some judicious remarks on its therapeutic properties and on the best mode of applying it in the following morbid states—erysipelas, phlegmon or abscess, sloughing, acute inflammation of the joints, inflammation of the breast, gout, enlargement of the joints, carbuncles, lupus or noli me tangere, malignant ulcers of the tongue and tonsils, scrofulous glandular enlargements, whitlow, chilblains; lacerated, contused, and punctured wounds; burns and scalds, and ulcers. The statements respecting the remedy are put forth in a plain, lucid, and straightforward manner, without any desire to exaggerate its effects.—*Brit. and For. Med.-Chir. Rev.*, October, 1839, p. 512.
- 1840? HOCKEN, E. On Iodine in Syphilis. *Vide* "Hydrargyrum," 1840.
1842. WRIGHT, T. B. *On Iodine. Edin. and Dublin, 8vo.
1843. WYDRA, W. *Diss. sistens virtutem Iodii antisiphiliticam; adnexis historiis clinicis. Pragæ, 8vo, pp. 81.
1844. CASATI, C. *De noxiis Iodureti Potassii effectibus. Paviæ, 8vo, pp. 28.
1845. LIPPE, S. *Iodum ejusque præparata. Pestini, 8vo.
Bibl. Coll. Surg. Lond.
1845. HASSING, M. De Syphilide Kali Hydriodico tractata. Havniæ, 8vo, pp. 92.
- After an historical account of the iodide of potassium Dr. Hassing gives a long statement of the authors of each country in succession and of the various circumstances in which they found the remedy useful, and he then examines the value of the medicine statistically, basing his observations upon 250 cases observed in the medical section at Copenhagen in 1838—9. The author is evidently a careful inquirer, and has recorded his observations with much modesty and judgment.—*Brit. and For. Med.-Chir. Rev.*, Oct., 1845, p. 482.
1845. GAUTHIER, L. P. A. Observations sur le traitement des Maladies Syphilitiques par l'Iodide de Potassium. Paris et Lyon, 8vo, pp. 100.
- This work is far less valuable and philosophical than Dr. Hassing's (*antè*), although it contains a great number of very interesting cases illustrating the efficacy of the iodide treatment of syphilis.—*Brit. and For. Med.-Chir. Rev.*, October, 1845, p. 485.
1845. CLARKE, Sir A. On the exhibition of Iodine in Tubercular Consumption and other diseases of the chest, and in the treatment of scrofulous, cancerous, and cutaneous diseases, &c. Tenth ed. Dublin, 8vo, pp. 180. *Bibl. Coll. Surg. Lond.*
- A superficial work, designed more for the public than the profession.
1845. MOJ'SISOVIC, G. Darstellung einer sichern und schnellen Heilmethode der Syphilis durch Iodpräparate. Wien, 8vo.
- Contains a full description of the various preparations of iodine as well as the writer's views respecting the nature and pathology of syphilis....The chapter entitled "Pharmacology of the Preparations of Iodine" contains a

description of thirteen varieties, viz. pure iodine, the tincture, amyllum iodatum, the iodides of barium, lead, sodium and potassium, the iodide and biniodide of mercury, the ioduretted syrup of iron, iod-ammonium and the various mineral waters of which this body is an ingredient. Vide *Brit. and For. Med. Rev.*, April, 1845, p. 516, for good analysis of this work.

1847. MARMY, M. J. Études cliniques sur l'emploi combiné de la ponction et des Injections Iodées dans le traitement des Adénites Inguinales suppurées de nature syphilitique.
Strasbourg, 8vo, pp. 32.
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1848. BOUHACOURT, A. Mémoire sur le traitement du Goître cystique par les injections Iodées. Batignolles, 8vo.
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Dr. Izard appears to be an intelligent and candid observer; he claims no more for his favourite remedy than he seems able to justify by his clinical records, and by wisely not attempting to prove too much predisposes his

readers to accept his conclusions, which, indeed, appear to be perfectly well founded.—*Amer. Journ. Med. Sci.*, January, 1873, p. 227.

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Paris, 12mo.

The remedy here treated of is ipecacuanha: although its antidysenteric virtues had previously been made known in 1649 by the writings of Piso and Maregraf, it was left to Helvetius, about forty years subsequently, to bring the remedy into public notice in France. This he did in a truly empirical style, keeping his remedy a secret, placarding its virtues on the street walls, &c. So great was his success, the Dauphin of France having been cured by its means, that the French king purchased from Helvetius his secret for 1000 louis-d'or and made it public. See further *Flückiger and Hanbury, Pharmacographia*, p. 332.

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Historia medicamenti a mercatore Grenier ad Helvetium adlati, qui Pisonis auctoritatem secutus, ea radice adversus dysenteriam usus est, quæ nunc fere ad vomitum excitandum, classicam auctoritatem est consecuta.—*Haller, Bibl. Bot.*, i, p. 650.

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Ipecacoanham specimen esse Dentariae bacciferæ, sapore convenire, ad grana xii datam alvum ducere. In dysenteria ubique utiliter datam esse.—*Haller, Bibl. Bot.*, i, p. 559.

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- Practica disp. Ipecacuanhæ vim ad dysenteriam ex fructibus, musto recente, et alimentis natam restringit.—*Haller, Bibl. Bot.*, ii, p. 155.
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1754. GIANELLA, C. De admirabili Ipecacuanhæ virtute in curandis Febris tum autumnalibus, tum lentis, tum aliis sive continuis sive intermittentibus. (In *Haller, Disp. Med. Pract.*, v, p. 91.) Patavii, 4to, pp. 13. *Bibl. Med.-Chir. Soc. (Haller).*
- Radicem in aqua macerat, et multis ex ordine diebus matutinis horis propinat, sic febres longas tollit.—*Haller, op. cit.*, p. 440.
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1774. WICKMAN, D. *De Viola Ipecacuanha. Præs. C. Linnæus. (Idem. in *Amæn. Acad.*, viii, p. 237.) Upsaliæ, 4to, pp. 12.
Bibl. Banks; Med. Soc. Lond.
- Mainly occupied with a discussion on the botanical origin of ipecacuanha. Amongst its medicinal applications is noticed its use "ad purificandas primas vias" in intermittent fevers previous to the exhibition of cinchona, its efficacy in menorrhagia (in doses of gr. $\frac{1}{2}$ to $\frac{1}{4}$ every three or four hours), in the diarrhœa of phthisis, in convulsive coughs, &c., "atque in asthmate præstantissimum est remedium."
1774. MATHEY, A. *De usu Ipecacuanhæ in Dysenteria. Loc.? 4to.
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1779. MEYER, C. A. *De eximio Ipecacuanhæ usu. Gottingæ, 4to.
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1795. MOELLER, J. C. *Specimen medicum de Ipecacuanha. Erfordiæ, 4to, pp. 12.
1801. GOMES, B. A. Memoria sobre Ipecacuanha fusca do Brasil, ou cipó das nossas boticas. Lisboa, 4to.
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ipecacuanha in the debility of the stomach and indigestion of old age. The author deduces clear and decisive proofs of the efficacy of the proposed remedy.—*London Med. Phys. Journ.*, xviii, 1806, p. 18.

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1823. KLINSMANN, E. F. De Emetino et Cephaeli Ipecacuanha, Psychotria emetica et Richardsonia Brasiliensi.
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1852. PÉCHOLIER, G. Recherches expérimentales sur l'action physiologique de l'Ipécauanha.
Paris, 8vo, pp. 53.

The experiments of M. Pécholier to determine the action of ipecacuanha and emetine on the system are interesting and valuable; they appear to have been conducted with great care. For an account of these and the results obtained, see *Brit. and For. Med.-Chir. Rev.*, October, 1863, p. 436—440.

1866. DÉCUGIS, V. *Considérations sur l'emploi de l'Ipécauanha en médecine.
Montpellier, 4to, pp. 46.

1869. IMBERT-GOUBEYRE, A. Mémoire sur les Ipécauanha.
Paris, 8vo, pp. 111.

1869. LEFORT, J. Mémoire sur les Ipécacuanhas et sur l'Éméline.
Paris, 8vo, pp. 13.
1869. DUCKWORTH, DYCE. *Observations upon the action of Ipecacuanha and its alkaloid Emetia. (Report from *St. Bartholomew's Hosp. Reports*, vol. v.)
London, 8vo.
An interesting paper, in which the author shows amongst other things that emetia hypodermically injected acts successfully as an emetic.
1870. AMOURETTI, E. H. *Histoire médicale de l'Ipécacuanha.
Montpellier, 4to, pp. 49.
1871. LIÉGARD, A. *Étude sur l'Ipécacuanha.
Montpellier, 4to, pp. 48.
1872. DETRAY, A. E. *De l'Ipéca, et de son emploi dans la Dyssenterie.
Paris, 4to.
1874. ORNELLAS, A. E. D'. De l'action physiologique de l'Éméline : contribution à l'étude thérapeutique de l'Ipécacuanha.
Paris, 8vo. *Bibl. Med.-Chir. Soc.*
1874. POLICHRONIE, C. A. *Étude expérimentale sur l'action thérapeutique et physiologique de l'Ipécacuanha et de son alcaloïde.
Paris, 4to. *Ibid.* 8vo, pp. 100.
Contains a series of very interesting researches for the purpose of discovering the mode of action of ipecacuanha and of emetia; they serve to confirm the results arrived at by M. Chouppe. For a summary of his observations see *London Med. Record*, January 27th, 1875, p. 59.
1875. CHOUPE, H. Recherches thérapeutiques et physiologiques sur l'Ipéca.
Paris, 8vo, pp. 44.
1875. WOODHULL, A. A. Clinical Studies with large non-emetic doses of Ipecacuanha.
Atlanta, U.S., 8vo, pp. 63.
1875. WOODHULL, A. A. Clinical Studies with non-nauseating use of Ipecacuanha, chiefly in Intermittent Fever.
Atlanta, U.S., 8vo, pp. 23.
In the former of these pamphlets the author relates twenty-four cases of dysentery and in the latter twenty-three cases of intermittent fever beneficially treated by ipecacuanha in large non-emetic doses. The substance of both these pamphlets with much additional matter has been published by the author in a separate form, 'Studies chiefly Clinical, in the non-emetic use of Ipecacuanha,' Philadelphia, 1876, 8vo, pp. 155. This work is a valuable contribution to our therapeutic knowledge of ipecacuanha.

IRIS. (Species of.)

1710. HEERING, A. *Diss. de Iride. Præs. J. J. Baier.
Altdorf, 4to, pp. 20. *Bibl. Banks.*
1782. THUNBERG, C. P. *Iris. Resp. J. Ekman. Upsalæ, 4to,
pp. 36, tab. 2. *Bibl. Banks.*
1793. SCHULZE, J. H. De vera indole et egregia virtute radicis Iridis Florentinæ.
Halsæ, 4to.
Purely pharmacological, judging from a short abstract of the work given by Haller, *Bibl. Botan.*, ii, p. 144.

JABORANDI. Vide "PILOCARPUS PINNATUS."

JALAPÆ RADIX.

Jalap.

1569. DONATI, M. De radice purgante quam Mechioacam (i. e. Jalapa) vocant. Mantuæ, 4to, pp. 24.
 Much confusion existed, even to a late period, between mechoacan root and jalap. The former is now known to consist (at least in part) of the large thick tuber of *Ipomœa Jalapa*, *Pursh.*, a plant of the southern United States and Mexico. As a drug it has been long obsolete in Europe, having given place to jalap (the root of *Exogonium Purga*, *Bentham*), which is a more active and efficient purgative. (*Flückiger and Hanbury, Pharmacographia*, p. 398.) For a list of works on Mechoacan root, see that article.
1628. PUTRO, Z. Historia de Gumma Indica, &c....An Micciocan et Xalapa sint harum regionum Brionis, &c. Venetiis, 4to.
Bibl. Med.-Chir. Soc.
1658. FAULIS, J. De viribus Xalapæ quod non sit venenosa, neque hepatis, cordi, ventriculo inimica, neque nimis laxativa. Panorm. 8vo.
1678. SCHMID, J. U. *De Gialapa. Præs. G. W. Wedel. Jenæ, 4to, pp. 40. Ibid. 1715. Jenæ, 4to, pp. 40.
Bibl. Med.-Chir. Soc.; Radcliffe.
1678. SLEVOGT, J. H. *De Jalapa. s. l. 4to.
1691. ANDRADO, J. H. Apologia pharmaceutica pela verdadeira trituração da Jalapa, e dos aromaticos discutientes, &c. Parte i, Lisboa, 4to. Parte ii, 1692.
1700. PAULLINUS, C. F. De Jalapa liber singularis...varisque observationibus memorabilibus conspersus. Francof. ad Mœn. 8vo, pp. 417.
Bibl. Banks; Med. Soc. Lond.
1750. BÜCHNER, A. E. De damnis ex abusu Jalapæ. Resp. Adamus Cœi. Halæ, 4to.
1761. SCHALLER, J. P. B. *Jalappa. (In *Wittwer, Delect.* ii, p. 1.) Argentorati, 4to, pp. 27.
Bibl. Banks; Med.-Chir. Soc. (Wittwer), Coll. Surg. Lond.
 Brief notice of contents, a comparison between the powers of two kinds of jalap, see in *Haller, Bibl. Bot.*, ii, p. 510.
1771. ULBICH, —. Diss. de hypercatharsi ex resina Jalappæ feliciter curata. Argentorati, 4to.
1805. DESFONTAINES, R. L. Mémoire sur le Jalap. Ex. in *Ann. du Muséum*, 1805.
1817. CADET DE GASSICOURT, C. L. *Dissertation sur le Jalap. Paris, 4to, pp. 84.
1830. LOISELEUR-DESLONGCHAMPS, J. L. A. Histoire Médicale des Succédanés du Jalap, &c. Vide "Ipecacuanha." Paris, 8vo.
Bibl. Coll. Surg. Lond.
1834. PELLETAN, G. Note sur deux espèces de Jalap du commerce. (Ex. *Journ. de Chimie Médicale*, 1834.) Paris, 8vo, pp. 25, tab. 2.

1860. BASTGEN, C. A. De bilis ad Jalapæ et Scammonii resinas vi et effectu. Dorpati, 8vo, pp. 32.

JUGLANS REGIA, Linn.

The Walnut.

1743. BÜCHNER, A. E. De nuce Juglandæ ejusque usû medico. Erfordis, 4to, pp. 38.
1751. FISCHER, J. G. On the anthelmintic property of the expressed juice, &c. *Vide* "Anthelmintica," 1751.
1795. FREDERICH, J. F. Decoctum Pollini, et purificans virtus nucis Juglandis contra Luem Veneream et plures graviore morbos. Lipsiæ, 8vo, tab. i. German transl. Vienna, 1784, Leipzig, 1810.
1803. GRAEF, J. F. *De cortice nucis Juglandis regiæ. Erlangæ, 8vo, pp. 31.
1841. NEGRIER, G. Sur le traitement des Scrofules par les feuilles de Juglans regia. Paris, 8vo. German transl. by M. J. Kreutzwald, Bonn, 1843, 8vo. Idem by K. J. A. Venus, Eupel, 1843 and 1845, 12mo.

The use of walnut leaves in the form of infusion or extract in the treatment of scrofulous affections was introduced by M. Negrier, who expresses a high opinion of its value. It was found to act most slowly in scrofulous swellings of the glands, but very rapidly on diseased bones or ulcerated surfaces, or in strumous ophthalmia in which a decoction of the leaves employed as a collyrium proved extremely valuable. See *Brit. and For. Med. Rev.*, October, 1841, p. 539, and October, 1845, p. 564.

1842. KREUTZWALD, M. J. De utilitate foliorum Juglandis regiæ ad sanandam Scrophulosin. Bonnæ, 8vo, pp. 22.
1843. MUELLER, K. M. De Juglandis regiæ viribus. Lipsiæ, 8vo, pp. 31.
1845. KOOPMANN, G. N. *Diss medico-chirurgica de virtute medica foliorum Juglandis regiæ in Scrophulosi. Traject. ad Rhen. 8vo.
1857. SALMON, A., et MAUNOUËY, —. Mémoire sur l'inoculation de la Pustule maligne... à propos de son traitement par les feuilles fraîches de Noyer. Paris, 8vo, pp. 50.
1858. NÉGRIBR, C. Du traitement des affections Scrofuleuses par les préparations de Noyer. Paris, 8vo, pp. 126.

JUNIPERUS COMMUNIS, Linn.

Juniper.

1601. BABST VON ROCHLITZ, M. Juniperetum oder Wachholdergarten. Eiselben, 4to. Alt. ed. 1605, 1675.
1612. CLAUDINUS, J. C. De Ingressu ad Infirmos. Cap. iii: De natura et usu lignorum Guaicini... Juniperini, &c. Bononiæ, 4to.
1650. BECKER, D. Kleine Hausapotheke oder Beschreibung von Hollunder und Wachholder. Königsberg, 8vo. Idem, Leipzig, 1685.

1679. SCHARFFIUS, B. *Ἀρκευθολογία* sive Juniperi descriptio curiosa, &c. Francofurti et Lipsiæ, 8vo, pp. 380, tab. 5.
Bibl. Med.-Chir. Soc.; Acad. Edin.
Formulæ plurimæ; descriptio juniperi nulla.—*Haller, Bibl. Bot.*, i, p. 600.
1708. BANG, A. O. De Junipero. Hafniæ, 4to.
1712. CAMERARIUS, R. J. *De Cervariâ nigrâ et Junipero. Resp. G. A. Camerarius. Tübingæ, 4to.
1718. WILHELM, J. G. *Diss. tradens Juniperum. Argentorati, 4to, pp. 43.
Bibl. Banks.
Varia medicamenta, quæ ex junipero parantur, et usus medicos fusè enumerat.—*Haller, Bibl. Bot.*, ii, p. 120.
1719. KLEIN, J. C. *De Junipero. Præs. J. J. Baier. Altdorfi, 4to, pp. 24.
Bibl. Banks; Acad. Edin.
1727. LUNDMANN, P. *De Junipero, &c. Harderovici, 4to, pp. 16.
1736. BRUCH, F. D. *Diss. sistens observationes quasdam practicas de radici fruticis Juniperi decocto. Argentorati, 4to, pp. 20.
Ad fœtida ulcera, gonorrhœam malignam, dolores ischiadicos, malignum de utero liquamen, ozœnam etiam exemplis adductis.—*Haller, Bibl. Bot.*, ii, p. 292.
1770. KALM, P. Diss. on the properties and uses of Juniper. (In Swedish.) Stockholm, 4to, pp. 16.
Bibl. Banks.
1777. DAIGNAN, —. Sur les effets salutaires de l'eau de Genièvre dans les pays froids, bas et marécageux. St. Omer, 8vo.
1831. WACHTER, F. Heilsamer Gebrauch des Wachholderöls bei Behandlung der Cholera-Kranken, &c. Tirnau, 8vo.
1844. SEMON, J. *De olei Juniperi ætherei vi, experimentis adjectis. Berolini, 8vo, pp. 24.
1856. STEER, F. Analyse der Früchte von Juniperus communis. Wien, 8vo, pp. 8.
1864. DURAND, A. Du Genévrier, ses caractères botaniques, sa composition chimique, son action physiologique: application de l'éthérolé de genièvre au traitement de la gravelle, des calculs vésicaux et biliaires, de la goutte, des rhumatismes et des névralgies. Gray? 8vo, pp. 32.

JUNIPERUS SABINA, Linn.

Savina.

1707. WRDEL, G. W. *Diss. de Sabina. Resp. J. F. Krausold. Jenæ, 4to, pp. 36.
Bibl. Banks; Linn. Soc.
1803. RICHTER, A. G. De Junipero Sabina, ejusque virtute salutari. Wittenbergæ, 4to, pp. 23.
1816. ELIAS, K. P. F. *Analecta ad Sabinæ historiam medico-physicam. Marburgi, 8vo, pp. 28.
1816. ZINKHAN, M. *De Menstruatione, et usu Sabinæ in Hæmorrhagiis Uteri venosis. Marburgi, 8vo, pp. 36.
1818. PÉROT, —. Considérations générales sur les Emmenagogues, et en particulier sur la Sabine, &c. Strasbourg, 4to.

1819. MATTHEI, C. H. *De tincturæ Sabinæ in morbis quibusdam genitalium virilium efficacia observata quædam.
Marburgi, 4to, pp. 14.
1826. VOIGT, F. E. *De Junipero Sabina. Berolini, 8vo, pp. 46.

KALMIA LATIFOLIA, Linn.

Mountain Laurel.

1802. THOMAS, G. G. *Diss. on the Kalmia latifolia and angustifolia. Philadelphia, 8vo.

These American shrubs are said to possess decidedly narcotic properties. The author relates an obstinate case of diarrhœa cured by a decoction of the leaves of *K. latifolia*, but in small doses even it was found to produce vertigo and other unpleasant symptoms. See also *Bigelow's American Med. Bot.*, i, p. 133 *et seq.*

KAMALA.

Bottlera tinctoria, Roxb.

1875. LEMAITRE, M. *Du Kamala (*Rottlera tinctoria*). Action ténifuge du Kamala. Paris, 4to.

This ténifuge was introduced to the profession in 1853 by Dr. C. Mackinnon (*Indian Ann. of Med. Sci.*, 1853, vol. i, p. 286), and its value has been established by the researches of Dr. T. Anderson (*Ibid.*, 1856, vol. iii, p. 82), Dr. C. A. Gordon (*Medical Times and Gaz.*, November, 1856, p. 538, and May, 1857, p. 429), Dr. Peacock (*ibid.*, November 6th, 1858), Dr. Ramakill (*Lancet*, 1858, vol. i, p. 476), Dr. Leared (*ibid.*, p. 541) and others. Dr. Anderson (*op. cit.*) enters fully into the history of the drug generally. For much interesting matter on this drug see an excellent paper by the late Daniel Hanbury in *Pharm. Journ.*, xvii, 1858, p. 405.

KINO.

Inspissated Juice of *Pterocarpus Marsupium*, DC.

1757. FOTHERGILL, J. Letter concerning an astringent Gum brought from Africa. (Ex. in *Med. Observations and Enquiries*, i, 1757, p. 358.)
Fothergill's new gum he describes under the name of "Gummi rubrum astringens Gambiense," and it retained this name till 1774, when it was introduced into the *Edinburgh Pharmacopœia* as Gummi Kino, a name derived probably from Kano, the Mandingo name of the tree yielding it.
1794. SCHENCK, C. A. Diss. sistens gummi Kino usum ejusque virtutes. Marburgi, 8vo. *Bibl. Roy.*
1847. GUIBOURT, N. Mémoire sur les astringents connus sous les noms de Cachou, Gambir, et Kino. Paris, 8vo, pp. 67.

KOU MIS or KOU MYSS.

A vinous liquor obtained by fermentation of mare's milk.

1856. SPENGLER, H. L. Über die Kumiss-kur. Wetzlar, 8vo, pp. 16.
1869. STAHLBERG, E. Der Kumys, seine physiologischen und therapeutischen Wirkungen. St. Petersburg, 8vo, pp. 70.

1872. BRZEZIN'SKI, J. Der Kumys und dessen Anwendung in der Therapie. Berlin, 8vo, pp. 55.
1873. JOBA, C. Notice sur le Koumys, ou Vin de Lait. Origine historique, préparation, composition, propriétés thérapeutiques, différentes espèces, usage, mode d'emploi. Paris, 8vo, pp. 15.
1874. LANDOWSKI, —. Du Koumys et de son rôle thérapeutique. Paris, 8vo, pp. 48.
1874. BIEL, J. Untersuchungen über den Kumys und den Stoffwechsel während der Kumyskur. Wien, 8vo, pp. 51, tab. lith. 2 in 4to.
1874. DURAND, E. *Sur l'emploi du Koumys dans les Affections Pulmonaires. Paris, 4to.
1874. SABOWSKI-MAKAROW, P. *Du Koumys et de son rôle thérapeutique. Paris, 4to.
1875. BERTET, —. Un mot sur le Koumys et ses applications à la maladie de la Consomption. Bordeaux, 8vo, pp. 16.
1875. LUBANSKI, —. De l'emploi du Koumys dans le traitement des Maladies de Poitrine et des affections consomptives en général. Paris, 12mo, pp. 30.

KHAYA (SWIETENIA) SENEGALENSIS, Juss.

Caïcédra.

1854. BUISSON, G. E. A. Extrait du rapport médical de M. Buisson, chirurgien major, de l'Orénoque (station du Sénégal), sur l'emploi du Caïcédra comme fébrifuge. (Ex. in *Revue Colon.*, 1854, t. xiii, p. 239, et *Novv. Annal. de la Marine et des Colon.*, 1854, t. xii, p. 203).
1856. DUVAU, N. M. *De l'écorce de Caïcédra (Khaya Senegalensis), et de l'emploi de ses préparations comme succédané du quinquina. Paris, 4to.
1856. BULLAND, H. *Du Caïcédra. Observations sur l'emploi des préparations de son écorce dans le traitement des Fièvres paludéennes. Montpellier, 4to, pp. 30.
1858. SÉNARD, C. A. V. Rapport à M. le ministre de la Marine sur l'écorce de Caïcédra du Sénégal, et sur la possibilité de son emploi comme fébrifuge dans l'art de guérir, par M. Caventou. (Ex. in *Revue Colon.*, 1858, t. xix, p. 264-271.)

KRAMERIA, vel RHATANIE RADIX.

Rhatany Root.

1799. RUIZ, H. Disertacion sobre la raiz de la Ratánhia especifico singular contra los fluxos de sangre, &c. Madrid, 4to, pp. 47.
1807. PAGEZ, —. Mémoire sur les vertus de la plante connue au Pérou et en Espagne sous le nom de Ratanhia (Krameria trian-

- dria, Linn.) (Ex. in *Sédillot, Journ. Gén. de Méd.*, xxx, September, 1807, p. 3-33.)
1808. REECE, R. *Practical Observations on the Radix Rhatanisæ or Rhatany, a production of Peru.* London, 12mo, pp. 50.
Bibl. Manchester Med. Soc.
- From this short history the inference follows that rhatany possesses great powers as a tonic and stomachic, and evidence is adduced to show that it is superior in efficacy to the preparations of cinchona, and never fails of curing all sorts of disorders!—*Edin. Med. Surg. Journal*, iv, 1808, p. 504. From subsequent remarks in the same journal (vol. vii, p. 213), it appears that the author belonged to a confraternity of quacks, and that this pamphlet is little else than an advertising puff. The same character pervades more or less all the productions of this author.
1817. HURTADO DE MENDOZA, DON M. *Die Ratanhiawurzel, und ihre vortrefflichen Wirkungen, gegen passive Blutflüsse.* Mainz, 8vo, pp. 45. *Vide Klein, infra.* *Bibl. Roy.*
1817. DELURELLE, —. *Observations sur la Ratanhia.* Paris, 8vo, pp. 24.
1818. SALLWÜRK, F. K. *Die Ratanhiawurzel und ihre Extract.* Eine tabellar medic. Darstellung. Stuttgart, folio.
1819. KLEIN, C. C. VON. *Abhandlungen und Versuche über die Ratanhia, &c.* Stuttgart, 8vo, pp. 170, tab. i.
- A compilation containing abstracts of the writings of Ruiz, Reece, Hurtado, and others on this drug.
1820. FALCO, F. C. E. **De Ratanhia.* Wirceburgi, 8vo, pp. 52.
1821. MAILLY, —. **Emploi du Ratanhia dans l'Hémoptyisie.* Paris, 4to.
1822. HARTMANN, C. J. *De Krameria.* Diss. botanico-medica sistens historiam botanicam generis, nec non notiones auctorum circa Ratanhiam radicem chemicas et medicas. Præs. C. P. Thunberg. Upsaliæ, 4to, pp. 19.
- A tolerably full essay. Section i, occupying eight pages, botanical; section ii, medical history, in which the analysis, medical properties, and uses of rhatany are discussed. This is followed by an enumeration of the several diseases, especially intermittent fevers, passive hæmorrhages, leucorrhœa, chronic diarrhœa, and dysentery, in which it has been recommended by various writers.
1822. ECKARD, E. L. **De radice Ratanhiæ.* Berolini, 8vo, pp. 28.
1828. BUNSEN, R. **De Ratanhiæ radice ejusque usu medico.* Gottingæ, 8vo, pp. 30.
1868. COTTON, J. G. S. **Étude comparée sur le genre Krameria et les racines qu'il fournit à la médecine.* Paris, 4to, pp. 183, t. 4.
- Some of the observations of M. Cotton are quoted in Flückiger and Hanbury's *Pharmacographia*, p. 75, *seq.*, where will be found an excellent account of this article. The "Origin of Savanilla Rhatany" is made the subject of an interesting paper by the late Daniel Hanbury in *Pharm. Journ.*, vi, 1865, p. 460.

LAC.

Coccus Lacca, Kerr.

1770. COOKE (or COOK), J. The natural history of Lac, Amber, and Myrrh, with a plain account of the very many excellent virtues these three medicinal substances are naturally possessed of. London, 8vo. *Bibl. Med.-Chir. Soc.*

LAC et SERUM LACTIS.

Milk and Whey.

1528. PANTALEON (vel PANTHALEON), —. Pilularium, et Summa Lacticiniorum completa. Lugduni, 18mo. *Bibl. Med.-Chir. Soc. ; Coll. Surg. Lond.*
1536. ACORAMBONUS, H. Tractatus de natura et usu Lactis. Venetiis, 8vo. Access. ad finem De Medicamentis, Sexti Placiti. Nurembergæ, 1538, 4to. *Bibl. Coll. Phys. Lond. (sub. nom. Placitus).*
Appears to enter largely into the medicinal uses of milk. "In gravidis femineis venam secare jubet, ad cavendos abortus. Phthisin lacte sanavit. Dari, ubi in febre putrida aqua lactis tuto exhiberi possit, tum in declinationibus longarum febrium, &c.—Vide *Haller, Bibl. Med. Pract.*, ii, p. 13.
1541. GESNER, C. Libellus de Lacte et operibus lactariis. Tiguri, 12mo. *Bibl. Med.-Chir. Soc. ; Coll. Phys. Lond. ; Roy.* (ed. Leipzig, 1777, 8vo ?)
Philologica et medica. Utilitates medicas lactis, casei et butyri tradit.—*Haller, Bibl. Med. Pract.*, ii, p. 53.
1586. VISCHER, J. *De Lactis ejusque partium natura et viribus. Resp. J. H. Beyer. Tubingæ, 4to.
1593. KOBER, T. De Lacte et pultibus, quibus infantes passim sustentantur. Gorlicii, 8vo.
1595. COSTÆUS, J. De facili medicina per Sero et Lactis usum libri tres. Bononiæ, 4to. Papiæ, 1604, 4to. *Bibl. Roy.*
Loci Hippocratici et Galenici collecti, in quibus sero lactis usus ad morbos aliquos commendatur.—*Haller, op. cit.*, p. 213.
1603. BARICELLI, J. C. De Lactis, Sero et Butyri facultatibus et usu. Neapoli, 4to. Ibid. 1623. *Bibl. Med. Soc. Lond. ; Coll. Surg. Lond.*
A compilation, of which a short abstract is given by *Haller, op. cit.*, p. 367.
1605. CLAUDINUS, J. C. Breves aliquot Tract. de Lacte et Sero, &c. Francof. 4to.
1622. PERREAU, —. *Ergo Phthisicis Lac, Paris, 4to.
1625. HARTUNG, V. *De simplici trino, ut alimento medicamento, Lacte, Mello, Vino. Lipsiæ, 4to.
1634. NARDIUS, J. Lactis physica analysis. Florent. 4to.
Aristotelis adæcla de viribus medicis potissimum in libris quærit, absque ullo proprio experimento. De sero lactis. Butyri antiquitates. Lactis ejusque sero in variis morbis utilitas.—*Haller, op. cit.*, p. 609.
1645. GUYOT, —. *Ergo Dysentericis Lac. Monspel. 4to.

1651. DEUSINGIUS, A. *Dissertationes duæ...2, de Lacte.* Groningæ, 4to. Redit in Van der Linden 'De Lacte,' 1655, q.v.
1655. VAN DER LINDEN, J. A. *Diss. de Lacte.* Acced. Deusingii 'Diss. de Lacte.' Groningæ, 16mo.
1655. SMITZIUS, J. A. *Objectiones adversus 'Diss. de Lacte' aut. Deusingii.* Groningæ, 12mo.
1663. LE MENESTREJ, J. **Ergo Arthritidi et inveterato Rheumatismo curandis solo Lacte vesci convenit.* Paris, 4to.
1663. PALLERIUS, F. *De vera Lactis genesi et usu.* Genevæ, 4to.
1667. RESTAURAND (*seu* RESTAURANT), B. *Hippocrates de natura Lactis ejusque usu, cum curationibus morborum.* Avenione, 8vo.
1670. GREISELIUS, J. G. *Tractatus medicus, de cura Lactis in Arthritide in quo indagatâ naturâ lactis et arthritidis tandem rationibus et experiētiis allatis diætâ lactea optima arthritidem curandi methodus proponitur?* Viennæ, 12mo. 2nd ed., Budisinzæ, 1681, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
Haller (*Bibl. Med. Pract.*, iii, p. 284) assigns 1620 as the date of this work, and observes with reference to this proposed treatment of gout "Res in eo tempore nova." Van der Linden, however, assigns 1670 as the date, and this is probably correct, judging from the dates of the author's other works. The libraries above mentioned have copies only of the second edition, that of 1681.
1672. QUIQUEBŒUF, —. **Ergo Diabeti Lac Asinum.* Paris, 4to.
1672. KUEFFER, W. C. *De Lacte.* Argentorati, 4to.
Bibl. Coll. Surg. Lond.
1674. BAYLE, F. *Dissertationes medicæ tres: 3. De utilitate Lactis ad tabidos reficiendos et de immediato corporis alimento.* Tolosæ, 4to; Idem, Hagæ Com. 1678, 12mo.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.
1675. WALDSCHMIDT, J. J. *De cura Lactis, Podagricorum solatio, et certo Podagræ remedio.* Giessæ, 4to.
1678. VOGLEB, H. v. *Exercitatio de Lacte.* Helmstadii, 4to.
Bibl. Coll. Phys. Lond.
1684. MARTIN, —. *Traité de l'usage du Lait.* Paris, 12mo, 1706.
Bibl. Roy.
Pharmacopœiæ opusculum. Post physiologica, de modo, quo debet lac ad usus medicos adhiberi, &c. Vide Haller, Bibl. Med. Pract., iii, p. 621.
1687. MENTE, C. **De Phthisis curatione per Lac.* Præs. H. Meibomius. Helmstadii, 4to.
Bibl. Coll. Phys. Lond.
Pulmonis vulnera sanavit et phthisin, lacte mulieris et bubulo lacte et victu mere lacteo.—Haller, op. cit., vol. iii, p. 160.
1705. DOLEUS, J. *Tract. de furia Podagræ Lacte victa et mitigata.* Amat. 12mo. English transl. by Dr. W. Stephens, 1732, London, 8vo. Belgian transl. Harlem, 1709, 8vo.
Bibl. Radcliffe (ed. 1705).
Post Greiseliū, qui idem argumentum tractaverat, et ipse experimenta proponit, etiam sua et aliorum, qui a podagræ sœvitiâ debilitati sani exsti-

terint, cum ad lactis usum se recepissent, omni præterea alio cibo et potu excluso. Ipse uncias 56 in dies sumsit. Arthritis et contractura eodem remedio superatæ; calculus diminutus.—*Haller, Bibl. Med. Pract.*, iii, p. 408.

1706. PRAUSERUS, T. *De Lactis natura, usu et abusu. Lugd. Bat. 4to. *Bibl. Coll. Phys. Edin.*
1713. GÜNTHER, B. L. *De Lacte. Præs. J. S. Henninger. Argentorati, 4to. *Bibl. Med.-Chir. Soc.*
1719. FISCHER, J. A. *De Lacte optimo alimento, optimoque juxta medicamento. Enfordiæ, 4to.
1725. BURGRAFF, J. A. P. De mirabili Lactis Asinini in medendo usu. Præs. F. Hoffmann. Halæ, 4to. English transl. London, 1754, 8vo. *Bibl. Coll. Surg. Lond.; Med. Soc. Lond.*
- Adversus tabem omni alio lacte præstat et etiam eos sanavit, suadente Hoffmanno qui pus rejecerant. Id per exempla demonstravit. Sed etiam arthriticis convenire, podagricis, hypochondriacis, scorbuto, &c. Nihil adversus hypercatharses præstantius et venena mineralia.—*Haller, Bibl. Med. Pract.*, iii, p. 567.
1726. VOGEL, T. *De connubio Aquarum Mineralium cum Lacte longe saluberrimo. Præs. F. Hoffmann. Halæ, 4to. Advocates the combination of milk and alkaline mineral waters in certain pulmonary, scorbutic, and spasmodic affections.
1730. WEBEL, C. De Lactis cauto usu medico. Præs. M. Alberti. Halæ. *Bibl. Roy.*
1737. WEISS, J. N. *De usu Lactis antidoto. Altdorf. 4to.
1737. DOORSCHODT, H. *De Lacte. Lugd. Bat. 4to. *Bibl. Med.-Chir. Soc.*
1741. GOUREAIGNE, H. Diss. de natura et causis fluiditatis sanguinis, &c.... de Lactis natura et usibus in medicina. (In *Haller, Disp. Anat.*, v, p. 777.) Montpel. 4to. *Bibl. Coll. Phys. Edin.*
1749. CLARET, C. *An Cancro mammario ulcerato inextirpabili pro omni alimento Lac? Montpellier, 4to.
1751. HIRD, W. *De Lactis natura et usu. Edin. 8vo. *Bibl. Acad. Edin.*
1753. GALLO, J. M. Diss. del vero e sicuro metodo dell' uso de Latte, e suo abuso nella medicina. Parigi, 2 vols. 8vo. *Bibl. Med. Soc. Lond.*
1753. GEELHAUSEN, J. J. Diss. de usu Lactis medico, seu de curationibus per Lac. Pragæ.
1754. HOFFMANN, F. On Ass's Milk. Vide "Burgraff," 1725, *antè*.
1754. RAULIN, J. Observations de Médecine: sur l'usage du Lait dans la Pulmonie, &c. Paris, 12mo. *Bibl. Med.-Chir. Soc.*
1756. ROSNER, G. E. *Diss. qua nonnulla circa vires Lactis notantur. (In *Haller, Disp. Med. Pract.*, vol. vii.) Lugd. Bat. 4to. *Bibl. Med.-Chir. Soc.* (Haller); *Roy.* (ed. 1756).

1761. YOUNG, T. *De natura et usu Lactis. (In *Sandifort's Thesaurus*, ii, p. 525.) Edin. 8vo. *Bibl. Med.-Chir. Soc.* (Sandifort).
1762. RUTTY, J. Argument of Sulphur or no Sulphur in Waters discussed, &c., with the Analysis of Milk by the same, and the uses of Goat's Whey, by James Kennedy. Dublin, 8vo. *Bibl. Med.-Chir. Soc.*
- In this essay the author details his comparative experiments on woman's, cow's, goat's, ass's, and sheep's milk...he showed the coagulability of woman's milk by rennet, and pointed out the comparatively small amount of caseine which it contains.—*Dublin Quart. Med. Journ.*, viii, p. 472.
1766. SHORT, T. On the Cold Mineral Waters in England, with a discourse on Milk. London, 8vo. *Bibl. Med.-Chir. Soc.*
1769. REUSS, C. F. De Lacte Caprillo viribus medicatis imprægnato. Tubingæ, 4to. German transl. Leipzig, 1783. *Bibl. Coll. Surg. Lond.*
1773. BRUNÉTIÈRE-DESBOCHETTES, J. A. A. *De Lacte. *Bibl. Med.-Chir. Soc.*
1775. HAHN, J. D. Diss. de Lacte humano ejusque cum Asinino et Ovino comparatione. Ultraject. 4to.
1779. BERTHOLLET, C. L. *De Lacte animalium medicamentoso. Præs. — Leroux des Tillets. Paris, 4to. *Medicamenta in lac non agere.—Plouquet, Lit. Med. Digest.*, ii, p. 474.
1782. COLOMBIER, J. Du Lait considéré dans tous ses rapports. Paris 8vo. German transl. Leipzig, 1785, 8vo. *Bibl. Roy.*
1785. FERRIS, S. Dissertation on Milk. London, 8vo. German transl. by C. F. Michaelis, Leipzig, 8vo, 1787. *Bibl. Med.-Chir. Soc.*
1787. PETIT RADEL, P. Essai sur le Lait considéré médicalement sous différens aspects (et quæstio medica: an ad fetus nutritionem lac et sanguis?). Paris, 8vo. *Bibl. Med.-Chir. Soc.*
1791. GEHLER, J. C. De connubio Lactis cum acido dulcibus sanitati neutiquam infuso. Lipsiæ, 4to. *Bibl. Coll. Phys. Edin.*
1799. PARMENTIER, A., et DEYEUX, N. Précis d'expériences et d'observations sur les différentes espèces de Lait; considérées dans leurs rapports avec la chimie, la médecine, &c. Paris, 8vo, pp. 420. German transl. by A. N. Scherer, Jena, 1805, 8vo. *Bibl. Roy.*
1803. GOUPIL, C. A. *De l'usage du Lait dans le traitement de la Phthisie Pulmonaire. Paris, 4to.
1806. BILLIOTTET, J. M. *Sur la Phthisie Pulmonaire et l'emploi du Lait dans le traitement de cette maladie. Paris, 4to.
1811. FRIER, —. *Vide* "Mel."
1817. DÄHNE, C. F. A. Die Milch- und Molkenkuren, und deren

- zweckmässigste Anwendung in verschiedenen Krankheiten. Leipzig, 8vo, pp. 282. Second ed. *ibid.* 1820. *Bibl. Roy.*
 An excellent work on the subject, according to Dr. Karell, who furnishes in *Edin. Med. Journ.*, August, 1866, an interesting sketch of the milk cure.
1818. SENNÉ, A. S. V. *Essai sur l'emploi thérapeutique du Lait. Montpellier, 4to, pp. 15.
1820. BILLARD, J. P. De Lactis usu in Febribus (c'est un commentaire sur l'Aphorisme 64, sect. 3, d'Hippocrate). Vésoul, 8vo.
1826. FOUCAUT, J. B. Observations sur l'emploi de la diète Lactée. Paris, 8vo, pp. 24.
1829. KOTTMANN, J. C. Der Weissenstein. Die Milch- und Molkenkuren, auch die Molkenbäder auf dem Jura. Solothurn, 8vo, pp. 130.
1841. QUÉVENNE, T. A. Introduction pour l'usage du Lactodensimètre suivie d'une notice sur le Lait. Paris, 8vo.
1841. SCHULZE, A. Milch- und Molkenkuren. Quedlinburg, 8vo, pp. 50.
1832. CHERESTIEN, J. A. De l'utilité du Lait administré comme remède et comme aliment dans le traitement de l'Hydropisie. Paris, 8vo, pp. 32.
 Contains very instructive details with regard to the great benefit of milk in dropsy, together with a number of cases illustrative of its effects.—
Dr. Karell, antè.
1839. CHEVALLIER, A., et HENRY, O. Mémoire sur le Lait, sa composition, ses modifications, ses altérations. Paris, 8vo.
1843. FISCHER, F. A. Der bewährte Milcharzt, &c. Bautzen, 16mo.
1845. HUZÉ, G. Du Lait et de ses emplois en Bretagne. Nantes, 8vo.
1854. WOLFSOHN, M. Diss. de Lacte et de Sero Lactis. Berlin, 8vo, pp. 31.
1854. RUPIN, E. *De l'action du Lait comme contre-poison sur quelques dissolutions métalliques. Paris, 4to, pp. 37.
1856. CHEVALLIER, A., et REVEIL, O. Notice sur le Lait; les falsifications qu'on lui fait subir; instructions sur les moyens à employer pour les reconnaître. Paris, 8vo, pp. 40.
1856. REVEIL, P. O. Du Lait. Paris, 8vo, pp. 140.
1856. HAMBERG, N. P. Om Komjök och dess Grädda. (Of Cow's Milk and its Cream.) Upsala, pp. 14.
 Dr. Hamberg's investigations are valuable, not only in an economical point of view, but as contributing to our knowledge of the composition and properties of the typical nutriment prepared by nature for the mammalia generally. See *Dublin Quart. Journ. Med. Sci.*, November, 1857, p. 411, *seq.*
1857. INOZEMTSEFF, —. On the Milk Cure. (In Russian.) Moscow.
 Dr. Inozemtseff, with the help of his assistants, resorted during a long

professional career to the "milk cure" in nearly 1000 cases; he speaks of the good results he has obtained from this treatment, and affirms that its efficacy is indisputable.—*Dr. Karell, anid.*

1857. LEWALD, G. Untersuchungen über den Uebergang v. Arzneimitteln in die Milch. Breslau, 4to, pp. 31.
1857. TILLING, R. Ueber Milch- Molken- und Mineralwassercuren im Inlande. Mitau, 8vo.
1857. BOUCHARDAT, A., et QUEVENNE, T. A. Du Lait. Fasc. ii. 1 Instruction sur l'essai et l'analyse du Lait (Chimie légale du lait). 2 Du Lait en général: des laits des femmes, d'ânesse, de chèvre, de brebis, de vache en particulier. Paris, 8vo, pp. 214.
A treasury of knowledge on the subject of milk.—*Brit. and For. Med.-Chir. Rev.*, July, 1874, p. 154.
1857. VERNOIS, M., et BECQUEREL, A. Analyse du Lait; des principaux types de vaches, chèvres, brebis, bufflisses, &c. Paris, 8vo, pp. 35.
1860. LE VISEUR, O. E. G. De Lactis usu therapeutico, historica nonnulla. Berlin, 8vo, pp. 32.
1860. BAINES, M. A. The comparative properties of Human and Animal Milks, &c. London, 8vo, pp. 31.
1860. BERTRAND, C. Essai sur le Lait considéré au point de vue de sa puissance nutritive, et de sa valeur réelle. Grenoble, 8vo, pp. 24.
1865. RICHELLOT, G. Mémoire sur l'emploi thérapeutique des Laits Médicamenteux du docteur Bouyer. Paris, 8vo, pp. 48.
1865. WITH, O. H. Über Milchwein und Milchweincuren. Bremerhaven, 8vo, pp. 33.
1866. DEJUST, E. *Des applications thérapeutiques du Lait. Paris, 4to.
1867. PECHOLIER, G. Des indications de l'emploi de la diète Lactée dans le traitement de diverses maladies, &c. Paris, 8vo, pp. 88.
1867. SANTANERA, V. La cura Lattea: Memoria presentata alle R. Acad. Med. di Torino. Turin, 8vo.
1869. LEBERT, H. Ueber Milch- und Molkenuren, &c. Berlin, 8vo. *Bibl. Med.-Chir. Soc.*
1870. SIMON, C. P. *Du Petit Lait et du Lait dans la Phthisie Pulmonaire. Paris, 4to.
1871. DONKIN, A. SCOTT. The Skim-Milk Treatment of Diabetes and Bright's Disease, with clinical observations, &c. London, 8vo, pp. 317.

By the employment of skim milk the author argues that "we can administer to a diabetic both an albuminous and saccharine proximate principle of food. The lactin appears to undergo conversion in the presence of the casein into lactic acid, and thus skim milk becomes a food containing a quality (quantity?) of albumen in the highest degree capable of assimilation, with the addition of a saccharine principle which is also assimilated." There is no doubt that Dr. Donkin has done good service by his advocacy of

this treatment, and by the careful rules he has laid down for its application; it could be wished, however, that his proofs of its success were more satisfactory. The author shows that skim milk is preferable to new milk.—*Brit. and For. Med-Chir. Rev.*, April, 1872, p. 428.

1871. BALESTRETTI, F. M. Sulla Dieta Lattea nelle malattie giudicate incurabili. Milano, 8vo, pp. 41.
1871. CORDIER, L. *Des modifications imprimées aux Hydropisies dyscrasiques par le Lait. Paris, 4to.
1872. LEMOYNE, F. *De la diète Lactée comme traitement des Hydropisies. Paris, 4to.
1872. MESNY, A. M. *De la Diarrhée chronique en Cochinchine, et de son traitement par le régime Lacté. Paris, 4to.
1872. RICHTER, H. E. Über Milch- und Molken-Kuren. 2nd. ed.? Leipzig, 8vo, pp. 54.
1873. BIRIEN, H. P. *Contribution à l'étude du traitement de la Dysenterie chronique coloniale par la diète Lactée. Paris, 4to, pp. 28.
1873. CLAVEL, L. C. *De la Dysenterie chronique des pays chauds, et de son traitement par la diète Lactée. Paris, 4to, pp. 45.
1873. HODOUL, C. M. J. *De la médication Lactée dans la Dysenterie et la Diarrhée chroniques. Paris, 4to, pp. 30.
1873. SALACHAS, F. J. *Sur les usages du Lait. Paris, 4to.
1874. WANKLYN, J. A. Milk Analysis: a practical treatise. London, 8vo, pp. 70.

A most disappointing book. In spite of the promises of the author in his preface, we cannot find that he has described a single improved method of examining milk. One would almost imagine that he had never read any analytical work dealing with the analysis of foods and farm products. Indeed, a student might infer that milk had never been properly analysed till Mr. Wanklyn accomplished the feat in 1871.—*Brit. and For. Med.-Chir. Rev.*, July, 1874, p. 154.

1874. VIVANTE, C. D. Della Cura Lattea. Venezia, 8vo, pp. 80.
- This pamphlet treats of milk and of the uses to which it may be put in medicine. There are few authors from Hippocrates down to the latest medical periodicals who have assigned to milk any curative properties that are not quoted. It contains a good account of the milk treatment of diabetes (chiefly from English sources), and also of koumis in the treatment of phthisis...There are very few physicians, however experienced, who will not learn something new of the uses of milk by reading this little treatise.—*Edin. Med. Journ.*, June, 1875, p. 1129.
1875. MODRY, M. *Vide* "Serum Lactis," 1875.

Serum Lactis (Whey).

1595. COSTEUS, J. *Vide* "Lac," 1595.
1603. BARICELLI, J. C. *Vide* "Lac," 1603.
1605. CLAUDINUS, J. C. *Vide* "Lac," 1605.
1623. RANKOS, S. Tract. de Sero lactis et Pitusana. Urasone, 4to.

1631. MUTILIANA, J. R. DE. Tractatus medico-philosophicus de Seri Lactis natura, usu et præparatione. Florent. 8vo.
Bibl. Med. Soc. Lond.
De utilitate seri diætetica et medica, collectitium opusculum.—*Haller, Bibl. Med. Pract.*, ii, p. 593.
1631. CASTRENSIS, S. R. De Sero Lactis tractatus. Florent. 8vo. Norimbergæ, 1646, 12mo.
Bibl. Med.-Chir. Soc.; Med. Soc. Lond.
1632. PERSIUS TREVIVS (anagram of *Petrus Servius*). Ad librum de Sero Lactis S. R. Castrensis declamationes, seu privatæ quædam et domesticæ exercitationes. Paris, 12mo. Romæ, 1634, 8vo.
Bibl. Acad. Edin.; Med. Soc. Lond.
Subtilis refutatio et minuta. Vide *Haller, op. cit.*, p. 597.
1636. RICHER P., et LE FÈVRE, J. *Ergo Dysenterix Serum Lactis salutare. Paris, 4to.
1653. HEYDEN, H., VAN DER. Speedy Help for Rich and Poor, or certain physical discourses touching the virtues of Whey in the cure of Gripping Flux of the Belly and of the Dysentery, &c. Translated from the Latin. London, 12mo.
Bibl. Coll. Phys. Lond. (original Latin work); *Med.-Chir. Soc.*
1664. FONTAINE, T., et BOURGES, J. DE. *Ergo Viscerum obstructionibus Serum Lactis. Paris, 4to.
1725. HENTSCHEL, G. *De Seri Lactis virtute. Halæ, 4to.
Bibl. Med. Soc. Lond.
1725. HOFFMANN, F. De Seri Lactis virtute longe saluberrima. Halæ, 4to.
Lac multis nocere ob naturam coagulabilem...Seri nullum vitium esse. Sacharum ex sero exhalando paratum variis ex animalibus; id sacharum in aqua coctum *Serum Lactis dulce* vocat; inventum suum et magnis extollit laudibus. Alvum laxam servat, cacochymiam temperat etiam scorbuticam, et spasmis subvenit et tabi. Exempla ad hypercatharsin salubris efficacix.—*Haller, Bibl. Med. Pract.* iii, p. 568.
1765. SCHULTHESS, S. De Sero Lactis dulci Hoffmanniano. Tubingæ, 4to. *Bibl. Coll. Surg. Lond.; Med. Soc. Lond.*
1791. GEHLER, J. C. Vide "Lac," 1791.
1817. DÄHNE, C. F. A. Vide "Lac," 1817.
1829. KOTTMANN, J. C. Vide "Lac," 1829.
1850. NIÈPCE, B. Mémoire sur l'action des bains de Petit-lait. Paris, 8vo, pp. 32.
1853. BENEKE, F. W. Die Rationalität der Molkencuren; eine Empfehlungsschrift für die Molkenanstalt zu Bad Rehburg. Hannover, 8vo, pp. 72.

This memoir contains an explanation of what upon chemical and physiological grounds the author conceives to be the *modus operandi* of whey in those morbid states in which it is commonly prescribed. He treats the subject in a manner which gives dignity to it, whilst he does not overrate the curative powers of the agent to which he draws attention.—*Brit. and For. Med.-Chir. Rev.*, July, 1853, p. 149, seq.

1854. MASTALIER, E. Mémoire sur le Petit-lait alpestre et sur les bains d'Ischel. Paris, 8vo.
1854. WOLFSOHN, M. *Vide* "Lac," 1854.
1857. TILLING, R. *Vide* "Lac," 1857.
1858. BARANIECKI, A. Notice sur le Petit-lait en général et en particulier sur les bains de Petit-lait en Bessarabie. Paris, 8vo, pp. 23.
1860. CARRIÈRE, E. Les cures de Petit-lait et de Raisin en Allemagne et en Suisse dans le traitement des maladies chroniques, et en particulier dans les névroses, les troubles fonctionnels des organes digestifs, les pléthores, &c. Paris, 8vo, pp. 240.
1869. LEBERT, H. *Vide* "Lac," 1869.
1870. SIMON, C. P. *Du Petit-lait et du Lait dans la Phthisie Pulmonaire. Paris, 4to.
1875. MODRY, M. Der Molkencurort Roznau in Mähren. Eine Würdigung der Milch- und Molkencuren vom physiologischen und therapeutischen Standpunkte, &c. Wien, 12mo, pp. 135.

LACERTA.

The Lizard and other Reptiles as Medicinal agents.

1782. FLOREZ, J. Especifico nuevamente descubierta en el regno do Guatimala, para la curacion del Cancro. Madrid, 4to. French transl. by Grasset, 1784, Lausanne, 8vo. Italian transl. by C. M. Toscanelli, 1784, Turin, 8vo.
1784. DAUBENTON, CARRÈRE, et MAUDUYT, MM. Rapports sur les vertus médicales des Lézards du royaume de Guatimala. (Ex. in *Hist. de la Soc. Royale de Méd., Paris*, vol. iv.)

This is a report upon a Spanish memoir on a specific discovered in Guatimala for the cure of cancer and other diseases, written by Dr. Joseph Florez, member of the University of Guatimala, and published at Madrid in 1782 (*ante*). This specific is a species of lizard called in Spanish *Lagartija*, and its mode of administration by the Indians is at once simple and disgusting! They cut off the head and tail, remove the intestines and skin, and swallow it directly whilst still bloody and warm, and, if possible, before life is quite extinct! If this is objected to, the lizard, prepared as above, is made into two boluses, the size of a musket bullet and enclosed in a wafer! One is sometimes sufficient to effect a cure, but when this is not the case the number is increased to three. For further details see *Duncan's Med. Commentaries*, xv, 1790, p. 121—133. This remedy fell into merited disuse till 1811, when attention was again called to it by Dr. Gourlay, who, in his work 'On the Natural History, Diseases, &c., of Madeira,' states that in that island the common lizard (*Lacerta agilis*, Linn.) is used with success in cancer, and speaks of instances of its successful employment within his own knowledge.

1784. MEO, J. B. DE. Saggio intorno all' nuovo specifico delle Lacertole. Palermo, 8vo. French transl. by J. F. Martinet, Paris, 1786, 8vo.

1785. TREVISAN, F. Raccolta di vari opuscoli publicati fin ora intorno all' uso delle Lacertole per la guarigione di Cancri ed altri mali. Naples, 8vo.
1787. SCHNEITER, J. G. Diss. Amphibiorum virtutis medicatæ defensio inchoata. Præs. J. Harmann. Argent. 4to.
1788. RÖMER, J. J. Ueber den Nutzen und Gebrauch der Eidechsen in Krebschäden, der Lustseuche und verschied. Hautkrankheiten. Leipzig, 8vo.
1788. CARMINATI, B. De Lacertarum et Viperarum variis in morbis usu. In ejus 'Opuscula Therapeutica.' Vide "General Therapeutics," 1788.
1789. SCHWEIGHÆUSER, J. F. Amphibiorum virtutis medicatæ defensio continuata Scinci maxime historiam expendens. Argentorati, 4to.

LACTIC ACID.

1841. BOTTIGNOLI, G. Dell' Acido Lattico e del Lattato Ferroso. Pavia, 8vo, pp. 56.
1841. PERETTI, P. Sull' Acido Lattico. Loc? *Bibl. Manchester Med. Soc.*

See also "Lactates," p. 163.

LACTUCA et LACTUCARIUM.

The Lettuce and its concrete Juice.

1780. COLLIN, H. J. Lactucæ sylvestris contra Hydropem vires. Vienna, 8vo, pp. 66, tab. i. *Bibl. Med.-Chir. Soc.*

From the figures of the plant prefixed to this essay, and from the statements contained in it, we are led to the conclusion, notwithstanding the title-page, that the plant employed by the author was not *Lactuca sylvestris* but *L. virosa*. Out of 24 cases of dropsy treated with the extract of this plant related in this work only one is said to have proved fatal. See reviews in *Duncan's Med. Commentaries*, xi, 1787, p. 36, and *London Med. Journal*, i, 1781, p. 263—6.

1799. COXE, J. B. Inquiry into the comparative effects of Opium Officinarum extracted from *Papaver somniferum*, *Linn.*, and that procured from *Lactuca sativa*, *Linn.*, the common cultivated Lettuce. (Ex. in *Trans. of American Phil. Soc.*, iv, 1799, p. 387.)

Although the soporific properties of the lettuce were known to the ancients, it was left to Dr. Coxe of Philadelphia, in the above communication, to introduce its concrete juice into modern practice. To this he gives it the name of *Lettuce Opium*, for which, however, Dr. Duncan subsequently substituted that of *Lactucarium*. *Thridace*, another name sometimes applied to it, belongs properly to Extract of Lettuce.

1816. DUNCAN, A. On Pulmonary Consumption. Second ed. To

which is added an appendix on the preparation and use of Lactucarium or Lettuce Opium. Edin. 8vo, pp. 169.

The author speaks very favorably of the medicinal virtues of lactucarium, maintaining that from it we may obtain all the anodyne effects of opium without the disagreeable consequences which not unfrequently follow the employment of opium.—*Eberle*.

1819. GANZEL, K. L. *De Lactuca sativa et Lactucario. Berolini, 8vo, pp. 32.
1820. KLINK, A. *Diss. sistens Lactucæ virosæ et L. sativæ analysin chemicam. Kilia, 4to, pp. 27.
1820. DUNCAN, A. Additional observations on the use of Lactucarium, particularly in a case of Cynanche laryngea or Croup. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1825. FRANÇOIS, A. Observations sur l'emploi de l'Extrait de Laitue faites à l'Hôpital de la Pitié par le Dr. François, et recueillies par le Dr. Meyraux. Paris, 8vo, pp. 16.
- Dr. François is the author of another memoir, ('De la Thridace,') published in *Archives Gém. de Méd.*, tome viii, 1825-6, p. 258, 529, and tome ix, 1825, p. 147. A notice of this is in the *Lancet*, vol. ix, 1825-6, p. 388. This memoir seems to have been one of considerable importance.
- François, who made use of the concreted juice of the plant obtained by incision, pronounced it to be destitute of any narcotic or intoxicating property such as belongs to opium, but admitted that it indirectly disposes to sleep by soothing pain and diminishing the activity of the circulation.—*Stillé, Thérap.*, i, p. 757.
1826. VAUDREY, —. *Diss. sur la Thridace. Paris, 4to.
1827. HUMBLE, A. H. *De Lactucario. Præs. C. Thunberg. Upsaliæ, 4to, pp. 8.
1833. HIRSCHFELD, H. *De Lactuca virosa et L. Scariola. Berol. 8vo, pp. 62. *Bibl. Coll. Phys. Edin.*
1833. HAUSSEN, L. P. *De Extracto Lactucæ et Lactucario. Præs. J. Sonnerberg. Londini Gothorum, 4to.
1837. MENICUCOI, C. A. Cardialgia vinta col solo succo della Lactuca virosa. Lucca, 8vo.
1839. WALZ, G. F. Der Milchsafft des Gifflattichs chemisch untersucht. Heidelberg, 8vo, pp. 54.
- The principal points of Walz's analysis will be found in *Christison's Dispensatory*, p. 588 seq.
1860. KELTERBOON, A. Meletemata nonnulla de herba Cannabis Indicæ et de Lactucario. Dorpati, 8vo, pp. 23.
1864. AUBERGIER, H. Le dernier mot sur le Lactucarium, suivi de pièces officielles. Clermont, 8vo, pp. 19.

LAMINARIA DIGITATA, Linn.

Sea Girdle. Tangle.

1867. HUBERT, —. De l'emploi du Laminaria digitata et des autres moyens propres à provoquer l'accouchement prématuré. Bruxelles, 8vo, pp. 24.

1867. HYERNAUX, L. Du Laminaria digitata et de l'Éponge préparée dans la pratique des accouchements prématurés artificiels. Bruxelles, 8vo, pp. 32.
1867. PIGOLET, —. La Laminaire digitée et l'accouchement prématuré provoqué. Bruxelles, 8vo, pp. 24.
1867. VAN LEYNSEELE, —. De l'emploi du Laminaria comme moyen provocateur de l'accouchement prématuré. Bruxelles, 8vo, pp. 16.
1870. REEVES, H. A. The safe and speedy treatment of Urethral Stricture by means of Laminaria digitata. London, 8vo. *Bibl. Med.-Chir. Soc.*

LAUREUS (sp. of).

Laurel.

1670. CALDENBACH, C. *De Lauro. Tubingæ, 4to, pp. 15.
1732. WAGNER, J. G. Arboreti Sacri perfectioris specimen sistens Laurum ex omni antiquitate erutam. Helmstadii, 8vo, pp. 216. *Bibl. Banks.*
1751. AGNETHLER, M. G. *De Lauro. Halæ, 4to, pp. 60, tab. i. *Bibl. Banks.*
- Historia Lauri poeticæ botanica, medica, philologica. Folia adversus febres intermittentes valere.—Haller, *Bibl. Bot.*, ii, p. 369.

LAURUS CERASUS. Vide PRUNUS LAUROCERASUS.

LAVENDULA VERA, DC.

Lavender.

1780. LINNÆUS, C. (filius). *Diss. de Lavandula. Resp. J. D. Lundmark. Upsaliæ, 4to, pp. 22, tab. 2. Id. in *Amœn. Acad.*, vol. x, pt. ii, p. 41. *Bibl. Linn. Soc. Banks.*
- Mainly botanical; the portion devoted to the properties and uses of lavender is very brief, and contains nothing noteworthy.

LEDUM PALUSTRE, Linn.

Wild Rosemary.

1775. WESTRING, J. P. *Diss. medica de Ledo palustri. Præs. C. Linnæus. Idem in *Amœn. Acad.*, vol. viii, p. 268. Upsaliæ, 4to, pp. 18. *Bibl. Banks; Linn. Soc.*
- Contains a full botanical account of the plant, followed by an examination of its medical properties and uses. It is chiefly lauded in the form of decoction as an external application, in scabies, tinea, lepra, exanthemata, &c. It appears to be specially obnoxious to bugs, hence its virtues as a cimicifuge are duly set forth.
1824. RINGEL, F. De natura et viribus herbæ Ledi palustris sive Rosmarini sylvestris. Halæ, 8vo, pp. 26.

LEPIDIUM RUDERALE, Linn.

1816. GLASER, F. R. VON. *De virtute et vi medica Lepidii ruderalis, *Linn.*, in morbis tum internis tum externis adhibiti.
Dorpati, 8vo, pp. 64.

LICHEN (sp. of).

1762. CARTHEUSER, J. F. *Diss. de Lichene cinereo terrestri.
Resp. G. L. Sixius. Francof. ad Viad. 4to, pp. 16.
Bibl. Banks; Radcliffe.
1785. DILLENIUS, J. B. J. De Lichene pyxidato (fimbriato et cocifero). Moguntia, 8vo, pp. 48, tab. i. Idem in *Schlegel Thes. Mat. Med.*, vol. i, art. 9, p. 307.
Bibl. Coll. Phys. Edin.; Med.-Chir. Soc. (Schlegel).

A botanical and chemical history of this lichen, followed by an account of its medicinal uses; it is specially lauded as a remedy in convulsive coughs, and four cases illustrative of its efficacy are given.

1786. HOFFMANN, G. F. Diss. de vario Lichenum usu.
Erlangæ, 4to. *Bibl. Coll. Surg. Lond.*
1787. AMOREUX, P. J. Recherches et expériences sur les divers Lichens. Lyon, 8vo. *Bibl. Linn. Soc.*
1787. WILLET, R. Lichénographie Économique. Lyon, 8vo.
Bibl. Linn. Soc.; Acad. Edin.

This and the two preceding works were in answer to a question proposed by the Academy of Lyons on the utility of lichens. Hoffmann's memoir obtained the prize; the three were subsequently published in a single volume entitled 'Hoffmann, Amoreux et Willet. Mémoires couronnés en 1786 par l'Académie de Lyon sur l'utilité des Lichens dans la médecine et dans l'art,' Lyon.—*Méat et De Lens.*

1791. STARRING, B. J. H. De viribus Lichenis. Harderovici, 4to.
Bibl. Roy.

LIGNUM COLUBRINUM. Vide STRYCHNOS COLUBRINA.

LILIUM CANDIDUM, Linn.

White Lily.

1662. URBINUS, L. De Lilio Albo. Lipsiæ, 4to.
Bibl. Coll. Phys. Lond.; Banks.
1683. TILLING vel TILLINGIUS, M. Lilium curiosum, seu accurata Lili albi descriptio, in qua ejus natura et essentia mirabilis, nobilitas et præstantia singularis, qualitates et vires ineffabiles fere philologicæ, physice, theologice, et medicæ...relevantur.
Francof. ad Mœn. 8vo, pp. 576. *Bibl. Linn. Soc.; Banks.*

Collatitium opusculum quale eo tempore scribebatur.—*Haller, Bibl. Bot.*, i, p. 555.

LINARIA CYMBALARIA, Miller.

Cymbalaria or Ivy-leaved Toad Flax.

1715. HERMANN, J. H. *De Cymbalaria. Præs. T. Zwinger. Basilæ, 4to, pp. 20, tab. col. i. Redit. in Wepfer, *Hist. Cicutæ aquaticæ*, Basilæ, 1714 et 1733.
Bibl. Radcliffe; Med. Soc. Lond. (sub nom. Wepfer).

LINNÆA BOREALIS, Gronov.

1788. LUNDMARK, J. D. *Diss. de usu Linnææ medico. Præs. J. G. Acrel. Upsaliæ, 4to, pp. 10. *Bibl. Acad. Edin.*

LINUM CATHARTICUM, Linn.

Purging Flax.

1712. CAMMERARIUS, R. J. *Bigæ botanica. (Linum catharticum.) Tubingæ, 4to, pp. 16. *Bibl. Banks.*
 1715. SLEVOGT, J. H. *De Lino sylvestri cathartico Anglorum. Jenæ, 4to, pp. 8. *Bibl. Banks.*
 1835. MORITZ, W. *De Lini cathartici vi purgante observationes. Dorpati, 8vo, pp. 32.
 1845. PAGENSTECHE, F. *Ueber Linum catharticum, Linn. München, 8vo, pp. 24.

LINUM USITATISSIMUM, Linn.

Linseed.

1767. GALLESKY, J. G. Abhandlung vom Miserere od. von der Darmgicht, nebst einigen Bemerkgn. v. den heilsamen Kräften des Leinöls in dieser Krankheiten. Leipzig, 8vo.
 Strongly advocates the administration of linseed oil in colica pictorum and other spasmodic affections of the bowels.
 1845. SACC, F. Expériences sur les propriétés physiques et chimiques de l'Huile de Lin. Neuchatel, 4to, pp. 18.

LIRIODENDRON TULIPIFERA, Linn.

Tulip Tree. American Poplar.

1840. BOUCHABDAT, A. Mémoire sur l'analyse de l'écorce du Tulipier, Liriodendron tulipifera. Paris, 8vo. Idem. in *Ann. de Thérap.*, 1841, p. 75.
 1800. CUBIÈRES, S. L. P., MARQUIS DE. Histoire du Tulipier. Paris, 8vo.
 1802. ROGERS, P. KERR. *An investigation of the properties of the Liriodendron tulipifera or Poplar Tree. Philadelphia, 8vo.

Dr. Rogers's was the first analysis of liriodendron bark, but from the state of organic chemistry at that day it is of little interest except that he found an acid, which he supposed to be hydrochloric, but which has not been detected by later experimenters.—*Griffith's Med. Bot.*, p. 99. The principle liriodendrine was discovered in 1832 by Prof. J. P. Emmet.—*Phil. Journ. Pharm.*, iii, p. 5.

LITHIUM

And its preparations.

1855. WEYMAN, G. W. *Lithium and its known compounds.
(Chemical?) Göttingen, 8vo, pp. 42.
1857. TROOST, L. *Recherches sur le Lithium et ses composés.
Paris, pp. 48.
1873. GARROD, A. B. Renal Calculus, Gravel and Gouty Deposits,
and the value of Lithium Salts in their treatment. (Ex. in *Med.
Times and Gaz.*, 1873, vol. i, pp. 83, 246, 299.)
A valuable practical communication, illustrating the physiological action
and therapeutic applications of the preparations of lithium.
1874. LEVY, E. *Sur l'action physiologique et thérapeutique de
Bromure de Lithium. Paris, 4to.

LOBELIA INFLATA, Linn.

Bladder-podded Lobelia, Indian Tobacco.

1829. ROBINSON, J. H. Debility, &c.; to which are added instruc-
tions for the use of Lobelia inflata in cases of Asthma and
Chronic Cough. London, 8vo, pp. 86.
The title-page, a long one, savours very strongly of quackery.
1830. REECE, R. Practical Treatise on the anti-asthmatic proper-
ties of Lobelia inflata, with directions for its exhibition, &c.
London, 8vo, pp. 40. *Bibl. Coll. Surg. Lond.*
1864. BARALLIER, A. Des effets physiologiques et de l'emploi thé-
rapeutique de la Lobelia inflata. (Ex *Bull. de Thérap.*)
Paris, 8vo, pp. 15.

LOBELIA SYPHILITICA, Linn.

1782. DUPAU, J. Sur l'usage des végétaux exotiques, et particu-
lièrement...de la Lobelia syphilitica dans les Maladies Vénéri-
ennes. Paris, 8vo.
1791. NEALE, M. On the virtues and efficacy of some exotic plants,
and especially of Lobelia syphilitica in the cure of Venereal and
Scrophulous Maladies. London, 8vo, pp. 94.
A translation of the work of M. Dupau?

LOLIUM TEMULENTUM, Linn.

Darnel.

1600. CRASSUS, P. De Lolio tractatus. Bononiæ, 4to, pp. 64.
Bibl. Banks.
1710. CAMMERARIUS, R. J. De Lolio temulento. (In *Act. Nat.
Cur. Dec.*, Ann. 8, p. 430, 433.) Tubingæ, 4to, pp. 24.
1813. CLABAUD, J. B. *Diss. sur l'Ivraie (Lolium temulentum).
Paris, 4to, pp. 16.

LYCOPELON, Sp. of.

Puff-ball, &c.

1782. BRYANT, C. An historical account of two species of Lycoperdon, in which the plants are accurately described, and their several curious properties are set forth. London, 8vo, pp. 32, tab. i. *Bibl. Banks.*

1853. RICHARDSON, W. B. On the anæsthetic properties of Lycoperdon proteus or common Puff-ball. (Reprint from *Association Med. Journal*, 1852.) London, 12mo, pp. 12. *Bibl. Med.-Chir. Soc.*

A highly interesting and suggestive brochure. From the fact that the fumes of burning puff-ball are in common use for the purpose of stupifying bees before the process of extracting the contents of the hive, the author was induced to extend some trials with it to animals, cats and dogs, in order to ascertain its anæsthetic powers. From these it is evident that the fumes of the puff-ball contain a principle capable of causing anæsthesia in animals. In liberal doses it narcotises rapidly and effectually without unpleasant symptoms; and the narcotic effect soon passes off, leaving the animal in perfect health. Details are given of an operation (removal of a tumour) on a dog during anæsthesia induced by its means. The subject seems well worthy of further investigation.

LYCOPODIUM CLAVATUM, Linn.

Club Moss.

1702. WEDEL, G. W. De Musco terrestri clavato seu Lycopodio. Resp. M. N. Hanneken. Jenæ, 4to, pp. 44. *Bibl. Banks.*

Multiplices vires medicæ: laudat etiam ad urinæ dolores, ad vulnera, adque plicam.—*Haller, Bibl. Bot.*, i, p. 559.

1814. DANZEL, J. F. N. *De Lycopodii herba et semine. Gottingæ, 8vo, pp. 71. *Bibl. Med.-Chir. Soc.*

1852. ADERHOLDT, A. E. *De partibus anorganicis Lycopodii chamæcyparissi et L. clavati. (Chemical.) Bonn, 8vo, pp. 25.

LYCOPUS EUROPEUS, Linn.

Water Horehound.

1820. RE, G. F. Sopra un nuovo succedano della Cortecchia del Peru. Torino, 8vo, pp. 21.

In this brochure the author sets forth the antiperiodic virtues of *Lycopus Europæus*; he states that he administered it in powder in doses of eight grammes before the paroxysm several days in succession, and that he found its action as an antiperiodic equal to that of cinchona.—*Cazin Plant. Méd. Indig.*, p. 552.

LYTHRUM SALICARIA, Linn.

Willow-herb, or Purple Loose-strife.

1762. SAGAR, M. *De Salicaria. (Idem in *Wasserberg Diss.*, ii, p. 393). Vienna, 4to, pp. 15. *Bibl. Linn. Soc.; Banks.*

Advocates its use in leucorrhœa and hæmoptysis.

1790. SCHERBIUS, J. *De Lysimachiæ purpureæ sive Lythri Salicariæ, *Linn.*, virtute medicinali non dubia. Jenæ, 4to, pp. 34, tab. i. *Bibl. Med. Soc. Lond.; Banks.*
1802. FREYER, J. G. De Lythro Salicaria, *Linn.* Gottingæ, 8vo, pp. 70, tab. col. i. *Bibl. Linn. Soc.*

MAGNESIA et MAGNESIÆ CARBONAS.

Magnesia and its Carbonate.

1705. VALENTINUS, M. B. Relatio de Magnesia alba novo genuino et polychresto et innoxio pharmaco purgante Roma nuper advento a G. G. Lobniz. Giessæ, 8vo.
1710. SLEVOGT, J. H. Diss. de Magnesia alba novo et innoxio purgante polychresto remedio. Jenæ, 4to, pp. 28. *Bibl. Banks.*
1732. WEDEL, J. A. De Magnesia alba compendiose paranda. Jenæ, 4to.
1752. SMITH, H. *De Magnesia alba. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1754. BLACK, J. *De humore acido à cibus orto, et Magnesia alba. Edin. 8vo. *Bibl. Med.-Chir. Soc.*
1764. GLASS, S. Essay on Magnesia alba. Oxford, 8vo. *Bibl. Med.-Chir. Soc.*
1768. INGRAM, D. An inquiry into the origin and nature of Magnesia alba, &c. London, 8vo.
1772. RUPERTI, H. J. Diss. Magnesiæ albæ alcalinæ proprietates ac virtutes proponens. Helmstadtii, 4to.
1773. ELSNER, C. F. Diss. de Magnesia Edinburgensi. Regiomonti, 4to.
1773. HENRY, T. Experiments and observations on Magnesia, Lime, Antiseptic Substances and Fixed Air. London, 8vo. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*
1774. SCHAEFFER, J. C. G. Diss. de Magnesia. Argentorati, 4to. (In *Wittwer, Diss. Med. Argent.*, vol. iii, p. 152.) *Bibl. Coll. Surg. Lond.; Acad. Edin.*
1775. BERGMAN, T. *Diss. de Magnesia alba. Resp. C. Norell. Upsalæ, 8vo, pp. 28. *Bibl. Banks.*
1777. BLACK, J. Experiments upon Magnesia alba, Quick-lime, and other alkaline substances, &c. London, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1775. HENRY, T. An account of the medicinal virtues of Magnesia alba. London, 8vo. *Bibl. Coll. Surg. Lond.*
1779. JAEGER, C. F. *Diss. de Magnesia cruda atque calcinata. Resp. J. F. Bilhuber. Tubingæ, 4to, pp. 44. *Bibl. Banks.*

1780. GEHLER, J. C. Progr. de Magnesiæ genuinæ usu medico.
Lipsiæ, 4to.
1782. TEISSIER, J. Sur le Magnesia alba et son utilité pour pré-
server ou rétablir la santé. Amsterdam, 8vo, pp. 39. Dutch
transl, ibid. 8vo. *Bibl. Roy.* (Dutch.)
1783. HULSENKAMP, F. C. De Hollandsche Magnesia alba, bes-
chouwd en bewerkt. Amst. 8vo.
1785. GMELIN, C. G. Historia fontium muriaticorum Sulzensium ;
necnon experimenta et cogitata circa Magnesium.
Erlangæ, 8vo.
1786. DRIESSEN, P. Scheikundige verhandeling over de Magnesia
alba, &c. Amst. 8vo.
1804. ARCHER, J. *On the effects and modus operandi of the Car-
bonates of Lime, Magnesia, and Potash in the cure of general
and local diseases. Philadelphia, 8vo.
1805. GADOLIN, J. *De Magnesia. Resp. J. Skalen. Aboæ, 4to.
Bibl. Linn. Soc.
1844. MIALHE, L. Considérations chimiques et thérapeutiques sur
les différentes espèces de Magnésie calcinée, employées en méde-
cine. Paris, 8vo, pp. 24.
1852. SCHUCHARDT, B. Untersuchungen über die Anwendung des
Magnesiahydrats als Gegenmittel gegen arsenige Säure und
Quecksilberchlorid. Göttingen, 8vo, pp. 60.
1854. GULEKE, A. *De vi Magnesiæ Ustæ alvum purgante.
Dorpati, 8vo, pp. 28.
1856. KERKOVINS, E. De Magnesiæ ejusque Salium quorundam
in tractu intestinali mutationibus. Dorpati, 8vo, pp. 47.
1856. WAGNER, C. Experimenta de excretionem Calcaris et Mag-
nesiæ. Dorpati, 8vo, pp. 46.
1861. KOEBBER, B. Beiträge zur Kenntniss des Ueberganges der
Kalk- und Magnesiassalze ins Blut. Dorpati, 8vo, pp. 45.
1875. CAULET, —. On Magnesia as an Alkali. *Vide* "Alkalies,"
"Calx," 1875.

MAGNESIÆ SULPHAS.

Sulphate of Magnesia. Epsom Salt.

1698. GREW, NEHEMIAH. Tractatus de Sale Cathartico Amaro in
aquis Ebeshamensibus. London, 18mo. English transl. by J.
Bridges, London, 1697. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
This work contains the first notice of the sulphate of magnesia (Epsom
salts), but it is mainly occupied with an account of the saline springs from
which it was originally obtained. See "Epsom," in "British Mineral
Waters," in Appendix.
1715. WEDEL, J. A. De Sale Cathartico Amaro Anglico.
Jenæ, 4to.

1781. BUTINI, P. Observations et recherches analytiques sur le Magnesia du Sel d'Epsom suivies de réflexions sur l'union chimique des corps. Genève, 8vo.
- For a short notice of this chemical tract see *London Med. Journal*, November, 1781, p. 358.
1784. STORR, H. De Sale Alpino (Sulphate of Magnesia). Tubingæ, 4to.
1803. MAJON, G. Memoria sopra Solfato di Magnesia. (Chemical?) Genova, 8vo, pp. 16.
1857. DUHMBERG, O. K. Diss. de effectu Magnesie Sulphuricæ. Dorpati, 8vo, pp. 48.
1866. BARBIERI, A. *Vide* "Magnesie Sulphis," 1866.
1871. MOREAU, A. Expériences sur l'Intestin; sur l'action du Sulfate de Magnésie. 2me note. Paris, 8vo, pp. 4.

MAGNESIE SULPHIS.

Sulphite of Magnesia.

1866. BARBIERI, A. Due casi d'infezione purulenta ed un terzo d'infezione putrida trattati internamente coll Solfito di Magnesia, &c. Milan, 8vo, pp. 31.
- In the title of this work, as it appears in 'Ruprecht's *Bibl. Med. Chirurg.*' 1866, p. 98, the salt employed is stated to have been the sulphate of magnesia, but from the context it is evident that the sulphite was intended, hence I have transferred it to this place.
1870. SANTINI, S. Del Salasso nella Pneumonite. Studi sperimentali sul Solfito di Magnesia nella Febre Miasmatica. Firenze, 8vo, pp. 67.

See also "Sulphites," p. 187.

MAGNOLIA GLAUCA, Linn. Et alt. species.

White Laurel Tree, &c.

1802. PRICE, T. D. *Dissertation on the Magnolia glauca, or Common White Laurel tree. Philadelphia, 8vo.
1806. FLOYD, J. An experimental inquiry into the medical properties of the Magnolia tripetala and Magnolia acuminata. Philadelphia, 8vo.
1855. SEMMOLA, M. Della Magnolia grandiflora. Ricerche chimiche e farmacologiche. Napoli, 8vo.

MALAMBO or MATIAS BARK.

1816. GRANVILLE, A. B. Account of the physical and chemical properties of the Malambo-bark, a species of Wintera lately introduced into the Materia Medica from America. London, 8vo.

Malambo-bark, introduced into Europe by Bonpland in 1814, enjoyed a short-lived popularity as a tonic and stomachic. Its botanical origin was settled in 1858 by Karsten, who referred it to *Croton Malambo*, *Krst.* It is identical with *Matias*-bark, which was brought to notice in 1840 by Dr. Mackay. *Vide* Mr. Ure in *Pharm. Journ.*, iii, 1843, p. 169.

MALTINE.

1874. PAUL, C. Maltine in Dyspepsia. *Vide* "Pepsine," 1874.

MANGANESIUM.

Manganese and its Salts.

1793. SCHROEDTER, J. C. A. *Diss. sistens quæstionem num Magnesia vitriariorum (Manganesii-Oxidum) in Febribus Inflammatoriis adhibenda sit. Jenæ, 4to, pp. 33. *Bibl. Roy.*
1800. (Ann. viii.) GRILL, N., et MORELET, —. Sur l'emploi de l'Oxide de Manganèse dans les Maladies Cutanées. Grenoble, 8vo, pp. 47.
1805. KAPP, G. C. F. System. Darstellung der durch die neure Chemie in der Arzneikunst, bewirkten Veränderungen und Verbesserungen. Nebst einem Anh. über das Braunsteinmetall (Manganese) und dessen Oxyde, als Heilmittel. Hafnia, 8vo.
1820. FORCHHAMMER, J. G. *De Mangano. Hafnia, 4to, pp. 54. *Bibl. Med.-Chir. Soc.*
1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts... des Manganes, &c., auf den thierischen Organismus. Tübingen, 8vo.
Reviewed in *Edin. Med. Surg. Journ.*, xxvi, 1829, p. 139. See also "Metals," 1825.
1828. SEYL, A. *De Mangani natura et medicamentis. Marburgi, 8vo, pp. 31.
1849. HANNON, J. D. Études sur le Manganèse. De ses applications thérapeutiques et de l'utilité de sa présence dans le sang. Bruxelles, 8vo, pp. 50.
1851. BRIKOFF, —. On Manganese and its preparations. (In Russian.) St. Petersburg ? 8vo.
1852. BURIN DU BUISSON, A. Mémoire sur l'existence du Manganèse dans le sang humain, sur son rôle dans l'économie animale et sur la préparation de quelques nouveaux produits pharmaceutiques de Fer et de Manganèse. Lyon et Montpellier, Paris, 8vo, pp. 56.
1852. PÉTRÉQUIN, J. E. Nouvelles recherches sur l'emploi thérapeutique du Manganèse comme adjuvant et comme succédané du Fer. Paris, 8vo, pp. 28.

MANIHOT UTILISSIMA, Pohl.

Bitter Cassava, Manioc.

1753. HERRERT, H. N. De Cassavæ Amaræ Surinamensis radice. Marburgi, 4to. *Bibl. Banks.*
Dnas dari Maniocæ species; alteri radicem esse innoxiam; amaræ suocum certum venenum esse, et ventriculum mire inflare, perque convulsiones necare, nisi vomitu reddatur; per fermentationem vero et coctionem innoxium fieri. Hæc solus docet.—*Haller, Bibl. Bot.*, ii, p. 431.

1830. HENRY, O., et BOUTRON-CHARLARD, — Recherches sur le principe vénéneux du Manioc amer. (Ex. in *Mem. de l'Acad. Roy. de Méd.*, v, p. 212, et *Journ. de Pharm.*, xxii, p. 118, 1836. Paris.

MANNA et MANNITE.

1525. CRINITUS, P. De honesta Disciplina, Libri xxv. Lib. xxv, cap. vii, Quo nomine apud Veteres Manna diceretur: ac de illius usu ac cognitione apud medicos: tum de Manna Thuris nonnihil. Paris, folio.
1534. CAMPEGIUS, S. *Vide* "Terebinthina," 1534.
1562. DONATUS ANTONINUS AB ALTOMARI. De Mannæ differentiis ac viribus deque eas dignoscendi via ac ratione. Venetiis, 4to, pp. 46. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

A literary piracy! The circumstances under which it was produced are given in detail by Daniel Hanbury in his 'Historical Notes on Mauna,' *infra*. From this it appears that in 1562 the Neapolitan government issued an edict prohibiting druggists under a severe penalty from using any other manna than that of the leaf (leaf manna), under the impression that that obtained by incision of the bark was of very inferior quality. This law proved very injurious to the Calabrians, and a physician, Annibal Briganti, took up the question in a philosophical spirit, made many visits to the manna districts, and after much investigation came to the conclusion that manna, whether spontaneously yielded by the leaves or stem or obtained by incision of the bark, is essentially the same substance and possesses like virtues. Briganti, distrusting his own judgment in the matter, transmitted his manuscript observations from Chieti, where he lived, to another learned man, Donatus Antoninus ab Altomari, of Naples, who so entirely approved of it that he immediately published the whole of it under his own name!! An account of this shameless piracy is related with much moderation by Briganti himself in his Italian edition of Garcia D'Orto, published at Venice in 1582.—*Hanbury*.

1567. CASSANI, F. De Mannæ viribus et essentia. Neapoli, 8vo.
1633. WALTHER, M. Tractatus de Manna. Lugd. Bat. 8vo. *Bibl. Coll. Phys. Lond.*
1642. NARDIUS, J. De Rore disquisitio, in qua agitur de Melle, Manna, Saccharo, &c. Florent. 4to.
Ex theoria fere, neque suis usus experimentia.—*Haller, Bibl. Bot.*, i, p. 464.
1648. MAGNENUS, J. C. De Manna liber singularis. Ticini, 8vo. 2nd ed. 1658, Papiæ, 12mo; 3rd ed. 1658, Hagæ, 12mo. *Bibl. Med.-Chir. Soc.; Linn Soc.; Coll. Phys. Edin.* (ed.) 1658; *Acad. Edin.* 1658.
- Præter rem botanicam et elementa mannæ, agit de viribus medicis; magnum mannæ esse consensum cum bile, quam ducat, tamen et aquam expurgare. Majori dosi quatuor unciam dari debere Formulæ. *Haller, Bibl. Med. Pract.*, iii, p. 2.
1659. DEUSINGIUS, A. Diss. de Manna et Saccharo. Groningæ, 12mo. *Bibl. Linn. Soc.; Coll. Phys. Edin.*

1664. SALMASIUS, C. De Manna et Saccharo Commentarius. Paris, 12mo. Redit in ejus *Exercit. de Homonymis*. Traject. ad Rhen. 1689, folio, p. 245—254.
Bibl. Med. Soc. Lond.; Acad. Edin.
- Multa erudita ex Græca et Arabica lingua Salmasius hic repetit. Mannæ nomen notum fuisse ante Mosis tempora monet, et repetitum ab Hebræis ob similitudinem cum Manna Libani dudum cognita.—*Haller, Bibl. Bot.*, i, p. 445.
1677. POSNER, C. De Manna. Jenæ, 4to.
1684. HOFFWENIUS, P. *De Manna. Resp. N. Clevbergius. Upsaliæ, 8vo, pp. 56.
1685. BACHOT, S. *An affectibus melancholicis Manna? Paris, 4to.
1701. SYGNATIUS, M. A. *De Manna. Harderov. 4to.
1725. HOFFMANN, F. De Manna ejusque præstantissimo in medicina usu. Halæ, 4to, pp. 34.
Omnes humores blanda vi educere, infantibus opportunissimum, senibus prægnantibus saburram biliosam expurgare, malignis convenire catarrhis, hypochondriacis, renis morbis, cum aquis mineralibus conjungi optime. Variolis etiam dari posse.—*Haller, Bibl. Med. Pract.*, iii, p. 567.
1725. BIELIZ, J. *De Manna, et speciatim de securo ac proficuo ejus usu in Variolis confluentibus. Præs. L. Heister. Helmstadii, 4to, pp. 44. *Bibl. Acad. Edin.*
1725. MANGOLD, J. H. De Manna. Rinteln, 4to.
1740. SAILLY, P. F. DE. *De Manna. Lugd. Bat. 4to, pp. 38. *Bibl. Med. Soc. Lond.*
1761. EGHOLM, M. P. *De Manna. Hafniæ, 8vo.
1793. TRAINER, W. A. B. Examen chemicum Mannæ. Erlangæ, 8vo, pp. 32.
1849. ANDERSON, T. On a new species of Manna from New South Wales. Edin. 8vo.
The variety of manna here brought to notice is probably that collected in the form of small rounded opaque-white masses from the leaves and younger branches of *Eucalyptus viminalis*, *Labil.*, a common Australian tree. It does not appear to be applied to medicinal uses.
1854. GERLACH, E. *De Manniti vi et indole quædam Disquisitiones, ratione habita aliarum Mannæ partium. Dorpati, 4to, pp. 32.
1856. WITTE, W. J. Meletemata de Sacchari, Manniti, &c., in organismo mutationibus. Dorpati, 8vo, pp. 36.
1869. HANBURY, D. Historical notes on Manna. (Ex. in *Pharm. Journ.*, xi, 1869, p. 326, and *Science Papers*, p. 355.)
A valuable contribution to the literature of manna, evidencing laborious research and an intimate acquaintance with the subject treated. Another paper, "On Calabrian Manna," by the same author (*Pharm. Journ.*, 1872, p. 421), contains an interesting record of his original observations in Calabria.

Manna of Scripture.

1694. OUTHOV, G. Exercitatio de Manna Israëliitarum. Groningæ, 4to.
1695. MUSÆUS, A. Manna Israëliitarum coelitus delapsa, differens ab omnibus Mannæ naturalis speciebus. Diss. phil. theol. philosophica. Hafniæ, 4to.
1706. MAJUS, J. H. Diss. de Manna duplici ex Scripturæ et naturæ libro occasione. Giessæ, 4to.
1743. HÖYBERG, W. *Diss. de cœlesti illo cibo Man dicto e Exod., xvi. Resp. F. Rossingius. Hafniæ, 4to, pp. 16. *Bibl. Banks.*
1744. WILHELM, H. DE. Diss. de Manna *κεκρυμμενη*. Lugd. Bat. 4to, pp. 43. *Bibl. Banks.*
1756. PONTOPPIDAN, J. *De Manna Israëliitarum. Resp. E. Lindegaard. Havniæ, 4to. *Bibl. Banks.*
1860. O'ROKKE, —. Recherches sur la Manne des Hébreux. (Ex *Recueil des travaux de la Soc. d'Emulation pour les Sci. Pharmaceutiques*, iii.) Paris? 8vo, pp. 16.
1868. GILBERT, E. Œuvres diverses...suivies d'une dissertation sur la Manna du désert. Moulins, 8vo.

MASTIC. MASTICHE.

Pistacia Lentiscus, Linn.

1628. STROBELBERGER, J. S. Mastichologia seu de universa Mastiches natura diss. medica in qua et arboris Lentisci et nobilissimi ejus gummi-resinæ Mastiches, nomenclaturæ, descriptiones, loci natales, culturæ, qualitates, varietas, dignitas, electio, probatio, collectio, æstimatio, succedanea, utilitas ac inde parata medicamenta officinalia magistralia et artificialia describuntur. Lipsiæ, 8vo, pp. 109. *Bibl. Med.-Chir. Soc.; Acad. Edin.*
Lentiscum hactenus per singulas partes describit. Inde varia ex lentisco medicamenta recensit, &c...In mastiche immoratur, cam in Italia parce provenire adnotat, bonas notas addit, et colligendi modum, et demum medicamenta varia, quæ mastiche ingreditur.—*Haller, Bibl. Bot.*, i, p. 425.

MASTRANZO.

1860. GALDO, M. J. DE. Breve historia del Mastranzo, planta preconizada como uno de los especificos para combater el Colera morbo. Madrid, 4to, pp. 24.

MATICO.

Leaves of *Artanthe elongata*, Miq.

1844. JEFFREYS, T. Remarks on the efficacy of Matico as a styptic and astringent. Second ed. Liverpool, 8vo, pp. 37. Third ed. London, 1845. *Bibl. Lond. Pharm. Soc.*

It was through the medium of this brochure that the styptic powers of matico were first brought prominently to the notice of the profession in Great

Britain, but attention to it was called at a meeting of the Med.-Botanical Society of London, May 11th, 1827, when Mr. E. Handfield read a paper on a specimen of a plant called Mattica, presented by Mr. Hartshorne, of Chelsea Hospital. Several experiments on animals illustrating its styptic operation are mentioned in this communication.

M'BOUNDOU.

1870. PEYRI, E. T. *Recherches sur les effets toxiques du M'boun-dou (poison d'épreuve du Gabon). Paris, 4to.

For an account of this article, a poisonous root of the Gaboon, see *Brit. Med. Journ.*, August 27th, 1870.

MECHOACAN ROOT.

Root of *Ipomœa Jalapa*, Pursh.

1568. DONATI, M. De Mechoacanna liber. Mantuæ, 4to. Gallice cum titulo "De l'admirable vertu de la racine de Mechoacan proprement nommée Rhaindice, traduit par P. Tolet," Lyon, 1562, 8vo.

Bibl. Med.-Chir. Soc.; Radcliffe.

Ad practicos usus.—*Haller, Bibl. Bot.*, i, p. 341.

1570. MONARDES, —. Vide "Tabacum," 1570.
1587. DURANTE, C. Tractatus de usu radicis et foliorum Mechoacan. Antwerp, 8vo. *Bibl. Bodleian.*
1587. EVERARTUS, ÆGIDIUS. De usu et praxi radicis Mechoacana ex Hispania nova Indiæ Occidentalis nuper allatæ.

Antwerp, 12mo.

This and other tracts by the same author are appended to his work 'De Herba Panacea,' &c. Vide "Tabacum," 1583.

1595. GUARGUANTUS, H. Opuscula tria... 2 De Mechioacani Radice. Venetiis, 4to. *Bibl. Coll. Phys. Edin.*
Vide "Jalapæ Radix."

MEL.

Honey.

1625. HARTUNG, V. De Melle, &c. Vide "Lac," 1625.
1666. LANGIUS, —. De Melle ferculeo hygieiæ sacro. (*Miscell. Cur. Med.*) Lipsiæ, 4to.
1691. MOELLER, G. C. Diss. de Melle. Jenæ, 4to.
1711. EWALDT, B. Diss. de sanitate per Mel et oleum conservanda. Regiomonti, 4to.
1717. DUCERF, C. An senibus Mel? Resp. C. Delavigne. Paris, 4to.
1720. DEPRÉ, J. F. Diss. de quinta essentia regni vegetabilis sive de Melle, vom Honig, &c. Erfordiæ, 4to, pp. 31. *Bibl. Banks.*
1724. MEL, F. P. Mel saccharo præstantius. Altdorfii, 4to.
1738. LANZONI, J. De Mellis præstantia et ejus usu apud veteres. (Redit in ejus *Opera Omnia*, vol. iii.) Lausannæ, 4to.
1759. (Anon.) The virtues of Honey in preventing many of the worst disorders. London, 8vo. *Bibl. Med.-Chir. Soc.*

1763. VENTURI, A. De Mellis origine et usu. Venetiis, 8vo.
1771. MARTINUS, A. T. *De Melle (in *Wasserberg*, Fasc. iv, pp. 37).
Gnoponti, 4to. *Bibl. Acad. Edin.*
1805. FERRARA, F. Mem. sopra il Mele Ibleo e l'antica città di
Ibla Magara, &c. Palermo, 4to.
Ueber den Honig des Berges Hybla.—*Callisen*, vi, p. 242.
1810. FRIER, —. Recueil de Lettres, &c....4. Sur la manière de
varier les vertus médicamenteuses du Lait et du Miel.
Grenoble, 8vo.
1856. HOUDBINE, J. M. *Thèse sur le Miel. Paris, 4to.
1868. DE WERCHIN, —. Du Miel Phénique. *Vide* "Carbolic
Acid," 1868.

MELISSA OFFICINALIS, Linn.

Common Balm.

1730. SCHULZE, J. H. *De Melissa. Resp. G. D. Reuss.
Halæ, 4to, pp. 20. *Bibl. Linn. Soc.*; *Radcliffe* (*sub nom.* Reuss).
Oleum dat æthereum ex seminibus etiam optium. Aquæ plantæ immat-
uræ odorata est, absque oleo.—*Haller*, *Bibl. Bot.*, i, p. 145.
1864. SCHILLING, J. A. Die Münzen und Melissen insbesondere
als vorzügliche Haus- und Heilmittel gegen Hypochondrie und
Hysterie, &c. Augsburg, 12mo.

MELOE MAJALIS, Linn.

The Mayworm.

1778. SCHLEFFER, J. C. Abbildung und Beschreibung des Mayen-
wurmkäfers, als eines zuverlässigen Hilfsmittels wider den tollen
Hundsbiss. Regensburg, 4to, pp. 20, tab. col. i. *Bibl. Banks.*
1781. FRITSCH, —. Geschichte der Hundswuth, sammt den
Beobachtungen über die Wirkungen der Meloés majales, &c.
Wien, 8vo.
1783. UNGNAD, C. S. Der Maiwurm ein Mittel wider den tollen
Hundsbiss, &c. Züllichau, 4to.
1783. SCHWARTZ, C. *De Hydrophobia ejusque specifico Meloë
majali et proscarabæa. Præs. J. C. Kemme. Halæ, 8vo, pp. 36.
1788. DEHNE, J. C. C. Versuch einer vollständigen Abhandlung
dem Maywurme und dessen Anwendung gegen die Wuth und
Wasserscheu, &c. Leipzig, 2 vols. 8vo. *Bibl. Banks.*

MENTHA PIPERITA, Linn.

Peppermint.

1665. ANDLA, A. AB. Epistola de natura et viribus Menthæ.
Rotterdam, 8vo.
1767. LAURIN, C. G. *Diss. de Menthæ usu. Præs. C. Linnæus.
Upsaliæ, 4to, pp. 11. *Idem* in *Amæn. Acad.*, vii, p. 282.
Bibl. Linn. Soc.; *Banks.*
The concluding sentence of this thesis shows the exaggerated opinion the

author entertained of this article. "Hinc ut opinor egregius plane Menthae usus patet in hysteria, colica, menorrhagia, bubonibus mammarum, leucorrhœa, surdidate, calculo, asthmate, vomitu, tussi convulsiva, et quod humores solvat, lactis coagulationem impediat; emmenagogum sit, stomachicum, ructans, antaphrodisiacum vulneratis noxium, ac somnum arcens"!

1780. KNIGGE, T. *De Mentha Piperitide commentatio botanico-medica. Erlangæ, 4to, pp. 40, tab. i.
Bibl. Linn. Soc.; Banks; Coll. Surg. Lond. (1770?)
1864. SCHILLING, J. A. Die Münzen gegen Hypochondrie und Hysterie. *Vide* "Melissa," 1864.
1868. ROZE, L. La Menthe Poivrée, sa culture en France, ses produits, falsifications de l'essence et moyens de la reconnaître. Paris, 12mo, pp. 48.
1874. DELIoux DE SAVIGNAC, —. L'Essence de Menthe et ses propriétés antalgiques. Paris, 8vo, pp. 10.

MESEMBRYANTHEMUM CRYSTALLINUM, Linn.

Ice Plant.

1785. LIEB, J. W. F. Die Eispflanze (*Mesembryanthemum crystallinum*, L.) als ein fast spezifisches Arzneymittel empfohlen. Hofrath, 8vo, pp. 16. *Bibl. Banks.*
 The ice plant lauded as a cholagogue and diuretic. See *Duncan's Med. Commentaries*, xii, 1788, p. 135.

MENYANTHES TRIFOLIATA, Linn.

Buckbean, Marsh Trefoll.

1700. SCHROEB, J. C. *Scrutinium medicum de natura et viribus Trifolii fibrini.* Gubensæ, 8vo.
1701. FRANKE vel FRANCUS, J. *Trifolii fibrini historia selectis observationibus et perspicuis exemplis illustrata.* Francofurti, 8vo, pp. 64. *Bibl. Banks.*
 Descriptio, vires medicæ multis experimentis confirmatæ, ad capitis dolores, infarctus pulmonum, icterum, alia mala.—*Haller, Bibl. Bot.*, i, p. 635.
1716. EYSEL, J. P. **Trifolium fibrinum.* Resp. C. F. Friese. Erfordisæ, 4to, pp. 20. *Bibl. Banks.*
1718. BOKELMANN, J. F. **De Trifolio paludoso seu fibrino.* Lugd. Bat. 4to, pp. 13. *Bibl. Banks.*
1724. ELFWING, P. **De Trifolio aquatico.* Resp. L. Brodin. Aboæ, 8vo, pp. 29. *Bibl. Banks.*
1797. KIELLMAN, C. J. **Diss. de usu Menyanthidis trifoliatæ.* Præsid. C. P. Thunberg. Upsalisæ, 4to (in *Thunberg's Diss. Upsal.*, i, p. 201). *Bibl. Linn. Soc.; Coll. Surg. Lond.*

METHYLENE, Bichloride of.

1867. RICHARDSON, B. W. On Bichloride of Methylena as a general anæsthetic. (Ex. in *Med. Times and Gaz.*, vol. i, 1867, pp. 423, 479, 559, 693.)

A full and able exposition by its discoverer, of the bichloride of methylene, its properties and uses.

1869. FOURDES et HEPPE. Essai d'une nouvelle anesthésique, le Bichlorure de Méthylène. Strasbourg, 8vo, pp. 16.
1871. ROSSI, P. Risultamenti ottenuti nella Scuola di Chirurgia della regia Università di Padova collo Biclورو di Metilene quale anestetico generale. Padova, 8vo, pp. 15.

The author gives an accurate account of the discovery of the bichloride of methylene by Richardson in 1867, and its first employment in a surgical operation by Mr. Spencer Wells, in November of the same year. Since July, 1868, we are informed it has entirely replaced chloroform and ether as a general anæsthetic in the University of Pavia. In minor operations, however, local anæsthesia by ether spray is preferred. Due praise is awarded in this pamphlet to Mr. Spencer Wells.—*Medical Times and Gaz.*, Aug. 19th, 1871, p. 234.

MIKANIA GUACO, Humb. et Bonpl.

Guaco or Huaco.

1832. PERRYEA, E. L. Essais faits à Bordeaux de la plante Huaco dans le traitement du Cholera morbus. Paris, 8vo, pp. 68, tab. i. Spanish transl. by J. R. Pacheco, Paris, 1833, 8vo, pp. 51, tab. i. *Bibl. Med.-Chir. Soc.*

1844. PETTENKOFER, M. *Ueber die Mikania Guaco. München, 8vo, pp. 42.

1853. CHABERT, J. L. Du Huaco et de ses vertus médicinales. Paris, 8vo, pp. 128.

Has especial reference to the employment of guaco as a remedy in cholera.

1861. PASCAL, N. Du Guaco, et des effets prophylactiques et curatifs dans diverses formes des Maladies Vénériennes. Paris, 8vo, pp. 24.

1863. PASCAL, N. Du Guaco et des effets prophylactiques et curatifs dans les Maladies Vénériennes. Influence de l'alcoolé du Guaco dans le pansement des plaies gangréneuses, pseudo-membraneuses, du phlegmon diffus, des ulcères variqueux, &c. Paris, 8vo, pp. 40.

1868. BONNIÈRE, A. Notice sur le Guaco et ses préparations hygiéniques et pharmaceutiques; résumé complet des travaux publiés sur cette plante depuis Mutis (1787) jusqu'à nos jours. Paris, 18mo, pp. 80.

MILLEFOLIUM. Vide "Achilles Millefolium."

MOLYBDENUM.

1825. GMELIN, C. G. Versuche über die Wirkung. des Baryts...
Molybdäns, &c., auf d. thierisch. Organismus. Tübingen, 8vo.
Bibl. Coll. Surg. Lond.
See *Edin. Med. Surg. Journ.* xxvi, 1826, p. 134. Vide "Metals," 1825.

MOMORDICA BALSAMINA, Linn.

Balsam Apple, Cerasee.

1719. SLEVOGT, J. A. *De Momordica. Jenæ, 4to, pp. 12.
Bibl. Banks.
1720. FRANKE vel FRANCUS, J. Thappuah Jeruschalmi, seu Mo-
mordicæ descriptio medico-chirurgico-pharmaceutica, &c.
Ulmsæ, 8vo, pp. 76, tab. i. *Bibl. Med. Soc. Lond.; Banks.*
De figuris auctororum (ubi male ait momordicam a Rivino depictam qui eam
classam non adtigit). Laudat potissimum oleum infusum ad ulcera et ambusta.
—Haller, *Bibl. Bot.*, i, p. 635.

MONESIA.

Bark of Chrysophyllum Buranheim, Riedel.

1839. DEROSNE, B., et HENRY, O. Tableau synoptique présentant
l'essai analytique, l'indication de quelques préparations pharma-
ceutiques et les propriétés médicinales d'une substance végétale
nouvellement importée de l'Amérique du Sud et connue sous le
nom de Monesia. Paris. Un grand tableau in folio.
Wonderful virtues are ascribed by the author to this substance. Scrofulous
affections generally, hæmoptysis, phthisis (!), debility of the stomach, diar-
rhœa, leucorrhœa, menorrhagia, blenorrhagia, purulent ophthalmia, hæmor-
rhoids and ulcers, are amongst the affections in which it is chiefly lauded.
See *Med.-Chir. Rev.*, July, 1840, p. 174. For a short abstract of this work
see *Dublin Med. Journ. Sci.*, xviii, 1841, p. 127 *et seq.* Beyond being an
astringent it has no special virtues; it has fallen into disuse.
1841. DEROSNE, B., HENRY, O., et PAYEN, J. T. Examen chimique
et médical de Monesia. Paris, 8vo, pp. 64.
This analysis is reproduced by Pereira, *Mat. Med.*, vol. ii, p. i, p. 692.

MONNINA POLYSTACHYA.

1805. RUIZ, H. Memoria de las virtudes y usos de la raíz de la
planta llamada Yallhoy (Monnina polystachya) en el Perú.
Madrid, 4to, pp. 35, tab. 4.

MORPHIA.

Including the Acetate Hydrochlorate and other Salts.

1820. HOPPE, J. G. *Diss. de Morphio et Acido Meconico.
Lipsiæ, 4to, pp. 25. *Bibl. Coll. Surg. Lond.*

1822. MAGENDIE, F. Formulaire pour la préparation et l'emploi de la Noix Vomique, la Morphine, &c. Paris, 8vo. English transl. by C. T. Haden, London, 12mo, 1823. Appendix to ditto by Dunglison, 1824. German transl. by G. Kunze, Leipzig, 8vo, 1822 and 1831. *Bibl. Med.-Chir. Soc.*
1823. STRATINGH, S. Scheikundige verhandeling over de Morphine, en andere hoofdbestanddeelen des Opiums, &c. Gröningen, 8vo, pp. 186. *Bibl. Roy.*
1823. MONTMAHON, E. S. DE. Considérations médico-légales sur une accusation d'empoisonnement par l'Acétate de Morphine. Paris, 8vo, pp. 55. *Bibl. Coll. Surg. Lond.*
For this author's further researches on morphia poisoning see his *Manuel Médico-légal des Poisons*, Paris, 1824.
1824. DEGUISE, DUPUY et LEUBET, MM. Recherches et expériences sur les effets de l'Acétate de Morphine. Paris, 8vo. *Bibl. Coll. Surg. Lond.*
1824. VASSAL, P. G. Considérations médico-chimiques sur l'Acétate de Morphine, suivies d'analyses, &c., par Dublanc jeune. Paris, 8vo, pp. 112. *Bibl. Coll. Surg. Lond.*
1824. DESPORTES, E. H. Recherches expérimentales sur l'empoisonnement lent par l'Acétate de Morphine. Paris, 8vo, pp. 16
1825. HENELLE, —. *Diss. sur le principe de Derosne et la Morphine. Paris, 4to.
1825. NIELAND, J. J. *Diss. sistens Opii et Morphini effectum comparisonem. Berol. 8vo, pp. 54.
1826. POLLI, A. *De Morphine usu in oculorum morbis. Patavii, 8vo, pp. 15.
1827. LEVASCHER DE BOISVILLE, F. S. *Diss. sur la Morphine ou principe actif de l'Opium. Paris, 4to.
Callisen assigns 1817 as the date of this thesis, but I have thought it advisable to retain that (1827) given by Mérat and De Lens, as being probably the more correct of the two.
1828. KINDSCHER, F. L. E. *De Morphio. Berol. 8vo, pp. 23.
1828. RICCOTTI, M. Saggio d'osservazioni sull' Acetato di Morfino. Voghera, 8vo, pp. 212. *Bibl. Coll. Surg. Lond.*
1830. BARDSLEY, J. L. Hospital Facts and Observations; on Strachnia, Acetate of Morphia, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*
1830. ROBERTSON, M. On the medicinal effects of the salts of Morphia, with the method of preparing them. Edin. 8vo. *Bibl. Med. Soc. Edin.*
See also *Edin. Med. Surg. Journ.*, xxxvii, 1832, p. 278—293.
1832. CHEYNE, G. *De actione Morphine. Edin. 8vo. *Bibl. Manchester Med. Soc.*
1836. RAY, E. *Réflexions sur le Rhumatisme Articulaire et sur l'emploi de l'Hydrochlorate de Morphine d'après la méthode endermique, &c. Montpellier, 8vo.

1837. LECONTE, J. M. *Emploi thérapeutique du Chlorhydrate de Morphine. Paris, 4to.
1838. KOSTIN, E. VON. Ueber das essigsäure Morphinum, dessen Wirkung und Anwendung am Krankenbette und seine Bereitungsart. München, 8vo, pp. 20.
1840. BUGGE, F. W. *De Morphio. Berol. 8vo, pp. 29.
1843. ROUGIER, L. A. De la Morphine administrée par la méthode endermique dans quelques Affections Nerveuses. Lyon, 8vo, pp. 191. *Bibl. Med.-Chir. Soc.*
1845. POMA, F. Preparazioni del Sulfato di Morfina, della Morfina pura, dell' Acetato di Morfina e della Narcotina. Gallarate, 8vo.
1856. SMITH, E. On the efficacy of small doses of Morphia as opposed to the use of expectorants in the treatment of Hooping Cough, Chronic Bronchitis, and Phthisis. (*Ex Edin. Med. Journ.*, vol. 1, 1856, p. 1001.) Edin. 8vo. *Bibl. Med.-Chir. Soc.*
1857. FORDOS, J. Dosage de la Morphine dans l'Opium. Paris, 8vo, pp. 7.
1858. BERTHÉ, —. Examen critique des divers procédés qui ont été proposés pour doser la Morphine de l'Opium. Paris, 8vo, pp. 10.
1861. LEFORT, J. Études chimiques et toxicologiques sur la Morphine, suivies d'observations sur son passage dans l'économie animale. Paris, 8vo, pp. 24.
1869. TERSON, —. Des Injections sous-cutanées de Morphia dans les Affections douloureuses des Yeux. Toulouse, 8vo, pp. 11.
1871. BOECK, H. VON. Untersuchungen über die Zersetzung des Eiweisses im Thierkörper unter dem Einflusse von Morphinum, Chinin und arsen. Säure. München, 8vo, pp. 52.
1872. LAWSON, H. Sciatica, Lumbago, and Brachialgia; their nature and treatment, and their immediate relief and rapid cure by hypodermic injection of Morphia. London, 8vo, pp. 200.
- The book is divided into ten parts; the first seven are devoted to sciatica and its treatment, the eighth and ninth to lumbago and brachialgia, and the tenth to a sketch of the literature of these subjects. The work commends itself not only by its great practical value and pleasant style but also by the wholesome absence of wild hypothesis. Although all plans of treatment are discussed, the true and almost the only remedy for sciatica—the hypodermic injection of minute quantities of morphia—is especially dwelt upon. To this mode of treatment the author owes his own cure, and he dwells on it with a natural gratitude. All he writes on this part of the subject is expressed with a care and earnestness which carry authority, and the sixteen cases (including his own) which are appended bear the strongest testimony in favour of morphia thus administered.—*Brit. and For. Med.-Chir. Rev.*, July, 1872, p. 152—155.
1872. CROMBIE, J. M. A new and easy method for the Subcutaneous application of Morphia, without the pain, risk, and expense of the hypodermic syringe. London, 8vo, pp. 16.
- "This new and easy method" consists in "the use of small threads coated with the requisite quantity of morphia, which are inserted by means of fine

needles into a fold of skin pinched up between the finger and thumb. Theoretically, the plan is ingenious and excellent. The practical difficulty that we would fear is the risk of the morphia either not getting to the wound by being rubbed off the thread or being so well incorporated with the thread as not to be dissolved out of it during the time it is retained, which is to be from three to five minutes."—*Edin. Med. Journ.*, December, 1873, p. 551.

1873. KRATSCHMER, — Über Zucker- und Harnstoffausscheidung beim Diabetes mellitus unter dem Einflusse von Morphinum, kohlen-sauren, und schwefelsauren Natron.
Wien, 8vo, pp. 60, chromo-lith. tab. i.
1874. VOISIN, A. Du traitement curatif de la Folie par le Chlorhydrate de Morphine.
Paris, 8vo, pp. 54.
1875. BENNETT, J. H. On the Antagonism between Meconate of Morphia and Calabar Bean, Sulphate of Atrophia, Theine, Caffeine, Guaranine, Infusion of Tea, and Infusion of Coffea. See "Medicines, Properties of," 1875.
1875. VOISIN, A. Traitement de la Folie par les injections sous-cutanées d'Acétate et de Chlorhydrate de Morphine tel qu'il est pratiqué à Illenau.
Paris, 8vo, pp. 12.
See also "Opium."

MORRHUÆ OLEUM. OLEUM JECORIS ASELLI.†

Cod-Liver Oil.

1826. REDEB, A. A. *De Oleo Jecoris Aselli.
Rostochii, 8vo, pp. 24.
1826. SPARMAAN, C. F. *De Oleo Jecoris Aselli.
Rostochii, 8vo, pp. 31.
1826. ELBERLING, C. G. *De Oleo Jecoris Aselli.
Berol. 8vo, pp. 29.
1827. POTEMPA, A. *Diss. de Oleo Jecoris Aselli.
Lipsiæ, 8vo, pp. 40.
1831. WEBER, F. *De Oleo Jecoris Aselli. Ratisbonæ, 8vo, pp. 31.
1832. GALAMA, S. J. Verhandeling over de Levertraan.
Utrecht, 8vo.
1835. BREFELD, F. Der Stockfisch-Leberthran in naturhistor-chem-pharmac. Hinsicht, besondere über seine Heilwirkungen in rheumatischen und scrophulösen Krankheitsformen.
Hamm, 8vo, pp. 164.
1837. GOUZÉE, H. P. Observations sur l'emploi et les usages thérapeutiques de l'Huile de foie de Raie et de Morue.
Bruxelles, 8vo.

† In the *London Medical Gazette*, January 5th, 1839, p. 527, in 'Stray Notes from Berlin,' is an article headed thus:—"OLEUM MORRHUÆ or OLEUM JECORIS ASELLI—OIL OF THE LIVER OF THE ASS"!!! and the erudite correspondent says further that it is unknown to what ingredient "Ass's-Liver Oil" owes its efficacy, but by some it is supposed to be to a small quantity of creasote!!

1840. LUDWIG, C. *De Olei Jecoris Aselli partibus efficacibus.
Marburgi, 8vo, pp. 48.
1841. BENNETT, J. HUGHES. Treatise on the Oleum Jecoris Aselli
or Cod-Liver Oil as a therapeutic agent in Gout, Rheumatism,
and Scrofula. London, 8vo, pp. 180. *Bibl. Med.-Chir. Soc.*
The first notice of cod-liver oil as a remedy in chronic rheumatism is in a
communication from Dr. T. Percival, read to the Medical Society, Oct. 7th,
1782, to which is appended a letter from Dr. Robert Darbey, of Manchester,
dated Feb. 12th, 1782, giving an account of its accidental introduction into
the Manchester Infirmary about ten years previously. Both letters are in
the *London Medical Journal*, iii, 1783, pp. 392—401. It never, however,
seems to have come into general use, and little attention was paid to it until
after the publication of the above work by Professor J. Hughes Bennett, to
whom is due the credit of procuring for it a high place amongst the articles
of the *Materia Medica*. "In this work the author has brought together a
great mass of evidence from German and other Continental sources as to its
value as a therapeutic agent, and to this he has added a large number of
illustrative cases. It is a very meritorious brochure, evincing great assiduity
and research."—*Med.-Chir. Rev.*, April, 1843, p. 470.
1842. HIRTZ, A. *Emploi thérapeutique de l'Huile de foie de
Morue.
Strasbourg, 4to.
1842. KLENCKE, P. F. H. Der Leberthran als Heilmittel, auf
Grundlage vielfacher Thatsachen und Versuchen an Thieren, vom
physiologisch-pathologischen Standpunkte dargestellt.
Leipzig, 8vo, pp. 127.
Although professedly an inquiry into the therapeutical merits of cod-liver
oil, yet it actually proves to be rather an incidental and secondary one, the
physiological disquisitions on digestion being the principal both as regards
the attention and space allotted to them.—*Brit. and For. Med. Rev.*,
October, 1842, p. 442.
1842. PANCK, E. Beobachtungen über den Leberthran, besonders
in seiner Anwendung gegen scrophulöse Krankheitsformen. (Ex.
in *Zeitschrift für die gesammte Medicin*, xx, part iii, 1842.)
Hamburg, 8vo, pp. 41.
Adduces strong testimony in favour of this remedy in a variety of diseases,
but chiefly in those of a strumous character...a useful practical dissertation,
without containing anything very new or calling for particular notice.—*Brit.
and For. Med. Rev.*, October, 1842, p. 445.
1843. GODEFROI, M. J. De Levertraan als huismiddel.
Hertogenb. 8vo.
1843. PETSCH, C. A. *De usu Olei Jecoris Aselli in Morbis Ossium
cum observationibus de spondylarthrocace cervicali rheumatica.
Fontibus Mattiacorum, 8vo, pp. 38.
1843. JONGH, L. J. DE. Disquisitio comparativa chemico-medica de
tribus Olei Jecoris Aselli speciebus. Lugd. Bat. 8vo. English
transl. by Dr. E. Carey, 1849, London, 8vo, pp. 176. Dutch
transl. ? Gravenhorst, 1848, 8vo. (*Vide* "1853.")
Bibl. Med.-Chir. Soc.
1846. MEESSEN, L. De la Phthisie Pulmonaire, &c...ainsi que sur
l'emploi du Lichen d'Island, de l'Huile de foie de Morue, &c.,
dans cette maladie. Gand, 12mo.

1849. First Medical Report of the Hospital for Consumption and Diseases of the Chest, Brompton. London, 8vo.

Bibl. Med.-Chir. Soc.

An interesting document, containing the clearest evidence of the value of cod-liver oil in consumption. The medical officers of the institution, Drs. Hamilton Roe, Theophilus Thompson, G. Cursham, R. P. Cotton, R. Quain, and J. Bowie, thus express themselves in reference to the medicinal properties of cod-liver oil:—"From these facts, and a more extended experience since the period at which this report terminates, no other conclusion can be drawn than that cod-liver oil possesses the property of controlling the symptoms of pulmonary consumption, if not of arresting the disease to a greater extent than any other agent hitherto tried." (p. 41).

1849. RAYNER, J. Cod-Liver Oil; its uses, mode of administration, &c. London, 12mo, pp. 16.

This pamphlet is simply a notice of the therapeutic value of cod-liver oil, the diseases in which it has been employed, and the authorities by whom it has been recommended.—*London Med. Gazette*, July 19th, 1850, p. 160.

1850. TURNBULL, J. An inquiry how far Consumption is curable, with observations...on the use of Cod-Liver Oil and other remedies. Second ed. London, 8vo, pp. 106.

Bibl. Med.-Chir. Soc.

A useful treatise, containing clinical information on the comparative value of several remedies, and, above all, of cod-liver oil; the histories of thirteen cases of phthisis, treated with it, are subjoined.—*Edin. Med. Surg. Journ.*, lxxiv, p. 201.

A modest unpretending volume, which is conceived and executed in a right philosophical spirit and constitutes a really valuable addition to the literature of consumption.—*Brit. and For. Med.-Chir. Rev.*, January, 1851, p. 175.

1850. ESCALIER, Dr. Diss. sur l'emploi de l'Huile de foie de Morue dans quelques affections chroniques (scrofules, phthisie pulmonaire, &c.). Paris, 8vo.

1851. PERRIN, M. C. *De l'Huile de foie de Morue, et de ses effets dans la Phthisie pulmonaire. Paris, 4to, pp. 42.

1852. HOMOLLE, A. Rapport fait à la Société Médico-pratique sur la question de prix pour l'année 1852, de l'Huile de foie de Morue et de son usage en médecine. Paris, 8vo, pp. 40.

1853. DE JONGH, L. J. L'Huile de Foie de Morue, envisagée sous tous les rapports comme moyen thérapeutique, &c.

Paris, 8vo, pp. 257.

"Our opinion of Dr. de Jongh's work may be thus briefly summed up. We consider it a very complete monograph on the subject, and also that the views of the various authors are fairly stated. We regard his analyses of the different varieties of oil as valuable, inasmuch as they put us in possession of many important data in reference to its chemical constitution; but at the same time we unhesitatingly affirm that some of the conclusions which he has drawn are not warranted by the analyses themselves; and the same applies with greater force to the deductions from the therapeutic data." These remarks apply solely to the above work, and not to a small pamphlet on the same subject professedly by Dr. de Jongh; in it gross errors and misstatements are put forth.—*Brit. and For. Med.-Chir. Rev.*, January, 1856, p. 26.

1853. PERSONNE, J. Recherches sur les Huiles de foie de Morue et leur substitution par l'huile Iodée. Paris, 8vo, pp. 16.
1853. TAUFFLIEB, E. De l'huile de foie de Morue et de son usage en Médecine. Paris, 8vo, pp. 96. Ouvrage couronné. See also "Dubois," 1861, *infra*.
In the works of Taufflieb and De Jongh will be found an excellent *résumé* of the class of cases, with examples, in which cod-liver oil has proved most beneficial.—*Edin. Monthly Journ. of Med. Sci.*, April, 1853, p. 321.
1853. MEYER, F. *De Oleo Jecoris Aselli. Kiliae, 8vo, pp. 13.
1854. THOMAS, E. A. *De l'Huile de foie de Morue. Paris, 4to, pp. 40.
1855. HOGG, T. P. Étude pharmaceutique et médicale sur l'Huile de foie de Morue. Paris, 8vo, 2nd ed. ? 1856.
1855. MALMSTEN, P. H. Om Oleum Jecoris Aselli, &c. Stockholm, 8vo, pp. 8.
1856. BERTHÉ, —. Des Huiles de foie de Morue médicinales et des raisons qui militent en faveur de l'emploi thérapeutique de l'huile brune. Paris, 8vo, pp. 16.
1856. HOGG, T. P. Étude sur l'Huile de foie de Morue naturelle, ou du meilleur procédé d'extraction de cette substance destinée aux usages de la médecine. Paris, 8vo, pp. 116.
1856. COLLAS, A. Note sur l'emploi médical et chirurgical de l'Huile de foie de Requin. Paris, 8vo.
1857. DERNAS, E. *De l'Huile de foie de Morue considérée au point de vue thérapeutique. Montpellier, 4to, pp. 30.
1858. JACQUEMENT, —. Premier Mémoire sur l'Huile de foie de Morue ferrugineuse. (*Ex Gaz. Méd. de Lyon.*) Lyon, 8vo, pp. 8.
1860. WILLMOTT, W. B. Glycerine and Cod-Liver Oil, their history, introduction, and therapeutic value. *Vide* "Glycerine."
London, 12mo, pp. 197.
In the latter portion of the work the author enters into the consideration of cod-liver oil, its history, manufacture, and medicinal uses. He states at length the opinions as to its *modus operandi* entertained by numerous writers, and wisely abstains from propounding any theory of his own.—*Medical Times and Gaz.*, October, 1860, p. 361.
1861. DUBOIS, F. De l'Huile de foie de Morue et de ses succédanés. Tournai et Paris, 8vo, pp. 296.

In 1853 the Academy of Medicine of Paris offered a prize for the best essay on the therapeutic uses of cod-liver oil. This was awarded to Dr. Taufflieb (*antè*), but high encomiums were passed on the essay of Dr. Dubois, which ranked next on the list; this, enlarged, constitutes the present work. The first part consists of an historical account of the advantages derived from the use of fatty substances, and their physiological effects upon the system. The second part treats of the preparation, uses, &c., of cod-liver oil; and the third of a study of its substitutes. The author considers it established by numerous experiments that in rickets and caries of the bones vegetable oils, especially poppy oil, sometimes prove as efficacious as cod-liver oil itself. With regard to the varieties of cod-liver oil, he thinks that one should be selected which is the least disagreeable to the palate of the patient, as being most likely to be easily assimilated, and hence prove most beneficial.—*Journ. Pract. Med.*, English ed., 1861, p. 283.

1861. LE THIÈRE, —. Communications pratiques, particulièrement sur l'emploi thérapeutique de la poudre d'Huile de foie de Morue. Paris, 8vo, pp. 31.
1861. E. E. A. On Ozonized Cod-liver Oil. Second ed. London. *Bibl. Manchester Med. Soc.*
1863. DESPONT, E. Traitement de l'Héméralopie par l'Huile de foie de Morue à l'intérieur. Paris, 8vo, pp. 63.
1864. GOURBEIL, J. Héméralopie endémique des pays chauds, à bord des navires, ... traitement par l'Huile de foie de Morue à l'intérieur. Rochefort, 8vo, pp. 11.
1864. LUMIER, L. Formole per l'amministrazione dell' Olio di Fegato di Merluzzo e delle preparazioni bromo-iodurate, comunicate e tradotte del Cav. G. Sannicola. Naples, 8vo.
1864. BAZZONI, C. Sul valore terapeutico dell' Olio di Fegato di Merluzzo. Milan, 8vo.
1869. COURVAL, O. DE. Remarques sur le traitement topique de la Carie par l'Huile de foie Morue blonde et l'essence térébinthine. Paris, 8vo, pp. 32.
1869. LAUGIER, B. *Des indications thérapeutiques de l'Huile de foie de Morue. Montpellier, 4to, pp. 42.
1870. DESPINOY et GAVBEAU, MM. Des eaux et des extraits de Foie de Morue et de leurs propriétés médicinales. Paris, 8vo, pp. 32.

MOSCHUS.

Musk.

1585. ALBERTUS, S. *Orationes tres...2. De Moschi natura et efficacia. Norimbergæ, 12mo. *Bibl. Med.-Chir. Soc.; Banks.*
1594. ALBERTUS, S. Oratio de Moscho. Wittembergæ, 4to.
1613. —. Tractatus novi varii. 1. D. ULTRALÆI, Tr. an Puerperæ liceat exhibere Moschum. 2. C. HERLS, Examen ejus tractatus. 3. P. LANSBERGII, Disputatio epistolaris cum Middleburgensibus de Moscho. 4. C. HERLS, Responsio ad apologiam J. Lambergii pro suo parente et Ultralæo. 5. H. SMALLEGRANGE, Examen quæstionis an Puerperæ Moschum exhibere possit. 6. Medicorum Middleburgensium epistola apologetica. Middleburgii, 8vo.
- Some of these tracts, all having reference to the use of musk in the puerperal state, appear to have been published separately. See *Haller, Bibl. Med. Pract.*, ii, p. 432.
1628. PUTEO, Z. à. Hist. de Gumma Indica, &c.... An in hystericis affectibus odorata, nempe Muscum et Ambram per os exhibere conveniat. Venetiis, 4to. *Bibl. Med.-Chir. Soc.*
1667. SOHENCK, T. *Exercitatio de Moscho. Resp. L. Schroeck. Jenæ, 4to, pp. 89, cum fig. *Bibl. Banks.*

1682. SCHROECK or SCHRÖCKIUS, L. *Historia Moschi*. August. Vindelic. 4to, pp. 224, plates.

Bibl. Linn. Soc. ; Coll. Phys. Edin.

An elaborate essay, divided into forty-seven chapters, in each of which musk is considered from so many different points of view. Although bearing evidence of laborious research, much of the information contained in it is apocryphal and obsolete.

1750. GMELIN, P. F. (?) *Diss. de specifico antidoto novo adversus effectus morsus canis rabidi*. Tubingæ, 4to.

The new specific antidote here proposed is musk.—*Ploucquet*.

1755. MORANDI, M. *Della cura preservativa della Rabie canina*. Loc. ? 8vo.

In favour of the powers of musk.

1764. DALBY, J. *The virtues of Cinnabar and Musk against the Bite of a Mad Dog*. Birmingham, 4to. *Bibl. Med.-Chir. Soc.*

1776. TROMMSDORF, G. B. *Programma de Moscho*. Erfordii, 4to.

1780. WALL, J. *Medical Tracts: on Musk in Convulsions, etc.* Oxford, 8vo. *Bibl. Med.-Chir. Soc.*

1783. TRALLES, B. L. *De limitandis laudibus et abusu Moschi in medela morborum dissertatio*. Breslau, 8vo. German transl. by M. H. Mendel, Breslau, 1804. *Bibl. Med. Soc. Lond.*

1784. REINICK, G. G. **Momenta quædam de Moscho naturali et artefacto*. Jenæ, 4to, pp. 47. *Bibl. Banks.*

1784. WERNER, J. B. **De Moscho*. Gottingæ, 4to, pp. 60. *Bibl. Banks.*

1786. LINCK, J. W. **Historia naturalis Castoris et Moschi*. Reap. F. A. Dür. Lipsiæ, 4to, pp. 28, tab. ii. *Bibl. Banks.*

1790. GROS, B. F. **De Moscho*. Tubingæ, 8vo, pp. 27. *Bibl. Coll. Surg. Lond.*

1802. EASTBERG, P. A. *Examen indolis et intensitatis virium quas possident medicamentaria frequentissimo usu inservientia; de quibus maxime disceptivum est Opium, Moschus, Camphora*. Hafniæ, 8vo.

1804. MENDEL, M. H. *Die Heilkraft des Moschus*. A translation from the Latin of B. L. Tralles (*antè*). Breslau, 8vo.

1811. KAPP, G. L. K. *Ueber einige Wirkungen des Moschus in den Krankheiten der Menschen*. Nürnberg, 8vo.

1812. WINCKLER, J. H. **De viribus et usu Moschi*. Præs. J. H. Engelhart. Lundæ, 4to.

1826. MILITZER, J. G. **De nonnullis Moschi, Muriatis Oxyduli Hydrargyri mitis, et Muriatis Oxyduli Ferri in organismo sano effectibus*. Erlangen, 8vo, pp. 36.

1830. BIERKOWSKI, L. J. VON. **Moschi historia naturalis et medica*. Lipsiæ, 8vo, pp. 56.

1830. KOCH, G. A. **De Moscho*. Pesthini, 8vo, pp. 25.

1835. KÜHN, C. G. *Moschi Antiquitates*. Lipsiæ, 4to, pp. 15.

1852. HEUSINGER, C. F. Meletemata quædam de antiquitatibus Castorei et Moschi. Marburg, 4to, pp. 31.
1870. DELIUX DE SAVIGNAC, —. Étude sur la valeur comparée du Musc et de l'Acétate d'Ammoniaque dans le traitement des Pneumonies graves. Mémoire présenté à l'Acad. de Méd. (Ex. in *Bull. de l'Acad. de Médecine*, 1870, t. xxxv, p. 883.)

MUCUNA PRURIENS, DC.

Cowhage.

1784. CHAMBERLAINE, W. A practical treatise on the efficacy of Stizolobium or Cowhage internally administered in diseases occasioned by Worms. London, 8vo. Tenth ed. (the last?), London, 1812, 8vo, pp. 108. German transl. Altenberg, 1786, 8vo. *Bibl. Med.-Chir. Soc.* (ed. 1812).
- A practical work, containing a sufficient number of cases to prove the efficacy of the remedy as well as the safety with which it may be administered. — *Med Phys Journal*, iv, 1800, p. 269. The name Stizolobium employed in the title-page is that applied to the cowhage plant by Dr. Browne in his 'Natural History of Jamaica,' p. 77.
1813. SINCLAIR, G. *De viribus anthelminticis Groffrœæ inermis et Dolichi prurientis. Edin. 8vo.

MUSCUS TERRESTRIS. Vide LYCOPODIUM CLAVATUM.

MUSENNA BARK.

1851. MEYER-AHRENS, C. Die Blüten des Kossobaumes, die Rinde der Musenna, &c. Zurich, 8vo, pp. 91. See "Anthelmintics."

MUSA SAPIENTUM, Linn.

Plantain, Banana.

1814. DESVAUX, N. A. Essai sur l'histoire botanique, médicale et économique des Bananiers. (Ex. in *Journ. de Bot.*, vi, p. 1.) Paris.

MYRRH.

Gum-resin of Balsamodendron Myrrha, Ehrenb.

1597. GUIBERT, N. Assertio de Murrhinis, sive de iis quæ Murrhino nomine exprimuntur, adversus quosdam de iis minus rectè disserentes. Francof. 8vo. Idem, Romæ, 1752, 8vo.
- Agit de myrrha, de vino myrrhato, de benzoino; negat pocula myrrhina facta fuisse ex benzoino, et benzoin a myrrha differre docet. — *Haller, Bibl. Bot.*, i, p. 390.
1608. GRETSCHER, J. Mantissa de Vino Myrrhato et vasis Murrhinis. Ingolstadii, 4to.
1668. MAJOR, J. D. *De Myrrhâ. Kiloniæ, 4to.
1676. FASCHIUS, A. H. *De Myrrhâ. Resp. S. A. Beckerus. Jenæ, 4to, pp. 18. *Bibl. Banks.*

1688. POLISIUS, G. S. Myrrhologia seu Myrrhæ disquisitio curiosa. Norimbergæ, 4to, pp. 239. *Bibl. Banks.*
 Maxima collectio omnium formularum, quas unquam myrrha ingressa fuisset.—*Haller, Bibl. Med. Pract.*, iii, p. 433.
1746. CARTHEUSEE, J. F. Diss. de eximia Myrrhæ genuinæ virtute medica. Francof. ad Viad. 4to. Redit. in ejus "Dissertationes Selectæ," Francof. 1775, 8vo, p. 28-55. *Bibl. Banks.*
1770. COOKE, J. The natural history of Lac, Amber, and Myrrh, with a plain account of the very many excellent virtues these three medicinal substances are naturally possessed of. London, 8vo. *Bibl. Med.-Chir. Soc.*
1815. STACKHOUSE, J. Extracts from modern authors respecting the Balsam and Myrrh trees. Bath, 8vo, tab. iii. *Bibl. Linn. Soc.*
1818. AFZELIUS, A. De origine Myrrhæ controversa. Resp. D. Malmberg. Upsaliæ, 4to, pp. 16. Alt. ed. Upsal. 1825-29, 4to, pp. 40. *Bibl. Linn. Soc.*
 A learned little essay, in which the myrrh of Scripture and that of Hippocrates and other Greek writers are compared; it contains nothing practical.
1841. EHRENBERG, C. G. De Myrrhæ et Opocarpasi in itinere per Arabiam et Habessiniam detectis plantis particulam primam offert. Berolini, folio, pp. 6.
 A summary of Ehrenberg's researches on the botanical source of myrrh is given in Flückiger and Hanbury's *Pharmacographia*, p. 125. See also Hanbury's *Science Papers*, p. 379.
1871. DELIQUX DE SAVIGNAC, —. La Myrrhe et ses propriétés thérapeutiques. (Ex. in *Bull. de Thérap.*, t. lxxxi, p. 481.)

MYRISTICA MOSCHATA, Thunb.

Nutmeg and Mace.

1677. MACKAIL, M. Treatise on Mace. Aberdeen, 12mo.
1681. DIETZ, J. H. *Μοσχοκαρυολογία, i.e. brevis ac succincta de Nuce Moschata dissertatio.* 2nd ed. Giessæ, 4to, pp. 63, tab. i. *Bibl. Linn. Soc.; Banks.*
1704. PAULLINUS, C. F. *Μοσχοκαρυογραφία, seu Nucis Moschatæ curiosa descriptio historico-physico-medica, &c.* Erfordiæ, 12mo, pp. 874, tab. i. *Bibl. Med.-Chir. Soc.; Acad. Edin.*
 A curiosity of prolixity, the whole work of 876 pages being devoted to a discussion on nutmegs!—*Proceed. of Pharm. Conference*, 1870, p. 41.
1709. SCHULTZE, N. *De Nuce Moschata. Traject. ad Rhen. 4to, pp. 30, tab. i. *Bibl. Banks.*
 Collectanea, maxime ex Leeuwenhoeckio.—*Haller, Bibl. Bot.*, ii, p. 93.

1719. VALENTINI, C. M. De Macis. Giessæ, 4to.
Cultus, icones, medicamenta inde præparata.—*Haller, Bibl. Bot.*, ii, p. 160.
1788. RADLOFF, F. W. *Myristica. Præs. C. P. Thunberg.
Upsaliæ, 4to, pp. 10.
Bibl. Linn. Soc.; Coll. Surg. Lond.; Med. Soc. Lond.
Analytical review in *Duncan's Med. Commentaries*, xv, 1790, p. 54.

MYRTUS COMMUNIS, Linn.

Common Myrtle.

1875. DELIQUX DE SAVIGNAC, —. Le Myrte et ses propriétés thérapeutiques. Paris, 8vo, pp. 16.

MYTILUS EDULIS, Linn.

Common Mussel.

1857. FOUCHER, L. Recherches sur le Mytilus edulis, sa composition chimique, ses propriétés thérapeutiques et son emploi dans certaines affections subaiguës et chroniques des voies respiratoires, dans les maladies lymphatiques et scrofuleuses, &c.
Paris, 8vo, pp. 16, 4me éd., Orléans, 8vo, 1870.

For an interesting memoir on the poisonous effects of the mussel (*Mytilus edulis*) by Dr. J. S. Combe, see *Edinburgh Med. Surg. Journ.*, xxix, 1828, p. 86—96.

NAPHTHA.

1800. HELLER, A. F. *De Naphtha aceti ejusque in medicina usu. Jenæ, 4to, pp. 23.
1843. HASTINGS, J. Pulmonary Consumption successfully treated with Naphtha. London, 8vo, pp. 120. Second ed. 1845, pp. 260.
The "naphtha" employed in these cases was "pyro-acetic spirit," obtained by the destructive distillation of the acetate of lead or lime. It was used both internally and by inhalation.
The author considers successively the causes of consumption, its stethoscopic and rational symptoms, its complications, pathology, and diagnosis; he then states shortly the various remedies proposed from time to time as a cure, and lastly, he gives the history, medical and therapeutic, of naphtha, concluding with cases to illustrate his treatment.—*Edin. Med. Surg. Journ.*, lxiv, p. 466.
1844. HOCKEN, E. O. A practical enquiry into the value of medicinal Naphtha in Tubercular Phthisis. London, 8vo, pp. 72.
Dr. Hocken confines himself almost solely to the exposition of the medical history and therapeutic effects of naphtha, illustrated by cases.—*Edin. Med. Surg. Journ.*, lxiv, p. 466. There is a very condemnatory notice of this work in *Brit. and For. Med. Rev.*, January, 1846, p. 146, to which Dr. Hocken published a reply, London, 1845, 12mo, pp. 11.
1846. SALES-GIRONS, —. La Phthisie traitée par les fumigations de Goudron et le Médicinal Naphtha. Paris, 8vo.

NARCEIN or NARCEINE.

1834. HENLE, F. G. J. Ueber Narcein. Berlin, 8vo.
 1865. BOUCHARDAT, J. De la Narcéine. Paris, 4to, pp. 63.
 1866. LIME, C. Études sur la Narcéine et son emploi en thérapeutique. Paris, 8vo, pp. 69.
 1866. OETTINGER, W. Das Narcein als Arzneimittel. Tübingen, 8vo, pp. 41.

For an abstract of Oettinger's experiments see *Brit. and For. Med. Chir. Rev.*, April, 1867, p. 527-8. Amongst other results they tend to show that narcein by hypodermic injection acts as a sedative and anæsthetic, but not so certainly or in the same degree as morphia or atropia. An interesting memoir. For further information on the views of this and other writers on narceine see an able paper by Dr. John Harley in *Practitioner*, vol. i, p. 289 et seq.

1871. PETRINI, P. *Des injections hypodermiques du Chlorhydrate de Narcéine. Paris, 4to.
 1873. PETIT, A. Chlorhydrate de Narcéine. *Vide* "Hydrocyanic Acid," 1873.

NARCISSUS PSEUDO-NARCISSUS, Linn.

Daffodil.

1799. DUFRENOY, A. *Vide* "Rhus radicans," 1799.
 1810. LOISELEUR DESLONGCHAMPS, J. L. A. Recherches historiques, botaniques et médicales sur les Narcisses, &c. Paris, 4to (à la fin de la deuxième partie de son *Manuel des Plantes Indigènes*, 1819, p. 147.)
 1820. LE JEUNE, A. L. S. Commentarius de Narcissi pseudo-narcissi, *Linn.*, virtutibus, &c. Dans l'ouvrage intitulé "De quarundam Indigenarum usu." Leodii, 4to.
 1833. PASSAGUAY, J. C. V. A. *Observations sur l'emploi du Narcisse des Prés dans le traitement de la Dyssenterie, précédées de quelques détails sur son administration dans d'autres maladies. Paris, 4to.

NARCOTINE.

1825. HENELLE, —. *Diss. sur le principe de Derosne (Narcotine) et la Morphine. Paris, 4to.
 1832. ROOTS, H. S. On the employment of Narcotine as a febrifuge. (Ex. in *Medical Gazette*, vol. iii, p. 109.)

For a summary of the observations of Dr. Roots, Sir W. Brooke (O'Shaughnessy), Dr. J. Balfour (*Indian Ann. of Med. Sci.*, vol. v, p. 547), Dr. A. Garden (*ibid.* vii, p. 400), and others on the antiperiodic powers of Narcotine, see *Pharmacopœia of India*, p. 438.

NASTURTIUM OFFICINALE, Brown.

Water Cress.

1866. CHATIN, A. Le Cresson: sa culture et ses applications médicales et alimentaires. Paris, 12mo, pp. 126.

NERIUM OLEANDER, Linn.

Rose-bay.

1716. LOCHNER, M. F. Nerium seu Rhododaphne veterum et recentiorum. Norembergiæ, 4to, pp. 112, tab. 9.
Bibl. Banks.

NICKEL.

1775. BERGMAN, T. *De Niccolo (Nickel). Resp. J. A. Arvidson. Upsaliæ, 4to. *Bibl. Linn. Soc.*
1825. GMELIN, C. G. Versuche über die Wirkung des Baryts... Nickels, &c., auf den thierischen Organismus. Tübingen, 8vo.
Vide *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 136. See "Metals," Part I.
Bibl. Coll.-Surg. Lond.

NICOTIANA TABACUM. Vide TABACUM.

NICOTINA.

Nicotine.

1851. ORFILA, M. J. B. Mémoire sur la Nicotine et la Conicine. Paris, 8vo.
1851. BROECK, V. VAN DEN. De la préparation de la Nicotine et de son mode d'action sur l'économie animale. (Ex *Ann. Méd. de la Flandre Occid.*, 8vo, pp. 60.)
1852. VELLA, L. Esperienze sulla Nicotina. Torino, 8vo.
1856. HAUGHTON, S. Physiological experiments on Strychnine and Nicotine. Dublin, 8vo. *Bibl. Coll. Phys. Edin.*
A series of interesting and important experiments, which were subsequently continued by the author and published in *Dublin Quart. Journ. Med. Sci.*, August, 1862, p. 172—186. In the latter paper four cases of tetanus and one of strychnia poisoning are detailed in which nicotine was employed with more or less benefit.
1859. FORSIUS, K. F. Om Nicotinförgiftning. Helsingfors, 8vo, pp. 58.
1868. JULLIEN, F. *Étude sur la Nicotine. Paris, 8vo, pp. 60. *Bibl. Med.-Chir. Soc.*
1870. KOFF, —. *De la Nicotine. Strasbourg, 8vo. (Abstract in *Bull. Gén. de Thérap.*, March 30th, 1870, p. 284.)
1870. BLATIN, A. Recherches physiologiques et cliniques sur la Nicotine et le Tabac. Paris, 8vo, pp. 207.
The evil effects of excessive tobacco-smoking are elaborately treated of in this memoir, which likewise contains an able investigation into the physiological action of nicotia.—*Amer. Journ. Med. Sci.*, October, 1870, p. 534.

ACIDUM NITRICUM et NITROSUM.

Nitric and Nitrous Acid.

1795. SMYTH, J. CARMICHAEL, —. Dissertation on the Jail Distemper as it appeared among the Spanish prisoners at Winches-

- ter in 1780, with an account of the means (Nitrous Acid) employed for curing that fever and for destroying the contagion which gave rise to it. London, 8vo. *Bibl. Med.-Chir. Soc.*
1796. SMYTH, J. C. An account of the experiments made on board the Union Hospital Ship to determine the effects of Nitrous Acid in destroying contagion and the safety with which it may be employed. London, 8vo. *Bibl. Coll. Phys. Edin.*
1796. BEDDOES, T. Reports, principally concerning the effects of Nitrous Acid in the Venereal Disease by the Surgeons at the Royal Hospital at Plymouth and other practitioners. Bristol, 8vo. German transl. by F. G. Friese. Breslau, 8vo, 1799. *Bibl. Coll. Phys. Edin.*
- From the large mass of evidence here brought together from various quarters, Dr. Beddoes considers it clearly proved that when the constitution is impaired or otherwise feeble or scrofulous, the cure of syphilis should always be attempted by nitrous acid in preference to any other medicine. See *Duncan's Ann. of Med.*, ii, 1798, p. 214.
1798. PRIOLEAU, P. G. *On the use of the Nitric and Oxygenated Muriatic Acids in some diseases. Philadelphia, 8vo. (Ex. in *Caldwell's Philad. Theses.*, vol. i, p. 81.) *Bibl. Med.-Chir. Soc. (Caldwell).*
- Consists mainly of a record of cases, chiefly syphilitic, in fourteen of which nitric acid and in four nitro-hydrochloric acid was employed with more or less benefit. Cases of chronic rheumatism and one of hydrothorax treated with the latter acid are also mentioned. The author ascribes the efficacy of both acids to the oxygen they contain.
1798. BLAIR, W. Essays on the Venereal Disease and its concomitant affections. Essay 1, Part i, on the anti-venereal effects of Nitrous Acid, and other analogous remedies. London, 8vo. Second ed. of Part i, *ibid.*, 1799, 8vo, pp. 252. Part ii, 1800, 8vo. German transl. by C. A. Struve Altenburg, 1799-1801, 2 vols. 8vo. *Bibl. Med.-Chir. Soc.*
- The experience of the author is adverse to the claims of nitrous acid as a substitute for mercury in the treatment of syphilis, and he expresses his belief that its advocates (which were numerous at the time) were greatly deceiving themselves as to its powers in this respect. He supports this view by some statistical data.—*London Med. Review and Mag.*, vol. i, 1799, p. 257. It is on the whole a most complete publication, since it presents an epitome of what all other writers have advanced on the subject, and contains much interesting and original matter.—*Ibid.*, vol. iii, p. 165.
1799. SMYTH, J. C. The effects of Nitrous Vapour in preventing and destroying contagion, ascertained from a variety of trials made chiefly by Surgeons in H.M. Navy, Hospitals, &c. London, 8vo. *Bibl. Coll. Surg. Lond.*
1800. BEDDOES, T. Communications respecting the external and internal use of Nitrous Acid, demonstrating its efficacy in every form of Venereal Disease, and extending its use to other complaints. London, 8vo, pp. 188. *Bibl. Med.-Chir. Soc.*
- Contains a large mass of evidence in support of the author's views as set forth in his former work, 1796. See review in *London Med. Rev.*, 1801, p. 89 *et seq.*

1802. NEALE, A. *De Acido Nitrico ejusque in medicina usibus. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Acad. Edin.*
1802. SCHMIDT, J. A. Beiträge zu den Resultaten der Versuche mit Salpetersäure bei primitiven und secundären syphilitischen Krankheitsformen. Wien, 8vo.
1802. LUST, C. *De Acidi Nitrici usu in Syphilitidi. Groningæ, 8vo, pp. 40.
1802. TABTRA, A. E. Traité de l'empoisonnement par l'Acide Nitrique. Paris, 8vo, pp. 302. *Bibl. Med.-Chir. Soc.*
Commendable in every point of view...the subject is fully and ably discussed. The work is divided into three parts:—1. Introductory matter. 2. A detail of cases of poisoning by nitric acid collected from various sources, and of others which fell under the author's notice, concluding with an account of some experiments with this acid on the living and the dead body, &c. 3. The medical history, including the pathology or symptoms, progress, terminations, prognosis, and post-mortem appearances of the disease produced by swallowing nitric acid; the treatment of the case, and an examination of the legal questions to which it may give rise. See review in *Edinburgh Med. Surg. Journ.*, ix, 1813, 369.
1803. SCHWARZ, G. E. G. Nitric Acid in Asthenic Fevers. *Vide "Acids,"* 1803.
1816. HOLST, F. Diss. de Acidi Nitrici usu medico. Christianiæ, 8vo, pp. 136.
1817. PELLETIER, —, et CAVENTOU, —. Recherches sur l'action qu'exerce l'Acide Nitrique sur la matière nacréée des calculs biliaires humains, et sur le nouvel acide qui en résulte. (*Journ. de Pharm.*, 1817.) Paris, 8vo, pp. 16.
1828. SPEYER, C. L. *Toxicologia Acidi Nitrici. Hafniæ, 8vo, pp. 75.
1831. COOTH, U J. VAN. De Acidi Nitrici et Nitri ortu. Lugd. Bat. 8vo.
1834. KÖCHLIN, J. R. Nitric Acid as a medicinal agent. *Vide "Acids,"* 1834.
1842. MILLON, E. Recherches sur l'Acide Nitrique. Paris, 8vo, pp. 48.
1843. HANSEN, V. Die Salpetersäure innerlich gereicht als Heilmittel der Bright'schen Krankheit oder Albuminurie. Trier, 8vo.
1843. HOUSTON, J. Essay on the use of Nitric Acid as an escharotic in certain forms of Hæmorrhoidal Affections. Dublin, 8vo, pp. 30. *Bibl. Coll. Phys. Edin.* (Reprint from *Dublin Journ. of Med.*, vol. xxiii, p. 94.) Further observations, *ibid*, vol. xxiv, p. 204.
Valuable practical papers. The author is careful in pointing out the form of hæmorrhoidal excrescences to which the treatment by nitric acid is adapted, and he furnishes full directions for its application.
1847. RIVALLIÉ, A. Traitement du Cancer et des affections Scrofuleuses par l'Acide Nitrique solidifié, &c. Paris, 8vo.
1849. BERTHEAIND, E. L. De l'emploi de l'Acide Azotique dans la Gengivite ulcéreuse épidémique. Paris, 8vo, pp. 8.

1854. GIBB, G. D. On Hooping Cough...with its successful treatment by a New Remedy. London, 12mo, pp. 395.

The primary object, apparently, of this work is to demonstrate the efficacy of nitric acid as a remedy in hooping cough. According to Dr. Gibb it arrests the paroxysms, removes the hoop, and shortens the disease almost as effectually as quinine does intermittent fever.

1857. WUNDERLICH, C. A. De actionibus quibusdam Acidi Nitrici caustici in corpus humanum intromissi. Lipsiæ, 8vo.

1859. SMITH, H. Hæmorrhoids and Prolapsus of the Rectum ; their pathology and treatment with especial reference to the use of Nitric Acid. London, 8vo, pp. 46. Second ed., *ibid.*, 12mo, 1860, pp. 108. Third ed., *ibid.*, 1862, pp. 141.

The main object of the author, whilst making no claim to originality, has been to point out in clear language the anatomical and pathological condition of parts which should guide the surgeon in the selection for the nitric acid treatment, and this he has accomplished in a very successful and scientific manner.—*Lancet*, September 6th, 1862, p. 258.

1860. CHOMSE, O. De ratione, qua se habeant Oxydum atque Acidum Kakodyliacum in organismo animalium disquisitiones.

Dorpati, pp. 38.

1861. WULFFIUS, E. *Ueber den Nachweis von Salpetersäure im Harn. Dorpati, 8vo, pp. 39.

ACIDUM NITRO-HYDROCHLORICUM.

Nitro-hydrochloric Acid. Nitro-muriatic Acid.

1798. PRIOLEAU, P. G. *Vide* "Nitric Acid," 1798.

1820. DUNLOP, W. A treatise on the medical powers of the Nitro-muriatic Acid Bath in various diseases. London, 8vo.

Bibl. Coll. Phys. Edin.

1822. COYNE, P. Observations on the external application of Nitro-Muriatic Acid in a Bath in various diseases, particularly in those of tropical climates. London, 8vo, pp. 140.

Bibl. Med.-Chir. Soc.

After much experience of the use of the nitro-muriatic acid bath both in India and England, the author attaches much importance to it as a remedy in hepatic and other affections, and here details several cases illustrative of its beneficial effects. The work is "not intended solely for the perusal of gentlemen of the medical profession."—*Med.-Chir. Rev.*, December, 1822, p. 522.

1824. BERNHARDT, G. L. De utilitate Acidi Nitrici et Muriatici inter se mixtorum nonnullis in morbis eximia. Berol. 8vo.

Bibl. Coll. Surg. Lond.

1830. VOGEL, G. H. *De Acido Nitro-muriatico.

Lipsiæ, 4to, pp. 28.

1858. UECHTRITZ, F. H. O. De Kali Chlorici Acidique Nitrici in nervos, telam cellulosaam, corneam, renes vi observationes micro-chemicæ. Gryphiæ, 8vo, pp. 31.

NITROGEN.

1809. FARMER, R. Analysis of the Carbonated Chalybeate at Stow, with observations on the effects of Carbonic Acid and Nitrogen Gas on the animal economy. London, 8vo.
1815. BRUNN, E. E. De ratione quæ inter Azoticum aeris atmosphærici et respirationem intercedit. Hafniæ, 12mo.
Bibl. Med.-Chir. Soc.
1816. DAGOUMER, T. Essai sur le gaz Azote atmosphérique considéré dans ses rapports avec l'existence des animaux, &c. Paris, 8vo.
1859. OGNIBEN, A. Diss. dell Nitrogeno. Padova, 8vo, pp. 20.
1862. FISCHER, —. Die Stickgas-Inhalation bei Lungen-Tuberculose, &c. Baderborn, 8vo, pp. 27.
1866. DEMARQUAY, J. N. *Vide* "Inhalation," 1866.

NITROGEN, PEROXIDE OF.

Nitrous Oxide Gas, Laughing Gas, &c.

1795. MITCHELL, S. L. Remarks on the gaseous Oxyde of Azote and on the effects it produces when generated in the stomach, inhaled into the lungs, and applied to the skin. New York, 12mo, pp. 43.
1796. SALTONSTALL, W. *Dissertation on the chemical and medical history of Nitrogene and its combinations with the matter of Heat, &c. New York, 8vo.
1800. DAVY, Sir HUMPHRY. Researches, Chemical and Philosophical, chiefly concerning Nitrous Oxide or Dephlogisticated Nitrous Air and its respiration. London, 8vo, pp. 580, tab. (Reprinted in vol. iii of his 'Collected Works,' 1839).
Bibl. Med.-Chir. Soc.

This truly philosophical work consists of four divisions or researches:—
1st. Relates to the production of nitrous oxide, and the analysis of nitrous gas and nitrous acid. In the 2nd the combinations and composition of nitrous oxide are investigated. The 3rd contains observations on the action of nitrous oxide upon animals, and the changes effected in it by respiration. In the 4th the history of the respirability and extraordinary effects of nitrous oxide is given, with details of experiments on its powers in different individuals. This last research is by far the most important to the practitioner.—*Med. Phys. Journ.*, iv, 1800, p. 265-9.

It is worthy of remark that Sir Humphry Davy in this work foreshadowed the use of anæsthetics in surgery; thus, he remarks (p. 556)—"*As nitrous oxyde, in its extensive operation, appears capable of destroying physical pain, it may probably be used with advantage during surgical operations in which no great effusion of blood takes place.*" How this has been realised by this identical gas as well as other agents is now too well known to need further comment.

1806. UNZER, H. F. Dis. de aëre Nitroso Oxydato. Kilisæ, 4to.
1808. BARTON, W. P. *Dissertation on the chymical properties

- and exhilarating effects of Nitrous Oxide Gas and its application to pneumatic medicine. Philadelphia, 8vo.
Bibl. Coll. Phys. Edin.
1831. HANCOCK, J. On the origin of Cholera and other pestilential diseases, and on the gaseous Oxide of Nitrogen as a remedy in such diseases and also in asphyxia and against the effects of narcotic poisons. London, 8vo, pp. 64. *Bibl. Coll. Phys. Edin.*
1832. LE PAGE, F. A. Sur l'emploi du Gaz Protoxide d'Azote dans le traitement du Choléra-morbus. Orléans, 8vo, pp. 48.
1845. RIADORE, J. E. On the remedial influence of Oxygen, Nitrous Oxide, &c. London, 8vo. *Vide "Oxygen,"* 1845.
1847. WELLS, HORACE. History of the application of Nitrous Oxide Gas, Ether, &c., to surgical operations. *Vide "Anæsthetics,"* 1847.
1865. ZIEGLEE, G. J. Researches on the medical properties and application of Nitrous Oxide, Peroxide of Nitrogen or Laughing Gas. Philadelphia, 12mo, pp. 66.
The following extract illustrates the views and style of the author:—"In comprehensive terms, nitrous oxide is a direct, potent, and permanent chemico-organic, arterial, nervous, cerebral and general stimulant, secernent, depurant, aphrodisiac and antitoxic, having a special tendency to the blood, brain, nervous system, and genito-urinary organs"! The book abounds with such high-flown sentences as this.—*Medical Times and Gaz.*, March 10th, 1866, p. 262.
The author appears to entertain very exaggerated views of the virtues of this gas. "He claims for it wonderful powers, but relates no instances or experiments to sustain his assertions." See *Amer. Journ. Med. Sci.*, July, 1866, p. 221.
1866. DEMARQUAY, J. N. *Vide "Inhalation,"* 1866.
1866. PRÉTERRE, A. Nouvelles recherches sur les propriétés physiologiques et anesthésiques du Protoxyde d'Azote. Paris, 8vo, pp. 31.
1867. PRÉTERRE, A. De l'emploi du Protoxyde d'Azote pour pratiquer les opérations chirurgicales et extraire les dents sans souffrance. Paris, 8vo, pp. 31. 4me éd., *ibid.*, 1868.
1868. KIDD, C. The Oxide of Nitrogen as an Anæsthetic agent. Dublin, 8vo. Second ed. 1870? *Bibl. Med.-Chir. Soc.*
1869. PRÉTERRE, A. Recherches sur les propriétés physiques et physiologiques du Protoxyde d'Azote liquéfié. Paris, 8vo, pp. 27.
1869. RYMER, S. L. Remarks on the use of Nitrous Oxide in Dental Operations. London, 8vo.
1869. LIMOUSIN, S. Étude sur le Protoxyde d'Azote en solution. Paris, 8vo, pp. 16.
1869. SQUAREY, E. On the administration of...Nitrous Oxide. *Vide "Anæsthetics,"* 1869.
1870. KIDD, C. Hydrate of Chloral and Nitrous Oxide Gas as anæsthetics. London, 8vo, pp. 12.

1870. LA BATE, J. DE. Des Anesthésiques en général et du Protoxyde d'Azote en particulier. Poitiers, 8vo, pp. 19.
1871. MACLAREN, R. On Nitrous Oxide Gas and its use as an anæsthetic. Edin.
1872. GROHNWALD, C. Das Stickstoffoxydul-Gas als Anæstheticum. Berlin, 8vo, pp. 47, pl. lithograph 2 in 4to.
1873. PRÉTERRE, A. Le Protoxyde d'Azote; son application aux opérations chirurgicales et particulièrement à l'extraction des dents sans douleur. 7me éd., Paris, 8vo, pp. 77.
1874. BLANCHE, T. *Recherches expérimentales sur le Protoxyde d'Azote. Paris, 4to. Ibid. Paris, 8vo.
1874. JACQUÈME, —. Histoire chimique et physiologique du Protoxyde d'Azote. Marseille, 8vo, pp. 23.

NITRO-GLYCERINE. GLONION.

- 1845? PELIKAN, E. Toxikologisches über das Nitro-glycerin (Glonion) und andere Knallkörper. St. Petersburg, 8vo.

CENANTHE CROCATA, Linn.

Hemlock Water Dropwort.

1847. PICKELLS, W. Deleterious effects of the *Cenanthe crocata* or Hemlock Water Dropwort, exemplified in a number of instances. (Ex. in *Edin. Med. Surg. Journ.*, lxvii, p. 435.)
A full and able memoir on the physiological action and medical properties of this plant.
1870. GAYET, A. *Essai sur l'*Cenanthe crocata*. Montpellier, 4to, pp. 34.
1874. BLOC, P. Contribution à l'histoire des Poisons Végétaux. Étude toxicologique et médicale sur l'*Cenanthe safranée* (*Cenanthe crocata*). Paris, 8vo, pp. 111, pl. 2.
See also "Note sur l'*Cenanthe safranée*," par F. A. Vincent, in *Archiv. de Méd. Navale*, 1864, t. i, p. 88.

OLEA EUROPEÆ, Linn.

The Olive.

1679. KLEMM, J. C. Diss. de Olea. Tubingæ, 4to, pp. 16.
Bibl. Banks.
1736. VATER, A. Programme de Olei Olivarum efficaciam contra morsum canis rabiosi experimento Dresdæ facto adstructa. Wittebergæ, 4to.
1736. VATER, A. De antidoto novo adversus Viperanum morsum præstantissimo, in Anglia nuper detecto. Wittebergæ, 4to.
Olea nempe olivarum cujus virtutem ipse Vaterus experimento confirmavit, in homine facto.—*Haller, Bibl. Bot.*, ii, p. 155.
1740. SCHULZE, J. H. *De Oleo Olivarum. Resp. T. J. F. Doehnert: Halæ, 4to.
Olei expressio; vires.—*Haller, Bibl. Bot.*, ii, p. 144.

1751. VATER, A. Programma de Olei Olivarum adversus morsum animalium venenatorum efficacia et virtute. Wittebergæ, 4to.
1779. LEHR, G. P. *Diss. med.-botanica de Olea Europæa. Gottingæ, 4to, pp. 70, tab. i. *Bibl. Banks.; Acad. Edin.*
1783. POUTEAU, —. Mémoire sur l'effet de l'Huile d'Olive pour la morsure de la Vipère. (*Œuvres Posthumes*, vol. iii, p. 73.)
1784. AMOREUX, P. J. Traité de l'Olivier. 2me éd. Montpellier, 8vo.
1788. PRESTA, —. Memorio intorno di sessanta due saggi diversi di Olio. Napoli.
1790. MARINO, G. A. Raccolta di alcuni opuscoli, all' uso interno dell' Olio d'Olivo. Carmagnola, 8vo, pp. 76.
1800. BALDWIN, G. Osservazioni circa nuovo specifico contra la Peste. Firenze, 8vo, pp. 74. German transl. by P. Scheel, Leipzig, 8vo. French transl. from the German by J. N. E. de Bock, Metz, 1801, 12mo.
- Mr. Baldwin's specific consisted of frictions of the body with warm olive oil. The practice was common in the East from the earliest times, and the oil was also taken internally with the belief of its possessing both prophylactic and curative properties...Mr. Jackson, in his account of the plague in Morocco in 1790, recommended it to many both as a preventive and as a cure; and he states that in both characters it was eminently successful. *Vide Copland, Dict. Pract. Med.*, vol. iii, part 1, p. 227.
1815. FAURE, —. *Diss. sur les propriétés médicales des feuilles de l'Olivier dans les Fièvres adynamiques et intermittentes. Strasbourg, 4to.
1831. GLADOROU, V. On the febrifuge properties of the gum resin of the Olive tree. (In *Edinburgh Med. Surg. Journ.*, xlv, 1835, p. 245, ex *Ann. Univ. di Méd.*, June, 1831.)
1870. HARB, C. Über die Entstehung des fetten Oeles in den Oliven. Wien, 8vo, pp. 16, tab. 2.
See also Art. "Inunction."

OLEUM ANIMALE EMPYREUMATICUM.

Dippell's Animal Oil, &c.

1725. VATER, A. Diss. qua Olei Animalis vires ejusque efficacia in curanda Epilepsia rationibus et experimentis confirmantur. Wittenbergæ, 4to.
Exempla in adultis inque infantibus.—*Haller, Bibl. Med. Pract.*, iv, p. 450.
1732. JUNCKER, J., et BURCHARD, H. J. *De viribus Olei Animalis in Epilepsia. Lond. 4to. *Bibl. Med.-Chir. Soc.*
1740. VATER, A. *Progr. de Olei Animalis efficaciâ contra Hydrophobiam et Venenum Lauro-cerasi. Wittenbergæ, 4to.
1744. CARTHEUSER, J. F. Diss. de Oleis Empyreumaticis. Francof. ad Viad. 4to.

1745. REINHARDT, C. L. Diss. de Oleo Animali Dippellii.
Tubingæ, 4to. *Bibl. Med. Soc. Lond.*
1747. HALLER, A. (?). Diss. de præparatione Olei Animalis, ejus-
que in Febribus Intermittentibus usu. Gottingæ, 4to.
1748. LUDOLFF, J. DE. *De Olei Animalis Dippellii faciliori præ-
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little alcohol. One ounce of the ointment, containing six grains of opium,
procured sleep in several instances. Amongst the cases treated beneficially
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nancy, abortion, labour, and the puerperal state, and the fact of the observations being based on clinical experience imparts to the work the highest value. Throughout the work the author has carefully abstained from dogmatizing and from making unsupported assertions.—*Dublin Quart. Journ. Med. Sci.*, February, 1865, p. 154.

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1866. RAYNAUD, A. E. *Antagonisme de l'Opium et de la Belladone. Paris, 4to.

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1869. HARLEY, J. The Old Vegetable Neurotics, Hemlock, Opium, &c., their physiological action and therapeutical use, alone and in combination. London, 8vo, pp. 355. See "Neurotics," Part I.

Of all portions of this valuable work, the most extensive as well as the most interesting is that devoted to opium and its alkaloids, based on no less than sixty-two carefully conducted experiments on man, as well as on the horse, the dog, and the mouse. The alkaloids experimented with comprise morphia, narceine, meconine, or opianyle, cryptopia, codeia, and thebaia or paramorphia, and these were administered usually by subcutaneous injection, occasionally by mouth. The effects of these alone or in combination are given in a lucid manner, and contribute very materially to our knowledge of the physiological effects and therapeutic uses of this "old vegetable neurotic" opium. See also "Atropa Belladonna." 1869.

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1870. NICOLLE, E. Le Tabac, le Haschisch et les fumeurs d'Opium. (Conférence.) Rouen, 8vo, pp. 39.

1870. CALKINS, A. Opium and the Opium Appetite, with notices of Alcoholic Beverages, Cannabis Indica, Tobacco, and Cocoa; and Tea and Coffee in their hygienic aspects and pathologic relations. Philadelphia, 8vo, pp. 390. *Bibl. Med.-Chir. Soc.*

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1872. BABUTEAU, A. Recherches sur les propriétés de divers principes immédiats de l'Opium. (Ex *Gazette Hebdom.*, April and May, 1872). Paris, 8vo, pp. 15.

In a long and interesting series of researches Dr. Rabuteau has extended the investigations of Claude Bernard upon the physiological and therapeu-

- tical properties of the constituents of opium. For a summary of his important results, especially with regard to thebaine, papaverine, narceine, narcotine, and codeine, see *British and Foreign Med.-Chir. Rev.*, October, 1872, p. 507.
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1874. BACCOLIA, P. Tre casi di Tetano guariti coll' uso dei bagni caldi e coll' estratto d'Oppio gommoso del Baume. Vercelli, 8vo.
1874. SANDAHL, O. T. Om Opium samt andra smärtstillande och sömngifvande medel ur växtriket. Stockholm, 8vo, pp. 27.
1874. DEMONTPORCELET, C. *De l'usage quotidien de l'Opium. Les mangeurs d'Opium. Paris, 4to. Ibid. 8vo, pp. 31.
1874. TABIOTE, A. *Sur le traitement des Occlusions Intestinales à début rapide en particulier par l'Opium. Paris, 4to.
1875. BROWNE, W. A. F. Opiophagism, or Psychology of Opium-eating. London.
1875. VIGNAT, A. Étude sur l'Opium. Histoire de l'Opium. Ses caractères. Titration. Composés pharmaceutiques de ses Alcaloides et de leurs sels. Propriétés physiologiques de ses Alcaloides. Paris, 8vo, pp. 16.
1875. TOULMOUCHE, —. De la Dyssenterie épidémique, traitement chloruro-opiatique. Paris, 8vo.
- See also "Morphia" and "Papaver."

OPIUM, INDIGENOUS or EUROPEAN.

1819. LOISELEUR DES LONGCHAMPS, J. L. A. Observations sur la possibilité de retirer du Pavot somnifère cultivé en France, soit du véritable Opium en larmes, soit de différens extraits propres à le remplacer, &c. (Ex. in *Manuel des Plantes Indigènes*, 1819, p. 81 et seq.)
1831. GIMON, J. E. *Essai sur l'Opium retiré du Pavot somnifère cultivé, et sur l'Opium exotique. Paris, 4to.
1835. PECARRÈRE, E. Traité de l'Opium exotique et de l'Opium Indigène. Lagny, 4to, pp. 16.
1838. SCHOTTE, A. A. *De Opio Indigeno nonnulla. Berol. 8vo, pp. 28.
1853. AUBERGIER, H. Mémoire sur l'Opium Indigène. (Ex *Bull. de l'Acad. de Méd.*) Paris, 8vo, pp. 20.
1853. CHEVALLIER, A. Notice historique sur l'Opium Indigène. (Ex *Moniteur des Hôpitaux*, tom. i.) Paris, 8vo, pp. 24.
1855. DECHARMES, —. Mémoire sur l'Opium Indigène. Amiens, 8vo, pp. 32.
1855. ROUX, E. A. B. Observations sur l'Opium Indigène. (Ex *Compte Rendu de l'Acad. des Sci.*, t. xl, p. 150, et *Journ. de Pharm.*, Mars, 1855.) Paris, 8vo, pp. 8.

1865. ODEPH, A. *Traité de la culture de l'Opium Indigène, précédé de la possibilité pratique de la manière de l'obtenir en France; suivi de l'histoire de cette substance.*

Luxeuil, 12mo, pp. 150.

OPIUM.

Toxicology of.

1763. AWSITER, J. *Essay on the effects of Opium considered as a poison.* London, 8vo. *Bibl. Med.-Chir. Soc.*
A short abstract in *Haller, Bibl. Bot.*, ii, p. 530.
1791. HAMILTON, R. *Practical hints on Opium considered as a poison.* Ipswich, 8vo.
1816. ROUSSEAU, —. **Opium considéré comme poison.* Paris, 4to.
1831. AUCHER, J. J. **Essai toxicologique sur l'Opium.* Strasbourg, 4to.
1835. WIGGERS, A. *Die Trennung und Prüfung metallischer Gifte ...mit Rücksicht auf Blausäure und Opium.* Göttingen, 8vo.
1836. PONEY, F. L. **De l'Opium considéré sous le rapport de la médecine légale.* Montpellier, 4to.
1843. FAURE, A. P. *Vide "Opium,"* 1843.
1859. TARDY, J. L. *De l'empoisonnement thébaïque.* Thesis. Strasbourg, 4to, pp. 36.

OPUNTIA (FICUS) INDICA, DC.

Prickly Pear.

1808. ANDERSON, J. *Journal of the establishment of Nopal and Tuna for the prevention or cure of Scurvy, Dysentery, and Ulcers on shipboard, and mitigation of Famine on shore.* Madras, 8vo.
Analytical review in *Edinburgh Med. Surg. Journ.*, v, 1809, p. 481 *et seq.*
1859. FÉGUEUX, —. *Étude sur le Cactus Opuntia (Figuier de Barbarie).* Paris? 8vo, pp. 27.

ORCHIS, Sp. of.

Salep.

1738. DEGNER, J. H. *De Dysenteria bilioso-contagiosa, &c. In qua simul Corticis Simarubæ et Radicis Salab effectus exploratur.* Traject. ad Rhen. 8vo. *Bibl. Med.-Chir. Soc.*
1747. CARPOW, P. T. **De Orchide.* (Præs. G. C. Handtwig.) Bostochii, 4to, pp. 29.
Bibl. Radcliffe; Banks (sub nom. Handtwig).
1765. KEILHORN, G. S. **Diss. de radicibus Senegæ et Salab.* Francof. ad Viad. 4to, pp. 34. *Bibl. Banks.*
1820. WENDT, J. B. W. *Sur la racine appelée Salep et sur les substances propres à la remplacer.* (In Danish). Copenhagen, 8vo.
1822. BENZON, E. *Om det westindiske Saleb.* Copenhagen, 8vo.

ORIGANUM CRETICUM, Linn.

1840. MARQUART, L. C., et VOGEL, J. R. T. Beiträge zur Geschichte der Herba Origani Cretici. (Ex *Buchner's Repert. der Pharm.*, xxii, 3, p. 289-310.) Nürnberg, 8vo, pp. 24.

ORIGANUM MAJORANA, Linn.

Sweet Majoram.

1689. GRAV, G. Panacæa vegetabilis calida, sive Majorana nostra. Jenæ, 12mo, pp. 204. *Bibl. Banks.*
Collectanea.—*Haller, Bibl. Bot.*, i, p. 644.

OSMIUM et ACIDUM OSMICUM.

Osmium and Osmic Acid.

1825. GMELIN, C. G. Versuche über die Wirkung des Baryts... Osmiums, &c., auf den thierischen Organismus. Tübingen, 8vo.
See rev. in *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 135. See also "Metals," 1825.
1849. BRAUVELL, F. De Acidi Osmici in homines et animalia effectu, commentatio physiologica. Casani, 8vo, pp. 119.
1852. BUTTLEROW, A. Ueber die oxydirende Wirkung der Osmiumsäure auf organische Körper. Leipzig, 4to. (Ex *Mélanges Phys. et Chim.*, vol. i.)

OSTREA EDULIS, Linn.

The Oyster.

1818. PASQUIER, J. P. A. *Essai médical sur les Huitres considérées comme aliment et comme médicament. Paris, 4to et 8vo, pp. 75.
1821. GAILLON, B. Diss. sur les Huitres vertes. Rochefort, 8vo.
1824. SAINTE-MAIRIE, E. De l'Huitre et de son usage comme aliment et comme remède. Lyon, 8vo.
1863. FERRAND, E. Ostréonomie: huitres toxiques et huitres comestibles diverses, de leurs différentes compositions et des choix que doit en faire la thérapeutique. Lyon, 8vo, pp. 24.
1865. BRAULT, N., et PÉNEAU, E. De la guérison des Fièvres Intermittentes et larvées au moyen de l'os de Seiche et de l'écaille d'Huitre. Bourges, 8vo, pp. 29.

ACIDUM OXALICUM.

Oxalic Acid.

1776. ARVIDSSON, J. A. *De Acido Sacchari. Upsalæ, 4to.
Bibl. Med. Soc. Lond.
1804. SEERANE, J. B. Essai sur les Acides Oxalique, Muqueux et Subérique. Montpellier, 4to.
1821. PERCY, L. *De Acidi Oxalici vi venenata. Edin. 8vo.
Bibl. Linn. Soc.; Coll. Phys. Edin.; Manch. Med. Soc.

1822. VENABLES, R. A Lecture in which the nature and properties of Oxalic Acid are contrasted with those of Epsom Salts, and a very safe and effectual method of preventing fatal consequences from following the substitution of the former for the latter, &c.
London, 8vo, pp. 56.

The author's safe and effectual method of preventing accidents in these cases consists of enclosing in each packet of either salt small slips of test paper with printed instructions how to use them, and the effects observable in each case. The lecture is intended for the public rather than the profession.—*London Med. Phys. Journ.*, xlix, 1823, p. 159.

1823. CHRISTISON, B., et COINDET, C. W. An experimental inquiry on poisoning by Oxalic Acid. (Ex. in *Edinburgh Med. Surg. Journ.*, vol. xix, April, 1823, p. 164-202.)

A very complete and interesting memoir.

1824. KÜHN, O. B., et KÜHN, C. G. Versuche und Beobachtungen über die Kleesäure, &c. Leipzig, 8vo.

1824. KLOSTERMANN, T. H. *De Acidi Oxalici in organismum animale efficacia experimentis novis illustrata.

Berol. 8vo, pp. 41.

1827. KÜHN, C. G. De Salis Acetosellæ venenata virtute. (In ejus *Opuscula Academica*, vol. ii, p. 85.) Leipzig, 8vo.

1845. MITSCHERLICH, C. G. De Acidi Acetici, Oxalici, &c., effectum in animalibus observato. Berol. 8vo.

1861. LITTLEJOHN, H. D. Case of criminal poisoning with Oxalic Acid. Edin. 8vo. *Bibl. Coll. Phys. Edin.*

OXALIS ACETOSELLA, Linn.

Common Wood Sorrel.

1709. FRANKE, J. Herba Alleluja botanice considerata ex veterum et recentiorum decretis, imprimis propria praxi in nupera 1703 et 1704 febre epidemica Ulmæ observata. Ulmæ, 12mo, pp. 390, tab. i. *Bibl. Coll. Phys. Lond.; Banks.*

1717. FRANKE, J. De vera herba antiquorum Acetosella (Alleluja) ejusdemque virtute contra febres malignas, petechiales et pestem ipsam ἀκρδάμα historico-medicum. Augusta Vindelicorum, 12mo, pp. 390, tab. i. *Bibl. Banks.*

These two works are the same, differing only in the latter having a new title and a newly printed first page!—*Dryander.*

1781. THUNBERG, C. P. *Oxalis. Upsaliæ, 4to, pp. 32, tab. ii. *Bibl. Banks.*

1794. JACQUIN, N. J. Oxalis. Monographia iconibus illustrata. Vienna, 4to, pp. 119, tab. 81. *Bibl. Banks.*

This and the preceding work are botanical rather than medical.

OXYGEN.

1782. STOKES, J. *De Aere Dephlogisticato. Edin. 8vo.
Bibl. Coll. Phys. Edin.; Acad. Edin.
1784. POULLE, A. *De Aëre Vitali seu Dephlogisticato tanquam novo sanitatis præsidio. Monspelii, 8vo, pp. 48.
1784. BLECH, E. P. De Aeris Dephlogisticati usu in Asphyxia. Gottingæ, 8vo.
Bibl. Acad. Edin.
1787. MENSCHING, J. H. Diss. physica medica de Aëris Fixi et Dephlogisticati in medicina usu. Gottingæ, 8vo.
Bibl. Med. Soc. Lond.
1789. SCHUEER, F. L. Synthesis Oxygenii experimentalis confirmata. P. i et ii. Argentorati, 4to. German transl. Berlin, 1790 (1794?)
1793. FERRO, P. J. Ueber die Wirkungen der Lebensluft, &c. Wien, 8vo. Second ed., *ibid.* 1795.
1797. DE WITT, B. *A chemico-medical essay to explain the operation of Oxigene on the human body. Philadelphia, 8vo.
1798. WEYL, J. M. *De nonnullis gas Oxygenii ejusque basis proprietatibus. Lugd. Bat. 8vo, pp. 50.
1798. ALYON, P. P. Essai sur les propriétés médicales de l'Oxygène et sur l'application de ce principe dans les Maladies Vénériennes, psoriques et dartreuses. Paris, 8vo. German transl. Leipzig, 8vo, 1798. Portugese transl. Lisbon, 8vo, 1792. Second ed. Paris, 1799, 8vo, pp. 230.
Bibl. Med.-Chir. Soc.
- Upon the whole, we can only say of this work (the second edition) that it contains the chemical errors as before—it is written in the same style of dogmatism and self-conceit—it promises as before to furnish us with incontrovertible facts, but is replete with trifling and inconclusive observations. It again charges British practitioners with enthusiastic exaggerations, whilst almost every page seems to fix the accusation on the author.—*London Med. Rev. and Mag.*, vol. v, 1801, p. 38.
1798. ARCHER, C. Observations on the effects of Oxygen on animal and vegetable systems. London, 8vo.
Bibl. Coll. Surg. Lond.; Acad. Edin.
1799. MARABELLI, F. Osservazioni sull' Ossigeno, considerato come rimedio nella cura di alcune malattie. Pavia, 8vo.
1800. BARFOTH, A. H. *Animadversiones de virtute medica Oxygenii. Resp. J. O. Ruhnberg. Lundæ, 4to, pp. 12.
1800. KEUTSCH, J. M. F. De actione gas Oxygenii per pulmones respirati. Hainiæ, 8vo.
1800. HILL, D. Practical observations on the use of Oxygen or Vital Air in the cure of diseases. Contains cases of palsy, nervous debility, epilepsy, hydrocephalus, scrofula, white swellings and distortions of the spine, &c. London, 4to, pp. 58. German

transl. Göttingen, 8vo, 1801. 2nd. with appendix, London, 8vo, 1820, pp. 102. *Bibl. Coll. Phys. Edin.; Coll. Surg. Lond.* (2nd ed.).

The object of the author is to call the public attention to the practical value of oxygen in the treatment of disease, and he details nineteen cases, principally of scrofula and nervous affections, all of them cured by its agency. Five engravings accompany the work illustrative of some of the most remarkable effects of oxygen both on the human subject and on plants. — *London Med. Rev. and Mag.*, vol. v, 1801, p. 245.

1801. HODGES, J. *De Oxygenio. Edin. 8vo.
Bibl. Coll. Phys. Edin.; Manchester Med. Soc.
1801. MÜNCHMEYER, E. H. W. Diss. de viribus Oxygenii in procreandis et sanandis morbis: præmio ornata. Gottingæ, 4to.
Bibl. Roy.
1802. PINTO, A. DE. De efficacitate principii Oxygenetici in corpus animale, tam in statusano quam morbo. Lugd. Bat. 8vo.
Bibl. Roy.
1802. PLATT, C. Enquiry into the efficacy of Oxygen in the case of Syphilis, to which is subjoined general observations on its application in various other disorders. London, 8vo, pp. 100.
The results of Mr. Platt's trials with oxygen in syphilis were adverse to its claims as a remedy in that disease. See rev. in *Med. Phys. Journ.*, x, 1803, p. 90.
1803. BONGARD, H. G. Physisch-med. Abhandlung über die Wirkung des Sauerstoffs, &c. Landshut, 8vo.
1803. TOULON, G. W. VAN. De principii Oxygenetici, sive alimenti acidifici, eximia et amplissima in corpus humanum efficacitate. Traject. ad Rhen. 4to. *Bibl. Roy.*
1807. TYTLEB, R. De Oxygenio. Edin. 8vo.
Bibl. Coll. Phys. Edin.; Manchester Med. Soc.
1815. WIERZBOWSKI, G. *Diss. physico-chem. medica de Oxygenio. Viennæ, 8vo, pp. 5.
1827. SANTARELLI, M. Sull azione controstimulante dell Ossigeno. Roma, 8vo.
1832. COSTER, J. Traitement du Choléra-morbus par le gaz Oxygène. Paris, 8vo.
1832. TOUZET, —. Sur l'inspiration de l'Oxigène considérée comme préservatif et curatif du Choléra morbus et de quelques autres maladies. Paris, 8vo.
1839. SEARLE, C. Observations on "Oxygenous Aërated Water," as a grateful exhilarating beverage and as a remedy in debility, depression of spirits, &c. London, 8vo.
A popular rather than a professional work, though not devoid of originality.
1845. RIADORE, J. E. On the remedial influence of Oxygen or Vital Air, &c., in restoring the healthy functions of the principal

organs of the body and the nerves supplying the respiratory, digestive, and muscular systems. London, 8vo, pp. 178.

The bulk of the work is taken up with loose rambling remarks on food, various gases, electricity, galvanism, &c., eked out with numerous quotations from Liebig and others. As to oxygen, he states that he has found its inhalation of very great use in indigestion, "nervous debilitated conditions of the liver and kidneys" (?), asthma, paralysis, uterine affections, and externally in chronic swellings of the joints!—*Med.-Chir. Rev.*, July, 1845, p. 248. There is a very condemnatory notice of this work in *Brit. and For. Med.-Chir. Rev.*, June, 1845, p. 252.

1849. HOLMES, H. Cholera; its electrical origin and treatment by Isolation and Oxygen. (Pamphlet.) London, 8vo.
1854. [Anon] BIRCH, S. B.? On Oxygen Gas as an important curative agent, with extraordinary cures of various diseases by its use. London, 8vo, pp. 32.
1854. NEUFELD, O. Ozon, et quæ concludi possint e notis adhuc viribus ejus physicalibus, chemicis et physiologicis, in ultiores effectus in animantium naturas. Regiomonti, 8vo, pp. 46.
1855. HOLMES, H. Oxygen in Cholera. (Pamphlet.) London, 8vo.
1856. SCOUTETTEN, H. J. L'Ozone, ou recherches chimiques, météorologiques, physiologiques et médicales, sur l'Oxygène électrisé. Paris et Metz, 18mo, pp. 287, plates.
1857. BIRCH, S. B. A few facts respecting the therapeutic use of Oxygen, &c. Third ed. London, 8vo.
1860. FOUNTAIN, E. J. On Oxygen in Phthisis. *Vide* "Potassæ Chloras," 1860.
1860. CONDY, H. B. Disinfection and Hygiene by means of Oxygen in a nascent and active condition, or artificial Ozone. London, 8vo.
1863. MEISSNER, G. Untersuchungen über den Sauerstoff. Leipzig, 4to.
1866. DEMARQUAY, J. N. Pneumatologie. *Vide* "Inhalation," Part I.
1867. LAVAYGRE, L. DE. *Étude physiologique et thérapeutique de l'Oxygène. Paris, 4to, pp. 98.
1868. BIRCH, S. B. On the therapeutic action, use, and value of Oxygen in the treatment of various diseases otherwise incurable or very intractable. London, 2nd. ed. 8vo, pp. 149.

Dr. Birch has erred in setting forth oxygen as a panacea. With one's experience of panaceal literature, what can one hope from a work in which we are told that cancer, scrofula, neuralgia, asthma, bronchitis, phthisis, cardiac and hepatic disease, epilepsy, apoplexy, diabetes, paralysis, indigestion, &c., may be all or have been all successfully treated by the administration of oxygen? What other conclusion can we arrive at than that the author's zeal exceeds his reason? There are many points of the highest interest dealt with in Dr. Birch's book, and the reader will find many facts worthy of being considered and discussed most seriously, but we cannot think that the author has been well advised in urging definitive views on the therapeutical

application of oxygen. Nevertheless, those who would learn the virtues of oxygenated bread and water, ozonified oil, nitrous-oxide water, and peroxide of hydrogen, will find all they can wish for in this work.—*Practitioner*, August, 1868, p. 108.

1870. LENDER, C. Sauerstoff und Ozonsauerstoff nebst ihrer Anwendung bei Verwundeten. Berlin, 8vo, pp. 32.

1870. SMITH, A. H. Oxygen as a remedy in disease. (A prize essay.) New York, 8vo.

In this pamphlet Dr. Smith furnishes some interesting researches of his own, and has also summed up the results obtained by others with decent impartiality. In the absence of a complete treatise on the subject Dr. Smith's essay will be found very useful.—*Practitioner*, May, 1871, p. 298.

1871. BURRESI, P. Sugli effetti terapeutici della inalazione d'Ossigeno. Siena, 8vo, pp. 26.

1871. BAUDRIMONT, —. *Vide* "Potassæ Chloras," 1871.

1872. WALDMANN, W. Was sind und wie wirken Sauerstoff- und Ozonsauerstoff Inhalationen (?) Berlin, 8vo, pp. 27.

1873. SEVERINI, L. Azione dell' Ossigeno atomico sulla vita dei nervi. Studi sperimentali. Perugia, 8vo, pp. 178

1873. MAGNANT, E. De la méthode Oxygénante dans le traitement de la Phthisie Pulmonaire, &c. Bar-le-Duc, 8vo, pp. 97.

1873. FÉCÈRE, B. De l'Oxigène électrique et de l'emploi thérapeutique des eaux dites d'Oxigène et d'Ozone (Sauerstoff- und Ozonsauerstoff-Wasser). Rédigé d'après une publication allemande par Lender, 1870. Berlin, 8vo, pp. 16.

OZONE, *vide* "Oxygen."

PEONIA OFFICINALIS, Linn.

The Peony.

1599. BERGER, S. Von der Pæonienwurzel. Frankfurt, 4to.

1670. FRIDERICI, J. A. *De Pæonia. Resp. J. Geinitz. Jenæ, 4to. *Bibl. Banks.*

1680. HUNERWOLFFIUS, J. A. Anatomia Pæoniæ, in qua natales et qualitates Pæoniæ, itemque preparationes et medicamenta ex ea varia cum virtutibus et usu ad plurimos humani corporis affectus exhibentur. Arnsteti, 8vo, pp. 110.

Bibl. Med.-Chir. Soc.; Coll. Phys. Lond.

Curationes multæ, sed compositis perfectæ medicamentis, ut dici non possit, quæ portio laudis ad pæoniam pertineat. Ita in tussi convulsiva auctor emeticum dederat, in colica cum extracto Pæoniæ spiritum nitri dulcem. Vires anti-epilepticas sæpe herbæ tuetur, formularum numero dives, abaque fere historia naturali.—*Haller, Bibl. Bot.*, i, p. 609.

PALLADIUM.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts, ... Palladiums, &c., auf den thierischen Organismus. Tübingen, 8vo.

See *Edinburgh Med. Surg. Journ.*, xxvi, 1826, p. 136. See also "Metals," 1825.

PANCREATINA.

Pancreatine.

1872. DEFRESNE, T. Mémoire sur la Pancréatine; étude de chimie physiologique. Paris, 8vo, pp. 40.
1874. PAUL, C. Pancreatine in Dyspepsia. *Vide* "Pepsine," 1874.
1875. DEFRESNE, T. Recherches expérimentales sur le rôle physiologique et thérapeutique de la Pancréatine. Paris, 8vo, pp. 103.

PAPAVER SOMNIFERUM, Linn. et alt. Sp.

Poppy, Sp. of.

1681. BORRICHIVS, O. De somno et Somniferis maximè Papaveris. Hafniæ, 4to, pp. 40. *Bibl. Med.-Chir. Soc.*
Papaveris antiquitates. Inde analyses; vim opii esse in morandis motubus animalium.—*Haller, Bibl. Bot.*, i, p. 534.
1704. HOFSTETER, —. *Vide* "Opium."
1713. LOCHNER, M. F. Μηχωνοπαρινον, seu Papaver ex omni antiquitati erutum. Norimbergæ, 4to, ibid. 1719, pp. 182, tab. 30, ibid. 1719. *Bibl. Banks.*
Multum philologiæ ad somnifera et papaver pertinentis, nummi, gemmæ, lapides, quibus papaver insculptum.—*Haller, Bibl. Bot.*, ii, p. 111.
1718. FISCHER, J. A. *De Papavere erratico. Resp. C. Thomæ. Erfordisæ, 4to, pp. 28. *Bibl. Banks.*
1764. GARTHSHORE, M. *De Papaveris usu tam noxio, quam salutari in parturientibus ac puerperis. Edin. 8vo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*
1814. VIGUIER, L. G. A. Histoire naturelle, médicale et économique des Pavots et des Argémones. Montpellier, 4to, pp. 50, tab. i. *Bibl. Linn. Soc.*
1826. DE LA FOLIE, —. *Propriétés du Pavot indigène comparées à celles du Pavot exotique. Paris, 4to.
1827. PETIT, P. H. Mémoire sur le Pavot d'orient ou de Tournefort et analyse chimique de cette plante (ex *Journ. de Pharm.*). Paris, 8vo, pp. 20.
1829. PACHALIS, —. *De Papavere ejusque præparatis. Ticini, 8vo, pp. 28.
1834. ECKMAN, P. J. *De Papavere somnifero. Præs. P. J. Liebeck. Upsaliæ, 8vo, pp. 14.
1834. ISEB, F. S. Diss. circa Phytotoxicologiam...de Papaveraceis venenatis Bohemiæ. Pragæ, 8vo, pp. 69.
1853. MEUBEIN, VICTOR. Recherches sur la composition et les propriétés médicales des différentes sortes commerciales de Capsules de Pavot blanc, &c. Lille, 8vo, pp. 40.

PAPAVERINE.

1873. LANDERER, G. Ueber die Wirkung des Papaverin bei Geisteskranken. Tübingen, 8vo, pp. 33.

PAREIRA BRAVA.

1719. LOCHNER, M. F. Schediasma de Pareira Brava novo Americano, aliisque recentioribus calculi remediis. Norimbergæ, 4to, pp. 86, tab. 6. *Bibl. Med. Soc. Lond.*
1723. DALE, T. *De Pareira Brava et Serapia officinarum. Lugd. Bat. 4to, pp. 19. *Bibl. Banks.*
1730. TRICHMEYER, H. F. Programmata ii de Caapeba sive Pareira Brava. Jenæ, 4to. *Bibl. Radcliffe; Banks.*
1744. BÜCHNER, A. E. De Pareira Brava ejusque virtutibus medicis. Erfordiæ, 4to.
Analysis illa vulgaris et inutilis.—*Haller, Bibl. Bot.*, ii, p. 209.

1873. HANBURY, D. On Pareira Brava. (Ex. in *Pharm. Journ.*, iv, 1873, pp. 81, 102, and *Science Papers*, p. 382, seq. with plates.
A comprehensive account of the history and botanical source of Pareira brava, which the author proves to be the produce of *Chondodendron tomentosum* of Ruiz and Pavon. He prefers to retain this orthography of the generic name in place of *Chondodendron*, advocated by the eminent Brazilian botanist, Mr. Miers.

PARMELIA (LICHEN) PARIETINA.

Yellow Wall Parmelia, Ach.

1815. SANDER, G. C. H. As a substitute for Cinchona. *Vide* "Cinchona substitutes," 1815, p. 359.
1817. MONKEWITZ, J. H. *Chem.-medizinische Untersuchung über die Wandflechte (*Lichen parietinus*) und über die gebräuchlichsten Chinarinden. Dorpat, 8vo, pp. 38.
1817. STYX, M. E. *Ueber die Heilkräfte der Wandflechte als neu entdeckter, inländischer Substitut der Chinarinde. Dorpat, 8vo, pp. 39.
1818. MANNHARDT, J. *Lobariæ Parietinae seu Lichenis parietini *L.* analysis chemica denuo instituta. Kiliæ, 4to, pp. 24.

PAULLINIA.

1840. GAVRELLE, N. A. Notice sur une nouvelle substance médicinale appelée Paullinia. Paris, 8vo, pp. 24.
The article here treated of is probably identical with that subsequently denominated Guarana, a product of Paullinia, *Mart.* *Vide art.* "Guarana," p. 453.

PEAT MOSS.

1839. ROGERS, —. On the medicinal properties of pure Peat Moss carbonized. Loc. ? 8vo. *Bibl. Med.-Chir. Soc.*

PENGHAWAR DJAMBI.

1839. KOOL, J. A. Onderzoek van de Penghawar Jambie. Amsterdam, 8vo.
The drug penghawar djambi, consists of the hairy lower part of the stalk or stripes of a Sumatra fern, which has been identified with the *Cibotium Barometis* of J. Smith. It is made the subject of an excellent paper by the late Daniel Hanbury, who has brought to bear upon it that elaborate research and varied knowledge for which he was so distinguished. Curiously enough, however, he does not allude to the above essay. See his *Science Papers*, p. 120, and *Pharm. Journ.*, xvi, 1856, p. 278.

PEPSIN or PEPSINE.

1854. CONVISART, L. Dyspepsie et Consomption. Ressources que la Poudre Nutrimentive (Pepsine acidifiée), offre dans ces cas à la médecine pratique. Paris, 8vo, pp. 77. German transl. Pesth, 8vo, 1857.
This pamphlet points out the value of rennet obtained from the fourth stomach of the calf, so prepared as to be reduced to a pulverulent state, as an article of diet for the dyspeptic and consumptive.—*Dublin Quart. Journ. Med. Sci.*, xxi, 1856, p. vii.
1856. [Anon.] Sur les effets physiologiques et thérapeutiques de la Pepsine. Batignolles, 8vo.
1856. BALLARD, E. On Artificial Digestion as a remedy in Dyspepsia, Apepsia and their results. London, 8vo.
In this pamphlet Dr. Ballard sets forth the virtues of pepsine. He speaks of its use after a pretty extensive personal experience, and gives the history of nine cases in his own practice, and of eleven in that of others, in which it was productive of hopeful results.—*Medical Times and Gaz.*, November 29th, 1856.
1858. TOSI, G. Degli usi terapeutici della Pepsina, &c. Milano, 8vo, pp. 90.
1858. BASSLINGER, J. Pepsin; seine physiologischen Erscheinungen und therapeutischen Wirkungen gegen Verdauungsschwäche, &c. Wien, 8vo, pp. 216.
1858. BOUDAULT, M. On Pepsine. Translated by W. S. Squire. Second ed. London, 8vo, pp. 32.
Contains a correct translation of M. Boudault's paper, together with some valuable remarks by Drs. Chambers, Ballard, and Protheroe Smith on the cases in which this remedy is likely to prove useful.—*Medical Times and Gaz.*, April 3rd, 1858, p. 355.
1861. MIALHE, L., et PRESSAT, —. De la Pepsine et des propriétés digestives. Paris, 8vo, pp. 32.
1874. PAUL, C. Du traitement des Dyspepsies par les analeptiques, Pepsine, Maltine, Pancréatine. Paris, 8vo, pp. 24.
- PETASITES VULGARIS, Desf. (TUSSILAGO PETASITES, Linn.)
Butter Bur.
1759. BERGEN, C. A. VON. *Diss. de Petasitide. Resp. B. C. Malch. Francof. ad Viad. 4to, pp. 34. *Bibl. Banks.*

1771. HILL, Sir J. Cautions against the use of violent medicines in Fevers, and the virtue of Petasite Root. London, 8vo.
Bibl. Med.-Chir. Soc.
1779. NECKER, N. J. DE. Histoire naturelle du Tussilage et du Pétasite. Mannheim, 4to.
1809. BODARD, P. H. H. Essai sur les propriétés du Tussilage Petasites. Paris, 8vo.

PETROLEUM.—Vide "Bitumen and Bituminous Substances."

PEUCEDANUM OFFICINALE, Linn.

Hog's Fennel. Sulphur-wort.

1753. DELIUS, H. F. *Diss. med.-bot. de Peucedano Germanico. Resp. P. C. L. Wagner. Erlangæ, 4to, pp. 37.
Bibl. Banks ; Linn. Soc.
- A short abstract, chiefly pharmacological, in *Haller, Bibl. Bot.*, ii, p. 431.

PHALLUS IMPUDICUS, Linn.

Stinkhorn.

1865. KALENICZENKO, J. DE. Observations pratiques sur l'action médicale du champignon Phallus impudicus (Dziabka) dans certaines maladies de l'homme. (Ex. in *Union Médicale*, March, 1865.) Paris, 8vo, pp. 7.
For abstract of the facts contained in this pamphlet, see *Brit. and For. Med.-Chir. Rev.*, October, 1866, p. 527.

PHELLANDRIUM AQUATICUM, Linn.

Water Fennel. Fine-leaved Water Hemlock.

1699. FISCHER, T. F. De Phellandrii aquatici usu. Wittenbergæ, 4to, pp. 36, tab. i.
1739. ERNSTING, A. K. Phellandrologia physico-medica seu Exercitatio de medicamento novo vulgo Peersaat dicto. Brunsvigæ, 4to, pp. 39, t. i. *Bibl. Med. Soc. Lond. ; Banks.*
Bona icon radices et seminis...In Saxoniam inferiori semen habetur pro remedio vulnerum et ulcerum. Noster pro antipyræto habet. Analysis, &c.—Vide *Haller, Bibl. Bot.*, ii, p. 303.
1771. LANGE, J. H. Heilsame Wirkungen des Wasserfenchels oder Peersaats. Frankfurt und Leipzig, 8vo. Ibid. 1775, 8vo, pp. 48. Idem Helmstädt, 8vo, 1802. *Bibl. Banks.*
Phellandrii aquatici vires medicatæ, quas auctor exploravit ad vulnera, etiam maligniora, morsus, ulcera, etiam diuturna, pulmonis purulentiam, scorbuticam diathesin, asthma, &c. Seminibus dat drachmas in diem duas et tres. Iconem adjecit.—*Haller, op cit.*, p. 548.
1793. SCHWAN, J. P. *De Phellandrii aquatici characteribus botanico et usu medico. Præs. B. C. Otto. Traject. ad Viad. 4to, pp. 28. *Bibl. Banks (sub nom. Otto.)*

1802. **EBBINGE, J.** *De Phellandrio aquatico. Groningæ, 8vo, pp. 50. *Bibl. Roy.*
1802. **BERENS, —.** De Phellandrio aquatico, ejusque in Phthisi purulenta virtutibus. Francof. ad Viad.
1815. **FIQUEIREDO, J. J. DE.** Noticia do Phellandrio aquatico (Ex. in *Journ de Coimbra*, vol. vii, p. 80). Lisboa, 8vo.
1818. **BERTHOLD, A. H.** *De seminis Phellandrii aquatici virtutibus medicis cum ejus analysi chemica. Halæ, 8vo, pp. 44. *Bibl. Coll. Phys. Edin.*
1819. **STANELLI, H.** *De Phellandrio aquatico. Vratislaviæ, 8vo.
1828. **WENZEL, C.** Die Heilkräfte des Wasserfenchelsamens (*Phellandrii aquat. semina*) besonders in Lungensuchten in Psoasabscessen, in äusseren Geschwüren und im Keichhusten, &c. Erlangen, 8vo, pp. 136. *Bibl. Roy.*
- A full and scientific enquiry into the properties and uses of phellandrium seed. Cases of chronic bronchitis, hooping-cough, psoas abscess, and obstinate ulcerations, treated by it are recorded, with results on the whole satisfactory. For critical analysis, see *Dublin Journ. of Med. Sci.*, vol. ii, 1833, p. 89—91.
1856. **BELUGON, —.** De l'emploi médical des semences de Phellandrie. Montpellier, 8vo, pp. 16.

PHLORIDZINA.

Phloridizine.

1836. **KONINCK, L. DE.** Mémoire sur les propriétés et l'analyse de la Phloridzine. Louvain, 8vo.

For an excellent account of this bitter principle discovered by M. de Koninck in the bark and root of the apple, pear, cherry, and plum tree, see Dunglison's 'New Remedies,' seventh ed., p. 574. Its chief claim to notice is as an antiperiodic in intermittent fever.

ACIDUM PHOSPHORICUM.

Phosphoric Acid.

1781. **SPIELMANN, J. R.** Commentarium de analysi urinæ et Acido Phosphoreo. Argentorati, 4to. (In *Wittwer, Diss. Med. Argent.*, iv, p. 291). *Bibl. Med. Chir.-Soc. (Wittwer).*
1797. **MÜLKENS, J. B.** *De Acidi Phosphorici virtute medica. Duisburgi, 8vo, pp. 56. *Bibl. Roy.*
1799. **BASSENGE, J. F.** *De Acido Phosphoreo usui therapeutico rite accommodando. Lipsiæ, 8vo, pp. 35.
1802. **ENGEL, G. H.** *Diss. ossium Cariem atque Necrosin nec non Acidi Phosphorici in illis curandis efficaciam exhibens. Giessæ, 4to, pp. 62.
1802. **F. B.** Med.-praktische Abhandlung der Phosphorsäure angewandt in Neuropathie, ausschliessend auf Mutterkrämpfe. Wien, 8vo. *Bibl. Roy.*

1807. LUTZELBERGER, —. Observations sur l'efficace de l'Acide Phosphorique employé à l'intérieur dans les Pertes Utérines éminemment asthéniques. (Ex. *Journ. de Hufeland*, xxvi May, 1807).
1807. VRIES, P. DE. Observationes de Acido Phosphorico. Groningæ.
1808. RENARD, —. *De Acidi Phosphorici ad Necrosim, Carieque ossium sanandas utilitate. Paris, 4to.
1814. GOEDEN, H. A. Von der Arzneikraft der Phosphorsäure gegen den ansteckenden Typhus. Berlin, 8vo, pp. 152. *Bibl. Roy.*
1853. ZENKER, F. E. *De quibusdam ad rationem quæ est inter Acidum Molybdicum et Acidum Phosphoricum pertinentibus. Dresden, 8vo, pp. 12.
1870. ANDREWS, J. B. Physiological action and therapeutical use of the Acidum Phosphoricum dilutum. New York, 8vo ?

PHOSPHORUS.

1676. ELSHOLZ, J. S. De Phosphoris, observationes quatuor. Berolini, 8vo. Ibid. 1681.
1678. KUNCKELIUS, J. Tractatus de Phosphoro et Nitro. Wittembergæ, 8vo.
1678. BUCKELA, J. De Phosphoro mirabili. Lipsiæ, 12mo. *Bibl. Med. Soc. Lond.*
1680. CELLIO, M. A. Il Fosforo. Roma, 12mo.
1688. KLETWICH, J. C. *De Phosphoro liquido et solido. Francof. 4to. *Bibl. Coll. Phys. Edin.*
1690. KIRCHMAIER, G. C. *De Phosphoro. Vittebergæ, 4to. *Bibl. Med. Soc. Lond.*
1731. SACHS, —. *Diss. de Phosphoro. Argentorati, 4to.
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1745. BECCAUIUS, J. B. De quam plurimis Phosphoris nunc primum detectis. Bonon. 4to. *Bibl. Facult. Glasgow.*
1751. MENTZ, J. G. *De Phosphori loco medicamenti adsumti virtute medica, aliquot casibus insignibus confirmata. Resp. A. Vater. Wittembergæ, 4to. Idem in Haller's *Diss. ad Morb.*, vii, pp. 292. *Bibl. Med.-Chir. Soc. (Haller.)*
- Dr. Mentz appears to have been one of the first practitioners who prescribed phosphorus internally. In this thesis he gives the history of two cases of "putrid" or typhus, and one of the low "bilious" fever, successfully treated with it. A short abstract of these cases is given in *London Med. Review and Mag.*, vol. i, 1799, p. 74, seq. He likewise speaks of its efficacy in the adynamic (malignant) forms of smallpox.
1755. PENTEKI, C. W. *Diss. de Phosphori urinæ analysi et usu medico. Præs. E. A. Büchner. Halæ, 4to.
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1760. BARCHEWITZ, M. A. *Diss. medica sistens spicilegia ad Phosphori urinarii usum internum medicum pertinentia. Præs. E. A. Büchner. Halæ, 4to. Idem in *Sandifort Theat.*, i, p. 159. *Bibl. Med.-Chir. Soc.* (Sandifort).
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1768. REINLEIN, J. Diss. de Phosphoris. Vindobonæ, 8vo.
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 This thesis contains the history of twelve cases, ten of them low or typhus fever, in which phosphorus was employed with great advantage. For a good abstract of these, see *London Med. Review and Mag.*, vol. i, 1799, p. 76, seq.
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 In this treatise, Brera, after relating his own observations as well as those of other physicians on the use of phosphorus, gives a short history of a case of hemiplegia in which death followed its administration. He expresses his surprise at any physician recommending the use of so dreadful a remedy! The work on the whole contains much information and is well deserving of attention.—*Med. Phys. Journ.*, i, 1799, p. 412.
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 Divided into five chapters. 1st. Historical notice of phosphorus. 2nd. Its medical history, containing a list of preceding writers, arranged in chronological order, with the views of each respective writer. 3rd. Results of the foregoing chapter, with directions how to use phosphorus in the most advantageous manner. 4th. The author's own experiments on birds and quadrupeds, made with the view of determining its effects and *modus operandi*. 5th. On its nature and medical use. The author arrives at the conclusion that phosphorus is an efficacious and powerful remedial agent, that is by no means to be considered as a specific remedy against any particular disease, but may be successfully used in most diseases attended with extreme debility, after all

other means have been tried in vain to rouse the depressed vital powers. He was the first to discover that the addition of camphor greatly lessens the inflammability of phosphorus and thereby qualifies it to be used as an external application.—*London Med. Review and Mag.*, vol. iv, 1800, p. 1—5.

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1811. MARTINELLI, J. B. Sull' uso interno del Fosforo.
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Bibl. Coll. Surg. Lond.
1815. BOUDET, J. P. *Essai sur quelques préparations du Phosphore et de ses combinaisons.
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1815. LOBSTEIN, J. F. D. Recherches sur le Phosphore: ouvrage dans lequel on fait connaître les effets extraordinaires de ce remède dans le traitement de différentes maladies internes. Strasbourg, 8vo, pp. 107. American (English) transl. Philadelphia, 8vo, 1825. German transl. by G. W. Becker, Leipzig, 8vo, 1817.
Bibl. Coll. Surg. Lond.
- This monograph contains a copious historical notice of phosphorus, its chemical and physical properties, and an account of the diseases in which it had been previously employed, concluding with the author's original remarks and the results of his experience. Cases of typhus fever, pneumonia, periodical cephalalgia, chlorosis, &c., are given as illustrative of its efficacy. He administered it in solution in sulphuric ether with the addition of a few drops of an essential oil, and a little syrup or sugar.—*London Med. Phys. Journ.*, xxxvi, 1816, p. 337, seq.
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1817. HANKEL, F. *Diss. medico-chemica de Phosphoro.
Berolini, 8vo.
1818. ROSSI, J. H. Merkwürdige Beobachtungen über den innern und äussern Gebrauch des Phosphors, sowohl bei chronischen als auch bei einigen acuten Krankheiten. Wien, 8vo, pp. 60. *Ibid.*
1819. *Bibl. Coll. Surg. Lond.*
1830. DISTINON, C. VON. *Nonnulla de Phosphori vi et usu medico interno.
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1830. BAYLE, A. L. J. Sur le Phosphore. (Ex. in *Bibl. Thérapeutique*, vol. ii, p. 1—126.)
A full resumé of all that had been written up to date on the subject.
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1857. TURCK, L. Du Phosphore et de quelques phosphates aux points de vue physiologique, pathologique et thérapeutique.
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Paris, 4to.
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Paris, 8vo, pp. 32.
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Paris, 4to.
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London, 8vo, pp. 275.
This work contains a full account of the pharmacy of the drug, and of the

various formulæ in which it may be administered internally; a short notice of its physiological and toxic effects, and a much longer account of its therapeutic uses, and we know of no other place in which the information of the history, pharmacy, and uses of phosphorus is to be obtained in so complete and handy a form as in this volume. The bibliography at the end is alphabetically arranged, and therefore not so likely to be useful as if arranged chronologically.—*Edin. Med. Journ.*, May, 1875, p. 1034.

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Dr. Kirby regards phosphorus as a medicine especially calculated to supply or restore that principle to the system, and he specifies the cases in which its use is indicated. He maintains that its successful employment depends entirely on its administration in the free state, that is, before its conversion into phosphoric acid or other phosphorous compound. He therefore recommends its use in the form of pills, which he calls *Pilula Phosphori Mollis*, to distinguish it from the *Pilula Phosphori B. Ph.*, which is hard and insoluble.—*Brit. and For. Med.-Chir. Rev.*, October, 1875, p. 453.

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Its Poisonous and Injurious effects.

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Contains a summary of all that continental authors have written on the subject, as well as an original and satisfactory investigation of the disease. . . . Worthy in every way of the existing state of natural and strictly medical science.—*Brit. and For. Med.-Chir. Rev.*, April, 1848, p. 446, q. v. For full analysis of this important work, see also *Edin. Med. Surg. Journ.*, vol. lxxix, p. 123 and p. 288, where will be found a full digest of all that is in Bibba and Geist's work, accompanied by much original and interesting matter by Mr. J. B. Harrison on the injurious effects arising from the manufacture of lucifer matches at Manchester.

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 1854. GERDES, A. Diss. de Necrosi Phosphorea. Berlin, 8vo, pp. 32.

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1861. CHEVALLIER, A. Mémoire sur les allumettes chimiques préparées avec le Phosphore ordinaire, et sur les dangers qu'elles présentent sous le rapport de la santé des ouvriers, de l'empoisonnement, de l'incendie, &c. (Ex. *Ann. d'Hygiène*, 2nd series, 1861, vol. xv). Paris, 8vo, pp. 88.
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1862. GALLAVARDIN, —. Les Paralysies Phosphoriques. (Ex. *l'Art Médical*, 1862.) Paris, 8vo, pp. 31; idem Paris, 8vo, pp. 87, 1867. *Bibl. Med.-Chir. Soc.*
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Lipsiæ, 4to, pp. 15.
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1873. JAGU, A. *Contribution à l'étude de la Nécrose Phosphorée. Paris, 4to. *Ibid.* 1874, 8vo, pp. 62, pl. 8.
1874. TRÉLAT, —. Sur la Nécrose Phosphorée (marche et thérapeutique).
Paris, 8vo, pp. 10.
1875. ROMMELAERE, —. De l'empoisonnement par le Phosphore, et de son traitement par l'Essence de Térébenthine de France.
Bruxelles, 8vo, pp. 49

PHYSOSTIGMA VENENOSUM, Balfour.

Calabar Bean plant.

1855. CHRISTISON, R. On the properties of the Ordeal Bean of Old Calabar, Western Africa. (Ex. in *Edin. Monthly Journ. of Med.*, March, 1855, p. 193.)

A highly interesting narrative, containing the earliest scientific account of the physiological effects of Calabar bean on the human organism as experienced by the author in some trials which he made with it on his own person.

1863. FRASER, T. R. *On the characters, actions, and therapeutic uses of the Ordeal Bean of Calabar.
Edin. 8vo, pp. 44.
Bibl. Coll. Phys. Edin.

Next to Professor Christison, we are mainly indebted to Dr. Fraser for the introduction of physostigma into practice. He has extended and fertilised the first researches of Christison, and this thesis is a complete repertory of information on the subject. As a therapeutic agent he attributes to it a capacity of allaying morbid excitation of the spinal system, which indicates its use in tetanus and all hyperæsthetic conditions of the cord; a sedative

action on the heart which is of value in erysipelas, delirium tremens, febricula, acute bronchitis, and rheumatic fever; local anodyne properties in neuralgia; and the power of destroying the parasites of the skin.—*Lancet*, November 21st, 1863, p. 598.

1863. WARLOMONT, E. La Fève de Calabar, ses propriétés physiologiques et ses applications à la thérapeutique oculaire. (Ex. *Ann. d'Oculistique*.) Bruxelles, 8vo, pp. 32.

1863. HARLEY, G. An account of the literary history, botanical characters, and therapeutical properties of the Ordeal Bean of Old Calabar. London, 12mo, pp. 16.

An interesting *résumé* of known facts, of which the author has proved the accuracy by personal experiment. He concludes that the action of the Calabar bean on the heart is not that of a cardiac poison as circulation continues after apparent death from its action, and that it paralyzes the motor and not the sensory nerves.—*Lancet*, November 21st, 1863, p. 598.

1863. ROBERTSON, D. ARGYLL. The Calabar Bean as a new agent in ophthalmic medicine. Edin. 8vo.

1864. NUNNELEY, T. On the Calabar Bean, its action, preparations and uses. London, 8vo, pp. 38. *Bibl. Linn. Soc.*

Treats of, 1st, the internal effects of the bean given alone or in combination with strychnia. 2nd. The best solvent of its active principle. 3rd. Its local effect on the eye and the most convenient form for its use in practice. The whole subject is well summed up in this memoir.—*Medical Times and Gaz.*, January 9th, 1864, p. 50.

1864. TACHAU, J. Ueber die Wirkung des Calabarbohlen-Extractes. Zurich, 8vo. *Bibl. Manchester Med. Soc.*

1864. LOPÈS, J. C. L. *Étude sur la Fève de Calabar (Physostigma venenosum.) Paris, 8vo, pp. 78, cum tab.

1865. VÉE, A. *Recherches chimiques et physiologiques sur la Fève de Calabar. Paris, 8vo, pp. 34. *Bibl. Pharm. Soc.*

1867. TEICH, —. *Chemische Untersuchung der Calabarbohne. St. Petersburg.

Some of the results obtained by Teich are detailed by Flückiger and Hanbury in *Pharmacographia*, p. 169.

1857. FRASER, T. R. On the physiological action of the Calabar Bean. (Reprint from *Trans. of Royal Society of Edinburgh*.) Edin. 4to, pp. 74.

A remarkable paper. Dr. Fraser has here collected all that has been said as to the effects of the physostigma, and has added largely to our information by an extensive series of well-directed inquiries tending to elucidate the action of the substance on every part of the system whether administered by the stomach, hypodermically, or directly applied. The paper may stand as a model for such inquiries.—*Medical Times and Gaz.* April 25th, 1868.

1867. WATSON, EBBEN. On the physiological action of the Ordeal Bean of Calabar, and its antagonism to Tetanus and Strychnia-poisoning. (Ex in *Edin. Med. Journ.*, May, 1867, p. 999.)

Contains much that is interesting alike to the physiologist and therapist.

1868. ROEBER, H. *Ueber die Wirkungen des Calabar-extractes auf Herz und Rückenmark. Berlin, 8vo.
Presents in a concentrated form every fact and opinion of the slightest importance with regard to the action of Calabar bean which has been put forward by other observers. It contains also a record of a long series of the most painstaking and careful researches by the author in which he tests the correctness of previous theories upon every point concerning the action of the drug, especially on the heart and spinal cord. For an abstract of his conclusions, which confirm the statements of Professor Fraser, see *Practitioner*, August, 1869, pp. 117, 118.
1868. BOURNEVILLE, —. De l'emploi de la Fève de Calabar dans le traitement du Tétanos. Paris, 8vo, pp. 16.
1869. NAVARRO, F. DE P. *Étude sur la Fève de Calabar. Paris, 4to.
1870. BOURNEVILLE, —. De l'antagonisme de la Fève de Calabar et de l'Atropine. Paris, 8vo, pp. 8
1870. LEVEN et LABORDE. *Vide* "Eserine," 1870.
1871. FRANZOLINI, F. Tetano traumatico curato senza successo colla Fava del Calabar e col Cloradio. Padova, 8vo, pp. 24.
1872. FRASER, T. B. Experimental research on the antagonism between the actions of Physostigma and Atropia. (Ex. *Trans. Royal Soc. of Edinburgh*, vol. xxvi.) Edin. 4to.
A valuable addition to pharmacological literature. The author commenced his researches between the lethal actions of physostigma and atropia in 1868, and the experimental data and views embodied in this work harmonise with what Kleinwachter and Bourneville had previously written. The experiments were chiefly performed on rabbits by subcutaneous injection. The general conclusions arrived at from the results of 161 experiments are that atropia prevents the fatal effects of a dose of physostigma by influencing the functions of certain structures, and producing a physiological antagonism. The work is illustrated by careful diagrams, and altogether it exhibits patient honest toil, with considerable literary skill.—*Lancet*, June 1st, 1872, p. 760.
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1874. GRANDCLÉMENT et SORDES, MM. De la Fève de Calabar et de ses applications en oculistique. Paris, 8vo, pp. 23.
1875. BARBOSA, A. M. Recherches sur l'action de la Fève de Calabar, Mémoire lu à l'*Acad. Roy. des Sci. de Lisbonne*, December 15th, 1864. Traduit du Portugais par E. Bertherand. Marseille, 8vo, pp. 15.
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Poka. American Pokeweed.
1792. KÜHN, J. F. W. *De Phytolacca. Præs. B. C. Otto. Traject. ad Viad. 4to, pp. 19.
1795. SCHULTZ, B. *Botanico-medical diss. on Phytolacca decandra, Linn. Philadelphia, 8vo, pp. 55, tab. i.

1831. DUBUC, —. Mémoire sur le Phytolacca decandra, *Linn.*, ou Phytolaque. Rouen, 8vo, pp. 28.

PICHURIM BEANS AND BARK.

The products of *Nectandra Puchury*, Martius.

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An investigation into the action of the Pichurim beans and bark.—*Callisen.*
1815. HES, J. H. DE, et EGELING, W. Waarneemingen over het gebruik der Faba Pichurim in den Fluor Albus. Leyden, 8vo, pp. 32.

PICRIC ACID.

1865. ERB, W. Die Pikrinsäure, ihre physiologischen und therapeutischen Wirkungen. Würzburg, 8vo, pp. 36, tab. i.
1868. PARISSET, F. Propriétés thérapeutiques de l'Acide Picrique et spécialement de son emploi comme succédané du Sulfate de Quinine. Paris, 4to, pp. 44.

PICROTOXINE.

Poisonous principle of *Cocculus Indicus*.

1847. TSCHUDI, J. J. VON. Die Kokkelskörner und das Picrotoxin. St. Gallen, 8vo, pp. 130.
1851. GLOVER, R. M. On the physiological properties of Picrotoxin. (Ex. in *Edin. Monthly Journ. of Med.*, April, 1851, p. 305, *seq.*)

An important contribution to our knowledge of this principle.

1875. PLANAT, F. Recherches physiologiques et thérapeutiques sur la Picrotoxine. Paris, 8vo, pp. 32.
M. Planat's researches, as recorded in this work, have been directed to the endeavour to find some remedy for epilepsy. To this end he proposes picrotoxine, not as a specific but as a really useful medicine. The Paris Academy of Medicine, without guaranteeing the correctness of all M. Planat's observations and conclusions, has shown its estimation of meritorious work carried on through twelve years by awarding him one of the Barbier Prizes of the value of 500 francs.—*London Med. Record*, May 26th, 1875, p. 327.
See also "Cocculus Indicus," p. 366.

PILOCARPUS PINNATUS.

Jaborandi.

1875. FÉRÉOL, —. Note sur le Jaborandi du Dr. Coutinho. Clichy, 8vo, pp. 4.
1875. DUMAS, P. *Du Chlorhydrate de Pilocarpine. Paris, 4to.
1875. MACHIAVELLI, P. Lo Jaborandi del Brasile e lo Yaguarundi del Paraguay: comunicazione. Milano, 8vo, pp. 14.
1875. ROBIN, A. Études physiologiques et thérapeutiques sur le Jaborandi (*Pilocarpus pinnatus*). Paris, 8vo, pp. 127.

For an abstract of the observations of MM. Robin, Féréol, and others, including Drs. Gubler, and Coutinho, and Mr. Langley of Cambridge, see *Brit. and For. Med.-Chir. Rev.*, April, 1875, p. 506. See also *London Med. Record*, May 27th, 1875, p. 66.

1875. TIVRONI, G., et CHIOCCONI, G. B. Ricerche sperimentali sull' Jaborandi. Bologna, 8vo.

PIMPINELLA SAXIFRAGA, Linn.

Burnet Saxifrage.

1723. HEIMREICH, E. F. J. *De Pimpinella alba. Altdorff, 4to, pp. 20. *Bibl. Radcliffe; Banks.*
 1726. HERT, J. C. *De Pimpinella Saxifraga. Resp. L. H. L. Hitchen. Giessæ, 4to, pp. 32. *Bibl. Banks.*
 1757. HARNISCH, J. A. Meditationes botanico-medice de planta quadam Marchiæ propria Pimpinella nigra quibus demonstratur illam in multis morbis insignem possidere virtutem et efficaciam. Lipsiæ, 4to, pp. 48. Ibid. 1758. *Bibl. Med. Soc. Lond.*

PISTACHIA TEREBINTHUS, Linn.

1542. HOFFMAN VON HOFMANSTHAL, I. Die Caruba de Giudea gegen Lungendampf und andre Brustkrankheiten, naturhistorisch und medicinisch bearbeitet. Wien, 8vo, pp. 24, tab. i.

PINUS Sp. of.

1553. BELON *vel* BELLONIUS, P. De Arboribus Coniferis, resiniferis aliisque, &c. Paris, 4to, figs. *Bibl. Banks.*
 1679. AXTIUS, J. C. Tract. de Arboribus Coniferis et Pice conficienda. Jenæ, 12mo, pp. 118, tab. 5. *Bibl. Banks.*
 Non malus libellus, quo picis et fuliginis in Sylva Hercynia Thuringiæ parandæ modus traditur et carbonum. Reliquas etiam arbores coniferas percurrit, cum aliqua philologia, etiam de Agarico.—Haller, *Bibl. Bot.*, i, p. 603.
 1712. CAMERARIUS, R. J. Biga Botanica sc. Cervaria nigra et Pini coni, &c. Tubingæ, 4to, pp. 16. *Bibl. Banks.*
 1714. ROBERG, L. *De Piceæ, Pinique sylvestris resina. Resp. J. Hesselius. Upsaliæ, 4to, pp. 24. *Bibl. Banks.*
 Short notice of contents in Haller, *Bibl. Bot.* ii, p. 101.
 1754. BÜCHNER, A. E. *De Pinastro seu Pino sylvestri. Resp. G. E. Fuchs. Halæ, 4to, pp. 29. *Bibl. Banks.*
 1801. CAILLAU, J. M. Mémoire sur une prétendue pluie sulfureuse qui doit être attribuée à la poussière des Pins, &c. Bordeaux, 8vo.
 1805. CAILLAU, J. M. Notice sur l'emploi de l'écorce de Pin dans les Fièvres Intermittentes. Bordeaux, 8vo.
 1803-24. LAMBERT, A. B. A description of the genus Pinus, illustrated with figures...with remarks on the use of the several species. London, 2 vols. folio. Second ed. 3 vols. folio. London, 1828-1837, cum. tabs. col.
 A magnificently illustrated work.
 1831. NARDO, L. Corticis Pini maritimæ analysis chemica et usus medicus. Patavii, 8vo.

1834. NARDO, L. Su alcuni usi ed applicazioni economiche del Pinus maritima, e della sua corteggia. Venezia, 4to, pp. 20.

1835. KRATZMANN, E. J. *De Coniferis usitatis. Pragæ, 8vo, pp. 80.

1856. LAGASSE, E. Notice sur l'extraction de la Sève du Pin maritime des Landes, de la Gironde, et sur l'efficacité de ce médicament, &c. Bordeaux, 8vo, pp. 16.

1868. RAY, G. Studien über Pharmacologie und Pharmokodynamik d. Oleum Pini æthereum (Oleum Templinum). Tübingen, 8vo, pp. 101.

PIPER (CHAVICA) BETLE, Linn.

The Betel Vine or Pepper.

1804. PÉRON, F. Observations sur la Dyssenterie des pays chauds et sur l'usage du Bétel. Paris, 8vo.

For a slight sketch of the medicinal uses of this plant, especially of its leaves as an external application in catarrhal and pulmonary affections, see *Pharmacopœia of India*, p. 208.

PIPER METHYSTICUM, Linn.

Kava of the Sandwich Islands, &c.

1856. O'BORKE, —. Du Kawa-kawa ou Piper methysticum. Paris, 8vo, pp. 12.

Mr. T. R. N. Morson furnishes an interesting account of this article in *Pharm. Journ.*, April, 1844, p. 471, illustrated with a plate of the plant and magnified sections of the stem. Amongst other matters he cites a full description of the ceremony of kava drinking from Mariner's *History of the Tonga Islands*. Further details, derived from personal observation, are furnished by Dr. G. Bennett in his *Gatherings of a Naturalist* (London, 1860), p. 392. He also mentions its medicinal properties, which certainly seem to warrant more attention than has been paid to them.

PIPER NIGRUM, Linn., et PIPERINA.

Black Pepper and Piperine.

1588. BAYLEY, WALTER. A discourse of three kinds of Pepper in common use. London? 8vo.

1642. BECKER, D. D. De Pipere et Opio. Resp. H. Custerus. Regiomonti, 4to.

1740. PFEFFER, G. C. De Pipere. Præs. L. Heister. Helmstadii, 4to, pp. 48, tab. i. *Bibl. Banks.; Linn. Soc. (sub nom. Heister)*.

1823. MELI, D. Nuove esperienze ed osservazioni sul modo di ottenere dal Pepe nero il Peperino e l'olio acre, e sull' azione febbrifuga di queste sostanze. Milan, 8vo, pp. 136, fig. i.

Contains the first satisfactory account of the medicinal properties of pepper (Dr. A. T. Thomson, *Mat. Med. and Therap.*, p. 495). For a summary of Meli's observations and those of others who have written on the physiological effects and the therapeutic uses of piperine, see *Dunglison's New Remedies* (7th ed.), p. 575, et seq.

1826. JOSEPH, M. *De Pipere nigro. Ticini, 8vo, pp. 16.

1827. EDGREN, P. A. *Piper nigrum. Præs. C. P. Thunberg.
Upsaliæ, 4to, pp. 12.
1831. BONANNO, A. Del uso del Pepe nero nelle Febbri periodiche
(In *Atti dell' Acad. di Sci. Nat.*, vol. v, 1831). Napoli.
1852. THÉNEVON, A. J. Essai sur la famille des Pipéracées et parti-
culièrement sur l'emploi en médecine de quelques plantes de
cette famille. Strasbourg, 4to, pp. 56.

PIX LIQUIDA.

Tar.

1679. AXTIUS, J. C. De Arboribus Coniferis et Pice comficienda.
Vide "Pinus," 1679. Jenæ, 12mo.
1714. ROBERG, L. *De Piceæ Pinique sylvestris resina. *Vide*
Pinus, 1714. Upsaliæ, 4to.
1744. BERKELEY, G. (*Bishop of Cloyne*). Siris: a chain of philo-
sophical Reflections and Inquiries respecting the virtues of Tar
Water, &c. London, 8vo. French transl. Amsterdam, 1745,
12mo. Dutch transl. Amsterdam, 1747, 8vo. German transl.
Leipzig, 1747, 8vo, and Frankfort, 1749, 8vo. Swedish transl.
Stockholm, 1744, 8vo.
Bibl. Med.-Chir. Soc. ; Acad. Edin. ; Coll. Surg. Lond.
- Without detracting from the merits of this good man, to whom the poet
ascribed "every virtue under heaven," it is certainly open to question how
far he displayed his wisdom in publishing this work on tar water, which he
lauds as a *panacea*, curative of almost all the ills which flesh is heir to, and
preventive of infection, and the inroads of old age! Few works of the
kind, perhaps, ever excited greater attention, both in and out of the pro-
fession, at the time of its publication, and it gave rise to a large number of
pamphlets (besides those enumerated below), many of which are preserved
in the libraries of the Royal Medical and Chirurgical Society and the College
of Surgeons, London.
1744. JACKSON, H. Reflexions concerning the virtues of Tar
Water. London, 8vo. *Bibl. Med.-Chir. Soc.*
1744. R[EEVE], T. Cure for the epidemical madness of drinking
Tar Water. London, 8vo. *Bibl. Med.-Chir. Soc.*
1745. HALES, S. Account of some experiments and observations
on Tar Water. London, 8vo. Second ed. with a letter from A.
Reid on Tar. London, 1747, 8vo. *Bibl. Med.-Chir. Soc.*
1745. QUELMALZ, S. T. Programma quo infusum Picis liquidæ
aquosum declaratur. Lipsiæ, 4to.
1746. PRIOR, T. Narrative of the success of Tar Water in curing
a variety of distempers. London, 8vo. Second ed. Dublin, 1758.
Bibl. Med.-Chir. Soc. ; Manchester Med. Soc.
1747. BERKELEY, G. (*Bishop*). Two letters on the usefulness of
Tar Water in the Plague. London, 8vo. *Bibl. Radcliffe.*
1752. BERKELEY, G. (*Bishop*). Further thoughts on Tar Water.
London, 8vo. *Bibl. Radcliffe.*
1757. FLEHEL, G. De infuso Picis liquidæ. Viennæ, 4to.

1817. CRICHTON, Sir A. Account of some experiments made with the vapour of Boiling Tar in the cure of Pulmonary Consumption. Edin. 8vo.
1818. LAZZARETTO, E. Practical hints on the nature and cure of Consumption, with cases in proof of the beneficial effects of inhaling the Fumes of Pitch as a powerful auxiliary to other treatment. Loc?
1823. CRICHTON, Sir A. Observations on the treatment and cure of several varieties of Pulmonary Consumption, and on the effects of the vapour of Boiling Tar in that disease. London, 8vo, pp. 261. *Bibl. Coll. Phys. Edin.*
- This is an extension of the pamphlet published by the same author in 1817 (*antè*). In this work he does not confine himself strictly to an examination of the sanative powers of tar vapour and its application in the cure of consumption, but enters into details on many points connected with the pathology of the disease....The work is not entitled to much praise either for novelty of information or excellence in matter or performance.—*Edin. Med. Surg. Journ.*, January, 1824, p. 205.
1832. GIRON, L. *Sur les Maladies Cutanées et sur l'emploi du Goudron dans le Prurigo. Paris, 4to. *Bibl. Med.-Chir. Soc.*
1832. ELBERS, L. *De Pice Liquidida. Berol. 8vo, pp. 25.
1860. SALES-GIRONS, —. Traitement de la Phthisie Pulmonaire par l'inhalation des liquides pulvérisés et par les fumigations de Goudron. Paris, 8vo, pp. 332. *Bibl. Med.-Chir. Soc.*
1860. JEANNEL, J. Lettre à M. le Dr. Sales-Girons sur la théorie de la Désinfection par le Goudron. Bordeaux, 8vo, pp. 8.
1868. LEFORT, J. Recherches sur la préparation et les propriétés chimiques de l'Eau de Goudron. Paris, 8vo, pp. 11.
1870. MAGNES-LAHENS, —. Note sur la Liqueur et l'Eau de Goudron Goyot. Toulouse, 8vo, pp. 8.
1871. MAGNES-LAHENS, —. Mémoire sur le Goudron pulvéulent. Suiui d'une note sur le Coal Tar pulvéulent et sur son emploi dans le pansement des plaies. Toulouse, 8vo, pp. 11.
- See also "Coal Tar," p. 365.

PLANTAGO MAJOR, Linn.

Greater Plantain.

1712. WEDEL, G. W. *De Plantagine. Resp. N. Chiliani. Jenæ, 4to, pp. 36. *Bibl. Linn. Soc.*
- Analysis aliqua, nimisæque vires.—*Haller, Bibl. Bot.*, i, p. 559.

PLATANUS ORIENTALIS, Linn.

Oriental Plane Tree.

1837. PEPE, V., et CUPIDO, G. Analisi del frutto del Platano orientale con cui è stato preparato il Liquore Anticolerico, con altri composti attivi a curare i Colerici, &c. Napoli, 8vo, pp. 32.
1840. BOUCHÉ DOUMENQ, —. Notice sur le Platane. Montpellier.

PLATINUM.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts... Platins, &c., auf den thierischen Organismus. Tübingen, 8vo.
See *Rev. Edin. Med. Surg. Journ.*, xxvi, 1826, p. 135. See "Metals," 1825.
- 1840 (?) HOEFER, F. Observations et recherches expérimentales sur le Platine comme agent physiologique et thérapeutique. Paris, 8vo.

PLOCARIA CANDIDA, Nus.

Ceylon Moss.

1840. SIGMOND, G., et FARRE, F. Essay on the Ceylon Moss (*Sphærococcus lichenoides*, Kutz.) London, 12mo, pp. 85.
Under the name of *Fucus amylaceus* Sir W. Brooke (O'Shaughnessy), in 1834, first called attention in recent times, to the dietetic and medicinal uses of Ceylon moss. *Vide Indian Journ. of Med. Science*, March, 1834. A summary of his observations he reproduced in his *Bengal Dispensatory*, p. 668 *et seq.* For a coup d'œil of the observations of Sigmond and Farre, of Mr. Previté (who introduced it into England about the year 1837), and of others, see *Pereira's Mat. Med.*, vol. ii, pt. i, p. 13, where will be found a very full account of the article.

PLOCARIA HELMINTHOCORTON, Endl.

Corsican Moss.

1778. STEFENOPOLI, D. Mémoire sur le Lemithochorton, reconnu comme Vermifuge spécifique dans les hôpitaux militaires, et par les observations des médecins de France. Loc? 4to, pp. 24.
1780. SCHWENDIMANN, P. J. Helminthochorti historia, natura, atque vires. Argentorati, 4to, pp. 40. Idem in *Schlegel's Thes. Mat. Med.*, iii, art. 33, p. 181.
Bibl. Banks; Med.-Chir. Soc. (Schlegel).
Contains a full description of apparently all that was known up to that time of the botanical, chemical, and medical history of this article. Several cases are given to illustrate its powers and virtues as an anthelmintic, in which character it is pronounced to act "citissime, jucundissime et tutissime."
1782. LATOURBETTE, M. A. L. C. DE, Diss. botanique sur le Fucus helminthochorton ou Vermifuge de Corse. (Ex. in *Journ. de Physique*, t. xx, pp. 168-184.
Bibl. Banks.
1792. HAEMMERLEN, D. A. *De Fuco helminthochorto. Erlangæ, 8vo, pp. 53, tab. i. (Idem in *Schlegel, Thes. Mat. Med.*, iii, art. 34, pp. 208.)
Bibl. Banks; Med.-Chir. Soc. (Schlegel).
Contains later and further information on the botany and chemistry of this article than is to be found in Schwendimann's essay, together with additional evidence of its vermifuge powers.
1822. FARR, W. On the effects of Fucus helminthochorton upon Cancer, more especially in the stage denominated Occult.
Mr. O'Meara having mentioned to Mr. Farr that Napoleon (!) had informed him that he had seen the efficacy of "Mosse de Corse" in dispersing tumours in Corsica, acted on the hint, obtained a supply, and found that

it "more than answered the expectations he had first formed of it"! A very doubtful form of testimony! Farr limits its use to "occult cancer." Even in these doubtful cases it is now justly discarded. See notice in *Med. Chir. Review*, March, 1822, p. 732.

PLUMBAGO EUROPEA, Linn.

Dentillaria, Toothwort.

1781. JUSSIEU, A. L. DE. Détails des expériences pour déterminer les propriétés et les effets de la racine Dentelaire (*Plumbago Europæa*) dans le traitement de la Gale. Paris, 4to.
1817. HURTADO DE MENDOZA, DON MANUEL. Die Ratanhiawurzel: übersetzt mit einer Vorrede über die Anwendung der *Plumbago Europæa* (als *Stypticum*) von Leo Lebrecht. Mainz, 8vo, *Bibl. Roy.* pp. 45.

PLUMBUM.

Lead and its preparations.

1700. SEERUP, N. *Triumphus Lithargyrii, seu Diss. medico-chemica qua vindicatur Saccharum Saturni et Mercurius Lithargyrii ab animadversionibus D. C. Jægerschmidii.* Resp. E. Moinichen. Hafniæ, 4to.
1704. Proceedings of the College of Physicians in relation to the seventy-four observations upon the use of Lead. London, 8vo.
This work is inserted on the authority of Haller (*Bibl. Med. Pract.*, iv, p. 381), but I find no mention of it elsewhere, not even in the Catalogue of the College of Physicians' Library.
- 1707 ZELLER, J. *Docimasia, signa, causæ et noxæ Vini Lithargyrio-mangonisati.* Tubingæ, 4to.
1712. TOLCKEMIT, S. *De Sacchari Saturni usu et abusu.* Lugd. Bat. 8vo? *Bibl. Manchester Med. Soc.*
1718. ALBRECHT, J. S. **Diss. medica de Cerussa.* Jenæ, 4to, pp. 32. *Bibl. Coll. Phys. Edin.*
1720. FISCHER, J. A. *Diss. de Saturno, ejusdemque natura, usu et noxa.* Resp. J. C. Orth. Erfordiæ, 4to, pp. 24. *Bibl. Banks.*
- 1730 (circa). LE DRAN, H. F. *Lettre sur la dissolution du Plomb dans la Vessie.* 12mo, sine loco et anno. *Bibl. Med.-Chir. Soc.*
1741. HUNDERTMARK, —. *Exercitatio de Sacchari Saturni usu interno salubri, &c.* Lipsiæ, 4to.
1760. GOULARD, M. *Traité sur les effets des préparations de Plomb, et principalement de l'Extrait de Saturne employé sous diverses formes et pour différentes maladies chirurgicales.* Pézenas et Montpellier, 2 vols. 8vo. English transl. London, 12mo, 1769, 1770, 1777. *Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.*

1770. ARNAUD, G. Remarks on the composition, use, and effects of Extract of Lead of Goulard and of his Vegeto-Mineral Water. London, 12mo. *Bibl. Med.-Chir. Soc.*
1771. AIKIN, J. Observations on the external use of the preparation of Lead. London, 8vo. Second ed. 1772. German transl. Altenburg, 8vo, 1776, und Halle, 8vo, 1783. French transl. by Verlac, Paris, 12mo, 1787. *Bibl. Med.-Chir. Soc.; Acad. Edin.; Manchester Med. Soc.*
1772. ALBRECHT, S. J. A. *Medicamentorum Saturninorum et Jovialium historia. Göttingæ, 4to. *Bibl. Med.-Chir. Soc.*
1775. LILIE, G. G. *De Plumbi virtutibus medicis. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Med. Soc. Lond.*
- 1776-7. WERCHAV, —. *De Plumbo ejusque in corpus humanum vi medicamentosa varia. Lipsiæ, 4to.
1785. SCHMITT, W. J. Antigoulard, in Wahrnehmungen über die Missbräuche und Unsicherheit des Bleiextracts, &c. Wien, 8vo. *Bibl. Roy.*
1787. NEBEL, —. *Diss. de Plumbo. Heidelbergæ, 4to.
1788. MURRAY, A. J. G. De Extracto Saturni et Aqua Vegeto-minerali. Göttingæ, 8vo, pp. 48. *Bibl. Roy.*
1794. CLUTTERBUCK, H. On the internal use of Lead as a medicine, &c. London, 8vo. *Vide "Injurious Effects," infra, 1794.*
1797. HOFFMANN, J. C. Über das Blei, die Bleiglasur und wie man eigentlich die Auflöslichkeit der letztern betrachten müsse, &c. Leipzig, 8vo.
1801. SEMMES, T. *Essay on the effects of Lead, comprising a few experiments on the Saccharum Saturni, and its application in the cure of diseases. Philadelphia, 8vo.
Contains many striking and original observations, and distinguished by depth of reflection and solidity of judgment.—*Amer. Journ. Med. Sci.*, xvii, 1835, p. 272.
1801. STARCK, J. G. *De usu Sacchari Saturni in Phthisi pulmonum confirmata. Marburgi, 4to, pp. 29. *Ibid.* 1803. *Bibl. Roy.*
1801. EHLERS, E. A. *De Plumbeorum usu interno problematico. Kiliæ, 8vo.
1809. OSSANN, E. *Diss. sistens Saturni usum medicum maxime internum. Jenæ, 8vo, pp. 64.
1810. NICOLI, A. *De Plumbo. Edin. 8vo.
1811. BARRÈRE, J. *Essai sur le Plomb et sur les préparations médicinales tirées de ce métal. Paris, 8vo.
1813. MAC-ADAM, G. C. *De usu Plumbi externo. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Manchester Med. Soc.*
1816. BLECKER, J. *De Plumbo ejusque præparatis et eorum in medicina usu. Groningæ, 8vo, pp. 40. *Bibl. Roy.*
1818. STENBERG, J. O. *De usu Acetatis Plumbici crystallisati in Phthisi et Hæmoptysi. Lundæ, 4to, pp. 12.

1818. **TOURNAL, H.** *Propriétés de l'Acétate de Plomb dans le traitement des Plaies, Ulcères, &c. Paris, 4to.
1820. **FOUQUIER, P.** Considérations générales sur le mode d'administration des médicamens et observations sur l'usage interne de l'Acétate de Plomb. Paris, 8vo.
1828. **ROTTEB, C. E.** *De Plumbi vi et efficacia. Lipsiæ, 4to, pp. 28.
1829. **LEVRAT-PEROTTON, J. F.** Observations sur l'emploi médical de l'Acétate et du Sous-Acétate de Plomb, &c., dans quelques névroses du cœur et des organes de la génération; précédées d'un exposé succinct des auteurs qui ont administré les préparations Saturnines. Marseille, 8vo, pp. 28.
1831. **O'SHAUGHNESSY (BROOKE) Sir W. B.** Essay on Iodine in Scrofulous diseases, &c., with appendix on the Iodurets of Mercury, Lead, &c. *Vide "Iodine,"* 1831.
1836. **ESBENSEN, A.** *De Plumbi usu interno. Halæ, 8vo, pp. 38.
1845. **RUMPELT, F.** Das Blei und seine Wirkungen auf den thierischen Körper. Leipzig, 8vo, pp. 267. Alt. ed. *ibid.* 1850.
The work presents a number of very interesting and valuable facts, and is, on the whole, calculated to improve our knowledge of the diseased condition produced by the action of lead upon the animal body.—*Amer. Journ. Med. Sci.*, October, 1864, p. 443-8.
1849. **CUNIER, F.** De l'emploi de l'Acétate de Plomb Neutre selon la méthode de M. Buys dans le traitement de quelques affections oculaires. Bruxelles, 8vo, pp. 29. *Bibl. Manchester Med. Soc.*
1852. **ALDERSON, Sir J.** On the effects of Lead upon the system, and on the mode in which water is rendered impure by the presence of Lead (Lumleian Lectures). London, 4to.
Bibl. Med.-Chir. Soc.
These lectures, three in number, are devoted to a general description of the chronic effects of lead, and to an account of the best means of remedying them.... The author furnishes an admirable summary of all that is known on the subject.—*Brit. and For. Med.-Chir. Rev.*, April, 1853, p. 315.
1855. **GUÉRAUD, D.** *Du Sous-acétate de Plomb en injections intestinales, dans la Diarrhée et la Dysenterie. Paris, 4to, pp. 25.
1856. **CORSON, J. W.** On the effects of Lead on the Heart. New York, 8vo, pp. 24.
This pamphlet constitutes a carefully written though not altogether novel addition to our knowledge of the effects of lead on the system. Attention is particularly directed to the enfeebling action of this mineral on the heart and muscular system.—*Dublin Quart. Journ. Med. Sci.*, xxi, 1856, p. 410.
1861. **PLAGNOL, C.** *Étude des effets du Plomb et de ses composés dans l'économie animale. Montpellier, 4to, pp. 92.
1866. **IMFIELD, C.** *Über die Anwendung des Plumbum aceticum in Rheumatismus acutus. Stans, 8vo.

1871. STROHL, E. Mém. sur le traitement de la Pneumonie par l'Acétate neutre de Plomb. Paris, 8vo, pp. 32.
- n. d. MITSCHERLICH, C. F. Ueber die Wirkung des Essigsäuren Bleioxyds auf den thierischen Organismus. 8vo.
Bibl. Coll. Surg. Lond.

PLUMBUM.

Injurious and Poisonous effects of.

1656. STOCKHAUSEN, S. De Lythargyri fumo noxio morbifico ejusque metallico frequentiori morbo vulgo dicto die Huttenkaze oder Huttenrauch. Gozlar, 8vo. French transl. Paris? 1776, 12mo.
One of the earliest writers who described colica pictonum, and pointed out its connection with lead poisoning. Haller (*Bibl. Med. Pract.*, iii, p. 52) thus summarises his observations:—"Novum morbum describit; primum quidem a plumbo natum, cum immenso alvi dolore, eaque pertinacissime obstructa, cum cardialgia, syncope, inflammatione intestinorum, urinæ suppressione, deinde cum membrorum paralyti et convulsione et universi corporis atrophia...Malum non ab arsenico esse, neque ab antimonio, a sulfure, a cadmia, a vitriolo, sed ab ipso lithargyrio...Ad curationem *Benedictam* laxativam sæpe non posse alvi stricturam superare. Clysterum necessitas. Emetica in morbi principio, deinde scammonium, jalappa, anodyna, emollientia."
1712. STOCKHAUSEN, P. W. *De Colica Saturnina. Jenæ, 4to.
Bibl. Med. Soc. Lond.
1721. WEDEL, G. W. *Æger Colica Saturnina laborans. Jenæ, 4to.
Opium valde noxium esse.—*Haller, op. cit.*, vol. iii, p. 210.
1752. GRASHUIS, J. Tentamen de Colica Pictonum. Amst. 8vo.
Bibl. Acad. Edin.; *Manchester Med. Soc.*
Grashuis was the first to point out the value of alum as a remedy in lead colic.
1757. TRONCHIN, T. De Colica Pictonum. Geneva, 8vo.
Bibl. Med.-Chir. Soc.
In this work Tronchin proved that the occurrence of lead colic at Amsterdam was due to the employment of lead instead of tiles for the roofing of houses, in consequence of which the water became impregnated with the metal, and acquired poisonous properties.—*Brit. and For. Med.-Chir. Rev.*, April, 1853, p. 314. An "Examen" of this work was published by M. P. Bonvaert, Paris, 8vo, 1758.
1774. PERCIVAL, T. Observations and Experiments on the poison of Lead. London, 12mo. *Bibl. Med.-Chir. Soc.*; *Acad. Edin.*
1777. NAVIER, P. T. Contre-poisons de l'Arsenic...et du Plomb. Paris, 2 vols. 8vo. *Bibl. Acad. Edin.*
Navier proposed hepar sulphuris as an antidote in lead poisoning.
1781. CHORLEY, E. *De Plumbi in corpus humanum viribus et nozarum remediis. Lugd. Bat. 4to, pp. 16. *Bibl. Roy.*
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1820. ORRY, A. R. *Colique de Plomb. Paris, 4to.
1821. LILIENHAIN, L. *Disquisitio circa Saturnum et morbos Satur-
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is infinitely more valuable, old opinions disproved are substituted by the analysis of numerous and accurate facts, and some original propositions established in the same manner.—*Brit. and For. Med. Rev.*, January, 1838, p. 55.

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This treatise comprises separate dissertations upon the following subjects:—
1. Lead Colic ("Colique de Plomb ou Saturnine"). 2. Rheumatism or Neuralgia from Lead ("Arthralgie Saturnine"). 3. Paralysis from Lead ("Paralyse Saturnine"). 4. Loss of Sensation from Lead ("Anesthésie Saturnine"). 5. Delirium, Coma, &c., from Lead ("Encéphalopathie Saturnine"). These are preceded by a few remarks upon the effects produced on the system (e.g. the peculiar bluish tinge of the gums) by lead previous to the development of the more decided form of disease or saturnine diathesis, which the author terms "Intoxication Saturnine primitive." Vide *Brit. and For. Med. Rev.* Oct., 1840, p. 427, where a full analysis of this valuable monograph will be found. See also *Edin. Med. Surg. Journ.*, vols. lxxvii, p. 153-199, and lxxix, p. 155-206.

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1850. HARRISON, J. B. Remarks on the contamination of Water by the poison of Lead, and its effects on the Human Body. London, 12mo, pp. 32. Second ed. 1852, London, 8vo, pp. 196.

Contains an able and excellent, though concise description of the deleterious effects arising from the continued use of water holding the compounds of lead in solution or suspension....It contains much information, useful not only to the physiologist and practitioner but to the medical jurist.—*Dublin Quart. Journ. Med. Sci.*, xv, 1853, p. 132.

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medal. It may be regarded as an amplification of a *brochure* on the same subject published by M. Brachet in 1824. He does not seem, in this essay, to have contributed anything which may be called *new* concerning it. Nearly half the book is devoted to the subject of treatment...the author, though employing a combination of remedies, looks to *alum* as his sheet-anchor; more than 150 patients have been successfully treated in this manner.—Analyt. review in *Brit. and For. Med.-Chir. Rev.*, January, 1851. p. 41.

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1853. THIELE, C. E. **De Colica Saturnina.*
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1854. STRAUSS, E. *Diss. de Cerussæ effectu in organismum animale.*
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1857. COLER, A. G. *De Plumbi noxia efficacitate in corpus humanum.*
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1857. DEVOUGES, H. *De la Paralysie générale d'origine Saturnine.*
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1866. HILLAIRET, A. **Étude clinique sur la Colique de Plomb.*
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1866. LEFRANÇOIS, J. **Considérations sur l'Intoxication Saturnine primitive, et en particulier sur l'Encéphalopathie.* Paris, 4to.
1866. THÉNEVIN-CONQUERET, —. *L'empoisonnement par le Plomb et la Colique sèche des pays chauds.* Agen, 8vo, pp. 23.
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1869. DAVIOT, J. *Étude sur les Tumeurs de la face dorsale de la Main dans l'Intoxication Saturnine.* Paris, 4to.
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1870. REINVILLIER, A. *Hygiène Publique. Empoisonnement des eaux potables par le Plomb.* Paris, 8vo, pp. 78.

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And its active principle Podophyllin.

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1721. EGLINGER, C. Diss. continens descriptionem Polygoni folii. Bâle, 4to.
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of that herb tried and confirmed. London, 8vo.

POTASSA.

Potash and its Salts generally.

1798. VELLOSO, J. M. Alographia dos Alkalis fixos vegetal ou
Potassa, mineral ou Soda, e dos seus Nitratos, &c.
Lisboa, 8vo, pp. 245, tab. 20.
1815. DUCHASSIN, E. M. A. *Sur l'emploi de la Potasse dans les
Pneumonies Catarrhales, &c. *Vide* "Potassii Sulphuretum,"
1815. Paris, 8vo.
1868. MÉRANDON, L. *Action physiologique et thérapeutique des
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1870. RAYBAUD, F. *Usage interne des composés Alcalins de
Soude et de Potasse. Paris, 4to.

POTASSA FUSA.

Caustic Potash.

1822. BIRAGO, C. Compendio di Osservazioni Cliniche ... sulla
Potassa Caustica applicata in diverse malattie di carattere linfatico.
Milano, 8vo, pp. 143.
1841. WADE, B. On the pathology and treatment of Stricture of
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8vo, pp. 247. Fourth ed. *ibid.* 1860, pp. 254.
The principal object of this treatise is to set forth the superiority of
potassa fusa above all other articles of the same class in the treatment of
stricture. The work contains "much that is true, yet very far from new."
The "second edition, greatly enlarged," consists of the unsold copies of the
first edition, with a new title page, a newly printed preface, and ninety-eight
pages of new printing, if not altogether of new matter, tacked on at the
end.—*Brit. and For. Med.-Chir. Rev.*, April, 1850, p. 328.
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et cliniques sur les Caustiques, Potasse et Chlorure de Zinc.
Paris, 8vo, pp. 52.

POTASSÆ LIQUOR.

1811. BRANDISH, J. Observations on the use of Caustic Alkali in
Scrophula and other chronic disorders. London, 8vo.
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1834. DODD, H. W. On the use of Liquor Potassæ and Liquor

Alkalinus in the treatment of Malignant Cholera. Durham, 8vo, pp. 32. Third ed. 1848.

Mr. Dodd, after the failure of other means, was led to the use of Liquor Potassæ, twenty drops with white of egg, with the view of neutralizing some supposed acidity of the primæ viæ. The Liquor Alkalinus is a mixture of 8 parts of Liquor Potassæ, 12 of Liquor Sodæ, and 4 of Spt. Lavand. Co. By the use of these, he states, "he never yet failed in checking the ricy dejections and ejections of cholera" !—*Med.-Chir. Rev.*, April, 1835, 594.

1841. CAMPBELL, J. S. **On Tuberculous Consumption...with an attempt to found its treatment on rational principles.**

London, 8vo, pp. 404.

The rational treatment of consumption advocated in this work consists in the systematic employment of Liquor Potassæ.

POTASSÆ ACETAS.

Acetate of Potash.

1730. TEICHMEYER, G. F. *De Arcano Tartari vel Sale Essentiale Vini. Jense, 4to.

1733. JUNCKER, J. *De Arcano Tartari. Halsæ, 4to.

1733. RAHN, J. H. *De Arcano Tartari, seu Terra Foliata tartari. Lugd. Bat. 4to. *Bibl. Med.-Chir. Soc.*

1857. THIBEAUD, M. **Études Cliniques. Des Hydropisies, suites de Fièvres Intermittentes et leur traitement, spécialement par l'Acétate de Potasse à haute dose.** Nantes, 8vo, pp. 16.

1869. MARROTTE, —. **De l'emploi de l'Acétate neutre de Potasse dans les Diacrisis Gastro-intestinales aiguës et chroniques.**

Paris, 8vo, pp. 12.

POTASSÆ BICHROMAS.

Bichromate of Potash.

1861. JAILLARD, —. **De la toxicologie du Bichromate de Potasse.** Strasbourg, 8vo, pp. 22.

1866. BONNEFOUX, L. C. DE. *Du Bichromate de Potasse comme antisypilitique. Paris, 4to.

1874. BOBLINETTO, L. **Sulle applicazioni di Bicromato Potassico.** Padova, 8vo, pp. 20.

POTASSÆ CARBONAS.

Carbonate of Potash.

1751. PARENTI, P. A. ("ARISTIDES"). **Exercitationes binæ. 2. De Salis Absinthii (Potassæ bicarbonas) activitate purgativa.**

Mutinæ, 8vo.

Clinici argumenti.—*Haller, Bibl. Bot.*, ii, p. 430.

1760. MULLER, G. A. *Diss. de Oleo tartari fœtido. Præs. J. C. Voigt. Giessæ. 8vo.

1804. ARCHER, J. *On the effects and modus operandi of the Carbonates of Lime, Magnesia, and Potash, in the cure of general and local diseases. Philadelphia, 8vo.

1815. DUCHASSIN, —. Emploi de la Potasse (Sous-carbonate) dans les Péripleumonies catarrhales. Paris, 4to.

POTASSÆ CHLORAS.

Chlorate of Potash, Acid Muriate of Potash, &c.

1798. BLAIR, W. Essays on the Venereal Diseases... Essay 1. On the Anti-venereal effects of Nitrous Acid, Oxygenated Muriate of Potash, &c., lately proposed as substitutes for Mercury. London, 8vo.
1855. BERGERON, E. J. Note sur l'emploi du Chlorate de Potasse dans le traitement de la Stomatite Ulcéreuse. Paris, 8vo, pp. 48.
1856. HEEPIN, T. Du Chlorate de Potasse comme spécifique contre la Salivation Mercurielle. Paris, 8vo, pp. 34.
1856. ISAMBERT, E. *Études chimiques, physiologiques et cliniques sur l'emploi thérapeutique du Chlorate de Potasse, spécialement dans les Affections Diphthéritiques. Paris, 4to, pp. 124.
A very able memoir, containing much valuable information drawn from trustworthy sources and many original observations and experiments.
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1858. LABORDE, J. V. De la valeur du Chlorate de Potasse dans le traitement des Gingivites chroniques, &c. Batignolles, 8vo, pp. 16.
This essay obtained the Corvisart Prize for 1857. For the conclusions arrived at in this "interesting and important memoir" see *Edin. Med. Journ.*, August, 1859, p. 172.
1858. MILON, M. *De l'action thérapeutique du Chlorate de Potasse. Paris, 4to, pp. 31.
1860. MAZADE, J. Observations sur l'emploi du Chlorate de Potasse dans le traitement de la Stomatite Mercurielle et de la Stomatite Ulcéro-membraneuse. (Ex *Bull. Gén. de Thérap.*, 1). Nîmes, 8vo, pp. 19.
1860. FOUNTAIN, E. J. On the treatment of Phthisis by the Chlorates of Potash, with observations on Oxygen as a therapeutic agent. New York, 8vo, pp. 24.
Dr. Fountain submits this essay, not as a conclusive demonstration of any theory or practice, but as containing suggestions which may lead others to test their value, especially with regard to oxygen as a remedial agent. The benefit derived from chlorate of potash he attributes to its supplying oxygen to the system.—*Amer. Journ. Med. Sci.*, January, 1861, p. 235.
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1863. DUMONT, H. J. Études thérapeutiques sur le Chlorate de Potasse. Coulommiers, 8vo, pp. 196.

1864. ANAYA, M. DE. Relation d'une épidémie de Fièvre Typhoïde observée à Guanajuato (Mexique). Action thérapeutique du Chlorate de Potasse dans cette maladie. Paris, 8vo, pp. 59.
1866. TILLOT, E. Du traitement du Phagédénisme au moyen du Chlorate de Potasse. (Ex *Bull. Gén. de Thérap.*, March 30, 1866). Paris, 8vo, pp. 14.
1869. WEYLAND, L. Vergleichende Untersuchungen über Veratrin und Chlorkalium. Giessen, 4to. *Bibl. Med.-Chir. Soc.*
1870. SUTTON, J. On Chlorate of Potassa as a specific in all diseases. 125th ed. London, 8vo, pp. 52.
An advertising puff. A pure piece of quackery from begining to end.
1871. BAUDRIMONT, E. Recherches sur l'action intime des substances qui aident à la décomposition du Chlorate de Potasse pour en dégager l'Oxygène. Paris, 8vo, pp. 30.
1872. GIMBERT, —. De l'emploi du Chlorate de Potasse dans certaines formes de la Phthisie Pulmonaire. Paris, 8vo, pp. 18.
1875. LABORDE, J. V. Étude comparative de l'action physiologique des Chlorates de Potasse et de Soude, des Bromures de Potassium et de Sodium. Déductions relatives à l'emploi thérapeutique comparé de ces substances. Paris, 8vo, pp. 30.

POTASSÆ NITRAS.

Nitrate of Potash, Nitre, Saltpetre.

1550. BLASIUS, à VILLAFRANCA. Methodus refrigerandi ex vocato Sale Nitri vinum, aquamque et potum omnis generis. Romæ, 4to.
1584. CHALONER, Sir T. A shorte discourse of the most rare and excellent virtue of Nitre, wherein is declared the sundrie and diverse cures by the same effected, and how it may be as well received in medicine inwardly as outwardly plaister-wise applied, &c. London, 4to. *Bibl. Coll. Phys. Edin.*
1670. CLARKE, W. On the natural history of Nitre, its nature and use. London, 12mo. *Bibl. Med.-Chir. Soc.*; *Coll. Phys. Edin.*; *Med. Soc. Lond.* (ed. Francf. 12mo, 1675?)
1672. JORDAN, H. Disputatio de Sale, Nitro et Alumine. Helmstadii, 4to. *Bibl. Coll. Phys. Lond.*
1674. MAYOW, J. Tractatus medico-physici; i, de Salæ-Nitro et Spiritu Nitro-Aëreo, &c. Oxon., 8vo. *Bibl. Med.-Chir. Soc.*; *Acad. Edin.*
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1694. HOFFMANN, F. *De Nitro, ejusque natura et usu in medicina. Resp. C. G. Schmalkaldesk. Halæ, 4to, pp. 20. *Bibl. Banka.*
Refrigerat, et sanguinem tenuem et fluidum reddit, alvum laxat, ulcera caecoethica curat.—*Haller, Bibl. Med. Pract.*, iii, p. 550.

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1706. GOSCHEN, E. **De Nitro.* Lugd. Bat. 4to.
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1708. ZWINGER, T. **De Nitro, ejusque natura et usu in medicina.*
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1709. SCHELHAMMER, G. C. *Diss. de Nitro.* Amsterdam, 8vo.
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De vi medica parvus est. Externo usu ad sudorem movendum, ad scabiem nitrum, a veteribus adhibitum, iterum vult restitui. Sed eorum nitrum erat alcali fossile.—*Haller, Bibl. Med. Pract.*, iii, p. 412.
1712. NARCISSUS, F. G. **Diss. sistens circa Nitrum observationes physico-medicas.* Præs. F. Hoffmann. Halæ, 4to, pp. 20.
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1716. KLETTENBERG, R. SEIFFART, DE. **Diss. exhibens Nitrum præcipuorum morborum methodo methodica conscriptorum medelam.* Altdorfii, 4to, pp. 20. *Bibl. Banks; Acad. Edin.,*
(*sub nom. Siiffart.*)
1718. BRODBECK, C. D. **De Nitro.* Præs. H. J. Camerarius.
Tubingæ, 4to, pp. 46. *Med. Soc. Lond.; Banks.*
1737. BRANDMULLER, J. R. **De Nitro.* Basileæ, 4to, pp. 27.
Bibl. Banks.
1741. VOLMAR, J. **An Nitrum sanguinem resolvat aut coagulet.*
Præs. J. Boecler. Argentorati, 4to. (in *Haller, Disp. Med. Pract.*,
vii, p. 249). *Bibl. Med.-Chir. Soc.*
1747. CÆTHEUSER, J. F. *Diss. de amplicissimo Nitri depurati usu medico.*
Francof. sur l'Oder, 4to.
1748. HARMEUS, G. **De Nitro.* Lundæ, 4to.
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1753. KNIPHOF, J. J. **Diss. de Nitro.* Erfordisæ, 8vo, pp. 24.
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1754. KBUEGER, J. G. *Diss. de Nitri virtute temperante.*
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1765. PROSKY, P. C. **De Nitro.* Vindobonæ, 8vo, pp. 74.
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1772. ROWLEY, W. *Essay on Ophthalmia, &c. (Nitro administered in large doses, Watt).*
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1772. DELIUS, H. F. *Diss. de moderando usu Nitri in Febribus putridis et malignis.*
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1776. MUTZER, F. **De Nitro.* Vindob., 8vo, pp. 28.
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1791. QUANDT, C. F. *De Nitri vi gelante. Jenæ, 4to.
1798. VELLOSO, J. M. *Vide* "Potassa," 1798.
1799. GIBBONS, T. Medical Cases and Remarks. Part ii, on the free use of Nitre in Hæmorrhagy. Sudbury, 8vo, pp. 108. Second ed., 1801. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
1802. THILOW, G. H. Ueber die Wirkung des Salpeters- und Küchensalzes auf den thierischen Körper. Erfurt, 8vo, pp. 55.
1820. BUTTER, J. On the effects of Nitre, and on the compression of Cancerous Breasts. Edin. 8vo. *Bibl. Med. Soc. Edin.*
1831. KAISER, J. On the antiseptic powers of Nitro. *Vide* "Antiseptics," 1831.
1849. BASHAM, W. R. On the employment of Nitrate of Potash in Acute Rheumatism, with suggestions for the use of Saline Solutions as external applications in local Rheumatic Inflammation. (Ex. in *Trans. Med.-Chir. Soc.*, vol. xxxii, p. i.

This able memoir contains many interesting experiments and observations on the action of nitre on the blood and on its use as a therapeutic agent, especially in the treatment of inflammatory diseases.

POTASSÆ PERMANGANAS.

Permanganate of Potash.

1869. HELME, E. *De la Gangrène et de son traitement par le Permanganate de Potasse. Paris, 4to.
1875. DUBOUÉ, —. Sur les propriétés thérapeutiques du Permanganate de Potasse. *Vide* "General Therapeutics," 1875.
See also "Permanganates," p. 173.

POTASSÆ SILICAS.

Silicate of Potash, Liquid Glass.

1870. DARBY, J. T. Liquid Glass (Silicate of Potash) as a surgical dressing for immovable apparatus, &c. Columbia, U.S., 8vo, pp. 24.

Contains an account of six cases in which the silicate was employed as a substitute for starch, &c., in the application of the immovable bandage. The result in each case was satisfactory, and the author declares that, after a fair trial, he is induced to place the silicate above either plaster, starch, glue, or dextrine for general usefulness.—*Amer. Journ. Med. Sci.*, October, 1870, p. 511.

POTASSÆ SULPHAS.

Sulphate of Potash.

1767. BÜCHNER, A. E. *Diss. de Tartaro Vitriolato et præcipitatione alcali fixi ab acido vitriolico. Resp. —. Vogel. Halæ, 4to.
1801. HARTWICH, H. *De Sulphate Potassæ. Præs. J. Gadolin. Abosæ, 4to, pp. 43.

POTASSÆ TARTRAS ACIDA.

Bitartrate of Potash, Cream of Tartar.

1632. SALA, A. Tartarologia. Rostock, 8vo. Alt. ed. 8vo.
1655. GLAUBER, J. R. Descriptio qua ratione ex vini fecibus Tartarum sit extrahendum. Amsterdam, 12mo.
Bibl. Med. Chir. Soc.; Manch. Med. Soc.
1661. SACHS, P. J. *Αμπελογραφία*... de Vini fece et Tartaro. Lipsiæ, 8vo. *Vide "Vitis Vinifera,"* 1661.
1676. ZOBEL, F. Tartarologia Spagirica, seu medicamentorum ex Tartaro in laboratorio Gottorpiensi paratorum fidelis descriptio. Jenæ, 12mo. Alt. ed. 1684, 1708.
Bibl. Coll. Phys. Lond.; Coll. Phys. Edin. (ed. 1684).
1730. ZEIDLERUS & ROSENBERG G. *De Arcano Tartari vel Sale essentiali Vini. Præs. H. F. Teichmeyer. Jenæ, 4to.
Bibl. Coll. Phys. Edin.; Acad. Edin.
1756. DOVE, W. T. On the Argol of Tartar. London, 8vo. *Ibid.* 12mo, 1757. *Ibid.* On Medicines discovered in the Argol of Tartar. London, 4to, 1757.
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.
1763. VANDER BECKE, D. Epist. de volatilisatione Salis Tartari. Hamburg, 8vo.
1778. WORTHINGTON, R. *De natura et usu Tartari. Edin. 8vo.
Bibl. Coll. Phys. Edin.; Bibl. Med.-Chir. Soc.
1779. PÆCKEN, M. à. *Vide "Tartaric Acid,"* 1779.
1780. SPIELMANN, J. R. *Diss. sistens Analecta de Tartaro. Resp. F. H. Corvinus. Argentorati, 4to. *Bibl. Coll. Surg. Lond.*

POTASSÆ et SODÆ TARTRAS.

Tartrate of Potash and Soda, Rochelle Salts, Sel de Seignette.

1675. SEIGNETTE, P. Les principales utilités et l'usage le plus familier du véritable Sel Polychreste. La Rochelle, 4to.
1675. SEIGNETTE, P. La nature, les effets et l'usage du Sel Alcali Nitreux de Seignette. La Rochelle, 4to.
1675. SEIGNETTE, P. Le faux Sel Polychreste, les utilités de la poudre polychreste du dit P. S. et apologie de son Sel Polychreste, par un médecin. La Rochelle, 4to.
1740. HAUPT, F. T. *Diss. de Sale Seignette, Polychresto Rupellensi vocato. Argentorati, 4to.
1742. TRICHMEYER, H. F. *Diss. de Sale Seignette. Jenæ, 4to.

POTASSII BROMIDUM.

Bromide of Potassium.

1865. BARTHOLOW, R. Experimental investigations into the action and uses of Bromide of Potassium. Cincinnati, U.S. 8vo.
1865. WILLIAMS, S. W. DUCKWORTH. On the efficacy of the Bromide of Potassium in Epilepsy and certain Psychological Affections. London, 8vo.
1867. MARTIN-DAMOURETTE ET PELVET, —. Étude expérimentale sur l'action physiologique du Bromure de Potassium. Paris, 8vo, pp. 55.
1867. VOISIN, A. Recherches cliniques sur le Bromure de Potassium, et sur son emploi dans le traitement de l'Épilepsie. (*Ex Bull. Gén. de Thérap.*). Paris, 8vo, pp. 46.
1868. SAISON, F. A. *Du Bromure de Potassium et de son antagonisme avec la Strychnine. Paris, 4to, pp. 59.
An investigation of considerable merit and interest.—*Amer. Journ. Med. Sci.*, July, 1869, p. 237.
1868. BESNIER, J. De l'emploi du Bromure de Potassium dans l'Épilepsie et dans un cas de Méningite Tuberculeuse. Paris, 8vo, pp. 16.
1868. CLOUSTON, T. S. Experiments to determine the precise effects of Bromide of Potassium in Epilepsy. (*Ex Journ. of Mental Science*). 8vo, pamphlet.
1868. MARCHAND, R. *Étude physiologique et thérapeutique sur le Bromure de Potassium. Paris, 4to.
1869. FALIÈRES, E. Notes pour servir à l'essai du Bromure de Potassium. Bordeaux, 8vo, pp. 15.
1869. LEGRAND DU SAULLE, —. Pronostic et traitement de l'Épilepsie : succès remarquables obtenus par l'emploi du Bromure de Potassium à haute dose. Paris, 8vo, pp. 31.
1869. MOUTARD-MARTIN, E. Notes sur quelques applications nouvelles du Bromure de Potassium à la médecine des petits enfants. Paris, 8vo, pp. 11.
1869. SAÏB-MEHMED. Du Bromure de Potassium, physiologie et thérapeutique. Paris, 8vo, pp. 110.
1869. PURSER, J. M. On the physiological action of Bromide of Potassium. (*Ex. in Dublin Quart. Journ. of Med.*, May, 1869, p. 321).
A highly interesting communication.
1869. MATHIEU, N. J. *Étude physiologique et thérapeutique sur le Bromure de Potassium. Paris, 4to.
1869. ZAEFFEL, E. *De l'action physiologique et thérapeutique du Bromure de Potassium. Paris, 4to.
1869. CORDES, A. E. *Du traitement des Accidents Nerveux de la Grossesse par le Bromure de Potassium. Paris, 4to.

1869. GATUMEAU, B. P. V. *Quelques généralités sur le Bromure de Potassium. Montpellier, 4to, pp. 44.
1869. AMOBY, R. Experiments upon the physiological action of Bromide of Potassium and Ammonium, as determined on man and the lower animals. Boston, U.S.
Contains a very careful series of experiments which appear to establish conclusions which form a real addition to our knowledge of the action of the bromides. For an abstract of these see *Practitioner*, December, 1869, p. 369.
1870. LABORDE, J. V. Recherches sur l'action physiologique et thérapeutique des composés de Potassium et du Bromure de Potassium en particulier. Paris, 8vo, pp. 30.
1870. KOHN, J. C. *Du traitement de la Chorée par le Bromure de Potassium à haute dose. Paris, 4to.
1870. LAYGUE, —. *De l'emploi du Bromure de Potassium dans l'Éclampsie Puerpérale. Paris, 4to.
1870. POTTIER, C. A. A. *Contribution à l'étude thérapeutique du Bromure de Potassium. Paris, 4to.
1870. CLOUSTON, T. S. Observations and experiments on the use of Opium, Bromide of Potassium, and Cannabis Indica in Insanity, especially in regard to the effects of the two latter given together. (Ex. in *Bibl. and Fbr. Med.-Obir. Review*, October, 1870, p. 493, and January, 1871, p. 203.)
This essay, to which the Fothergillian Gold Medal for 1870 was awarded by the Medical Society of London, is a valuable contribution to our knowledge of therapeutics as applied to mental disease. See also "Neurotics," p. 171.
1871. ARTHAUD, J. Du Bromure de Potassium dans le traitement de l'Épilepsie. Lyon, 8vo, pp. 16.
1872. CLARKE, E. H., et AMOBY, R. The physiological and therapeutical action of the Bromide of Potassium and Bromide of Ammonium. In two parts. Boston, U.S. 12mo, pp. 176.
A full abstract of this interesting work is given in *London Medical Record*, 1873, p. 18-34.
1872. CARLES, A. *Sur la médication par le Bromure de Potassium. Paris, 4to.
1872. LAVALLÉE, G. G. *Du traitement des Affections Génito-urinaires par les Bromures Alcalins. Paris, 4to.
1872. GUICHARD, V. A. *Étude sur un cas de Tétanos spontané traité par le Bromure de Potassium. Paris, 4to.
1872. CAMPBELL, J. A. On Bromide of Potassium in Maniacal Excitement. *Vide* "Hyoscyamus," 1872.
1873. DROUET, J. Documents pour servir à l'histoire du Bromure de Potassium. Paris, 8vo, pp. 15.
1873. DAVID, F. *Étude sur les effets physiologiques et thérapeutiques du Bromure de Potassium. Paris, 4to.

1873. ARMAND, P. *Du traitement de la Coqueluche par l'Hydrate de Chloral et le Bromure de Potassium. Paris, 4to. Ibid. 8vo, pp. 47.
1873. ROUX, P. R. M. *Sur quelques points du diagnostic des Rétrécissements Spasmodiques de l'Esophage, et de l'intervention du traitement par le Bromure de Potassium pour éclairer ce diagnostic. Paris, 4to.
1873. VOISIN, A. Étude historique et thérapeutique sur le Bromure de Potassium. Paris, 8vo, pp. 38.
A valuable memoir, to which the Academy of Medicine of Paris awarded the Jourieux Prize for 1871.
- 1873 (?). MORTON, J. Clinical Surgical Report of Glasgow Infirmary, ending October 31st, 1872; with a Paper on Bromide of Potassium. Loc? pp. 16.
The author calls attention to certain risks attending the use of bromide, and the cautions given respecting it are not without their value in these days, when the bromide may be ranked among the fashionable drugs, and when it is given frequently in large doses and very empirically.—*Brit. and For. Med.-Chir. Rev.*, April, 1874, p. 423.
1873. VALLIN, E. De l'emploi du Bromure de Potassium comme adjuvant dans le traitement des Fièvres Intermittentes. (*Ex Bull. de Thérap.*, November 30th, 1873). Paris, 8vo, pp. 19.
The author does not propose the bromide as a substitute for quinine in intermittent fevers generally, but he observes that in some cases where the latter fails the bromide appears to be beneficial as a subordinate agent, probably by its power of allaying spinal irritation. See, further, *Brit. and For. Med.-Chir. Rev.*, April, 1874, p. 521.
1874. DANTON, J. A. *Essai physiologique sur le Bromure de Potassium. Paris, 4to.
1875. LABORDE, J. V. Bromide of Potassium, its comparative action. *Vide* "Potassæ Chloras," 1875.
1875. VOISIN, A. De l'emploi du Bromure de Potassium dans les Maladies Nerveuses. Mémoire couronné par l'Académie de Médecine. Paris, 4to, pp. 264, tab. col. i.

POTASSII IODIDUM. Vide IODINE.

POTASSII SULPHURETUM.

Sulphuret of Potassium.

1815. DUCHASSIN, E. M. A. *Sur l'emploi du Sulfure de Potasse dans le traitement du Croup et de la Gale; et de la Potasse dans les Péripleumonies Catarrhales. Paris, 8vo, pp. 24.
1830. MARTIN, P. P. *De Kali Sulphurati in organismum animale efficacia, experimentis illustrata. Berol. 8vo, pp. 45.

POTENTILLA TORMENTILLA, Nestler.

Tormentil.

1809. RAUSCHENBUSCH, C. De manifestis in organismo vivo mutationibus usu Chinæ...et Tormentillæ productis. Tubingæ, 8vo.

1816. NESTLER, C. G. *Commentatio botanico-medica de Potentilla.* Paris, 4to, pp. 80, tab. 12. *Bibl. Linn. Soc.*

PROPYLAMINE.

1870. KALENICZENKO, J. 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, 8vo, pp. 82.
1873. HAMDY, A. *Étude clinique et physiologique sur la Propylamine et Triméthylamine. Paris, 4to, pp. 116.
1873. DUBOUÉ, —. Action comparée de la Propylamine, &c. *Vide "Ergot,"* 1873.
1873. DUJARDIN-BEAUMETZ, —. De la Propylamine dans le traitement du Rhumatisme Articulaire aigu. Paris, 8vo, pp. 16.
For an account of the author's successful employment of propylamine and trimethylamine in acute rheumatism see *Brit. and For. Med.-Chir. Rev.*, April, 1873, p. 497.
1874. CERASI, T. On Propylamine. *Loc?*
A summary of the contents of this work, which treats of the therapeutic uses of propylamine and its salts in various diseases, is given in *London Med. Record*, January 13th, 1875, p. 25. I have been unable to obtain the original title of this work or the place of its publication.

PRUNUS PADUS, Linn.

Bird Cherry.

1812. BREMER, W. A. E. *Bemerkungen und Erfahrungen über die Wirksamkeit der Rinde des Traubenkirschbaums (Cortex Pruni Padi) und dessen therapeutischen Benutzung in gichtischen und rheumatischen Krankheiten.* Berlin, 8vo, pp. 54, col. i. *Bibl. Roy.*

PRUNUS VIRGINIANA.

Virginian or Wild Cherry Tree.

1802. MORRIS, C. *Diss. on the *Prunus Virginiana*, commonly known in U.S. by the name of Wild Cherry Tree. Philadelphia, 8vo.

PRUNUS (CERASUS) LAUROCERASUS, Linn.

Cherry Laurel

1717. DOLFUSS, J. G. **Cerasologia medica.* Basileæ, 4to, pp. 24.
1732. SCHAUB, J. *Diss. medico-chemica sistens *Laurocerasi* qualitates medicas ac venenatas imprimis veneni essentiam. (In *Collect. Thes. Marburg*, iii). Marburg, 4to. *Bibl. Coll. Surg. Lond.; Acad. Edin.*
1737. VATER, A. *De *Laurocerasi* indole venenata exemplis hominum et brutorum ejus aqua necatorum confirmata. *Resp. J. A. S. Boettiger.* Wittembergæ, 4to, pp. 32. *Bibl. Radcliffe.*
1740. VATER, A. *Vide "Oleum Animale Empyreumaticum,"* 1740.

1746. LANGRISH, B. *Physical Experiments...on the Lauro-cerasus, in order to investigate its properties and manner of action in animal bodies.* London, 8vo. *Bibl. Coll. Surg. Lond.*
1781. FONTANA, F. *Traité sur le Venin de la Vipère, les poisons Américains, le Laurier-cerise, &c.* Firenze, 2 vols. 4to. German transl. Berlin, 1787, 2 vols. 4to. English transl. by J. Skinner, London, 2 vols. 8vo, 1787. *Bibl. Med.-Chir. Soc.*
- A valuable and laborious performance, containing the results of upwards of six thousand experiments. See analytical review in *London Medical Journal*, 1784, p. 1-29.
1797. SPANDAW-DU-CELLIER, L. J. **De Lauro-cerasi viribus venenatis et medicamentosis.* Groningæ, 8vo, pp. 89. *Bibl. Roy.*
1815. SCOTT, G. B. **De Lauro-ceraso.* Edin. 8vo. *Bibl. Coll. Phys. Edin.; Manchester Med. Soc.*
1818. BERGONZI, G. *De Lauro-ceraso et Tartar-Emetico.* Paviæ, 8vo.
1823. SAUTHIER, J. *Histoire de la nouvelle doctrine médicale, &c., suivie de quelques considérations sur l'emploi de l'Eau de Laurier-cerise dans les Inflammations de la Poitrine.* Paris, 8vo.
1838. PATON, M. **Observations sur l'Hydriodate de Laurier-cerise (Pharmaceutical).* Paris, 4to, pp. 24.
1858. ROCHE, —. *Traitement de la Pneumonie par les préparations Cyaniques, ou de l'emploi de l'Eau de Laurier-cerise dans la Pneumonie aiguë franche.* Besançon, 8vo, pp. 21.
1869. MORRA, V. *L'Acqua di Lauro-ceraso nella cura del Mughetto.* Napoli, 8vo, pp. 12.

PSYCHOTRIA EMETICA. Vide EMETIN, 1823.

PTEROCARPINE. Vide ALCALOIDS, 1875.

PULSATILLA NIGRICANS. Vide ANEMONE PRATENSIS.

PUNICA GRANATUM, Linn.

Pomegranate.

1712. WEISS, J. C. **De Malo Punico.* Præs. J. J. Baier. Altdorfi, 4to, pp. 28. *Bibl. Banks.*
1760. GERHARD, E. *Disq. physico-chimica Granatorum Silesiæ et Bohemiæ.* Francof. 4to.
1809. REHMANN, —. *Pomegranate Rind as a Febrifuge.* See "Cinchona, Substitutes for," 1809.
1822. GOMES, B. A. *Memoria sobre a virtude tæmifuga do Romeira.* Lisboa, 8vo. A French transl. by F. V. Mérat in *Journ. Compl. des Sci. Méd.*, xvi, p. 24, 1823.
1825. PLACE, F. **De usu Corticis radicis Granati.* Berol. 8vo, pp. 27, 30.
1828. MARINUS, J. R. *De l'emploi de la racine de Grenadier contre le Ténia.* Bruxelles, 8vo, pp. 13.

1829. SIEHR, R. *De Cortice radice Granati. Berol. 8vo, pp. 55.
 1831. LATOUR, —. *Recherches sur l'écorce de la racine de Grenadier, &c. Paris, 4to.
 1831. LETENNEUR, A. *Essai sur l'écorce de la racine de Grenadier considérée comme ténifuge, &c. Montpellier, 4to.
 1832. MÉRAT, F. V. Du Tænia ou ver solitaire et de sa cure radicale par l'écorce de racine de Grenadier. Essai couronné par l'Acad. Royale des Sciences, 1832. Paris, 8vo, pp. 164.
 1834. CHEVANNE, J. *Des Tæniæ et des diverses méthodes employées pour les détruire, de leur cure radicale par l'écorce de la racine de Grenadier. Montpellier, 4to.
 1847. ITSTEIN, M. Das Gallensaure Natron...nebst einigen Bemerkungen über...Cortex Radicis Granatorum. Mainz, 8vo, pp. 36.

PYRETHRI RADIX.

Pellitory Root.

1709. SLEVOGT, J. H. *Prolusio de Pyrethro. Jenæ, 4to, pp. 8.
Bibl. Banks.

PYROLA, Sp. of.

Winter Green.

1803. MITCHELL, J. S. *Essay on the Arbutus Uva Ursi and Pyrola umbellata and P. maculata, Linn. Philadelphia, 8vo.
 1814. SOMERVILLE, W. On the Diuretic properties of Pyrola umbellata. (Ex. in *Med.-Chir. Trans.*, v, p. 340.)
 As a powerful diuretic, it is strongly recommended by the author in dropsies connected with debility. Although its virtues had been recognised by Dr. Mitchell in 1803 (*anté*), it was only after the publication of Dr. Somerville's paper that it came into general use.
 1817. WOLF, E. *De Pyrola umbellata. Gottingæ, 8vo, pp. 54.
 1821-29. RADIUS, J. Specimen ii. De Pyrola et Chimophila. Specimen primum botanicum, Lipsiæ, 1821, 4to, pp. 39, tab. 5. Specimen secundum medicum, Lipsiæ, 1829, 4to, pp. 32.
Bibl. Linn. Soc. Part 1.

PYROTHONIDE.

Rag Oil, Paper Oil.

1827. RANQUE, H. F. Mémoire clinique sur l'emploi en médecine du Pyrothonide ou Huile Pyrogénée, provenant de la combustion des tissus soit de chanvre, soit de lin, ou de coton. Paris, 8vo, pp. 64.
Bibl. Roy.

Pyrothonide (from *πῦρ*, fire, and *θόβη*, linen), an oily product obtained by the distillation of linen rags or paper, was first brought prominently to notice by M. Ranque in the above *brochure*. He advocates its use as a local application in ophthalmia, as an injection in uterine hæmorrhage, leucorrhœa gonorrhœa, &c. See, further, *Mérat et De Lens Dict. de Mat. Méd. Univ.*, v, p. 566.

QUASSIÆ LIGNUM.

Quassia.

1763. LINNÆUS, C. *Lignum Quassia. Resp. C. M. Blom. Upsaliæ, 4to, pp. 13, t. i. (Idem in *Amœn. Acad.*, vi, p. 416-429).
Bibl. Linn. Soc.; Coll. Surg. Lond. (sub nom. Blom).
1772. PAARMANN, P. M. *Ligri Quassia Examen. Argentorati, 4to, pp. 40. (In *Wittwer, Diss. Med. Argentor.*, iii, p. 35).
Bibl. Med.-Chir. Soc. (Wittwer).
1775. KRATZENSTEIN, C. G. *De ligni Quassia usu medico. Resp. P. Thorstensen. Hafniæ, 8vo, pp. 52. *Bibl. Banks.*
1776. SEVERI, D. S. Commentarius in quo medicatæ Quassia vires expenduntur. Pavia, 4to.
1777. BANÖE, A. B. Experimenta circa usum ligni Quassia in affectionibus Hystericis. Kilia, 4to.
1779. EBELING, J. T. P. C. De Quassia et Lichene Islandico, Glasgow, 8vo, pp. 58. Idem Lipsiæ, 8vo, 1792. (Idem in *Schlegel, Thes. Mat. Med.*, vol. ii, p. 253).
Bibl. Coll. Phys. Edin.; Med.-Chir. Soc. (Schlegel).
- Enters fully into the medical properties and uses of quassia. Its virtues as a tonic, antiperiodic, and anthelmintic, are set forth, preceded by a short botanical history and some comparative experiments as to its powers as an antiseptic. The virtues of lichen islandicus, excepting as an antiseptic, are mentioned very cursorily. See also review in *Duncan's Med. Commentaries*, vi, 1779, p. 371.
1779. LUTHER, J. M. De præstantia ligni Quassia observatio. Erfordia, 4to, pp. 8.
1781. LINDSAY, J. Account of the Quassia polygama and of Cinchona brachycarpa. (Ex. in *Trans. Roy. Soc. Edin.*, vol. iii, 4to).
Bibl. Linn. Soc.
1799. GIBSON, J. Treatise on Bilious diseases and Indigestion, with the effect of Quassia and Natron in those diseases. London, 8vo.
1801. VELLOSO, J. M. See "Simaruba," 1801.
1826. HAERTL, L. *De Quassia in specie et aliis remediis amaris in genere. Landshuti, 4to, pp. 16.
1859. HONIGBERGER, J. M. Heilung der Indischen Brechruhr durch Einimpfung des Quassins. Wien, 8vo, pp. 96, tab. i.
- Honigberger's theory is that cholera is of parasitic origin, and that by means of the inoculation of a strong tincture of quassia, the *fons et origo mali* might be destroyed, quassia exercising, as is well known, a very deleterious action on many of the lower forms of animal life. These views the author has further developed in his work entitled, *Cholera its Cause, and infallible Cure*, Calcutta, 1861, 8vo, pp. 26. Whilst serving in India, a bottle of his concentrated tincture was furnished me, with directions for use, but having no faith in it I never gave it a trial.

QUERCUS ROBUR, Linn.

The Oak.

1555. DU CHOUX, J. De varia Quercus historia, &c.
Lugd. Bat. 8vo, pp. 71, figs. Alt. ed. ibid. 1558. *Bibl. Banks.*
- 1737-8. ENGSTRÖM, J. *Diss. de Quercu. Libell. ii. Resp. J. H. Lange. Londini Gothorum, 4to. *Bibl. Banks.*
This work is apparently more philological and historical than medical.
1774. SCHRÖDER, F. J. W. Von den Wirkungen der Eicheln, Verstopfungen der Drüsen im menschlichen Körper aufzulösen. Göttingen und Gotha, 8vo. *Bibl. Roy.*
1775. KEISER, S. H. A. Unterricht von dem Nutzen und besonderer Heilungskraft der Eicheln in Absicht auf die Dörrsucht oder Auszehrung der Kinder. Lemgo, 8vo. *Bibl. Roy.*
1778. MUELLER, J. J. Diss. sistens suspiciosas glandium Quercicarum laudes medicas, &c. Traject. ad Viad. 8vo.
1781. RITTER, J. F. *De usu medico glandis Quercinæ. Eniponti, 4to, pp. 76.
1782. KARCHS, J. F. X. Anmerkungen über die Heilkraft der Eicheln in der Ruhr. 2nd. Aufl. Francof. am Mœn. 8vo. *Bibl. Roy.*
1784. MARX, M. J. Geschichte der Eicheln, nebst Erfahrung über den diätetischen und medicinischen Gebrauch derselben. Diss. 8vo. *Bibl. Roy.*
1791. REDIKER, J. F. J. *De Quercus roboris virtute medica. Duisburgi, 4to, pp. 28.
1792. JACKSON, S. H. Dermato-Pathologia, &c.... With appendix, with the particular view of recommending the Oak Bark as a new marine Antiscorbutic, and as a probable Antiseptic in some other putrescent disorders. London, 8vo.
1808. WAUTERS, P. E. On Oak Bark. See "Digitalis," 1808.
1809. RAUSCHENBUSCH, C. *De manifestis in organismo vivo mutationibus usu Chinæ, Quercus et Tormentillæ productis. Tubingæ, 8vo.
1865. PLANCHON, G. Le Kermès du Chêne au point de vue zoologique, commercial et pharmaceutique. Paris, 8vo, pp. 47.

QUININE et CINCHONINE.

1812. GOMES, B. A. Ensaio sobre o Cinchonino, e sobre sua influencia em a virtude da Quina, e de outras Cascas. (Ex. *Collecção das Mem. d'Acad. das Sciencias de Lisboa*, iii, p. 202). Lisboa, 4to.

In this memoir Gomes announced the discovery of the active principle of cinchona. The substance, however, which he named cinchonino was subsequently found by Pelletier and Caventou (1821) to consist of two distinct alkaloids, one of which they named quinine and the other cinchonine.

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rated, of which no fewer than twenty-seven are from the pen of the professor himself. Most of the evidence is in favour of the views he originally put forth; these are ably summarised by Dr. E. Buchanan Baxter in *London Med. Record*, February 10th, 1875, p. 82-3.

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1840. WITZENDORF, A. B. *De Chinoidino. Lipsiæ, 4to, pp. 16.
1851. DIEUF, O. Historische Untersuchungen über das Chinoidin in chemischer, pharmaceutischer und therapeutischer Beziehung, &c. Erlangen, 8vo, pp. 71.
1852. STROPP, C. E. *De Chinoidino. Berlin, 8vo, pp. 26.
See also "Quinine."

QUINIUM and QUINITE.

1856. LABARRAQUE, A. Mémoire sur le Quinium, extrait alcoolique des Quinquinas par la chaux. Paris, 8vo, pp. 32.

1858. LABARRAQUE, A. Nouvelles observations sur le Quinium.
Paris, 8vo, pp. 16.
1869. HALMAGRAND, —. De l'administration de la Quinite dans
les Fièvres d'accès comme succédané du Sulfate de Quinine.
Paris, 8vo, pp. 165.

RANUNCULUS, Sp. of.

1746. DARDENNE, J. P. R. Traité des Renoncules. Paris, 8vo.
1766. CRAPF, C. Experimenta de nonnullorum Ranunculorum qualitate, horum externo et interno usu. Vienna, 12mo, pp. 107.
Bibl. Med. Soc. Lond.; Acad. Edin.; Banks.
Experimenta in variis animalibus fecit vir illust. inque variis Ranunculis. Vesicas plerique cient, minori cum dolore, nullo cum lotii ardore, sed ulcera relinquunt difficilia. Animalia necant recentes, nam sicci vires amittunt, uti neque decocta cum Ranunculo aqua acris fit. Dolorem Acetosa sola compescit.—*Haller, Bibl. Bot.*, ii, p. 563.
1783. MAYE, A. *De venenata Ranunculorum indole, horumque interno externoque usu. Viennæ, 8vo, pp. 28.
1798. LEWIN, R. *Quædam de Ranunculi dotibus. Edin. 8vo.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.; Acad. Edin.
1811. BIRIA, J. A. J. Histoire naturelle et médicale des Renoncules. Montpellier, 4to, pp. 53, tab. 2.
1835. TURNBULL, A. On the medical properties of the Nat. Ord. Ranunculaceæ, and more especially on the uses of Sabadilla Seeds, Delphinium Staphisagria, and Aconitum Napellus; and their alkaloids; Veratria, Sabadilline, Delphinia and Aconitine.
London, 8vo, pp. 171. American ed. Philadelphia, 1838, 8vo.
We believe in the efficacy of the drugs in question, and we are not unthankful to the author, who has taken much pains to make them known, but we condemn most unreservedly the careless, hasty, and unphilosophical manner in which the investigation has been conducted, and the blind and headlong zeal which has done its utmost to ruin the cause it would recommend in the minds of all sober thinkers.—*British and For. Med. Rev.*, October, 1858, p. 500.

RHAMNUS CATHARTICUS, Linn., et R. FRANGULA, Linn.

Buckthorn and Black Alder Tree.

1794. KOLB, J. G. *De cortice Rhamni cathartici.
Erlangæ, 8vo, pp. 39.
1850. BINSWANGER, M. Pharmacologische Studien über Rhamnus frangula und Rhamnus catharticus zur Ermittlung ihrer arzneilichen Wirksamkeit.
München, 12mo, pp. 180.
1858. SAMELSON, L. *Quædam de efficacibus corticis Rhamni frangulæ, baccarumque Rhamni cathartici substantiis disquisitiones.
Dorpati, 8vo, pp. 36.
1861. RIGHINI, G. Sullo Spincervino o Ramno Catartico.
Milano, 8vo.

RHEI RADIX.

Rhubarb.

1533. BELUS, L. Quæstio de Rhabarbaro.
Bononiæ, 4to. Ibid. 1560, folio.
1534. CAMPEGIUS, S. *Vide* "Terebinthina," 1534.
1541. MATHAM, L. DE. De Rhabarbo et Cassia. Loc? 4to.
1562. BETTI, A. M. Quæstio de Rhabarbo.
Bonon. folio. Ibid. 1591, folio.
Quærit num magis pulvis datus alvum solvat, an potius aqua in qua
rheum infusum fuerit. Commentarii vasti sunt et ad genium seculi.—
Haller, Bibl. Med. Pract., ii, p. 35.
1567. DURASTANTES, J. M. Problemata: 3 An Rhabarbarum ob
Lienteriam, Dysenteriam ac astrictionem sit comburendum.
Venetiis, 8vo.
1612. ALPINUS, PROSPER. De Rhapontico disputatio, &c. Patavii,
4to, pp. 30. Alt. ed. Lugd. Bat. 1718, 4to, pp. 25, tab. i.
Bibl. Med.-Chir. Soc.; Banks; Acad. Edin. (1718).
1628. L'ÈVEQUE, B., et RAINSSANT, S. *Ergo Cholera morbo Rha-
barbarum. Paris, 4to.
1679. TILINGIUS, M. Rhabarbarologia seu curiosa Rhabarbari
disquisitio, illius etymologiam, differentiam, locum natalem, for-
mam, temperamentum et vires detegens. Francof. ad Mœn. 4to,
pp. 782, tab. 2. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*
1708. WEDEL, G. W. *De Rhabarbari origine. Jenæ, 4to, pp. 8.
Bibl. Banks.
1708. WEDEL, G. W. *De Rhabarbari, genere, differentiis et vir-
tute. Jenæ, 4to, pp. 8. *Bibl. Linn. Soc.; Banks.*
1718. HOLLSTEIN, C. H. *Diss. Rhabarbari historiam exhibens.
Lugd. Bat. 4to, pp. 24, tab. 1. *Bibl. Linn. Soc.; Banks.*
1724. CHAMBERS, W. De Ribes Arabum, et ligno Rhodio.
Lugd. Bat. 4to, pp. 41. *Bibl. Roy.*
1725. BOUILLET, J. Lettre au sujet de la Rhubarbe.
Beziers, 4to, pp. 8. Ibid. 1727, 8vo.
1733. DETHARDING, G. Disp. de Diabetis curatione per Rhabar-
barum. Rostochii, 4to.
1737. BUCHWALD, B. J. DE. *De Diabetis curatione præprimis per
Rhabarbarum. Resp. N. Ryberg. Havniæ, 4to. (in *Haller,*
Disp. Med. Pract., vii, p. 762).
Bibl. Med.-Chir. Soc. (Haller); *Acad. Edin.* (sub nom. Ryberg).
1745. JUCH, H. P. Analysis de vera indole et virtute Rhabarbari.
Erfordis, 4to.
1749. VALCARENGHI, P. Uso ed abuso di Rhabarb unito alla China-
China. Cremona, 4to. *Bibl. Med. Soc. Lond.*

1752. GMELIN, J. G. *Rhabarbarum officinarum*. Resp. V. Bengel. Tubingæ, 4to, pp. 32.
Bibl. Banks; Med. Soc. Lond. (sub nom. Bengel).
Mainly pharmacological: treats, however, of the medical properties of rhubarb.—*Haller, Bibl. Bot.*, ii, p. 276.
1752. LINNÆUS, C. *Rhabarbarum*. Resp. S. Ziervogel. Upsaliæ, 4to, pp. 24, tab. i. Id. in *Amœn. Acad.*, iii, p. 211.
Bibl. Banks; Linn. Soc.
A good little thesis divided into thirteen sections, each dealing with rhubarb in a different point of view. Sect. iii contains a brief bibliography. Amongst its uses mention is made of the efficacy of rhubarb (especially when roasted) in the treatment of diarrhœa and dysentery. Although this thesis has been left in the place usually assigned to it, under the name of Linnæus, the respondent, S. Ziervogel, appears to have been the real author.
1754. KENNEDY, H. A. **De Rhabarbaro*. Edin. 8vo. *Bibl. Roy.*
1769. SANDEMAN, G. **De Rheo palmato*. Edin. 8vo.
Bibl. Med.-Chir. Soc.; Acad. Edin.
1771. KEMME, J. C., et GEBER, —. *De eximia Rhabarbari virtute medica in morbis quibusdam chronicis, &c.* Halsæ, 4to.
1783. FOLKERSMA, W. **De Rhabarbaro officinali*. Groningæ, 4to, pp. 35. *Bibl. Roy.*
1784. FORDYCE, W. *The great importance and proper method of cultivating and curing Rhubarb in Britain for medicinal uses.* London, 8vo. *Bibl. Coll. Surg. Lond.*
1788. MOHRBEGK, G. L. J. *Diss. de Rhabarbaro, &c.* Gryphiswaldiæ, 4to.
1800. JACOBS, J. C. *De abusu radices Rhabarbari in primo studio febrili Dysenterisæ catarrhalis.* Erfordiæ, 8vo.
1803. CLARION, J. **Travail chimique sur les Rhubarbes exotique et indigène.* Paris, 8vo, pp. 48.
1805. COSTE, —. *Précis historique de l'importation et de la naturalisation en France du *Rheum palmatum*, &c.* Paris, 8vo, pp. 90.
1816. BARBOT, —. **Recherches sur les espèces du genre Rhubarbe.* Paris, 4to.
1838. STEPHANITE, A. L. **De Rhabarbaro. Dissertatio geographico-historica.* Berol. 8vo, pp. 52.
1844. RIVA, G. **Diss. de Rheo.* Paviæ, 8vo, pp. 48.
1853. LIEBER, J. **Diss. de radice Rhei.* Dorpati, 8vo, pp. 30.
1857. SAWICKI, L. *Quædam de efficaci foliorum Sennæ et radices Rhei substantia disquisitiones.* Dorpati, 8vo, pp. 35.
1860. AUER, V. VON. *Diss. de radice Rhei.* Dorpati, 8vo, pp. 27.
1860. MEYKOW, E. *Comparatæ de radice Rhei aliisque quibusdam substantiis investigationes.* Dorpati, 8vo, pp. 36.
1865. RHEINWALD, C. *Die Störungen in den Verdauungs-Organen in Rücksicht auf die Heilwirkungen des Rhabarbers.* Berlin, 8vo, pp. 72.

1874. SKRAUP, Z. H. Zur Kenntniss der Rhabarberstoffe, Chryso-
phansäure und Emodin. Wien, 8vo, pp. 8.

RHODIUM.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts...
Rhodiums, &c., auf die thierischen Organismus. Tübingen, 8vo.
Bibl. Coll. Surg. Lond.

See rev. in *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 136. See also "Metals,"
1825.

RHODODENDRON CHRYSANTHUM, Linn.

Yellow Rhododendron.

1779. KOELPIN, A. B. Praktische Bemerkungen über den Gebrauch
der sibirischen Schneerose (*Rhododendron chrysanthum*) in
Gichtkrankheiten. Berlin und Stettin, 8vo, pp. 115, tab. i.

Bibl. Banks.

The experiments of this author, which seem to have been conducted with
accuracy and judgment, tend to show that this plant is particularly efficacious
in chronic rheumatism and gout. *Vide* analytical review in *Lond. Med.*
Journ., Jan. 1st, 1781, p. 226, *seq.*

1783. ZAHN, J. H. *Diss. de *Rhododendro chrysantho*. Jenæ, 4to,
pp. 24. *Bibl. Banks.*

1810. METTERNICH, A. F. Ueber die gute Wirkung der sibirischen
Schneerose in der Gichtkrankheit. Mainz, 8vo. *Bibl. Roy.*

Confirms the efficacy of *Rhododendron chrysanthum* in arthritis.—*Edin.*
Med. Surg. Journ., April, 1817, p. 141.

RHUS TOXICODENDRON, Linn., et alt. species.

Poison Oak, Sumach, &c.

1788. DUFRESNOY, A. Des propriétés de la plante appelée *Rhus*
radicans. De son utilité et des succès qu'on en a obtenus pour la
guérison des Dartres, des affections Dartreuses et de la Paralysie
des parties inférieures. Leipzig et Paris, 8vo, pp. 48. *Bibl. Banks.*

Much credit is due to Dr. Dufresnoy for this dissertation; he appears to
be candid in the relation of his cases, his remarks are made with caution, and
indicate great accuracy of observation.—*Horsfield, infra.*

1793. ALDERSON, J. Essay on the *Rhus toxicodendron*, Pubescent
Poison Oak or Sumach, with cases showing its efficacy in the cure
of Paralytic Affections and other diseases of extreme debility.
Hull, 8vo, Third ed., 18c4; Fourth ed., 1811. German transl. by
Dr. L. F. Froriep. Jena, 8vo, 1797. *Bibl. Med.-Chir. Soc.*

1798. HORSFIELD, T. An experimental dissertation on *Rhus*
vernix, *Rhus radicans*, and *Rhus glabrum*. Philadelphia, 8vo,
pp. 88. *Ibid.* in *Caldwell's Med. Theses.*, art. iv, p. 113, *seq.*
Bibl. Med.-Chir. Soc. (Caldwell).

A work of much industry and merit; contains many interesting observa-
tions on the properties of these species of Sumach.—*Bigelow's Amer. Med.*
Bot., i. p. 109. One of the most complete accounts extant on these articles.

1799 (Ann. vii). DUFRESNOY, A. Des caractères, du traitement et de la cure des Dartres, et de la Paralyse des extrémités inférieures; des Convulsions, de la Coqueluche, de l'Épilepsie et du Tétanos, de la Vomique et de la Phthisie Tuberculeuse, &c., par l'usage du Rhus radicans, du Narcisse des Prés, et des Champignons meurtriers (*Agaricus piperatus* et *A. deliciosus*, &c.) Paris, 8vo. German transl. Halle, 1801, 8vo.

Bibl. Coll. Surg. Lond.

Analytical reviews in *Duncan's Annals of Med.*, iv, 1799, p. 182, seq., and *Lond. Med. Rev. and Mag.*, vol. iv, 1800, p. 33, seq.

1800. BOEHMER, G. R. *De Toxicodendro. Resp. C. F. G. Eltz. Wittenbergæ, 4to, pp. 20.

1803. DELILE-FLAYAC, —. *Diss. sur la nature, les effets, et l'usage du Rhus radicans. Montpellier, 8vo.

1809. HEUSINGER, H. Observata quædam circa Rhoa toxicodendron et radicante. Helmstadii, 4to, pp. 36, tab. 2.

1811. BUSSE, C. F. H. De Rhoe toxicodendro et radicante.

Berolini, 8vo, pp. 48.

1815. ZSOLDOS, J. Historia corticis Rhus Cotini cum observationibus clinicis, præmio coronatis. Jaurini, 8vo, pp. 50.

Of fifty-two answers sent in to the question proposed by the Austrian Government as to the most perfect substitute for Cinchona, the second prize was awarded to the author of the above treatise.—*Edin. Med. Surg. Journ.*, April, 1817, p. 139.

1817. TARGIONI-TOZZETTI, O. Lettera contenente l'istoria d'una malattia prodotta dal Rhus vernix. Firenze, 8vo, pp. 24.

1818. MORIS, J. *Disputatio Academica (de Rhoibus radicante et toxicodendro, &c.). Augustæ Taurin. 8vo. *Bibl. Med.-Chir. Soc.*

1820. PRAAG, L. S. VAN. *De Rhoe radicante sive R. toxicodendro. Præs. N. Smalenburg. Lugd. Bat. 8vo, pp. 54, fig. 2.

Bibl. Roy.

1824. GRÜNER, F. J. *Ueber den Gift-Sumach.

Prag, 8vo, pp. 46.

RICHARDSONIA BRASILIENSIS.—Vide EMETIN, 1823.

RICINUS COMMUNIS, Linn.

Castor Oil Plant, Oil and Seeds of.

1598. PETZOLD, J. Epistola medica ad L. Scholzum, qua explicat quid sit Palma Christi. Extat eo in Opere quod idem Scholzius edidit. Francof. folio.

1749. FISCHER, J. A. *De Ricino Americano. Resp. J. P. Schmid. Erfordiæ, 4to, pp. 30. *Bibl. Banks.*

1764. CANVANE, P. Dissertation on the Oleum Palmæ Christi seu Oleum Ricini, or, as it is commonly called, Castor Oil, in which its history is illustrated, its virtues and properties explained, and its uses in bilious, calculous, and other disorders recommended.

Bath. 8vo, pp. 88, tab. i. Second ed. London, 8vo, 1769. Third ed. *ibid.* 1775. French transl. by M. Homart de la Chapelle. Paris, 8vo, 1779. *Bibl. Med. Chir.-Soc. ; Coll. Phys. Edin.*

To Dr. Canvane is due the credit of introducing castor oil into practice. Although he was inclined to over-estimate the powers of "this surprising medicine," endowing it with peculiar virtues in special cases, there can be no doubt that he rendered good service to the profession and the public by bringing to notice so safe and generally useful a purgative as castor oil. Amongst the maladies in which he lauds it, is colica pictonum, in which subsequent experience has fully confirmed its utility.

1780. HUNGERBYHLER, —. De Oleo Ricini, medicamento purgante et Anthelmintico præstantissimo. Friburgi Brisgovia, 8vo, pp. 45, tab. i.

Bibl. Banks ; Acad. Edin. (Ed. Francof. et Lipsiæ, 1791, 12mo).

1782. BONELLI, G. Memoria intorno al Olio di Ricino volgare.

Romæ, 8vo, pp. 279, tab. i.

1786. NEVINSON, R. S. On the use of crude Mercury ; with remarks on Castor Oil. Newark, 8vo. *Bibl. Med.-Chir. Soc.*

1798. HANSEN, A. C. *De Oleo Ricini. Hafniæ, 8vo.

1806. FROMM, F. C. *De Oleo Ricini ejusque in variis Colicæ speciebus effectu præstantissimo. Leovardiæ, 4to. *Bibl. Roy.*

1815. LÖNGBREN, F. J. *De Ricino, Oleo Ricini, ejusque usu medico. Præs. C. P. Thunberg. Upsaliæ, 4to, pp. 12.

1824. BOUTRON-CHARLARD, A. F. et HENRY —. Recherches sur l'existence du principe âcre dans l'embryon du Ricin, et sur les causes de l'âcreté de l'Huile de Ricin d'Amérique. Paris, 8vo.

1855. BOUIS, J. *Recherches chimiques sur l'Huile de Ricin et sur l'alcool copyrique qui en résulte. Paris, 4to.

1857. KRICH, G. F. Experimenta quædam pharmacologica de Oleo Ricini, Crotoni, &c. Dorpati, 8vo, pp. 50.

1864. TUSON, R. V. On an Alkaloid contained in the seeds of Ricinus communis, or Castor-oil Plant.

A short but clear description of a new alkaloid, provisionally named "Ricinine" by its discoverer.—*Lancet*, Dec. 3rd, 1864, p. 637.

1869. HOUZÉ DE L'AULNOIT, —. De l'empoisonnement par les graines de Ricin. Lille, 8vo, pp. 14.

1870. PÉCHOLIER, G. Etude sur l'empoisonnement par les semences du Ricin. Montpellier, 8vo, pp. 32.

ROSA.

The Rose.

1561. MONAEDS, N. De Rosa et partibus ejus, &c. Antwerpia, 16mo. Alt. ed. 1564? *Bibl. Med. Chir.-Soc.*

1628. ROSENBERG, J. C. Rhodologia seu philosophico-medica generosæ Rosæ descriptio. Flosculis philosophicis, arcanis politicis, chymicis, &c., adornata. Argentina, 8vo, pp. 316. Alt. ed. Francof. ad Mœn. 1631, 8vo, pp. 403.

Bibl. Med.-Chir. Soc. ; Coll. Phys. Edin. (Ed. 1631).

1633. CASTELLUS, P. *Vide* "Scammony," 1633.

1681. HAGENDORN, E. Cynosbatologia. Jenæ, 8vo.

Bibl. Chir.-Med. Soc.

Collectio, cum aliqua descriptione Rosæ caninæ et ejus spongiæ; deinde fusiis de modis, quibus vel ipsa Rosa, vel ejus vermiculi aut spongia in medicinam recipiantur.—*Haller, Bibl. Bot.*, i, p. 585.

1751. DEBCUM, L. A. *De Rosa. Wirceburgi, 4to, pp. 27.

1762. HERMAN, —. *De Rosa. Argentorati, 4to. (Ex. in *Wittwer Delect.*, ii. p. 34). *Bibl. Coll. Surg. Lond.; Acad. Edin.*

1795. DAVIDSON, W. On the Pulmonary System... with Appendix containing Observations on Rosa rubra, Flores Chamæmeli, and Sarsaparilla; also on Cicuta, Stramonium, Hyoscyamus, and Aconitum. London, 8vo, pp. 226. *Bibl. Med.-Chir. Soc.*

None of the observations on these articles of materia medica present anything of any particular novelty or interest.

N.B.—Several other works on the Rose are mentioned by Pritzel and by Mérat and De Lens, but they apparently partake more of a botanical or floricultural than of a medical character.

ROSMARINUS OFFICINALIS, Linn.

Rosemary.

1636. DELLA CHENA, P. Vera virtute che si cava del Rosmarino.

Romæ, 24mo.

Arcanum ex Rosemarino paratum medicamentum extollit.—*Haller, Bibl. Med. Pract.*, ii, p. 620.

1685 (Anon.). Rosmarin-Büchlein, oder Beschreibung, wie Rosmarin zu zeugen und zu brachen. Halberstadt, 8vo.

1710. NEBEL, D. *De Rose marino. Resp. Limberger.

Heidelbergæ, 4to.

1718. ALBERTI, M. *De Rose marino. Resp. J. W. Sparmann. Halæ, 4to, pp. 32. *Bibl. Linn. Soc.; Banks.*

1718. SPIES, J. C. Rosmarini coronarii historia medica.

Helmstadii, 4to, pp. 39.

Potissimum medicamenta describit, quæ ex Rose marino obtinentur ut aquam spirituosam alia.—*Haller, Bibl. Bot.*, ii, p. 103.

1725. FICKIUS, J. J. *Diss. Rosmarinum exhibens. Resp. N. Boenerus. Jenæ, 4to, pp. 23.

Bibl. Banks; Radcliffe (sub nom. Boenerus).

RUBIA TINCTORUM, Linn.

Dyers' Madder.

1707. WURFFBAIN, F. S. *De Rubia tinctorum. Basileæ, 4to, pp. 28. *Bibl. Banks.*

1751. BOEHMER, J. B. *Radici^s Rubi^s tinctorum effectus in corpore animali. Resp. C. A. Gebhard. Lipsiæ, 4to, pp. 42.
Bibl. Roy.
Propria habet experimenta. A Rubia intrusa animalia non pereunt, si seorsim ab alimento dederis: omnes ab ea humores animalis aliquantum tinguntur, etiam gluten articulare. Durissima ossa minus rubent, sed testa ovi gallinæ Rubiæ pastæ.—*Haller, Bibl. Bot.*, ii, p. 411.
1752. BOEHMER, J. B. Prolusio anatomica quo callum ossium cum Rubiæ tinctorum radici^s pastu insectorum describit. Lipsiæ, 4to, fig. *Bibl. Roy.*
Nucleos osseos renascentis calli Rubia tingi, periosteum album manere: ambire nucleos. Novum os penitus rubet.—*Haller, op. cit.*, p. 411.
1753. DETLEF, P. *Ossium calli generatio et natura per fracta in animalibus Rubiæ radice pastis ossa demonstrata. Gottingæ, 4to. *Bibl. Roy.*
Rubia adversus achores usus est; solam tamen aquam cum radice decoc- tam dedit.—*Haller, op. cit.*, p. 477.
1763. CANALS, J. P. Diss. sobre la Rubia. Madrid, 4to.
1763. STEINMEYER, G. F. *De Rubia tinctorum. Argentorati, 4to, pp. 32. *Bibl. Linn. Soc.; Coll. Surg. Lond.*
Descriptio et cultus Rubiæ Alsaticæ. Experimenta. Sola ossa tingit, lentius in vetulo animale. Pleræque Stellatæ plantæ depastæ perinde ossa tingunt.—*Haller, op. cit.*, p. 522.
1769. OETTINGER, F. C. *De viribus radici^s Rubiæ tinctorum anti-rachiticis, a virtute ossa animalium vivorum tingendi non pendentibus. Tubingæ (in *Baldinger Syllog.*, v, p. 252.) *Bibl. Med.-Chir. Soc. (Baldinger.)*
Non multa a Rubia sperat ad rachitidis curationem.—*Haller, op. cit.*, p. 597.
1851. ROCHLEDER, F. Untersuchung der Wurzel der Rubia tinctorum, &c. Wien, 8vo, pp. 14.

RUBUS, Species of.

1716. KELLANDER, D. *Diss. de Rubo humili, &c. Præs. O. Rudbeck. Upsaliæ, 8vo, pp. 50, tab. ii. *Bibl. Med. Soc. Lond.*
1721. CAMERARIUS, R. J. *De Rubo idæo. Resp. T. H. Sawey. Tubingæ, 4to, pp. 20. *Bibl. Banks.*
1774. SCHULZE, J. H. *De Rubo idæo officinarum. Resp. J. A. Meyer. Halæ, 4to, pp. 26. *Bibl. Linn. Soc.; Radcliffe (sub nom. Meyer.)*
Gratissimi fructus laudes.—*Haller, Bibl. Bot.*, ii, p. 144.
1813. THUNBERG, C. P. *De Rubo. Upsaliæ, 4to, pp. 12, tab. i.
1815. WERNER, A. *De herba Rubri Chamæmori. Vilmæ, 8vo, pp. 24.

RUMEX AQUATICUS, Linn. et alt. sp.

Water Dock, Sorrel, &c.

1681. MÜNTING, A. De vera antiquorum Herba Britannica ejusque efficacia contra Stomacaceen seu Scelotyrbem, &c. Amstelodami, 4to, pp. 231, tab. 24. Ibid. 1698. Redit. cum notis in H. Canegieter, Diss. de Brittenburgo, &c., Hagæ Com., 1734.

Bibl. Banks; Acad. Edin.

The edition of 1698 differs in no respect from that of 1681, excepting in having a new title page.—*Pritzel.*

1765. HILL, Sir J. The power of Water Dock (*s. e.* Rumex aquaticus) against the Scurvy. London, 8vo, pp. 32. Tenth ed. Lond. 1777, 12mo, pp. 46, tab. i.

Bibl. Coll. Phys. Edin.; Med.-Chir. Soc.

Like most of this author's writings, this essay savours strongly of empiricism. With regard to water dock in scurvy, he asserts that "few medicines are more effectual and none more innocent."

1808. ANELLI, G. Cenni medici sulla Salvia glutinosa, sul Lapázio acuto (*Rumex acutus*), &c. Milano, 4to.

RUSCUS ACULEATUS, Linn.

Butchers Broom.

1727. ZANNICHELLI, J. H. De Rusco ejusque medicamentosa preparatione. Venetiis, 8vo, pp. 15, tab. i. *Bibl. Banks.*
Nempe semina ad coffeæ modum tosta, potum dare non ingratum, et diureticum.—*Haller, Bibl. Bot.*, ii, p. 116.

RUTA GRAVEOLENS, Linn.

Common Rue.

1715. SLEVOGT, J. A. *De Ruta. Resp. J. Curtius. Jenæ, 4to, pp. 40. *Bibl. Linn. Soc.*
1735. VATER, A. *De Ruta ejusdemque virtutibus. Resp. J. A. Kettner. Wittenbergæ, 4to, pp. 21. *Bibl. Banks.*
1735. STENTZEL, C. G. *De Ruta medicamento et veneno. Resp. J. C. Sternberg. Wittenbergæ, 4to, pp. 48. *Bibl. Banks.*
Ad mala hysterica, aliaque laudat.—*Haller, Bibl. Bot.*, ii, p. 179.
1818. PÉROT, —. *Considérations générales sur les Emmenagogues et en particulier sur la Rue, &c. Strasbourg, 4to.
1830. KROEBER, H. *Ueber die Ruta graveolens, Linn., &c. Würzburg, 8vo, pp. 32.

SABADILLA SEEDS and SABADILLINE.

Asagraea officinalis, Lindley.

1835. TURNBULL, A. On the medical properties of the Nat. Ord. Ranunculaceæ, and more particularly on the uses of Sabadilla seeds...Sabadilline, &c. London, 8vo, pp. 171.
See also "Ranunculus," 1835.

1869. WEYLAND, L. Vergleichende Untersuchungen über Veratrin, Sabadillin, &c. Giessen, 4to. *Bibl. Med.-Chir. Soc.*

SACCHARUM.

Sugar.

1597. KUNRATH, C. C. (C. C. K.). Fünf schöne Tractätlein vom Elleboro... Saccharo, &c. Lipsiæ, 8vo.
1637. SALA, A. Saccharologia. Rostochii, 8vo.
1659. TACCIUS, J. *Vide* "Alcohol," 1659.
1659. DEUSINGIUS, A. Diss. de Manna et Saccharo. Groningæ, 12mo, pp. 170. Id. in ejus *Diss. Select.*, pp. 383-564. *Bibl. Linn. Soc.; Coll. Phys. Edin.; Banks.*
1664. SALMASIUS, C. *Vide* "Manna," 1664.
1675. PELLETIER, N. Quæstio medica; est ne in medicina Saccharum utile. Paris, 4to.
1701. HOFFMANN, F. *Sacchari historia naturalis et medica. Resp. J. E. Moëderjan. Halæ, 4to, pp. 32. *Bibl. Linn. Soc.; Banks.*
1715. SLARE, F. Observations upon Bezoar-stones, which prove them to be of no use in physik; with a Vindication of Sugars against the censure of Willis and common prejudices. London, 8vo. *Bibl. Radcliffe; Coll. Surg. Lond.*
Egregius liber.—*Haller, Bibl. Pract. Med.*, iii, p. 507.
1719. DE PRÉ, J. F. *De Arundine saccharina. Erfordis, 4to, pp. 16.
1719. QUELUS, —. *Vide* "Theobroma Cacao," 1719.
1720. CRUMP, G. *De Arundine saccharifera ejusdemque usu. Lugd. Bat., 4to, pp. 15. *Bibl. Med.-Chir. Soc.*
1723. KINCK, S. De diæta Saccharata. Regiomonti, 4to. *Bibl. Med. Soc. Lond.*
1750. SHORT, T. On Sugar, &c. *Vide* "Tabacum," 1750.
1752. BONHOEFFER, J. H. De Saccharo ejusque viribus et usu. Altdorfii, 4to.
1754. HATTÉ, J. B. Quæstio medica; an Saccharum parcè nimis in hygiène laudatum, in praxi nuncupatum? Paris, 4to.
1759. ASTRUC, J. Quæstio medica; an Saccharum alimentum? Paris, 4to.
1761. MENDEL, P. *De Saccharo. Pres. J. F. Cartheuser. Francof. 4to, pp. 24. *Bibl. Med.-Chir. Soc.; Radcliffe; Banks (sub nom. Cartheuser).*
1763. PLAZ, A. W. De Saccharo. Programma. Lipsiæ, 4to, pp. 16. *Bibl. Radcliffe; Banks.*
1775. RUYSS, —. *Diss. de Sacchari effectibus salubribus et insalubribus in corpus humanum. Duisburgi, 4to.

1788. CARMINATI, B. Des effets du Sucre et du Sel Marin sur le corps animal, &c. Paris.
1788. RIGBY, E. Chemical observations on Sugar. London, 8vo. German transl. by S. Hahnemann. Dresden, 8vo, 1791. *Bibl. Med.-Chir. Soc.; Linn. Soc.*
1789. LEBRETON, F. Traité sur les propriétés et les effets du Sucre. Paris, 12mo, pp. 192, tab. i. Nouv. éd. Paris, 1790, 12mo. *Bibl. Linn. Soc.; Banks.*
1799. MOSELEY, B. Treatise on Sugar. London, 8vo. *Bibl. Med.-Chir. Soc.*
1800. LANGSTEDT, F. L. *Vide* "Coffea," 1800.
1806. DUVAL, M. Essai sur la Toxicologie, suivi d'obs. et expériences sur l'emploi du Sucre dans les empoisonnemens par quelques oxydes minéraux. Paris, 4to.
1815. BUROLLEAU, S. L. *Emploi diététique et médical du Sucre. Paris, 4to.
1817. MAGENDIE, F. Mémoire sur les propriétés nutritives des substances qui ne contiennent pas d'azote (le Sucre, &c.) Paris, 8vo.
1820. GÜNTHER, J. J. Ueber die medizinische Anwendung des Zuckers. Köln, 8vo. Ibid. 1836. *Bibl. Roy.* (ed. 1820).
1832. POSTEL, M. P. Considérations sur l'emploi du Sucre dans les empoisonnemens par les matières Cuivreuses. (*Ex Journ. de Pharm.*, xviii, p. 570). Paris, 4to.
1844. KERSTING, E. F. *Saccharum sanguine receptum in urinam transire probatur experimentis. Misena, 8vo, pp. 23.
1845. BAGOT, —. Recueil d'observations pratiques sur les bons effets du Sucre dans le traitement des Hydropisies, &c. Paris, 8vo.
1855. GIBB, G. D. De l'assimilation du Sucre. Paris. *Bibl. Manchester Med. Soc.*
1856. POGGIALE, A. B. On the action of Sugar on the animal economy. See "Alkalies," 1856.
1846. LERAS, J. F. N. Observations sur le Sucre. Thèse de Chimie. Strasbourg, 8vo, pp. 40, tab. 6.
1856. WITTE, W. J. Meletemata de Sacchari, &c., in organismo mutationibus. Dorpati, 8vo, pp. 36.
1859. FISCHER, G. *Beiträge zur Frage über die Entstehung des Zuckers im thierischen Organismus. Göttingen, 8vo.
1862. MANTEGAZZA, P. *Sulla azione dello Zucchero e di alcune sostanze acide sui Denti. Pavia, 8vo.

This pamphlet contains the experiments of Professor Mantegazza (which always recommend themselves no less for the ingenuity and exactness they exhibit than for the interest which attaches to their subject-matter), under-

taken with the view of ascertaining the action of sugar upon the teeth. The main conclusion arrived at is, that weak, easily fermentable solutions of sugar act upon the dental structures in a destructive sense more rapidly than its stronger solutions, which being more concentrated are not equally liable to fermentative change. See *Brit. and For. Med.-Chir. Rev.*, October, 1863, p. 466.

1863. CAMERON, C. A. Sugar: its composition, properties, preparations, and adulteration, &c. Dublin, 8vo.

Contains a description of all varieties of sugar, its history from the earliest ages, its manufacture, adulterations; &c. It contains likewise portraits of the *Acarus sacchari*, which at one time attracted much attention in Dublin in connection with the sugar supplied to the South Dublin Union.—*Dublin Quart. Journ. Med. Sci.*, February, 1865, p. 196.

SACCHARUM LACTIS.

Sugar of Milk.

1700. PROSPERI, M. B. Inventoris de novo Saccharo Lactis præstantissimorum medicorum judicia: auctoris de eodem Saccharo relatio, novi systematis compendium, nec non pro absolvenda Arthritidis curatione notitia, &c. Venetiis, 12mo.
- 1701-5. WEBLOSCHNIG, J. B. Laudes Sacchari Lactis in morbis Arthriticis (Ex. in *Mem. Acad. Nat. Cur.*, Dec. iii., Ann. x, Obs. 155.
1709. TESTI, L. De novo Saccharo Lactis. Lugd. Bat. 12mo. *Bibl. Acad. Edin.*
1713. FICK, J. J. Diss. de Saccharo Lactis et Magnesia alba. Jenæ, 4to.
1713. LEDELIUS, J. S. *Diss. de Arthritide ejusque remedio Saccharo Lactis. Præs. J. A. Slevogt. Jenæ, 4to.
1858. ERDMANN, E. O. Diss. de Saccharo lactico et amylaceo. Berlin, 8vo, pp. 31.

SAGAPENUM. Vide AMMONIACUM, 1861.

SALICINE.

Active principle of several species of Salix.

1830. BLAINCOURT, J. B. *Essai sur la Salicine et sur son emploi dans les Fièvres Intermittentes. Paris, 4to.
1831. BESSER, O. L. VON. *De Salicinio. Berolini, 8vo, pp. 32.
1833. RICHELLOT, G. Mémoire sur les propriétés fébrifuges de la Salicine. (Ex. in *Archives Gén. de Méd.*) Paris, 8vo.
1834. ELLIOT, V. L. *Considérations sur la Salicine et ses propriétés fébrifuges. Strasbourg, 4to.
1835. KANZLER, B. *Experimenta circa Salicinæ virtutem febrifugam. Pragæ, 8vo, pp. 38.
1835. BLOM, P. J. Medical Observations and Contributions on Salicine, with comparative observations on the merits of Sulphate VOL. II. 43

of Quinine and Piperine. Amst. 8vo, pp. 78. (In Dutch.)
German transl. by Dr. Salomon. Potsdam, 16mo, 1835, pp. 104.

A series of useful observations on the physiological and therapeutic effects
of salicine, an abstract of which is given in *Edin. Med. Surg. Journ.*, xlviii,
1837, pp. 558-60.

1861. DUHALDE, HALMAGRAND, et GAUCHERON, MM. De l'ad-
ministration du Cyano-ferrure de Sodium et de la Salicine dans
les Fièvres d'accès, comme succédané du Sulfate de Quinine.

Paris, 8vo, pp. 128.

1864. MOITESSIER, A. Recherches sur la Salicine et les composés
saliciliques (Chemical). Montpellier, 4to, pp. 76.

See also "Salix."

SALICYLIC ACID.

1875. FONTHEIM, K., KOLBE, H., und ZÜRN, F. A. Über die Wirk-
ung der Salicylsäure als Arzneimittel. Leipzig, 8vo, pp. 11.

1875. FLECK, H. Versuche zur Feststellung des Werthes der Sali-
cylsäure als Desinfectionsmittel, &c. München, 8vo, pp. 80.

1875. FÜRBRINGER, P. Zur Wirkung der Salicylsäure.

Jena, 8vo, pp. 120.

1875. NEUBAUER, C. Über die gährungshemmende Wirkung der
Salicylsäure. Leipzig, 8vo, pp. 19.

1875. KOLBE, H., und NEUBAUER, C. Die Salicylsäure in ihren
verschiedenen Wirkungen. Leipzig, 8vo, pp. 29.

See also "Disinfectants."

SALIX ALBA, Linn., et alt. sp.

The White Willow, and other species.

1769. HARTMANN, P. I. De Salice laurea odorata, Linnæi pen-
tandra. Resp. C. H. Speckbuck. Traject. ad Viad. 4to, pp. 40.

Bibl. Banks.

1770. MEYER, I. J. De Salicis fragilis usu medico. Butzow, 4to.

1772. GUENZ, J. W. Disp. ii de cortice Salicis cortici Peruviano
substituendo. Lipsiæ, 4to, pp. 28, 32; nova ed. Lipsiæ, 1787,
8vo, pp. 110.

Bibl. Acad. Edin.

1778. KONING, P. *De cortice Salicis albæ ejusque in medicina
usu. Harderovici, 4to.

Bibl. Roy.

1781. HARTMANN, P. I. et LUDERS, —. *Diss. de virtute Salicis
anthelmintica. Traject. ad Viad. 4to.

1782. AKERBERG, M. *De usu corticis Salicis in Febribus Inter-
mittentibus. Præs. E. Rosenbald. Lundæ, 4to, pp. 26.

1792. JAMES, S. Observations on the Bark of a particular species
of Willow, showing its superiority to the Peruvian, and its

- singular efficacy in the cure of agues, fluor albus, abscesses, hæmorrhages, &c., with cases London, 8vo, pp. 69.
Commends the bark of *Salix latifolia* (caprea) in strong terms as a substitute for cinchona.—*Med. Phys. Journ.*, x, 1803, p. 374.
1793. LOEBEN, J. *De usu corticis Salicis fragilis variis in morbis, præcipue in Febribus putridis. Præs. B. C. Otto.
Francof. ad Viad. 4to, pp. 18.
1798. WHITE, W. Observations and experiments on the broad-leaved Willow Bark (*Salix caprea*). Bath, 8vo, pp. 58.
Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.
Adduces valuable testimony to the efficacy of the bark as a substitute for cinchona in the treatment of periodic fevers.—*Med. Phys. Journ.*, x, 1803, p. 374.
1803. WILKINSON, G. Observations on the Cortex Salicis latifoliæ. ... General History of the *Salix latifolia*, with a variety of experiments tending to elucidate its properties. Illustrated by cases demonstrating its superior efficacy above Cinchona in various diseases, particularly in medical surgery. Newcastle, 8vo, pp. 118, tab. col. 1. *Bibl. Med.-Chir. Soc.*
The lengthy title of this work (which as given above is greatly abbreviated) sufficiently indicates the scope and character of the work. Though the author's cases show willow bark to possess valuable febrifuge properties, he fails to establish its claims as superior in efficacy to cinchona, which he considers it to possess. "We must acknowledge the fairness of his cases at the expense of the inferences which he would deduce from them."—*Med. Phys. Journ.*, x, 1803, p. 275.
1852. DESMARTIS, T. P. Propriétés médicinales des diverses espèces de Saules. Bordeaux, 8vo, pp. 16.

SALVIA OFFICINALIS, Linn.

Common Sage.

1688. PAULLINI, C. F. Sacra herba sive nobilis Salvia, &c. Augustæ Vindelicorum, 8vo, pp. 414. *Bibl. Banks.*
Integrum volumen formularum, quas salvia ingreditur, ut tamen in omnia alia auctor divagetur, etiam in jura medicorum, et curationum historias.—*Haller, Bibl. Med. Pract.*, iii, p. 299.
1689. HUNAUT, F. J. Discours physique sur les propriétés de la Sauge, &c. Paris, 12mo, pp. 106. Idem. Paris, 1698.
Agit de thea et coffea. Salviam commendat in locum utriusque. Eam describit, ejusque dat analysin. Vires medicas valde ornat, qui infuso se ipsum cephalalgia liberaverit.—*Haller, Bibl. Bot.*, ii, p. 40, et *Bibl. Med. Pract.*, iv, p. 205.
1695. AFFORTY, F. et TOURNEFORT, J. DE. *Ergo potus e Salvia salubris. Paris, 4to.
1715. WEDEL, G. W. *De Salvia. Resp. B. Weissheit. Jenæ, 4to, pp. 40. *Bibl. Linn. Soc.; Banks.*
Vires medicæ.—*Haller, Bibl. Bot.*, i, p. 559.

1723. STENTZEL, C. G. *De Salvia in infuso adhibenda, hujusque præ Thea Chinensi præstantia. Resp. M. G. Feyerabend. Wittenbergæ, 4to, pp. 40. *Bibl. Linn. Soc.; Banks.*
Valde laudat. Theæ præfert, cum lacte suadet conjungere. Ad infarctum pulmonalem, menses resides, &c.—*Haller, Bibl. Bot.* ii, p. 179.
1753. SHORT, T. Dissertation upon Tea. A discourse on the virtues of Sage and Water, &c. London, 4to, pp. 96. *Bibl. Banks; Manchester Med. Soc.*
1763. HILL, Sir J. The virtues of Sage in lengthening human life, &c. London, 8vo. German transl., Altenberg, 1779, 8vo. *Bibl. Med. Soc. Lond.*
1777. ERLINGEE, A. E. Commentatio botanico-medica de Salvia. Erlangæ, 4to, pp. 63. *Bibl. Acad. Edin.*
1829. TAPIE, J. Essai sur la Sauge en général, et l'emploi médical de son essence éthérée. Bordeaux, 8vo, pp. 16.

SALVIA GLUTINOSA, Linn.

1808. ANELLI, G. Cenni medici sulla Salvia glutiosa, &c. Milano, 4to.

SAMBUCUS EBULUS, Linn.

Dwarf Elder.

1745. JUCH, H. P. *De Ebulo ejusque usu medico. Erfordiæ, 4to, pp. 25.

SAMBUCUS NIGRA, Linn.

Common Elder.

1626. ECKHARDT, E. Sambucus medicinalis (in German). Erfurt, 4to.
1631. BLOCHWITZ, M. Anatomia Sambuci, quæ non solum Sambucum et hujusdem medicamenta singulatim delineat, &c. Lipsiæ, 12mo, pp. 298. Ibid. London, 1650, 12mo, pp. 281. English transl. London, 1655, 12mo, pp. 230. German transl. by Dr. Becker, Königsberg, 8vo, 1650, et Leipzig, 1685, 1692. *Bibl. Coll. Phys. Lond.; Med.-Chir. Soc.; Acad. Edin.* (1650-5).
De sambuco brevissime, de viribus fusissime, quas ad omnes pene morbos extollit.—*Haller, Bibl. Bot.*, i, p. 447.
1720. WEDEL, G. W. *Diss. de Sambuco. Resp. F. A. Treise. Jenæ, 4to, pp. 40. *Bibl. Banks; Acad. Edin.* (sub nom. Treise).
Vires potissimum medicæ, etiam fabulosæ, sambuci.—*Haller, op. cit.*, p. 560.
1720. CRUGER, J. Præjudicium curiosum de Sambuco, &c. Zittau, 4to.
1733. TIDEMANN, J. R. *Historia Sambuci vulgaris. Groningæ, 4to, pp. 15.
Practici argumenti contra editorem historiæ plantarum Boerhaavii.—*Haller, Bibl. Bot.*, ii, p. 269.
1771. BOEHMER, G. R. *De Sambuco, in totum medicinali. Resp. G. C. S. Georgius. Wittenbergæ, 4to, pp. 36. *Bibl. Banks.*

1843. ANDERS, L. N. Die vollständ. Hollunder- und Kamillen Apotheke. Nordhausen, 12mo.

SANGUINARIA CANADENSIS, Linn.

Blood Root, Puccoon, &c.

1803. DOWNEY, W. *An investigation of the properties of Sanguinaria Canadensis, or Puccoon. Philadelphia, 8vo.
 1822. BYRD, F. *On the Sanguinaria Canadensis of Linnæus. New York, 8vo. *Bibl. Med.-Chir. Soc.; Med. Soc. Edin.*
 1828. TULLY, W. An essay, pharmacological and therapeutical, on Sanguinaria Canadensis. New York, 8vo, pp. 92.
 1857. FELL, J. W. Treatise on Cancer and its treatment. London, 8vo, pp. 95.

In this work Dr. Fell sets forth his views on the treatment of cancer by the agency of a compound caustic, of which Sanguinaria Canadensis formed an ingredient, and to which article the author assigns the main influence. Had he assigned the benefit to chloride of zinc, another ingredient, he would have been nearer the mark. See review in *Medical Times and Gas.*, June 6th, 1857, p. 573.

1860. GIBB, G. D. On the value of Sanguinaria Canadensis as a remedial agent. Reprint from *Glasgow Med. Journ.*, July, 1860, p. 121, *seq.* London, 8vo.
Bibl. Linn. Soc.; Manchester Med. Soc.

A very interesting communication, containing many original observations on this plant.

1869. WEYLAND, L. Vergleichende Untersuchungen über Veratrin, Sanguinarin, &c. Giessen, 4to. *Bibl. Med.-Chir. Soc.*

SANTALUM ALBUM, Linn.

White Sandal Wood Tree.

1874. DUBAND, G. *Étude sur les Santalacées, et sur les propriétés chimiques et thérapeutiques de l'Essence de Santal citrin. Paris, 4to. *Ibid.* 1875, 8vo, pp. 7.

For an account of white sandal wood and its volatile oil, including remarks on the use of the latter in the treatment of gonorrhœa, see *Pharmacopœia of India*, pp. 197, 461.

SANTONIN.

Active principle of Santonica, Artemisia Contra, q.v.

1838. RAPP, W. VON. Ueber das Santonin. Heilbronn, 8vo, pp. 46.
 1859. MANUS, V. *Das Santonin, eine pharmacologische Monographie. Marburg, 8vo, pp. 59.
 1860. JABLONOWSKI, J. De Santonini, Arbutini, &c., intra organismum humanum rationibus. Dorpati Livon. 8vo, pp. 37.
 1869. KRAUSS, T. Über die Wirkungen des Santonins und Santonin-Natrons. Tübingen, 8vo, pp. 52.

- n. d. CASANTI, D. Sulle modificazione che la Santonina subisce nell' organismo animale. Firenze. *Bibl. Manchester Med. Soc.*

SAPO.

Soap as a Medicinal Agent.

1736. BACHOVEN, H. F. *De remediis Saponaceis. Duisburgi, 4to.
Bibl. Roy.
1736. LUDWIG, J. J. De Saponis usu medico. Halæ Magd. 4to.
Bibl. Coll. Surg. Lond.
1745. JURIN, J. On the effects of Soap Lye taken from Stone.
London, 8vo. *Bibl. Med. Soc. Lond.*
1746. SCHULZE, J. H. Diss. de Saponis usu medico. Halæ, 4to.
1756. KUCHELBECKER, G. G. *De Saponibus. Lipsiæ, 4to. (Idem in *Schlegel Theat. Mat. Med.*, vol. ii, art. 15, pp. 43.)
Bibl. Med.-Chir. Soc. (Schlegel); *Coll. Phys. Edin.*
Contains a full inquiry into the etymology, nature, characters, and uses of soap and saponaceous remedies in general.
1757. MARKMUELLER, J. Diss. de Sapone Veneto. Vindob, 4to.
1763. BUCHOLTZ, W. H. S. *De Saponibus quibusdam mineralibus
FRÆS. J. F. Faselio. Jenæ, 4to. *Bibl. Roy.*
1767. DALLER, A. *De Saponibus. Basileæ, 4to.
1774. SCHULZE, J. G. F. *De Saponibus. Gottingæ, 4to.
Bibl. Med.-Chir. Soc.
1774. BREY, J. T. Diss. de Saponibus in genere et specie.
Enopontis, 4to.
1774. MACQUER, P. J. Mémoire sur les Savons acides et sur l'avantage qu'on en pourrait retirer dans la pratique de la médecine. (*Mém. de la Soc. Roy. de Méd.*, 1776, p. 369, et 1779, p. 188).
1779. MAJAUULT, M. Soap as an antidote to Nitric Acid. *Vide* "Ammonia," 1779.
1781. KRÜGER, G. F. See "Acids." 1781.
794. HILDEBRAND, A. F. *Diss. sistens internum Saponis usum nocivum. Marburgi, 4to, pp. 46.
1875. GUILLOT, A. L. M. *Du traitement de l'Acné par le Savon noir. Paris, 4to.

SAPONARIA OFFICINALIS, Linn.

Soapwort.

1612. CLAUDINUS, J. C. *Vide* "Smilax Officinalis," 1612.
1756. LUDOLFF, H. *De Saponaria ejusque virtutibus specificis.
Erfordisæ, 4to, pp. 39.
Setting forth its virtues as an antisypilitic. Haller assigns 1764 as the date of this thesis, but Pritzel agrees with Mérat and De Lens in giving 1756

1760. CARTHEUSER, J. F. *De radice Saponariæ. Resp. E. R. Schlincke. Francof. ad Viad. 4to, pp. 24.
Bibl. Banks. ; Radcliffe (sub nom. Schlincke).

SARSAPARILLA. Vide SMILAX OFFICINALIS.

SASSAFRAS LIGNUM.

Sassafras.

1592. WITTICH, J. Vom Ligno Guajaco...Sassafras, &c. Lipsiæ, 4to. Id. 1603.
 Compilatio.—*Haller, Bibl. Bot.*, i, p. 372.
1612. CLAUDINUS, J. C. De ingressu ad infirmos...De natura et usu lignorum Guaiaci, Sassafras, &c. Bonon. 4to.
1627. NEANDER, J. Sassafrasologia; hoc est Tecmarsis, nobile Sassafras lignum dextre ac feliciter in omnibus ferme corporis humani incommodis in usum ducendi. Bremæ, 4to, pp. 102.
1846. SAINT-EVRE, E. *Recherches sur l'huile essentielle de Sassafras. Paris, 4to, pp. 18.

SCAMMONIUM.

Scammony.

1537. CHAMPERIUS, J. Diss. de Græcorum et Arabum Scammonio. Loc? 8vo.
1633. CASTELLUS, P. Discorso dell Elettario rosato di Mesue, nel quale si ragiona della Rosa, e della Scammonia. Roma, 4to.
- 1836-7. MARQUAET, L. C. Die Scammonium sorten des Handels; monographisch bearbeitet. Lemgo, 8vo, pp. 44.
1860. BASTGEN, C. A. De bilis ad Jalapæ et Scammonii resinas vi et effectū. Dorpati, 8vo, pp. 32.
1861. LAVAL, G. H. Étude sur la Scammonée de Montpellier. Montpellier, 4to, pp. 31.

SCILLA MARITIMA, Linn.

Squill.

1567. DURASTANTES, J. M. Libri duo medici. i. De Aceti Scillini compositione, mirificis ob sanitatem ac vitam diutissime producendam viribus, ac congruo usu. ii. De Aloes, q.v. Venetian, 8vo. Alt. ed. Giessæ, 12mo, 1614. Italian transl., *Mansueti, Bibl. Coll. Phys. Medic.* 8vo, 1574.
1715. CORVINUS, G. L. *De Scilla. Præs. J. J. Baier. Altdorfi, 4to, pp. 24.
Bibl. Homb.
 Piscibus funestam fuisse; cum in clibano cum pane aceto tritu, hystericis profuisse.—*Haller, Bibl. Bot.*, ii, p. 81.

1722. ALBERTI, M. *De Squilla. Resp. J. G. Richter. Halæ, 4to, pp. 37. *Bibl. Linn. Soc.; Coll. Phys. Edin. (sub nom. Richter).*
Valde laudat in asthmate et hydrope.—*Haller, Bibl. Med. Pract.*, iv, p. 393 et *Bibl. Bot.*, ii, p. 154.
1737. WAGNER, G. De admirandis quibusdam Scillæ in pulvere exhibitæ virtutibus. Lubec, 4to.
1737. SCHULZE, J. H. Disp. sistens ægotum Asthmaticum usu radicis Scillæ sublevatum. Halæ, 4to. (Ex. in *Haller, Disp. Med. Pract.*, ii, p. 139). *Bibl. Med.-Chir. Soc. (Haller).*
1739. SCHULZE, J. H. *Examen chemicum radicis Scillæ marinæ. Resp. J. G. Meder. Halæ, 4to, pp. 34.
1759. BRICHENDEN, J. *De radice Scillæ. Edin. 8vo. (Idem in *Schlegel, Thes. Mat. Med.*, vol. ii, art. 24, p. 365.)
Bibl. Med.-Chir. Soc. (Schlegel).
Chiefly pharmacological; contains notices, however, of the value of squills in asthma and incipient dropsy.
1785. CASPARI, P. H. *De Scilla. Gottingæ, 4to, pp. 40.
Bibl. Banks.
- 1794. ATHANASIVS, E. *Historia physico-medica radicis Squillæ marinæ. Halæ, 4to. *Bibl. Roy.*
1797. BENECKE, C. F. *Observationes de Tincturæ Scillæ salinæ adversus Hydropicos morbos usu maxime commendabili. Præs. C. A. W. Berends. Francof. ad Viad. 4to.
1828. MENNINI-BETTINI, J. *De Scilla maritima. Præs. J. Moretti, Ticini, 8vo, pp. 30.
1856. MARAIS, J. H. *Recherches sur la Scille. Paris, 4to.
1864. SCHROFF, C. D. On the chemical composition of, and on the physiological properties of the Scilla maritima. (In German). (Ex *Zeitschrift der Gesellschaft der Aerzte zu Wien*, No. 42. 1864).
For an abstract of this long and elaborate paper, designated by Flückiger and Hanbury (p. 629) "a valuable monograph," see *Brit. and For. Med.-Chir. Rev.*, July, 1865, p. 248, seq.
1871. MOUCHOT, A. *Quelques considérations sur la Scille dans les Hydropisies. Paris, 4to.

SCOREZONERA HISPANICA, Linn.

1569. MONARDES, N. De dos medicinas excellentissimas contra todo veneno, la piedra Bezoar y la yerva Escorzonera. Sevilla, 8vo. (Redit. in *Ctusii Exoticorum lib.*, Antwerpise, 1605, fol. ii, p. 43-50).
1610. CHIAVENA (CLAVENA), N. Historia Scorzonerae Italicae (cum ejus Historia Absynthii Umbelliferi). Venetiis, 4to, pp. 16.
Bibl. Banks.
1666. FEHR, J. M. Anchora sacra, vel Scorzonera, &c. Jenæ, 12mo, pp. 167, tab. 4. *Bibl. Med.-Chir. Soc.*
1710. WEDEL, G. W. *De Scorzonera. Jenæ, 4to.

SCROPHULARIA NODOSA, Linn.

Knotted Figwort.

1720. SLEVOGT, J. A. *De Scrophularia. Resp. H. C. Ehrlich.
Jenæ, 4to, pp. 27. *Bibl. Banks.; Linn. Soc.*
Ad hæmorrhoides varia forma utiliter se exhibuisse.—Haller, *Bibl. Med. Pract.*, iv, p. 91.
1789. OTTO, B. C. De Scrophulariæ usu. Traject. ad Viad. 4to.
1862. SEILER, J. Über die Behandlung der Lungenschwindsucht durch die Brusterweiterung, und den Gebrauch der Scrophularia nodosa. Basel, 8vo, pp. 227.

SCUTELLARIA GALERICULATA, Linn.

SCUTELLARIA LATERIFLORA, Linn.

1737. EICHRODT, C. F. Diss. medica de Tertianaria herba. Basileæ, 4to.
1789. BAEUMLEIN, E. C. F. *Diss. de Scutellaria galericulata, sive Tertianaria. Præs. H. F. Delius. Erlangæ, 4to, pp. 22.
1819. SPALDING, LYMAN. A history of the introduction and use of Scutellaria lateriflora (Skull-cap) as a remedy for preventing and curing Hydrophobia, &c. New York, 8vo, pp. 31, tab. col. 1. German transl. Leipzig, 8vo, 1822.
In this work are related numerous cases apparently worthy of credit, and apparently proper for putting to the test the alleged antidotal powers of this remedy in hydrophobia. See review in *London Med. Phys. Journal* vol. xliii, 1820, p. 230, seq.
1820. CHAUSSIER et MÉRAT, MM. Rapport sur un mémoire de M. Lyman Spalding relatif aux vertus anti-hydrophobiques de la Scutellaria lateriflora. (Ex. in *Bull. de la Faculté de Méd.*, vii, 1820, p. 191).

SEDUM ACRE, Linn.

Stone Crop. Wall Pepper.

1784. HARTMANN, P. I. *De Sedo acri Linnæano ejusque virtute in Cancro aperto et exulcerato. Resp. J. W. F. Sternemann. Francof. ad Viad. 4to, pp. 28.
1804. SCHNIZLEIN, C. F. W. *De Sedo acri. Erlangæ, 8vo, pp. 44.

SENEGE RADIX.

Senega, Seneka, or Snake Root.

1738. TENNENT, J. *On the Rattle Snake Root. Edin. 8vo.
Bibl. Coll. Phys. Edin.
1742. TENNENT, J. Epistle to Dr. Mead concerning the efficacy of the Seneca Snake Root. Edin. 8vo.
Abstract in Haller, *Bibl. Bot.*, ii, p. 321.

1749. LINNÆUS, C. *Radix Senega. Resp. J. Hiernander.
Holmiæ, 4to, pp. 32, tab. 1. (Id. in *Amœn. Acad.*, ii, p. 112).
Bibl. Linn. Soc.; Banks.
- A compilation consisting of nine sections, each considering senega from a different point of view. Those treating of its medicinal properties and therapeutic uses are drawn mainly from the writings of Tenent (*ante*), on whose authority it is recommended in the bite of the rattle-snake, inflammatory fevers, pleuro-pneumonia, &c. The author places it "inter præstantissima medicamenta diuretica."
1749. DETHARDING, G. C. *De Seneca. Resp. C. Siemerling.
Kostockii, 4to, pp. 30. *Bibl. Linn. Soc.; Banks.*
1750. BURCKHARD, J. J. *De radice Seneca.
Argentorati, 4to, pp. 20. *Bibl. Linn. Soc.; Banks.*
- Short notice (pharmacological) in *Haller, Bibl. Bot.*, ii, p. 399.
1756. KEILHORN, G. S. *De radicibus Senega et Salab.
Francof. ad Viad. 4to, pp. 34. *Bibl. Banks.*
1782. HELLMUTH, L. C. *De radice Senega. Erlangæ, 4to, pp. 43.
(Idem in *Schlegel, Thes. Mat. Med.*, vol. ii, art. 27, p. 423).
Bibl. Coll. Phys. Edin.; Med.-Chir. Soc. (Schlegel).
- A botanical and chemical history of Senega root, followed by an inquiry into its medicinal properties and uses. In addition to collected remarks on its use in pleuritis, pneumonia, hydrothorax, dropsy, asthma, rheumatism, &c., some original cases are recorded as illustrative of its efficacy in these diseases.
1803. MASSIE, T. *Experimental inquiry into properties of Polygala Senega. Philadelphia, 8vo. Second ed. *ibid.* 1806.
Bibl. Med.-Chir. Soc.
1820. THOSS, C. G. *De radice Senega.
Lipsiæ, 4to, pp. 40. *Bibl. Coll. Surg. Lond.*
1831. ANGELSTEIN, C. *De Senegæ radice remedio ophthalmiatrico præstantissimo.
Berolini, 4to, pp. 24. *Bibl. Coll. Surg. Lond.*

SENNE FOLIA.

Senna.

1534. CAMPEGIUS, S. *Vide* "Terebinthina," 1534.
1573. MIZAULD *latine* MIZALDUS, A. Opusculum de Sena, planta inter omnes quotquot sunt hominibus beneficentissima et saluberrima. Lutetiæ, 8vo. *Ibid.* 1574, et 1607.
Bibl. Coll. Surg. Lond.
- Exiguus libellus et compilatitius. Coluteam a Senna separat.—*Haller, Bibl. Bot.*, i, p. 327.
1733. SENNER, J. C. *Diss. de Senna. Præs. J. J. Baier.
Altdorfii, 4to, pp. 24. *Bibl. Linn. Soc.; Banks.*
1774. SOLIVA, S. Diss. sobre el Sen de España.
Madrid, 8vo, pp. 44, tab. 1. *Bibl. Linn. Soc.; Banks.*
1808. NECTOUX, H. Voyage dans la haute Egypte, avec des observations sur les diverses espèces de Séné. Paris, folio, tab. col. 4.
Bibl. Coll. Surg. Lond.

1816. COLLADON, L. T. F. Histoire naturelle et médicale des Casses, et particulièrement de la Casse et des Sénéés employés en médecine. Montpellier, 4to, pp. 140, tab. 20.
Bibl. Med.-Chir. Soc.; Linn. Soc.
- The portion of this excellent work devoted to the consideration of Senna extends from p. 34 to p. 61. It bears evidence of much careful research, and the observations on the medical uses of this drug, and its comparative action in relation to other purgatives, contain much that is interesting.
1828. FÉE, A. L. A. Note sur les Sénéés, et notamment sur le Sénéé Moka. Paris, 8vo, pp. 8, tab. 1.
1830. LOISELEUR-DESLONGCHAMPS. On indigenous substitutes for Senna. *Vide* "Ipecacuanha," 1830.
1856. TUNDBERMANN, K. Meletemata de Sennæ foliis. Dorpati, 8vo, pp. 30.
1857. MARTIUS, C. Versuch einer Monographie der Sennesblätter. Leipzig, 8vo, pp. 159.
- According to the elaborate researches of Carl Martius, a knowledge of senna cannot be traced earlier back than the time of the younger Serapion, who flourished in the 9th or 10th century, and it is in fact to the Arabian physicians that the introduction of the drug to Western Europe is due.—*Flückiger and Hanbury, Pharmacographia*, p. 191.
1858. BAUMBACH, N. Quædam de efficaci foliorum Sennæ substantia disquisitiones. Dorpati, 8vo, pp. 24.
1866. BATKA, J. B. Monographie der Cassien-Gruppe Senna. Prag, 4to, pp. 52, tab. 5.
1871. BOUCHUT et BOURGEOIS, MM. Recherches chimiques et physiologiques sur la nature des principes purgatifs du Sénéé de la Palte. Paris, 8vo, pp. 11.

SERPENS.

The Serpent regarded medicinally.

1861. NEIDHARD, C. Sobre la eficacia del *Crotalus horridus* en Fiebre Amarilla. Traducida del Ingles al Castellano, por D. Antonio Bergnes de las Casas. Barcelona, 4to, pp. 100.
1862. HASTINGS, J. An inquiry into the medicinal value of the Excreta of Reptiles in Phthisis and some other diseases. London, 8vo, pp. 103.

The following passage (p. 6) will serve to show the character of the work and its author. "Although not wholly unprepared for some useful results, I must confess to a feeling of profound astonishment that these secrets of nature should have remained so long hidden from man, although they were at all times before his eyes, and always within his reach. My earliest trials were made with the excreta of the boa-constrictor, which I employed in the first instance dissolved simply in water. A gallon of water will not dissolve two grains, and yet, strange as the statement may appear, half a teaspoonful of this solution rubbed over the chest of a consumptive patient will give instantaneous relief to his breathing."!!! Should the reader require more therapeutic information of the same character, it may be obtained by consulting the pages of Dr. Hastings' book.

1872. FAYBER, Sir JOSEPH. *Thanatophidia of India.*

London, folio, pp. 156, tab. col. 31.

A splendidly illustrated work, valuable alike to the naturalist and the medical man in India, and reflecting the highest credit on the zeal, industry, and ability of the author. The portion of the work devoted to the effects and treatment of snake poison, the results of original experiment and observation, is peculiarly worthy of attention.

SERPENTARIE RADIX.

Serpentary Root, Virginian Snake Root.

1710. WEDEL, G. W. **De Serpentaria Virginiana.* Resp. C. L. Goeckelius. Jenæ, 4to, pp. 39.

Bibl. Banks.; Linn. Soc.; Coll. Phys. Edin. (sub nom. Goeckelius.)

Historia ex variis scriptoribus collecta, et vires medicæ.—Haller, Bibl. Bot., i, p. 559.

SIAMBRA CEDRON.

Cedron.

1854. PURPLE, S. S. *Observations on some of the remedial properties of Siambra Cedron, and on its employment in Intermittent Fevers.* (Ex. in *New York Journ. of Med.*, September, 1854). New York, 8vo.

For a concise account of Dr. Purple's observations on Cedron and his conclusions, which are strongly in favour of its antiperiodic virtue, together with a summary of the observations of Lewy, Rayer, Bertin, Lélut, and others, on its properties and uses, see *Dunglison's New Remedies*, 7th ed., p. 742.

SIBURA.

Native Oil of Laurel.

1830. HANCOCK, J. *Remarks on the Sibura, or Native Oil of Laurel, its production, uses, &c.* London, 8vo.

Bibl. Med.-Chir. Soc.

Dr. Hancock's first paper "On the native Oil of Laurel," a product of Spanish Guiana, was read at a meeting of the Medico-botanical Society of London, July 14th, 1826, and was printed in its 'Transactions' (p. 18). The author states that he had found it a valuable remedy in cases of nervous and rheumatic headaches, sprains, and bruises.

SIMARUBÆ CORTEX.

Simaruba, Mountain Damson.

1730. JUSSIEU, A. DE. **Ergo inveteratis Alvi fluxibus Simaruba?*

Paris, 4to.

There seems to be considerable confusion respecting the date of the publication. I have followed Haller, and Mérat and De Lens, in giving 1730, but Pritzel gives 1772, and others 1758. See also Fumée, 1758, *infra*.

1738. DEGNER, J. H. *Historia medica de Dysenteria biliosa-contagiosa in qua simul Corticis Simarubæ et radicis Salab effectus exploratur.* Traject. ad Rhen. 8vo. *Bibl. Med.-Chir. Soc.*

1746. CRELL, J. F. **De Cortice Simaruba.* Resp. auct. J. S. Leinker. Helmstadii, 4to, pp. 36. *Bibl. Linn. Soc.; Banks.*

- Nullus in aqua odor, neque oleum æthereum, et saporem esse mere amaricantem, &c. Vis medicata contra Soterium defenditur.—*Haller, Bibl. Bot.*, ii, p. 364.
1749. YSASI Y JASMUNDI, J. DE. De natura et proprietatibus Corticis Simarubæ. Madriti.
1758. FUMÉE, GUILL. *Ergo inveteratis Alvi fluxibus Simaruba? Paris, 4to.
- Eadem dissertatio quam anno 1730 A. de Jussieu proposuerat. Nimis magna dosis vomitum movet, non ita semidrachma pulveris, qui tamen unica die et alvi fluxum sedat et dolores. Optimus cortex ad diuturnas diarrhœas.—*Haller, Bibl. Bot.*, ii, p. 476.
1778. WRIGHT, W. A botanical and medical account of Quassia Simaruba, a tree which produces the Cortex Simaruba. (Ex *Trans. Royal Soc. of Edinburgh*, vol. ii, p. 73.) Edin. 4to, pp. 9, tab. 2. *Bibl. Linn. Soc.*
1801. VELLOSO, J. M. Collecção de Memorias sobre a Quassia armarga e Simaruba, com estampas; traduzidas por ordem de S. A. R. o Principe Regente. Lisboa, 8vo.

SINAPIS.

Mustard.

1593. SAXONIA, H. De Phœnigmis libri tres... de Sinapismis, &c., in febribus pestilentibus, &c. Patavii, 4to. *Vide* "Rubefaciens," 1593.
1636. MARTINIUS, V. Opuscula de Vesicantium, Sinapismorum, &c., administratione in asthmate, orthopnœa, pleuritide, &c. Venetiis, 4to. *Bibl. Med.-Chir. Soc.*
1743. BOURDIER DE LA MOULIÈRE, C. An salubre condimentum Sinapi? Paris, 4to. *Bibl. Acad. Edin.*
1780. STORR, G. C. C. *De semine Sinapis. Præs. J. G. Zahn. Tubingæ, 4to, p. 28. *Bibl. Banks.; Med.-Chir. Soc.* (Baldinger, *Sylog.*, vi, p. 284).
1812. AUDOUARD, M. F. M. Nouvelle thérapeutique des Fièvres Intermittentes en trois mémoires. 2. De l'utilité des Sinapismes contre des Fièvres Intermittentes anciennes, particulièrement contre les fièvres quartes qui ont résisté au Quinquina. Paris, 12mo.
1826. COOKE, C. T. On the efficacy of White Mustard Seed in affections of the liver, internal organs, and nervous system. Second ed. Gloucester, 8vo, pp. 120. French transl. Paris, 8vo, 1830, 1860, &c. German transl. München, 8vo, 1828. Danish transl. by E. L. Thaarup, Copenhagen, 8vo, 1830. Italian transl. Parigi, 8vo, 1829. Swedish transl. Stockholm, 8vo, 1830. *Bibl. Manchester Med. Soc.*
1826. COOKE, C. T. On the efficacy of White Mustard Seed, with a particular view to its recommendation as a means of augmenting the beneficial effects of the Cheltenham waters. Cheltenham, 8vo, pp. 87.
- About this period (1826) there was a fashionable mania for mustard seed

as a panacea in dyspepsia, liver complaints, nervous affections, &c. See an interesting article on it in the *Medico-Chirurgical Review*, April, 1827, p. 512, commenting on a pamphlet published on the subject "by a member of the College of Surgeons" (London, 1826, 8vo, pp. 31). Even then, however, the mania was beginning to subside in Great Britain, though it appears to have survived to a comparatively recent date in France.

1829. Annales sur l'efficacité de la Graine Moutarde blanche. Paris, 8vo.
 1830. DIDIER, —. Sur l'emploi de la Moutarde blanche. Paris, 8vo ?
 1831. ROBIQUET, P. et BOUTRON-CHARLARD, —. Nouvelles expériences sur la semence de Moutarde. Paris, 8vo, pp. 20.
 1865. GOUDAS, A. N. The use of Sinapisms in Cholera. See "Quinine," 1865.

SMILAX ASPERA, Linn.

Rough Bindweed, European Sarsaparilla.

1645. GALEANUS, J. Smilacis asperæ et Sarsaparillæ causa. Panorm. 4to. Ibid. 1654.
 1652. CASTELLUS, P. De Smilace aspera... An Smilax aspera Europæa sit eadem ac Sarsaparilla Americana, et an altera alterius vice in Lue Venerea curanda usurpari possit? Messanæ, 4to.
 Citat varios et ipsum Gonsalvum Fernandez, ut ostendat Smilacem asperam esse veram Sarsaparillam, potissimum etiam ex Lucæ Ghini auctoritate; meliorem autem esse quæ in Hondurana provincia proveniat. Vorstio neganti respondet aliquam, sed perexiguam esse diversitatem, et posse utique Smilacem in venerea lue adhiberi.—*Haller, Bibl. Bot.*, i, p. 429.
 1652. ALDINUS, T. [Under this year and name, Mérat and De Lens place another work on Smilax aspera, but it is the same as the preceding, Tobias Aldinus being a pseudonym adopted by Pietro Castelli in many of his writings.]
 1689. [Anon.]. Riflessioni intorno alla radice delle Sarzaparilla paragonate con la Smilace aspera volgare. Bologna, 4to.
 1774. METZ, —. See "Smilax officinalis," 1774.
 1813. JAEGER, —. *Sur les bons effets du Smilax aspera, Linn, dans le traitement des Maladies Vénéériennes. Strasbourg, 4to.
 1858. SERRES, N. Note sur la Salsepareille indigène (Smilax aspera, Linn). Paris, 8vo, pp. 7.

SMILAX CHINA, Linn.

China Root.

1542. VESALIUS, A. De radice Chynæ Epistola. In qua inserta sunt de Sparta-Parilla sub finem nonnulla, &c. Venetiis, 8vo. Basilæ, 8vo, 1543. Basilæ, folio, 1546. (Redit, in '*Luisini Aphrodisiacus*,' vol. i). *Bibl. Med.-Chir. Soc.*
 Radicem Chinæ modice laudat, et ei in curandis ægris Guajaci lignum longe superius fuisse testatur. Radicis, qualis tunc innotuerat, historiam tradit, et fatui fere saporis esse recte monet. De Sparta (salsa) parilla, nove tunc medicamento, aliqua adspersit.—*Haller, Bibl. Bot.*, i, p. 297.

1548. **CARDAN, H.** De Cyna radice. Lugd. Bat. 4to. Ed. Alt. Basileæ, 1559, folio. Antwerpæ, 1564, 8vo, cumque contradicentibus. Paris, 1565, 8vo. Marpurgi, 1507, 8vo. (Redit. in '*Luisini Aphrodisiacus*,' vol. i, p. 755).
Bibl. Med.-Chir. Soc. (Luisinus); *Coll. Phys. Edin.*
Radicem describit, et utendi modum, sic Sarsam parillam. Valde laudat Chinam, et Piperi etiam et Zingiberi præfert. Sarsam parillam in lue venerea Chinæ præfert.—*Haller, Bibl. Bot.*, i, p. 308.
1548. **RYFF, W. H.** Kurtzer Auszug und summarischer Bericht von der Wurtzel China. Würzburg, 4to.
1552. **AMATUS LUSITANUS.** Centuria altera (secunda) quæ methodum et canonem propinandi decoctum radicis Chinarum locupletius describit. Venet. 12mo. Ed. alt.? Paris, 1554, 12mo.
1553. **FERRI, A.** De Pudendagra, sive Lue Hispanica libri ii. Access. De radice Chinæ et Sarsaparillæ cortice judicium. Tolosæ, 12mo. Paris, 1564, 8vo. Antwerp. 1568, 8vo, et in Luisini Collectione. *Bibl. Med.-Chir. Soc.* (Luisinus).
1554. **FERRI, A.** De radice Chinæ liber, quo probatur diversam esse ab Apio. Tolosæ, 8vo. Paris, 1565, 8vo.
Apium sua ætate Ligno Sancto substitui, et auri pretio vendi, cum in Gallia sponte nascatur. Valde diversam esse Apii et Chinæ administrationem docet.—*Haller, Bibl. Pract. Med.*, ii, p. 57.
1563. **MASSA, N.** *Vide* "Smilax officinalis," 1563.
1589. **WITTICH, J.** *Vide* "Smilax officinalis," 1589.
1612. **CLAUDINUS, J. C.** *Vide* "Smilax officinalis," 1612.
1642. **ARRAES, D. M.** Methodo de conhecer e curar o Morbo Gallico ... e se trata do... Raiz de China, &c. Lisboa, 4to. Alt. ed. Lisboa, 1683, folio, et 1715, folio.
1715. **SCHWALBE, C. G.** *De China officinarum. Lugd. Bat. 4to, pp. 21. *Bibl. Banks.*
1753. **JUCH, H. P.** *De radice Chinæ ejusque limitandis laudibus. Resp. J. F. Ermel. Erfordiæ, 4to, pp. 30. *Bibl. Banks.*
1782. **DUPAU, J.** *Vide* "Smilax officinalis," 1782.
1825. **FRANZOJA, J.** *De analysi Smilacis Chinæ, &c. Patavii, 8vo, pp. 26.

SMILAX OFFICINALIS. Humb. et Bompl.

Officinal or Jamaica Sarsaparilla.

1548. **CARDAN, H.** *Vide* "Smilax China," 1548. Lugd. Bat.
1563. **MASSA, N.** De Morbo Gallico. Tertie editioni addita sunt ab auctore de vi et potestate Ligni Indici. De cognitione Sarsæ parigliæ, de radicibus Chinæ, &c. Venetiis, 4to. (Redit. in '*Luisinus Aphrodisiacus*,' vol. i.)
1589. **WITTICH, J.** Vom ligno Guajaco, China Sarsaparilla, &c. Leipzig, 4to. Ibid. 1592, 1603, 4to.
Compilatio.—*Haller.*

1593. MINETTUS, H. Quæstio non minus pulchra quam utilis de Sarza-parillæ et Ligni Sancti viribus, &c. Senis, 4to.
1594. RECTORIUS (*vel* RETTORI), L. Diss. apologetica de indole et qualitate Guaiaci et Sarsaparillæ. Bonon. 4to.
This is an answer to the work of H. Minettus (1593), which itself was a response to a treatise by Rectorius, entitled "Epistola qua ostendit Salsam parillam magnum minus quam lignum Guaiacum validam esse."
1612. CLAUDINUS, J. C. De ingressu ad infirmos...De natura et usu radicum Salsæparillæ, Chinæ, Saponariæ, &c. Bononiæ, 4to.
1642. ARRAES, D. M. Methodo de conhecer e curar o morbo Gallico...e se trata do...Salsa-parrilha, &c. Lisboa, 4to. Alt. ed. Lisboa, 1683, folio, et 1715, folio.
1757. BROMFIELD, W. *Vide* "Solanum," 1757.
1774. METZ, —. Diss. de radicibus quibusdam medicinalibus, Sarsaparillæ succedaneis. Erlangæ, 4to.
1782. DUPAU, J. Observations sur l'usage des végétaux exotiques, et particulièrement de la...Squine (Smilax China), de la Salsepareille, &c., dans les Maladies Vénéériennes. Paris, 8vo.
1795. DAVIDSON, W. *Vide* "Rosa," 1795.
1803. BOEHMER, G. R. *De viribus Sarsaparillæ antisyphiliticis. Resp. H. Maughan. Wittenbergæ, 4to, pp. 34.
1806. MONTEGGIA, J. B. Diss. sull' uso della Salsapariglia. Milano, 8vo.
1823. CANIELLI, F. *Smilax Sarsaparilla ad Luem Veneream, &c., debellandam parvi faciendâ. Patavii, 8vo.
1824. POPE, J. On the comparative virtues of the different kinds of Sarsaparilla, &c. London, 8vo, pp. 24.
1824. PAILLOTTA, G. Del principio medicamentoso della Salsapariglia, ossia Pariglina, nuova alcali vegetabili scoperto. Napoli, 8vo.
1824. FOLCHI, G. Alcune ricerche chimiche su la radice di Salsapariglia. Rome.
1825. ROBINET, S. Observations sur la Salsepareille, en réponse à un article de J. J. Virey. Paris, 8vo, pp. 4.
1826. TOENSEN, A. C. E. *De analysi et usu antisyphilitico Smilacis Sarsaparillæ. Kiliæ, 4to, pp. 18.
1834. БАТКА, J. B. Ueber Sarsaparille. Leipzig, 8vo.
Bibl. Linn. Soc.
1834. POGGIALE, —. Recherches sur le principe actif de la Salsepareille. Paris, 8vo, pp. 16.
1835. HUNZIKER, R. *De Sarsaparillæ radice. Turici, 8vo, pp. 21.
1841. VALENTE, G. *An Sarsaparilla antisyphilitica facultate specifica polleat? Patavii, folio, pp. 22.
1842. SAIBANTI, C. Diss. de Smilace Sarsaparilla. Paviæ, 8vo, pp. 24.

1847. SCHLEIDEN, M. J. Beiträge zur Kenntniss der Sarsaparille.
Hannover, 8vo, pp. 42, tab. col. 2.
1854. ANON. (*Pseudon. Linnæus Smilax*). A popular analysis of
Sarsaparilla and Sarsaparilla so-called. [A puff?]
London, 8vo, pp. 100.
1858. MOUCHON, E. Considérations sur les Salsepareilles en général,
et sur la Salsepareille d'Europe en particulier.
Lyon, 8vo, pp. 12.
1870. VANDERCOLME, E. *Histoire botanique et thérapeutique des
Salsepareilles.
Paris, 4to.

SODA et SODE CARBONAS.

Soda and Carbonate of Soda.

1758. BÜCHNER, A. E. De Soda Hispanica ejusque usu medico,
chemico, œconomico. Halæ, 4to.
1760. IMLIN, P. J. De Soda et inde obtinendo peculiari sale.
Argentorati, 4to, pp. 32. (Idem. in *Wittwer Diss. Med. Argent.*, i,
pp. 129.) *Bibl. Coll. Surg. Lond.; Banks.*
1773. DEJEAN, F. Historia, analysis chemica, origo et usus Sodæ
Hispanicæ, &c. Lugd. Bat. 4to, pp. 42. (Idem. in *Schlegel, Thes.*
Mat. Med., vol. 1, art. 3, p. 83).
Bibl. Coll. Phys. Edin.; Med.-Chir. Soc.
Strictly confined to the history, analysis, origin, and economical uses of
Spanish soda, under which title is included the product of incineration of
various species of Salsola, Salicornia, Mesembrianthemum, &c.
1792. MEIER, C. E. *De varia Sodæ indole et nova eidem medendi
methodo. Erfordiæ, 8vo, pp. 29.
1798. VELLOSO, J. M. *Vide "Potassa,"* 1798.
1826. ROBIQUET, P. De l'emploi du Bicarbonate de Soude dans le
traitement médical des Calculs Urinaires. (Ex *Mém. de l'Acad.*
Royale de Méd., 1826.) Paris, 8vo, pp. 8.
1854. CARRIÈRE, E. Du traitement rationnel de la Congestion
[cérébrale] et de l'Apoplexie par les Alcalins, et en particulier par
le Bicarbonate de Soude. Paris, 8vo, pp. 31.
1870. RAYBAUD, F. *Usage interne des composés alcalins de Soude
et de Potasse. Paris, 4to.

SODA CHLORINATA. *Vide Art. Chlorides*, p. 142.

SODE SULPHAS.

Sulphate of Soda. Glauber's Salt.

1764. CARTHEUSER, J. F. Diss. de Sale mirabili Glauberano nativo.
Francof. 4to.
1771. TROMMSDORF, G. B. *Program. de Sale mirabili Glauberi.
Erfordii, 4to.

1804. GADOLIN, J. *Diss. de Sulphate Sodæ. Resp. J. G. Askelöf.
Aboæ, 4to. *Bibl. Linn. Soc.*
1853. WAGNER, H. Diss. de effectu Natri Sulphurici.
Dorpati, 8vo, pp. 79.
1864. SEEGEN, J. Physiologisch-chemische Untersuchungen über
den Einfluss d. Glaubersalzes auf einige Factoren d. Stoffwechsels.
Vienna, 8vo, pp. 40.
1872. SILVESTRINI, G. Quattro casi di Malattie dello Stomaco
caratterizzati da vomiti ricorrenti con presenza di Sarcina util-
mente trattati col Solfato di Soda. Padova, 8vo, pp. 28.
This title is correctly copied from Ruprecht's *Bibliotheca Med.-Chir.*, 1872,
but it appears probable that the *sulphite*, and not the *sulphate* of soda, is
the salt indicated by the author.
1875. MÉRY, F. C. *De la Dysenterie des pays chauds, et de son
traitement, spécialement par le Sulfate de Soude. Paris, 4to.

SODÆ BIBORAS et ACIDUM BORACIUM.

Biborate of Soda, Borax, and Boracic Acid.

1720. MELTZER, C. D. De Borace. Regiomonti, 4to.
1741. POTT, J. H. Observationes circa Zincum, Boracem, &c.
Berolini, 4to. *Bibl. Med.-Chir. Soc.*
1745. ALBERTI, M. De Borace. Resp. H. C. Renewald.
Halæ, 4to.
1747. MODELL, D. De Borace nativa, a Persis *Borech* dicta.
Londini, 4to. Alt. ed. Halæ, 1749, 4to. *Bibl. Med.-Chir. Soc.*
1768. WASSER, L. J. T. *Diss. chemico-medica de Sale Sedativo
Hombergii. Göttingæ, 4to. *Bibl. Acad. Edin.*
1769. KAAS, J. *Diss. sistens observationes quasdam de Borace
imprimis de Sale Narcotico. Ultrajecti, 4to. *Bibl. Roy.*
1778. RHOER, M. J. DE. De Boracis et Salis Sedativi origine atque
usu, experimentis illustrata. Groningæ, 4to. *Bibl. Roy.*
1780. HOFFER, H. F. Memoria sopra il Sale Sedativo naturale della
Toscana e del Borace con quello si compone, &c. Firenze, 8vo.
1781. HAARTMANN, —. *Meletemata quasdam de Ulceribus, et
Boracis in iisdem usu. Aboæ, 4to.
1784. GRUNER, C. G. *Diss. sistens de virtute Boracis medicinali
dubia, &c. Resp. J. F. Meticke. Jenæ, 4to, pp. 36.
1785. FUCHS, G. F. C. *Vide* "Hydrargyri Phosphas," 1795.
1811. MOJON, G. Memoria sulla natura del Borace brutto o Tinkal,
e sull' etere acetico, &c. Genova, 4to.
1845. MITSCHEBLICH, C. G. De Acidi Acetici... Boracici, &c., effectum
in animalibus. Berol. 4to. *Vide* "Acetic Acid," 1845.
1847. BINSWANGER, L. Pharmakolog. Würdigung der Borsäure, des

Borax und der borsauren Verbindungen in ihrer Einwirkung auf den gesunden und kranken thierischen Organismus. Gekrönte Preisschrift. München, 8vo, pp. 85.

A valuable contribution to the medical literature of this article. A summary of the conclusions arrived at by the author is given by Pereira, *Mat. Med.*, ed. 1854, vol. i, p. 572—3.

1860. LEBICHE, —. Du traitement du Croup en général, et particulièrement de l'emploi du Sous-borate de Soude dans cette maladie. Paris, 8vo, pp. 43.

1873. FAVARA ADORNI, —. Applicazioni cliniche del Borace. Milano, 8vo, pp. 6.

SODII CHLORIDUM.

Chloride of Sodium. Common Salt.

1562. SCHEIBERGER, A. De multiplici Salis usu libellus. Cral. 8vo. *Bibl. Roy.*

1579. MINDIS, B. G. Libri quinque commentariorum de Sale. Ed. secund. Valent. 4to. *Bibl. Roy.*

1590. WIGAND, J. De Succino Borussico...et de Sale. Studio J. Rossini. Jenæ, 12mo., pp. 153. *Bibl. Med.-Chir. Soc.*

1624. UNTZER, M. Physiologia Salis, sive de Salis natura ejusque prima origine, differentiis, proprietate atque usu, &c. Halæ, 4to.

1629. CASTIGLIONE, P. M. De Sale ejusque viribus. Mediolani, 8vo.

1634. UNTZER, M. Tractatus medico-chymici septem; de Sale, &c. Halæ, 4to. *Bibl. Coll. Phys. Edin.*

1641. DAVISSON *vel* DAVISON, W. Oblatio Salis, sive Gallia lege Salis condita. Paris, 8vo. *Bibl. Coll. Phys. Edin.*

1663. KOSAK, J. S. Tractatus de Sale. Francof. 4to. *Bibl. Med. Soc. Lond.*

1672. JORDAN, H. Disp. de Sale, Nitro, et Alumine. Helmstadii, 4to. *Bibl. Coll. Phys. Lond.*

1702. BALTHASAR, T. De Sale communi. Altdorfii, 4to. Acidum ad scorbutum cujus fons est putredo, tum ad febres et ipsam pestem, ad hydropem, adversus vermes.—*Haller, Bibl. Med. Pract.*, iv, p. 345.

1714. SNELLEN, P. De Sale commune triumvirato. Amst. 12mo. *Bibl. Med. Soc. Lond.*

1739. POTT, J. H. Observationes chymicæ præcipue circa Sal commune, &c. Berol. 4to. *Bibl. Med.-Chir. Soc.*

1781. BLACKBURNE, W. *De Sale communi. Edin. 8vo. *Bibl. Coll. Phys. Edin.; Acad. Edin.*

1807. NIEUWENHUYNS, C. I. *De usu, imprimis diætetico, Muriatis Sodæ seu Salis Cibarii. Groningæ, 8vo, pp. 51.

1818. CLEVERINGA, R. E. *Observationes de vi septica atque anti-septica Muriatis Sodæ seu Salis Cibarii ejusque diætetico et therapeutico usu. Groningæ, 8vo, pp. 63. *Bibl. Roy.* (1815).

1831. SCHINDLER, L. F. A. *Diss. medica de Natro Muriatico.
Jenæ, 4to, pp. 21.
1831. KAISER, J. On the antiseptic powers of Common Salt.
Vide "Antiseptics," 1851.
1850. HOWARD, R. Salt: its hurtful effects on the body and mind of man and on animals, and its tendency to cause disease, especially Consumption, as taught by the ancient Egyptian philosophers, &c.
London, 8vo, pp. 43.
A singular work, evidently the production of a visionary. See further, next article.
1850. HOWARD, R. Revelations of Egyptian Mysteries...showing the justice of the ancient Egyptian priests and wise men, teaching that Salt was fatally hurtful to human nature, &c.
London, 8vo, pp. 284.
A strange jumble of theology, mythology, geology, physiology, botany, chemistry, philosophy, history, travels, and cosmographics; the apocryphal and canonical books of Sacred Writ. It has no feature more prominent than the wildness and looseness of its deductions, the extravagance of its theories, and the incoherency of its facts and arguments.—*London Med. Gazette*, June 21st, 1850, p. 1085.
1852. LEMAIRE, J. Sur l'emploi du Sel Marin et sur l'action de cet agent sur la rate dans les Fièvres Intermittentes. (Ex *Rev. Médicale*, November 30th, 1851).
Paris, 8vo, pp. 16.
1856. JOZANSI, A. *Du Sel Marin, comme aliment et comme médicament.
Paris, 4to, pp. 40.
1857. LEBOUCHER, —. Notes sur le Sel Commun.
Paris, 8vo, pp. 36.
1857. VINCENT, H. *Du Chlorure de Sodium (Sel Marin), considéré au point de vue médical.
Paris, 4to, pp. 42.
1860. VOIT, C. Untersuchungen über den Einfluss des Kochsalzes, des Kaffees, &c., auf den Stoffwechsel.
München, 8vo, pp. 253, tab. folio i.
The author's observations on the effects of salt given to a dog kept on a uniform meat diet led to the following results:—If the tissues are not already saturated with this substance, a certain quantity of it is retained in the organism; but if they are saturated, a greater quantity than that administered is discharged by the kidneys, which, in the dog, are the only excreting channels. 2. Salt increases the oxydation of the systemic albumen and the excretion of urea. 3. Even if drink be withheld, the urine becomes more abundant.—*Year Book of New Sydenham Society*, 1862, p. 48.
1870. MÂHU, C. De l'emploi de l'Hypochlorite de Soude dans le traitement externe des malades atteints d'Affections Saturnines.
Paris, 8vo, pp. 5.
1870. BERGERET, —. Du Chlorure de Sodium. Étude biologique, posologique et hygiénique.
Lyon, 8vo, pp. 37.
1872. LECOQ, E. *Des propriétés physiologiques du Chlorure de Sodium.
Paris, 4to.
1873. CAIRE, P. C. *Étude sur le Chlorure de Sodium.
Paris, 4to.

OTHER SODIUM SALTS.

1861. DUHALDE, HALMAGRAND ET GAUCHERON, MM. De l'administration du CYANO-FERRURE DE SODIUM et de Salicine dans les Fièvres d'Accès, comme succédané du sulfate de quinine. Paris, 8vo, pp. 128.
1873. PUTEI, A. *Étude sur le SILICATE DE SOUDE et de ses propriétés. Paris, 4to. Ibid. 8vo, pp. 48.
1875. LABORDE, J. V. Action of CHLORATE OF SODA compared with Chlorate of Potash, &c. *Vide* "Potassæ Chloras," 1875.
1875. LABORDE, J. V. BROMIDE OF SODIUM, its comparative action. *Vide* "Potassæ Chloras," 1875.

SOLANUM DULCAMARA, Linn.

Dulcamara, Bitter-sweet, Woody Nightshade.

1742. SPIESSENHOFF, C. E. L. VON. *Solanum caule inermi flexuoso. &c., vulgo Dulcamara dictum, chemice et medicæ discussum. Resp. B. Schobinger. Heidelbergæ, 4to, pp. 28. *Bibl. Banks.*
1757. BROMFELD, W. *Vide* "Solanum, Sp. of," 1757. *Bibl. Med.-Chir. Soc.*
1757. GATAKER, T. *Vide* "Solanum, Sp. of," 1757.
1771. HALLENBERG, G. *Diss. medica de Dulcamara. Præs. C. Linnæus. Upsaliæ, 4to, pp. 44. *Bibl. Banks.; Linn. Soc. (sub nom. Linnæus).*
- The author considers that there are few medicines better fitted than Dulcamara for purifying the system by different evacuations, particularly by diuresis. He himself has used it with success in violent ischiatic and rheumatic pains, and he further recommends it in amenorrhœa, syphilis, &c. For mode of employment, &c., see *Duncan's Med. Commentaries*, vol. lii, p. 15, 1775.
1779. KÜHN, J. T. Diss. de Dulcamara. Breslau, 4to. German transl. Breslau, 8vo, 1785. *Bibl. Roy.*
1780. CARRÈRE, J. B. F. Traité des propriétés de la Douce-amère, ou Solanum scandens dans le traitement de plusieurs maladies et surtout des maladies dartreuses. Paris, 8vo, pp. 64. Alt. ed. Paris, 1781, 1789, 1799 (Ann. vii). General transl. by J. C. Starke. Jena, 1786, 8vo. *Bibl. Coll. Surg. Lond. (ed. 1789); Acad. Edin. (1781).*
1784. OTTO, J. G. *De usu medico Dulcamaræ. Jenæ, 4to, pp. 31. *Bibl. Roy.*
1784. LAGRÉSIE, C. B. DE. Essai sur le traitement des Dartres avec un recueil d'observations qui démontrent l'efficacité de l'Extrait de la Douce-amère dans cette maladie. Paris, 12mo.
1789. BUCHOZ, P. J. Diss. sur la Douce-amère et ses propriétés. Paris, 8vo.

- 1805 (An. xiii). MAZEYRIE, J. J. L. Sur l'emploi de la Douce-amère dans les Maladies Scrofuleuses. Paris, 4to, pp. 12.
1808. WAUTERS, P. E. *Vide* "Digitalis," 1808.
1825. GOEBEL, C. F. W. *De Tussi convulsiva et Dulcamaræ in eam efficacia. Berol. 8vo, pp. 28.
Further observations by Goebel, Funk, and Klaproth, on the use of dulcamara in convulsive coughs, will be found in *Hufeland's Journal*, vol. lxi, 1825, Supplement, 130 *et seq.*
1837. WIESEND, O. *De Dulcamara. Monachii, 8vo, pp. 15.

SOLANUM.

Species of, generally.

1757. BROMFIELD, W. Account of the English Nightshades and their effects, with observations on Corrosive Sublimate and Sarsaparilla. London, 12mo, pp. 94, tab. i. French transl. by his son, Paris, 1761, 12mo. *Bibl. Med.-Chir. Soc.*
1757. GATAKER, T. Observations on the internal use of the Solanum or Nightshade. London, 8vo, pp. 34. Reprinted in the author's *Medical Essays*, 1764. *Bibl. Med.-Chir. Soc.*
- Although cursory notice is given in this work to dulcamara (*Solanum Dulcamara*, *Linn.*) and deadly nightshade (*Atropa Belladonna*, *Linn.*), the remarks in the main apply to the common or garden nightshade (*Solanum nigrum*, *Linn.*) The author does not claim for it any specific virtues, but considers that it acts chiefly by promoting the secretions, especially those of the skin and kidneys. He details some cases of dropsy, &c., benefited by its use, but it is not always easy to distinguish to which species of solanum his remarks apply.
1813. DUNAL, M. F. Histoire naturelle, médicale et économique des Solanum. Paris et Montpellier, 4to, pp. 248, tab. 26.
A very comprehensive monograph, containing a large amount of information, collected and original, on the properties and uses of various species of solanum, especially *S. tuberosum* (the potato), and *S. Dulcamara*. It concludes with a full botanical description of 235 plants belonging to this family.
1819. DONDORFF, C. F. S. *Utrum in Solano tuberoso, vel in spiritu ex ejus tuberibus parato, Acidum Hydrocyanicum insit necne. Vratislaviæ, 4to, pp. 28.
1826. BLACKETT, P. C. On *Atropa Belladonna* and *Solanum hortense*, &c. *Vide* "Atropa Belladonna," 1826.
1827. POUCHET, F. A. *Essai sur l'histoire naturelle et médicale de la famille des Solanées. Paris, 4to, pp. 78. Ed. seconde, Rouen, 1829, 8vo, pp. 187. *Bibl. Linn. Soc.*
1831. COTTEBEAU, L. Propriétés et usages thérapeutiques de la pomme de Terre. (Ex. in *Journ. de Chim.-Méd.*, vii, 1831, p. 372).
1834. KOMMA, O. *Toxicologia Solanearum indigenarum. Pragæ, 8vo, pp. 64.
1834. LUISIA, —. *Considérations médicales sur quelques Solanées (*Belladonna*, *Datura*, *Tabacum*). Paris, 4to.

1835. KRAUSS, C. De Spirituosis e tuberibus Solani confectis. Diss. medico-politica. Berol. 8vo, pp. 31.
1840. MILLER, J. R. *On the physiological and therapeutic operation of the Solanææ. Edin. (London), 8vo.
1846. LUCAS, E. *Diss. medico-toxicologica de Solano tuberoso ejusque principio narcotico. Hirachberg, 8vo, pp. 32.
1861. DELPECH, P. E. *Étude des extraits de racines des Solanées vireuses et de leur emploi en thérapeutique. Paris, 4to, pp. 30.
1864. CAUVET, D. *Des Solanées. Thèse à l'École de Pharmacie. Strasbourg, 4to, pp. 152, tab. 6.
1866. LEMATTEU, G. Recherches expérimentales et cliniques sur les alcaloïdes de la famille des Solanées. Paris, 8vo, pp. 80. (Ex *Archives Gén. de Méd.*, July, 1865).
1874. BALMANYA, A. *Versuche über die Wirkung des Solanins und Solanidins. Göttingen, 8vo, pp. 37.

SOLIDAGO VIRGA AUREA, Linn.

Golden Rod.

1731. LISCHWITZ, J. C. *Diss. medica de ordinandis rectius Virgis aureis, &c. Resp. J. G. Tettelbach. Lipsiæ, 4to, pp. 80.

SPARTIUM (CYTISUS) SCOPARIUM, Linn.

Common Broom.

1783. Anon. A sovereign remedy for the Dropsy. London, 4to, pp. 11. *Bibl. Med.-Chir. Soc.*
In this short paper is set forth the virtues of broom seed as a remedy in dropsy. It is the first separate notice on the subject.
1835. PEARSON, R. Observations on the action of Broom Seed in Dropsical Affections. London, 8vo, pp. 15.
The object of this tract is to urge the claims of the seeds in preference to the leaves and roots of the broom, as the latter are apt to become mouldy or worm-eaten; whereas the seeds, if gathered when perfectly ripe and in dry weather, may be kept in stoppered bottles for an indefinite length of time without having their medicinal properties impaired.—Vide *Brit. and For. Med. Rev.*, April, 1836, p. 533.
1853. DESMARTINS, L. P. Emploi des différentes espèces du Gente en médecine; du Genista tinctoria contre la Rage; de la Scoparine et de la Sparteine. Bordeaux, 8vo, pp. 20.

SPIGELIA ANTHELMIA, Linn.

1758. LINNÆUS, C. *Diss. de Spigelia anthelmia. Resp. J. G. Colliander. Upsaliæ, 4to, pp. 16, tab. i. *Bibl. Banks; Linn. Soc.*

Varia adversus vermes intestinales medicamenta. Deinde Spigelia ista, que Arapabaca Pisonis, habetur pro *Indian Pink* Americæ Septentrionalis, et adversus idem malum laudatur. Icon addita.—*Haller, Bibl. Bot.*, ii, p. 254.

SPIGELIA MARILANDICA, Linn.

Indian Pink, Worm Grass.

1802. THOMPSON, H. Experimental dissertation on the Spigelia Marilandica or Indian Pink. Philadelphia, 8vo.

SPIRÆA TRIFOLIATA. See GILLENIA TRIFOLIATA.

SPIRÆA ULMARIA, Linn.

Meadow Sweet.

1717. CAMERARIUS, R. J. *De Ulmaria. Tubingæ, 4to.

SPONGIA.

Sponge.

1734. KRIEDEL, A. *De Spongiarum apud veteres usu. Lipsiæ, 4to.

1762. WHITE, C. An account of the topical application of Sponge in the stoppage of Hæmorrhages. London, 8vo.
Bibl. Coll. Phys. Edin. ; Manchester Med. Soc.

Quinquages Spongia marina hæmorrhagiam comescuit, bis coactus fuit arteriam læsam ligare. Erant inter exempla amputationes gravissimæ, etiam femoris.—*Haller, Bibl. Bot.*, ii, p. 523.

1797. ZELLER v. ZELLENBERG, S. Prakt. Bemerkgn. über den vorzügl. Nutzen des allgemein. bekannten Badeschwamms und des kalten Wassers bei chirurg. Operationen, Verwundungen und Verblutungen überhaupt. Wien, 8vo.

1820. UHLE, A. F. Commentatio de Spongia marina. Lipsiæ, 4to, pp. 27. *Bibl. Med.-Chir. Soc.*

1872. LÉCONTE, H. *Traitement des Hémorrhagies artérielles de la paume de la main. Emploi de l'Éponge préparée. Paris, 4to.

SPONGIO-PILINE.

1846. MARKWICK, A. Remarks on the uses and mode of applying a new material to be introduced by the Patent Epithem Company as a substitute for poultices, fomentation cloths, &c. London, 12mo, pp. 2.

1847. MARKWICK, A. On the Skin and Spongio-piline. London, 8vo. *Bibl. Manchester Med. Soc.*

STANNUM.

Tin and its Preparations.

1753. BÜCHNER, A. E. *De circumspecto usu vasorum Stanneorum ad potuum ciborumque, speciatim ex ovis conficiendorum, præparationem necessario, &c. Resp. J. A. C. Hœffler.

1770. SCHINZ, S. Diss. de Stanni et ejus miscelli cum Plumbo in re œconomica usu. Halæ, 4to.
Zurich, 4to.

1772. ALBRECHT, S. J. A. **Medicamentorum Saturninorum et Jovialium historia.* Gottingæ, 4to. *Bibl. Med.-Chir. Soc.*
- 1775-1777. HAGEN, C. G. **De Stanno.* Regiomonti, 4to.
1781. BAYEN, P. *Recherches chimiques sur l'Étain faites par ordre du gouvernement.* Paris, 8vo.
1789. ROUSSIN, F. C. **De egregio atque innocuo Stanni in emungendis vermibus primarum viarum, imprimis Tæniæ speciebus, certis sub cautelis usu.* Præs. F. May. Heidelbergæ, 4to, pp. 46.
1803. FORD, J. *Three Letters on Medical Subjects. No. iii. An account of the sedative properties of the granulated preparations of Tin in some Affections of the Mind.* London, 8vo.
1811. BERTOLOTTI, A. N. **De Stanno.* Aug. Taurin. 4to.
1842. ORFILA, M. J. B. *Mémoire sur l'absorption des sels de Plomb ... d'Étain, &c.* Paris, 8vo, pp. 20.
1864. TOSI, ANT. *Del Tannato di Stagno; nuove formule farmaceutiche.* Ferrara, 4to.

STRONTIUM.

1825. GMELIN, C. G. *Versuche über die Wirkung des Baryts, Strontians, &c., auf den thierischen Organismus.* Tübingen, 8vo. *Bibl. Coll. Surg. Lond.*
- See review in *Edinb. Med. Surg. Journ.*, xxvi, 1826, p. 132. See "Metals," 1825.

STATICE CAROLINIANA.

Marsh Rosemary.

1806. MOTT, V. **On Statice Caroliniana or Marsh Rosemary.* New York.
- An interesting and valuable investigation into the properties of this plant.—*Bigelow, Amer. Med. Bot.*, ii, p. 56.

STRYCHNIA. STRYCHNINUM.

Strychnine.

1818. PELLETIER, J. *Mémoire sur un nouvel alkali, la Strychnine.* Paris, 8vo.
1820. CRAMER, T. **Strychnii vis ac efficacia in corpus animale.* Bonnæ, 4to. *Bibl. Coll. Surg. Lond.*
- A full analysis of this essay, which is apparently both full and interesting, is given in *Quart. Journ. For. and Brit. Med.*, v, 1823, p. 331, seq.
1829. LIBONIUS, J. A. *Vide "Strychnos Nux Vomica,"* 1829.
1830. BARDSLEY, J. L. *Hospital Facts and Observations, illustrative of the efficacy of the new remedies—Strychnia, Brucia, Acetate of Morphia, Veratria, Iodine, &c., in several morbid conditions of the system; with a comparative view of the treatment of Chorea and some cases of Diabetes. A Report on the efficacy of Sulphureous Fumigations in Diseases of the Skin, Chronic Rheumatism, &c.* London, 8vo, pp. 223. *Bibl. Med.-Chir. Soc.*

The principal part of the volume is occupied by observations and cases illustrative of the medicinal properties of strychnia in paralysis, chronic diarrhoea, and amenorrhoea, of brucia in paralysis, and of acetate of morphia in some painful affections of the stomach, uterine disease, and neuralgia. The remainder contains experiments and observations on veratria and colchicum, and on the virtue of iodine in bronchocæle. Every section of this work contains a great deal of information of a most purely practical nature.—*Edin. Med. Surg. Journal*, xxxiii, 1830, p. 417.

1831. BALFOUR, J. H. *Diss. medica de Strychnia.
Edin. 8vo, pp. 95. *Bibl. Coll. Phys. Edin.*
- 1832 (P). MARR, J. An Essay on the action and curative properties of Strychnia, to which the annual medal of the Harveian Medical Society was awarded in 1832. Edin. 8vo: pp. 40.
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1793. STEIN, G. A. *De faba St. Ignatii. Erlangæ, 8vo, pp. 32.
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Nux Vomica.

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STYRAX.

Storax.

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Amber.

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1587. BAUMGARTEN, J. Der köstliche Agtstein oder Börnstein. Magdeburg, 12mo.
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1604. ZOELNER, B. De Succino. Lipsiæ, 4to.
1612. SCHULZE, G. P. De Succino Marchico, aliisque naturæ donis. Thoruni, 4to.
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1677. HARTMANN, P. J. Succini Prussici physica et civilis historia. Francofurti, 12mo. *Bibl. Med.-Chir. Soc.; Coll. Phys. Lond.*
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1710. HARTMANN, M. P. De Succino et ejus usu in medicina. Lugd. Bat. 4to, pp. 28. *Bibl. Banks.*
1714. SANDEN, H. VON. *De Succino electricorum principe. Regiomonti, 4to.
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1734. SCHULZE, J. H. De Succino. Halæ, 4to, pp. 40.
1737. ANCHER, P. De Succino (Danice.) Havniæ, 4to, pp. 16.
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1760. STOKAR DE NEUFORN, J. G. De Succino in genere et ſpeciatim in Succino foſſili Wilholzenſi. Lugd. Bat. 4to, pp. 65.
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N.B.—For other works on amber, chiefly relating to its production, natural hiſtory, &c., ſee *Pritzel's Thesaurus Literatura Botanica*, p. 422, from which the greater portion of this article is extracted.

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1653. PANTHOT, J. Quæſtiones quatuor cardinales, 4. Ergo Aſthmaticis tabellæ de Sulfure. Montpellier, 4to.
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1815. SCHEERS, P. S. *De Sulphuris indole et usu in morbis catarhalibus passivis.*
Lugd. Bat. 4to.
1816. GALÉS, J. C. *Mémoires et rapports sur les Fumigations Sulfureuses appliquées au traitement des Affections Cutanées, et de plusieurs autres maladies.* Paris, 8vo, pp. 137, éd. 2me, Paris, 1824. English transl. by Rees Price. London, 1817, 8vo. *Bibl. Radcliffe.*
1817. BERTHOLLET, C. L. *Mémoire sur les Fumigations Sulfureuses.*
Paris, 8vo.
1817. CARRO, J. DE. *Établissement de Fumigations Sulfureuses.*
Vienne, 8vo. *Bibl. Med.-Chir. Soc.*

1818. LATOUR, D. Notice historique sur quelques maladies dont la guérison a été opérée par l'emploi des Fumigations Sulfureuses d'après la méthode de M. le Dr. Galés. Toulouse, 8vo, pp. 48.
1819. CARRO, J. DE. Observations pratiques sur les Fumigations Sulfureuses. Vienne, 8vo, pp. 250. German transl. by J. Wachter. Wien, 8vo, 1819, pp. 218.
1819. HART, T. On the dry Sulphuric Baths. London, 8vo. *Bibl. Radcliffe.*
1819. WILLEMIN, J. A. *Sur les Fumigations Sulfureuses considérées comme moyen thérapeutique. Strasbourg, 8vo, pp. 40.
1819. SANTI, R. Cenni sulle Fumigazii Sulfuree. Messina, 8vo.
1820. WALLACE, W. Observations on Sulphureous Fumigations as a powerful remedy in Rheumatism and Diseases of the Skin. Dublin, 8vo, pp. 92.
- In this work the author has attempted to give a succinct history of the invention and progress of sulphureous fumigation and of the investigations to which it has been submitted, principally on the Continent, concluding with some general observations and reflections derived from his own experience in hospital and private practice. Appended is the plan of a fumigating apparatus with directions for using it.—*Med.-Chir. Rev.*, December, 1821, p. 507.
1820. FINSLER, J. *De vaporibus Aquæ et de Fumigationibus Sulphurosis. Berol. 8vo, pp. 36.
1821. CLARKE, Sir A. On Diseases of the Skin, with observations on Sulphureous Fumigations in the cure of Cutaneous Diseases. London, 12mo. *Bibl. Med.-Chir. Soc.*
1822. TREZZOLANI, P. *Vide* "Fumigation, 1822."
1826. GREEN, J. On the advantages derived from the use of Sulphureous Fumigating and other Baths in a variety of obstinate diseases. London, 8vo, pp. 40½
- Partakes of the character of an advertisement, the author being the proprietor of some vapour baths.
1830. BARDSLEY, J. L. Hospital Facts and Observations... With a Report on the efficacy of Sulphureous Fumigations in Diseases of the Skin, Chronic Rheumatism, &c. London, 8vo. *Vide* "Strychnia," 1830. *Bibl. Med.-Chir. Soc.*
1831. GUILBERT, A. M. D. *Du Soufre et de ses usages dans l'art de guérir. Paris, 4to.
1835. KOELKES, F. J. De Sulfure, quatenus in usum pharmaceuticum venit dissertatio. Aquisgrani, 8vo. *Bibl. Coll. Phys. Edin.*
1849. GROVE, J. On Sulphur as a remedy in Epidemic Cholera. London, 8vo, pp. 50. Second ed. 1854. *Bibl. Med.-Chir. Soc.*

The author looks upon cholera as the result of a specific poison, and he believes that sulphur is the specific remedy by which the poison may with certainty be eliminated from the blood. *To this end he prescribed, with great alleged success, a mixture of sulphur and carbonate of soda, but as

ether and opium were employed at the same time, the question naturally presents itself how far they contributed to the favorable results.—*London Med. Gazette*, October 26th, 1849, p. 723.

1853. KRAUSE, A. *Diss. de Sulfuris transitu in urinam.*
Dorpati, 8vo, pp. 40.
1854. VELTMANN, —. *Der Schwefel, ein Vernichtungsmittel des Cholera- giftes.*
Osnabrück, 8vo.
1866. PUISAYE, C. DE. *De l'Inhalation Sulfureuse et de la pulvérisation dans le traitement des Maladies des Voies Respiratoires, &c. (Bronchite, Pharyngite, Laryngite chronique).* 3me éd., Paris, 1872. Paris, 8vo, pp. 72.
1866. HIRSCH, M. *Über die spezifische Ursache der Cholera und ihre erfolgreiche Behandlung mit Schwefelammonium.*
Mainz, 8vo, pp. 16.
1866. DEWAR, J. *On the application of Sulphurous Acid Gas to the prevention, limitation, and cure of Contagious Diseases.*
Edinburgh, 8vo, pp. 45. *Bibl. Med.-Chir. Soc.*
- This pamphlet attracted at the time of its issue a great sensation, and rapidly went through several editions. "The statements of fact are of great and increasing interest."—*Lancet*, January 18th, 1868, p. 92.
- The author has the highest opinion and hopes of the power of sulphurous acid gas to destroy the "fungi," to which it is the fashion of the day to attribute almost everything from cattle plague and consumption to chilblains and chapped hands! Passing over the author's remarks on the power of this gas in preventing the extension of the cattle plague, he states that it may be inhaled with great advantage by phthisical patients, and that it tends to cure or prevent diphtheria, ringworm, &c. There is a vagueness in Dr. Dewar's mode of writing which takes from its force.—*Lancet*, July 14th, 1866, p. 40.
1867. AGNOLESI, P. *Sul valore reale da concedersi al gaz Acido Sulforoso come desinfettante.*
Firenze, 16mo, pp. 14.
1867. BLANC, L. **De l'action du Soufre et des sulfureux dans le traitement de la Syphilis.*
Paris, 4to, pp. 47.
1867. PAIRMAN, R. *The Great Sulphur Cure brought to the test, &c.*
Edin. 8vo, pp. 45.
- A remarkable pamphlet were it only from the fact that in less than eight weeks it ran through eight editions—a fact almost unparalleled in the annals of medical literature! Its professed "mission" is to support and develop the statements of Dr. Dewar, of whom the author is an enthusiastic follower.—*Med. Times and Gaz.*, January 18th, 1868, p. 78.
1869. GARRIGOU, F. *La Sulphydrométrie et ses diverses applications.*
Paris, 8vo, pp. 43.
1869. POPHAM, J. *On the employment by the ancients of the Vapour of Sulphur as a disinfecting and curative agent. (Ex. in Dublin Quart. Journ. of Med. Sci., May, 1869, p. 489).*
An interesting communication evincing much research.
1871. DEWAR, J. *Sulphurous Acid in Rheumatism and Rheumatic Gout. Vide "Antiseptics," 1871.*

1873. FIGLIACELLI, L. Il Solfo e l'Acido Solforoso nel Vajuolo. Lettere al Prof. Polli. Milano.
1874. BARBOSA, A. M. Du traitement de l'Angine Diphthérique par les fleurs de Soufre. Traduction française par E. L. Bertherand. Alger, 4to, pp. 31.

OTHER PREPARATIONS OF SULPHUR.

1830. MOSER, P. Alcohol Sulphuris Lampadii. Monachii, 8vo, pp. 22.
1855. LÉVYBAT, E. Mémoire sur l'emploi du Sirop d'Iodure de Soufre soluble dans les affections scrofuleuses, &c. Paris, 16mo.

ACIDUM SULPHURICUM.

Sulphuric Acid.

1621. CASTELLI (*latiné* CASTELLUS) P. Ricordo dell' elettione, qualita, et virtu dello Spirito et Ogllo Acido di Vitriolo. Roma, 4to. *Bibl. Med.-Chir. Soc.*
1703. WELSCH, G. C. L. *De Sulphure Vitrioli anodyno. Lipsiæ, 4to.
1732. HOFMANN, C. *Diss. chymica-medica de Acido Vitrioli vinoso. Resp. C. Friderici. Halæ, 4to. *Bibl. Coll. Phys. Edin.*
1739. LUDOLPH, H. *Acidi Vitrioli præstantia. Erfordiæ, 4to.
1751. VATER, A. De Vitrioli ejusque Sulphuris et tincturæ indole atque præstantia. Wittembergæ, 4to.
1762. HELMICH, A. H. A. *De usu interno Olei Vitrioli diluti in Scabiei speciebus. Præs. B. Buechner. Halæ Magd. 4to. *Bibl. Med.-Chir. Soc. ; Coll. Surg. Lond.*
- The practice detailed and advocated in this work is the application of an ointment composed of sulphuric acid and lard for the cure of scabies and other skin diseases, a treatment which had been successfully employed on a large scale in the Prussian army.
1778. CAMPBELL, A. *De Acido Vitriolico. Edin. 8vo. *Bibl. Coll. Phys. Edin. ; Acad. Edin.*
1780. HARTMANN, B. Progr. de Acidi Vitriolici virtute calculum pellente. Francof.
1787. RUPDRICHT, A. *Vide* "Sulphur," 1787.
1790. ANDERSON, A. P. *De compositione Acidi Sulphurici. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1793. WINDORFF, L. J. F. *De Acidi Vitrioli in morborum medela usu et abusu. Erfordiæ, 4to, pp. 15.
1824. HERMANN, E. L. *De Acidi Sulphurici in morbis curandis usu. Lipsiæ, 4to. *Bibl. Coll. Surg. Lond. ; Coll. Phys. Edin.*
1826. KIPP, F. F. C. De beneficio per Acidum Sulphuricum. Berol. 8vo, pp. 32. *Bibl. Coll. Surg. Lond.*

1838. KUHN, G. *De veneficio ex Acido Sulphurico. Berol. 8vo.
1840. CRAIGIE, D. Account of a case of Suicidal Poisoning by Concentrated Sulphuric Acid. (Ex. in *Edin. Med. Surg. Journ.* liii, p. 406.)
An interesting communication, containing a large number of cases, and forming a complete essay on the subject.
1842. ORFILA, M. J. B. Recherches expérimentales sur l'empoisonnement par les Acides Sulfurique et Azotique. Paris, 8vo, pp. 16.
1846. CHEVALIER et BARSE, MM. Monographie de l'empoisonnement par l'Acide Sulfurique. Paris, 8vo.
1854. LEPETIT, E. Traitement préservatif et curatif de la Diarrhée de la Cholérine et du Choléra sporadique par l'Acide Sulfurique dilué et les bains salés, &c. (Ex *Gaz. des Hôpitaux*). Paris, 8vo, pp. 32.
1855. LEPETIT, E. Traitement préservatif et curatif du Choléra Asiatique par l'Acide Sulfurique dilué et les bains salés. Paris, 8vo.
1858. AMELANG, L. Beiträge zur Lehre von der Wirkung der Schwefelsäure. Marburg, 8vo, pp. 64.
1872. NEYRENEUF, F. V. *De l'action de l'Acide Sulfurique sur la Peau, et de l'application de la Pâte Sulfo-Safranée au traitement de quelques Tumeurs sous-cutanées. Paris, 4to.

SUMBUL RADIX.

Sumbul.

1850. GRANVILLE, A. B. The Sumbul: a new Asiatic remedy of great power against Nervous Disorders, Spasms of the Stomach, Cramp, Hysterical Affections, Paralysis of the Limbs, and Epilepsy: with an account of its physical, chemical, and medicinal characters, and specific property of checking the progress of Collapse-Cholera, as first ascertained in Russia. London, 12mo, pp. 40. Second ed. 1859, 12mo, pp. 51.

Bibl. Coll. Surg. Lond.

With this grand flourish was introduced to the notice of the British public and profession the Sumbul, which after repeated trials has taken its proper place amongst antispasmodic tonics of no marked value.

SWIETENIÆ vel SOYMIÆ CORTEX.

Rohun Bark.

1793. ROXBURGH, W. A botanical description of a new species of Swietenia, with experiments and observations on the bark thereof, in order to determine and compare its powers with those of Peruvian Bark, for which it is proposed as a substitute. (Ex *Medical Facts*, vi, p. 127-135.) London, 4to, pp. 24.

Bibl. Banks.

For further references on this bark, see *Pharmacopœia of India*, pp. 55, 444, and *Flückiger and Hanbury's Pharmacographia*, p. 137.

1794. DUNCAN, A. *Tentamen de Swietenia Soymida.
Edin. 8vo, pp. 55. *Bibl. Coll. Phys. Edin.; Banks.*
Pritzel (p. 76) adds the following note, "In manuscriptis posthumis Candolleanis lego autorem esse F. Meyer, M.D."

SWIETENIA SENEGALENSIS (CAILCEDRA). Vide KHAYA SENEGAL-
ENSIS.

TABACUM. Tobacco.

NICOTIANA TABACUM. Linn.

1570. MONARDES, N. De Tabaco. (In Spanish.)
Pritzel states that he was unable to find the title of this work. A French translation by J. Gohori was published in Paris in 1572, under the title of "Instruction sur l'herbe Petum ditte en France l'herbe de la Roynne ou Medicée et sur la racine Mechiocan." 12mo, pp. 16, tab. i. English transl. London, 1577, 4to. Alt. ed. cum versione Gallica Emilii Macri. Rouen, 8vo, 1588. There are also two Italian translations: Genova, 1578, 8vo, and Venezia, 12mo, *sine ass.* *Bibl. Bodleian* (Eng. transl.).
1583. EVERARTUS, ÆGIDIUS (*Anglice*, Giles Everard). De Herba Panacea quam alii Tabacum alii Petum aut Nicotianam vocant, brevis commentariolus. Quo admirandæ, ac prorsus divinæ Peruanæ stirpis facultates et usus explicantur. Antwerpis, 12mo. Second ed. *ibid.* 1587. Third ed. Utrecht, 1644, 12mo, pp. 58. English transl. under the title of "Panacea, or the Universal Medicine" (with portrait of author smoking a pipe). London, 1659, 12mo. To the third edition are appended the Miso-capnus of King James (1619), the Hymnus Tabaci of Thorius (1622), and the Tabacologia of Neander (1622).
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond. (Ed. 1587); *Radcliffe* (Ed. 1644).
1595. (Anon.) A treatise describing the nature of Tabacco.
8vo. Printed by W. Barley. London, 1595.
1599. BUTRES, HENRY. Dyet's Dry Dinner, consisting of eight several courses: 1, Fruites; 2, Hearbes; 3, Flesh; 4, Fish; 5, Whitemeats; 6, Spice; 7, Sauce; 8, Tobacco. All served in after the order of time universall. London, 8vo.
A curious work.—*Lowndes.*
1602. (Anon.) The Metamorphosis of Tabacco.
London, for John Flaske, 4to.
A poetical tract, A to Fi in fours, 21 leaves. See *Collier's Poetical Decameron*, i, p. 188-92.—*Lowndes.*
1602. J. H. Worke for Chimney Sweepers, or a Warning for Tabacconists, describing the pernicious use of Tabacco.
London, 4to.
1602. (Anon.) A Defence of Tabacco, with a friendly Answer to Worke for Chimney Sweepers. London, 4to.
1610. GARDINER, ED. Trial of Tobacco, expressing its vertues in physic.
London, 4to.
Bibl. Med. Soc. Lond.; Manchester Med. Soc.
The author asserts (fol. 25) that "the suffumigation of tobacco being taken is a good medicine for the starknesse or stiffnesse of neck called

tetanus, and for any paines or aches of the bodie proceeding of the cause that tetanus doth." This is probably the first notice of the use of tobacco in tetanus. He likewise mentions the benefits derived from smoking in asthmatic and other affections of the lungs.

1611. (Anon.) *Perfuming of Tobacco, and the great abuse committed in it.* London, 4to.
1614. BAROLAY, W. *Nepentes, or the Vertues of Tobacco.* Edinburgh, 8vo, pp. 8. (Reprinted in the Spalding Club "Miscellany.")
The author praises tobacco as "this happie and holie herb," and strongly advocates its use, King James and the Pope to the contrary notwithstanding.—*Allibone.*
- 1614 (circa 1620? *Lowndes*). SYLVESTER, J. *Tobacco battered and Pipes shattered about their ears that idly idolize so base and barbarous a Weed, or at leastwise overlove so loathsome a vanitie, by a Volley of Holy Shot thundered from Mount Helicon.* London, 12mo, n. d. Reprinted with Sylvester's translation of Du Bartas. London, 1641, folio.
Some interesting particulars regarding Sylvester, together with specimens of his "holy shot," are given in *Lond. Med. Phys. Journ.*, xxiv (1810), pp. 354 and 458. "This quibbling doggrell," allowing for poetical exaggeration, shows the extent of the influence this plant had attained at that early period, and how devoted the majority of mankind was to its soothing properties."
1616. DEACON, J. *Tobacco tortured, or the filthy Fume of Tobacco refined.* London, 4to.
1616. MARRANDAN, B. *Del Tobago, los danos que cause, y del Chocolate.* Sevilla, 8vo. French transl. by R. Moreau. Paris, 1643, 4to.
1616. ZIEGLER, J. *Tabak: von dem gar heilsamen Wundkraute Nicotiana.* Zurich, 4to.
Icon speciei majoris satis bona, tum usus varius, etiam adtracti ex fervente aqua vaporis, in qua Nicotiana et aliæ herbæ infusæ essent.—*Haller, Bibl. Bot.*, i, p. 420.
1617. BRATHWAITE, B. *Solemne Joviall Disputation... The Smoaking Age, or the Man in the Mist, with the Life and Death of Tobacco, &c. Oenozythopolis, at the sign of Teare-Nose.* 8vo.
Prefixed are two curious engraved titles by Marshall, with leaves explanatory. The late Mr. Bindley considered this work as one of the scarcest books in England, and the plates by Marshall are the earliest productions of that engraver.—*Lowndes.*
1619. JACOBUS I. (MAGNÆ BRITANNIÆ REX.). *Misocapnus, sive de abusu Tabacci lusus regius.* London, folio. Reprinted with third ed. of Everartus. Utrecht, 1644, p. 199-223. The English version under the title of "Counterblaste of Tobacco," was published in 1672, q. v.
1620. CASTRO, J. DE. *Historia de las virtudes y propiedades del Tabaco, &c.* Cordova, 8vo.
Treats of its external and internal use.—*Haller, Bibl. Med. Pract.*, ii, p. 492.

1621. VENNER, T. A Treatise concerning the taking of the Fume of Tobacco. London, 4to. Reprinted in the Appendix to his work, "Via recta ad Vitam longam." London, 1628, and subsequent editions; the earlier editions want the appendix concerning Tobacco. *Bibl. Med.-Chir. Soc.*

According to Venner, the immoderate use of tobacco "drieth the brain, dimmeth the sight, vitiateth the smell, hurteth the stomach, destroyeth the concoction, disturbeth the humours and spirits, induceth a trembling of the limbe...scotcheth the heart, and causeth the blood to be adusted, &c... Wherefore the use of it is only tolerable by way of physic, not for pleasure or idle custom. "To conclude, therefore, I wish them that desire to have *mentem sanam in corpore sano* altogether to abandon *insanum præposterumque Tabaci usum*."—*Via Recta ad Vitam Longam*, ed. 1638, p. 363.

1622. NEANDER, J. Tabacologia, hoc est Tabaci seu Nicotianæ descriptio medico-chirurgico-pharmaceutica et ejus preparatio et usus in omnibus corporis humani incommodis. Lugd. Bat. (typ. Elzevir), 4to, pp. 256, and tab. i. Ed. alt. ibid. 1624-28. An abridged account in the third ed. of Everartus, *q. v.* French transl. by J. V. Lyon, 1625, 8vo, pp. 342, tab. 8.

Bibl. Med.-Chir. Soc.; Linn. Soc. (French transl.); *Coll. Phys. Edin.; Acad. Edin.*

Infinitam vim medicamentorum recenset, quæ ex Nicotiana ad omnes pene morbos parantur.—*Haller, Bibl. Med. Pract.*, ii, p. 507.

1622. THORIUS, R. Hymnus Tabaci. Lugd. Bat. 4to (probably editio princeps.). Ibid. 1623, 4to. Ibid. 1628, 12mo (typ. Elzevir). Reprinted with the third edition of Everartus, *q. v.* Ultrajecti, 1644. English transl. by Peter Hausted. London, 1651, 8vo. *Bibl. Med.-Chir. Soc.*

With the classical elegance of style which he cultivated *con amore*, Thorius joined a devotion to wine and tobacco, the virtues of the latter of which he here celebrates in Virgilian numbers. Some curious information regarding him, together with extracts from his "Hymn," will be found in *Lond. Med. Phys. Journ.*, xxiv (1810), p. 453-5.

1626. LESUS, —. Non ergo alicui bono Tabacocapnia per os et nares. Paris.

1628. SCRIVERIUS, P. Saturnalia, seu de usu et abusu Tabaci. Haarlem, 8vo.

1629. BAUMANN, J. N. De Tabaci virtutibus, usu et abusu. Basileæ, 4to.

1633. FRANKE (*latiné* FRANCKENIUS), J. *De præclaris herbæ Nicotianæ sive Tabaci virtutibus. Upsaliæ, 4to. *Bibl. Linn. Soc.*

1634. LEIVA Y AGUILAR, F. DE. Disengaño contra el mal uso del Tabaco. Cordova, 4to.

The evils which this writer lays to the charge of tobacco, whether used as snuff or in smoking, are heavy enough, and include shortening of life, deprivation of intelligence, production of melancholy and madness, injury to the teeth, and of the senses of sight and smell, induction of apoplexy, spitting of blood, diseases of the throat, cutaneous affections, especially of the face, and baldness, and lastly, promotion of immorality! The work is stated by Morejon to have had so great an influence that the Council of

Castile prohibited its circulation, owing to its effect on the revenue. See review of Morejon's *Hist. Bibliografica de la Medicina Española, 1842-52*, in *Brit. and For. Med.-Chir. Rev.*, July, 1861, p. 7.

1636. OSTENDOEF, J. *Traité de l'usage du Tabac*. Bordeaux, 8vo.
1642. PALLU, V. *Quæstiones Medicæ...An dentium dolori Tabacum?* Turonid. 8vo.
1644. JUNKEE, J. *Diss. de masticatione foliorum Tabaci in Anglia usitata*. Halæ, 4to.
- 1645 (1655?). FERRANT, L. *Traité du Tabac en sternutatoire*. Bourges, 4to, pp. 30.
1645. CUFFARI *vel* GUFFERI, J. J. *I biasimi del Tabaco, ovvero l'uso pernicioso desso discorso*. Palermo, 4to.
1648. MAGNENUS, J. C. *Exercitationes xiv de Tabaco; in quibus præter ejus historiam, virtutes et vitia, usus et abusus ostenditur*. Ticini, 4to, pp. 192. Alt. ed. Paviæ, 12mo, 1658. Hagæ Comitum, 1668, 12mo, pp. 264. Amst. 1669, 12mo.
Bibl. Med.-Chir. Soc.; Linn. Soc.; Coll. Phys. Edin. (ed. 1658); *Radcliffe* (ed. 1669).
- Vires medicæ Nicotianæ. Præhumidis temperamentis utilem esse. Multa contra Neandrum cujus formulas exagitat. Processus mammillares a tabaci fumo non exsiccari. Ad asthma valere. Pulvis sternutatorius ejusque bonus usus. Masticatio, quæ vi polleat apophlegmatizante. Composita ex tabaco medicamenta. In hydrope decoctum aquam copiose traxisse, ut usum noster interrumpere cogeretur. Arthritidem levare. Multa iterum Neandri censura.—*Haller, Bibl. Med. Pract.*, iii, p. 2.
- Magnenus, in his section "Morbi particulares externi quibus Tabacum subvenit," enumerates ulcers, gangrene, hæmorrhoids, hernias, scrofulous and other tumours, poisoned bites and wounds, pediculi, skin diseases, and wounds, as benefited by its use. He speaks also of the value of the oil of tobacco rubbed into the neck and spine in tetanus, and furnishes a curious formula for a tobacco enema.—*London Med. Phys. Journ.*, xxv, 1811, p. 224.
1650. VITALIANI, A. *De abusu Tabaci*. Romæ, 12mo.
1653. TAPPE (*latinè* TAPPIUS), J. *Oratio de Tabaco ejusque hodierno abusu*. Helmstadii, 4to. Ed. alt. 1660, 1673, 1683, 1689.
Bibl. Banks (ed. 1660).
- Declamatio de abusu etiam et noxa ejus herbæ.—*Haller, Bibl. Med. Pract.*, ii, p. 646.
1657. BALDUS, J. *Satyra contra abusum Tabaci*. Monachii, 12mo.
1657. B[UMSEY], W. and BLOUNT, Sir H. *Vide* "Coffea," 1657.
1659. EVERARD, GILES. *Panacea, &c., being a discovery of the wonderful vertues of Tobacco*. *Vide* "Everartus, Ægidius," 1583.
1665. PAULLI, SIMON. *Commentarius de abusu Tabaci Americanorum, &c., et herbæ Thesæ*. Argentorati, 4to. Ed. secund. 1681, Redit in ejus Quadripartitum Botanicum. Francof. 1708, p. 691-778. English transl. by Dr. James, London, 1708, 8vo, pp. 171.
Bibl. Linn. Soc. (ed. 1665); *Med. Soc. Lond.* (eds. 1665, 1681,

- and English transl.); *Coll. Surg. Lond.* (1675); *Manchester Med. Soc.* (ed. 1680).
1667. FRIDERIOI, J. A. **Ταβακολογια* sive de Tabaco. Jenæ, 4to.
1668. BAILLARD, E. Discours du Tabac, où il est traité particulièrement du Tabac en poudre. Paris, 8vo, pp. 125. Ibid. 1693, 1700. *Bibl. Banks.*
 Laudat hujus pulveris usum et negat in cerebrum venire.—*Haller, Bibl. Bot.*, i, p. 538.
1669. STELLA, B. Il Tabacco, &c. Roma, 8vo, pp. 480.
 From a short abstract of contents given by Haller, *Bibl. Bot.*, i, p. 545, this work appears to be very comprehensive, discussing the origin, history, culture, preparation, nature, and virtues of tobacco, whether used for smoking, snuffing, &c., or for medicinal purposes. With regard to the last, Haller observes, "Electuarium Nicotianæ ad varia prodesse. Succum ad scrophulas. Calculum se de urethra expulisse fomento, in quo Tabacum cum aqua et vino coctum erat. Multa contra Magnenum."
1672. JAMES THE FIRST (KING of ENGLAND). Counterblaste of Tobacco, to which is added a Discourse by Dr. Everard Maynwaring, proving that Tobacco is a procuring cause of Scurvy. London, 4to. Translated from his *Misocapnus*, published first in 1619, *q. v.*
 The sum and substance of this well-known "Counter-blaste" is set forth in the following passage:—"Have you not reason, then, to be ashamed," exclaims the royal author, addressing his subjects, "and to forbear this filthy novelty, so basely grounded, so foolishly received, and so greatly mistaken in the right use thereof? In the abuse thereof sinning against God, harming yourselves both in persons and goods, and taking also thereby the marks and notes of vanity upon you; by custom thereof making yourselves to be wondered at by all foreign civil nations, and by all strangers that come among you, to be scorned and contemned: a custom loathsome to the eye, hateful to the nose, harmful to the brain, dangerous to the lungs, and in the black stinking fume thereof, nearest resembling the horrible Stygian pit that is bottomless!"
1673. BARNSTEIN, H. Miraculum Tabaci. Francof.
1676. [WITHERS, G.] Touchstone or Trial of Tobacco; whether it be good for all constitutions, with a word of advice against immoderate Drinking and Smoaking. To which is added witty poems about Tobacco and Coffee; something about Tobacco written by G. Withers. London? 4to.
1677. DE PRADE, —. Histoire du Tabac, et particulièrement du Tabac en poudre. Paris, 12mo, Ibid. 1716. German transl. loc? 1684 and Schneeberg, 1747, 8vo.
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Dr. Fowler mentions thirty-one cases of dropsy, eighteen of dysuria, and

- several of colic, treated by infusion of tobacco, with, in the majority of cases, considerable success. From extensive observations he concludes that tobacco is very generally diuretic, thus proving an efficacious remedy in dropsy, that it is anodyne and frequently laxative, and thus proves useful in many painful cases where costiveness may render opiates objectionable, that it is of great service in cases of dysuria by relieving pain and promoting diuresis, and that it is a most powerful remedy, in the form of enema, in obstinate cases of colic (*Duncan's Med. Commentaries*, x, 1786, p. 131). The dangers attending its use were not appreciated by Dr. Fowler; it is these, and the uncertainty attending its operation, which have caused it to fall into disrepute.
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TABASHEER.

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Berolini, 8vo, pp. 30.
1858. HACHEBELLE, J. Du Tannin et de son emploi dans les Ophthalmies.
Vendôme, 8vo, pp. 21.
1862. LERICHE, — Du Tannin, de son emploi en médecine comme succédané du Quinquina. Paris, 8vo.
1863. ROBERTS, W. On the peculiar appearance exhibited by blood-corpuscles under the influence of Magenta and Tannin. (Ex. *Proceed. of Royal Society*.) London, 8vo.
Bibl. Med.-Chir. Soc.

1863. GASTINEL, —. Mémoire sur l'Acide Tanno-arsénieux, &c.
Vide "Arsenic," 1863.
1863. WOILLET, —. De l'emploi du Tannin dans les affections des
 organes respiratoires et principalement dans la Phthisie Pulmo-
 naire. (*Bull. Gén. de Thérap.*) Paris, 8vo, pp. 26.
1870. LÈBRE, N. *Du Tannin, et de son emploi thérapeutique.
 Paris, 4to, pp. 38.
1873. DUBOÛÉ, —. Sur l'emploi et les bons effets du Tannin dans
 la Pleurésie et notamment dans la Pleurésie chronique purulente.
 Paris, 8vo, pp. 15.
1875. DUBOÛÉ, —. Sur les propriétés thérapeutiques du Tannin.
Vide "General Therapeutics," 1875.

TARAXACUM DENS LEONIS, Desf.

Taraxacum, Dandelion.

1754. DELIUS, H. F. *De Taraxaco, præsertim aquæ ejusdem per
 fermentationem paratæ eximio usu. Resp. F. J. W. Schroeder.
 Erlangæ, 4to, pp. 28. (*Ibid. in Baldinger Syllog.*, v, p. 219.)
Bibl. Banks; Med.-Chir. Soc. (Baldinger.)
- To a full botanical description of the plant various experiments are added,
 with the view of determining the most effectual mode of obtaining its medi-
 cinal virtues, and the verdict is in favour of a vinous distilled water obtained
 by submitting first to fermentation and then to distillation equal parts of
 the fresh bruised plant and the best Frankfort wine. The author reports
 highly of its efficacy in asthmatic and dropsical affections. See *Duncan's*
Med. Commentaries, viii, 1783, p. 35.
1833. MENKE, C. T. De nova morbos chronicos ope pastus Tarax-
 acini curandi ratione. Pyramonti, 4to, pp. 13.
 Callisen gives this author's name as Menke in one place and Henke in
 another; the former is probably correct.
1869. BENNETT, J. H. Researches into the action of Mercury, Podo-
 phylline, and Taraxacum, on the Biliary secretion. Edin. 8vo.
 Adverse to the claim of taraxacum as a cholagogue. See "*Hydrargyrum*,"
 1869.

ACIDUM TARTARICUM.

Tartaric Acid.

1779. PÆCKEN, M. A. *De Sale essentiali Acido Tartari. Gottingæ,
 4to. (*Idem in Schlegel, Thes. Mat. Med.*, vol. ii, art. 17, p. 70.)
Bibl. Med.-Chir. Soc. (Schlegel); Coll. Phys. Edin.
- Mainly pharmaceutical; contains nothing physiological or therapeutical.
1831. GRÜNER, T. De Acido Pyro-tartarico, et de modo illius ex-
 hibendi. Hannov. und Göttingen, 8vo.
1845. MITSCHERLICH, C. G. De Acidi Acetici... Tartarici, &c.,
 effectu in animalibus. Berolini, 4to.
Vide "Acetic Acid."
1852. ORFILA, M. J. B. De L'empoisonnement par l'Acide Tar-
 tarique. (*Ex Ann. d'Hygiène*, Jan., 1852.) Paris, 8vo, pp. 24.

TAXUS BACCATA, Linn.

The Yew Tree.

1794. REDDELIEN, J. C. De Taxo baccata Linnæi. Præs. —. Loder.
Jenæ, 4to. *Bibl. Med. Soc. Lond.*
1796. KLUNCKER, F. A. *De Taxo baccata. Præs. G. B. Boehmer.
Wittenbergæ, 4to, pp. 32.
1840. SCHUTZ, C. E. Diss. toxicologico-medica de Taxo baccata,
ejusque veneno. Vratislaviæ, 8vo, pp. 41.
1854. CHEVALLIER, A., DUCHESNE, E. A., et RAYNAL, —. Mémoire
sur l'If (*Taxus baccata*) et sur ses propriétés toxiques.
Paris, 8vo, pp. 67.

TELLURIUM.

1825. GMELIN, C. G. Versuche über die Wirkung des Baryts...Tel-
luriums, &c. auf den thierischen Organismus. Tübingen, 8vo.
Bibl. Coll. Surg. Lond.
- Vide *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 135. See "Metals," 1825.

TEREBINTHINA EJUSQUE OLEUM.

Turpentine and Oil of Turpentine.

1534. DONATUS à MUTIIS. Epistola de Terebinthinae resinæ facultatibus. (Ex. in *Gallicum Pentapharmacum, sive De Rhubarbo, Agarico, Manna, Terebinthina et Sene, a Symphoriano Campegio*.)
Lugduni, 8vo.
1592. SCHYLANDER, C. Vide "Guaiacum," 1592.
1640. RANCHIN, F. Traité curieux sur l'odeur de la violette que les Térébenthines donnent aux urines (à la suite de ses Opuscules).
Lyon, 12mo.
- Mérat and De Lens, from whose work this title is extracted, give by mistake the year 1740, instead of 1640, as the date of Ranchin's "Opuscules."
1679. YONGE, J. Currus Triumphalis e Terebintho, or Account of the many admirable vertues of Oleum Terebinthinæ, &c. London, 8vo, pp. 120.

Bibl. Med.-Chir. Soc. ; Coll. Surg. Lond. ; Coll. Phys. Edin.

In this work the author, after taking an extensive and minute view of the means in use in his day for suppressing hæmorrhage from wounds, narrates seven experiments made with oil of turpentine, by which he thinks that he proves that the powers of this agent in stopping bleeding from wounds are greater and more certain than those by any other method. These experiments would not, in the present day, be regarded as very conclusive. The first three show that oil of turpentine, if heated, is liable to be converted into firm, tough, adherent varnish, which he infers must therefore, close shut up, and contract the mouths of the vessels. It is manifest that, as he used this agent hot, evaporation of the volatile portion took place, and then the resinous part formed the varnish. For the circumstances which led to the publication of this work, and extended notice of it, together with an interesting biographical sketch of the author, who was evidently an original genius and an intelligent surgeon, see *Edin. Med. Surg. Journal*, April, 1849, vol. lxxi, p. 414 and p. 943.

1699. WILHELMI, J. *De Terebinthina. Præs. F. Hoffmann.
Halsæ, 4to. Ibid. 1700. *Bibl. Coll. Phys. Edin.*
Gallos pro balsamo Peruviano vendere. Analysis. Usus in scabie, tinea,
alvum ducere, morbis renum et vesicæ convenire, gonorrhœæ, fuori albo.—
Haller, Bibl. Med. Pract., iii, p. 553.
1700. WEDEL, G. W. *De Terebinthina. Jense, 4to.
1790. DURANDE, J. F. Observations sur l'efficacité d'un mélange
d'Éther Sulfurique et d'Huile Volatile de Térébenthine dans les
Coliques Hépatiques produites par des pierres biliaires.
Strasbourg, 8vo.
1814. BRENNAN, J. Thoughts on Puerperal Fever, and its cure by
Spirit of Turpentine; also cases of Inflammation and Spasm cured
by the internal and external exhibition of that medicine.
London, 8vo, pp. 24. *Bibl. Med.-Chir. Soc.*
A loosely drawn up pamphlet; the cases (six) given are very vague, and
too few in number to justify the author's expectation that "the efficacy of
the medicine is as fully established to be a specific by these as by any given
number!" See review in *London Med. Phys. Journ.*, xxxii, 1814, p. 403-410.
1818. MARTINET, L. *Emploi et action de la Térébenthine dans le
Catarrhe chronique Vésical. Paris, 4to.
1819. AVISARD, J. *Térébenthine de Venise, son emploi et action
dans le Catarrhe Chronique Vésical. Paris, 4to.
1823. MARTINET, L. Mémoire sur l'emploi de l'Huile de Térében-
thine dans la Sciatique et dans quelques autres Névralgies, &c.
Paris, 8vo, pp. 78. Éd. 2me, Paris, 8vo, pp. 187, 1829. German
transl. Leipzig, 8vo, 1824. *Bibl. Med.-Chir. Soc.*
A very interesting monograph, consisting chiefly of cases of sciatica and
other neuralgic affections in which the remedy was used, arranged in three
classes, viz.: cases cured, cases relieved, and cases not benefited; of these a
good analysis is given at the end of the work. See review in *Edin. Monthly
Journ. of Med.*, February 1st, 1842, vol. ii, p. 157-160. For a summary of
his results see *Dublin Journ. Med. Sci.*, iv, 1834, p. 462.
1829. CARMICHAEL, H. Observations on the efficacy of Turpentine
in the Venereal and other deep-seated Inflammations of the Eye.
With some remarks on the influence of that medicine on the
system. Dublin, 8vo. *Bibl. Coll. Surg. Lond.*
1830. CAILLOT, A. *Essai chimique sur les Térébenthines, &c.
Strasbourg, 4to.
1830. FERNANDES, S. J. *De la Péritonite Puerpérale et en par-
ticulier de son traitement par l'Essence de Térébenthine, &c.
Paris, 4to.
1837. BAYLE, A. L. J. Sur l'Huile de Térébenthine. (Ex. in *Bib-
liothèque Thérapeutique*, vol. iv, p. 365.
Contains an excellent summary of its therapeutic uses.
1838. LUTTERI, A. *Summa recentiorum observationum de Oleo
Terebinthinæ. Ticini Reg., 8vo, pp. 24.
1839. GUIBOURT, N. J. B. G. Mémoire sur l'origine et les carac-
tères distinctifs des Térébenthines. Paris, 8vo,

1850. SMITH, T. *Practical treatise on the therapeutic uses of Terebinthinate Medicines.* London, 8vo, pp. 95.
 A series of observations, the results of clinical experience, on the value of terebinthinate medicines, of which the author entertains a high estimate. They are well deserving of perusal, and exhibit throughout the single aim of improving the resources of the therapeutic art by an attempt to determine the true value of a powerful class of medicaments.—*Brit. and For. Med.-Chir. Rev.*, January, 1851, p. 248.
 The volume contains much useful information.—*Edin. Med. Journ.*, lxxv, p. 228.
1856. MARCHAL, —. *Mémoire sur l'empoisonnement par la Vapeur d'Essence de Térébenthine.* Paris, 8vo, pp. 44.
1857. MOUCHON, E. *De la Térébenthine, de son huile essentielle et de quelques produits pharmaceutiques à base de Térébenthine.* Lyon, 8vo, pp. 16.
1858. REY, A. *Des procédés hydrothérapiques, et des bains de Vapeur Térébenthinée. (Ex Comptes Rendus).* Grenoble, 8vo, pp. 96.
1861. LECLAIRE, —. *Recherches concernant l'influence que peut avoir l'Essence de Térébenthine sur la santé des ouvriers peintres en bâtiments et des personnes qui habitent un appartement nouvellement peint.* Paris, 8vo, pp. 52.
1864. TRISSIER, —. *De l'emploi de l'Essence de Térébenthine contre la céphalée des femmes nerveuses.* Lyon, 8vo, pp. 15.
1866. CHEVANDIER, A. *Bains de Vapeurs Térébenthinés chez soi. Étude.* Ed. 3me, Paris, 8vo, pp. 31.
 For an abstract of M. Chevandier's observations see *Dublin Quart. Med. Journ.*, vol. xviii, p. 497.
1869. BOYER, G. A. **De la Térébenthine, son emploi dans quelques maladies.* Paris, 4to.
1869. MARCHAND, L. *Énumération des substances fournies à la médecine et à la pharmacie par l'ancien groupe des Térébenthacés.* Paris, 8vo, pp. 104.
1869. COURVAL, O. de. *Remarques sur le traitement topique de la Carie par l'Huile de foie de Morue blonde et l'Essence de Térébenthine.* Paris, 8vo, pp. 32.
1871. BEGGIE, J. WARBURTON. *The therapeutic actions and uses of Turpentine.* Ex. in *Edin. Med. Journ.*, July, 1871, p. 39, seq.
 An interesting contribution to our therapeutic knowledge of this agent.
1874. BREMOND, —. *Nouvelle méthode de traitement de la Blennorrhagie Urétrale par les bains de Vapeur Térébenthinée.* Paris, 8vo, pp. 11.
1874. CRUCIS, L. **Action physiologique et morbide de la Térébenthine et de quelques autres hydrocarbures.* Paris, 4to.
1875. ROMMELAERE, —. *Essence of Turpentine in Phosphorus Poisoning.* Vide "Phosphorus," 1875.

TEUCRIUM MARUM, Linn.

Cat Thyme.

1703. WEDEL, G. W. *De Maro. Resp. J. Hermann.
Jenæ, 4to, pp. 44. *Bibl. Linn. Soc.; Banks.*
1774. LINNÆUS, C. *Diss. de Maro. Resp. J. A. Dahlgren.
Upsaliæ, 4to, pp 18.
Bibl. Banks; Linn. Soc.; Med. Soc. Lond. (sub nom. Dahlgren).
1794. NICOLAI, —. Historia Cephalalgie periodicæ Maro officinali sanatae.
Jenæ, 4to.

TEUCRIUM SCORDIUM, Linn.

Scordium. Water Germander.

- ? MELLESINUS, J. S. Carmen heroicum de virtutibus et proprietatibus Scordii herbæ, nuper in Germania a Valerio Cordo inventæ.
Augustæ Vindel. 4to, fol. 7, tab. col. i.
This work is given on the authority of Pritzel, but I can find no notice of it elsewhere. It is apparently a work of the 16th century.
1706. CAMERARIUS, R. J. *De Scordio. Resp. V. E. Rothius.
Tubingæ, 4to, pp. 24. *Bibl. Banks.*
1716. SLEVOGT, J. A. *Nonnulla ad natalem locum, characterem et vires herbæ Scordii pertinentia.
Jenæ, 4to, pp. 8.
Bibl. Banks.
1716. WEDEL, J. A. *De Scordio. Resp. W. Wigand.
Jenæ, 4to, pp. 32. *Bibl. Banks.*
1720. KLEINKNECHT, J. J. De Scordio herba schediasma posthumum, editum a J. Franco, impr. cum hujus Momordicæ descriptione. Ulmæ, 8vo, pp. 41. *Bibl. Med.-Chir. Soc.; Banks.*

THALLIUM.

1864. LANCY, —. Sur les effets toxiques du Thallium. (Ex. in *Mém. de la Soc. des Sci. de Lille*).
Lille, 8vo, pp. 7.
1867. MARMÉ, W. Researches on Thallium. (Ex. in *Schmidt's Jahrbücher*, No. 9, 1867).
Dr. Marmé has carefully studied the physiological action of Thallium... He traces out its effects on various classes of animals, as on reptiles, birds, and mammals. For an abstract of his interesting observations see *Brit. and For. Med.-Chir. Rev.*, January, 1868, p. 254.

THAPSIA GARGANICA, Linn.

1857. REBOULLEAU, —. Notice sur la résine de Thapsia garganica et sur son emploi en médecine comme agent révulsif sous forme d'emplâtre.
Constantine, 8vo, pp. 15.

THEA CHINENSIS, Sims.

Tea.

1648. MORISSET, P., et MAUVILLAIN, J. DE. Ergo Thea Chinesisium menti confert.
Paris, 4to.

1657. THEVART, A. et CRESSÉ, P. *Ergo confert curandæ Arthritidi Thea Sinensium. Paris, 4to.
1665. PAULLI, S. *Vide* "Tabacum," 1665.
1671. DUFOUR, P. S. *Vide* "Coffea," 1671. Lyons, 12mo, pp. 188.
1672. MOLINARIUS, S. DE. Ambrosia Asiatica, seu de virtute et usu herbæ The seu Cia, &c. Genusæ, 12mo.
Eulogium potius est herbæ Theæ, ad omnes pene morbos, epilepsiam etiam et catochum.—*Haller, Bibl. Med. Pract.*, iii, p. 66. See also *Bibl. Bot.*, i, p. 568.
1678. BONTEKOE, C. Van het excellenste Kruid Thee derdem druk vermeerderd met twee verhandelingen van de Coffi en de Chocolade. Hagæ, 12mo. Ib. 1685.
Cum tenuitatem sanguinis pro summo bono haberet, eam a Thea expectabat, adeo vehementer hujus plantæ laudator, ut omnem suspicionem repudiaret, infusam cum Thea aquam etiam ad 200 vascula sumtam nocere posse, et eam ipsam pro panacea ad omnes morbos extollat.—*Haller, Bibl. Bot.*, i, p. 602.
1678. TEN RHYNE, G. De frutice Théë, excerpta ex ejus observationibus Japonicis. Imp. cum Breyn, Centuria Exoticarum, &c. Gedani, folio, p. ix-xvii. *Bibl. Banks.*
1684. FRISIUS, H. Quod Thea Arthritidi conveniat. Lugd. Bat. 4to.
1684. ALBINUS, B. *De Thee. Resp. J. M. Genge. Francof. 4to, pp. 31. *Bibl. Banks.*
1684. PECHLIN, J. N. Theophilus bibaculus, sive de potu Theæ dialogus. Kilonii et Francof. 4to, pp. 103. *Vide* "Petit," 1685, *infra*. *Bibl. Med.-Chir. Soc.; Acad. Edin.*
Theæ vim esse in sale volatili cum adstringente vi conjuncto. Salutarem ejus vim esse in scorbuto, calculo, podagra, &c.—*Haller, Bibl. Med. Pract.*, iii, p. 221.
1685. HERRICHEN, J. G. De Thea herba doricum melydrion: [Græce]. Lipsiæ, 4to. Impr. cum P. Francii Anacroneticis (*vide* 1685) et cum Tollii Epistolis Itinerariis. Amst. 4to, 1700.
1685. FRANCIUS, P. In laudem Theæ Sinensis anacreontica duo (Græce). Amstel. 4to, pp. 8. *Bibl. Banks.*
1685. CHAMBERLAYNE, J. *Vide* "Coffea," 1685.
1685. PETIT, P. Thea, sive de Sinensi herba Thee carmen ad Huetium, cui adjectæ J. N. Pechlini de eadem herba epigraphæ et descriptiones aliæ. Lipsiæ, 4to, pp. 48, tab. i. *Bibl. Banks.*
Minime infectum carmen.—*Haller, Bibl. Bot.*, p. 629.
1685. WALDSCHMIEDT, J. J. De potu Theæ. Resp. C. Küraner. Marburgi, 4to.
1686. BLANKAART, S. Gebruik en misbruek van de Thee, &c. Gravenhage, 8vo. German transl. Hamburg, 1705, 8vo.
1687. BLEGNY, N. DE. *Vide* "Coffea," 1687.

1687. KIRCHMAJERUS, C. C. Diss. medica de usu et abusu potus calidi cum Herba Thee.
Wittembergæ, 4to.
Bibl. Coll. Phys. Edin.
1688. BORRICHIVS, O. De usu plantarum indigenarum in medicina ...et de Thé. Hafniæ, 12mo.
Bibl. Med.-Chir. Soc.
1688. DILLENIVS, J. F. Diss. de Thea et potu Theæ. Giessæ, 4to
1690. THILE, J. Theologia medica, i. e. de usu et abusu potus calidi cum herba Thee exercitatio.
Wittebergæ, 4to.
1691. MAPPUS, M. *Vide* "Coffea," 1695.
1692. WALDSCHMIEDT, W. U. *De usu et abusu potus Thee in genere, præcipue vero in Hydrope. Resp. J. Müller. Kilix, 4to.
1693. TILING, J. De præstantia herbæ Theæ in medicina.
Lugd. Bat. 4to.
1696. FAUCIS, D. DE, et SERINA. *Non ergo mors Arthritidis potu decocti foliorum Theæ.
Paris, 4to.
1698. EMMERICH, G. Theologia, ejusque infusum.
Regiomonti, 4to.
1699. OVIINGTON, J. Essay upon the nature and qualities of Tea.
London, 12mo.
Utilitatem medicam Theæ magnis laudibus extollit.—*Haller, Bibl. Med. Pract.*, iv, p. 207.
1702. LUTHER, C. F. *An potus Theæ exsiccandi et emaciandi virtute polleat.
Paris, 4to.
Apologia Theæ, non siccare, debilem humectare, saturatam autem siccare.—*Haller, op. cit.*, iv, p. 344.
1707. WEDEL, G. W. *De Thea.
Jenæ, 4to.
1712. SILVA, J. B. An senibus Thé ?
Paris, 4to, pp. 4.
1721. MEISNER, L. F. *Vide* "Coffea," 1721.
1722. LOHMEIER, —. *Diss. de herbæ exoticæ Theæ infuso ejusque usu et abusu.
Erfordix, 4to.
1730. SHORT, T. Dissertation upon Tea, explaining its nature and properties. London, 4to. Alt. ed. 1749, 1753.
1734. STAHL, J. J. *De veris herbæ Theæ proprietatibus et viribus medicis. Resp. A. G. Reichel.
Erfordix, 4to, pp. 24.
Bibl. Banks.
1737. LEFEBVRE, J. F. *Vide* "Tabacum," 1737.
1739. FALCONET, C. et BERTIN, J. E. *Non ergo potus Theæ ad sanorum diætam pertinet.
Paris, 4to, pp. 4.
1740. NÖRAGER, C. *De potu Thee. Resp. P. Schow.
Hafniæ, 4to, pp. 16.
Bibl. Banks.
1743. KRÜGEE, J. G. *Vide* "Coffea," 1743.
1745. MASON, S. The good and bad effects of Tea considered.
London, 8vo.
Bibl. Med. Chir.-Soc.; Acad. Edin.

1746. JAMES, R. *Vide* "Coffea," 1746.
1747. QUELMALZ, S. T. *Programma de infuso foliorum Theæ.*
Lipsiæ, 4to.
1749. GARNIER, A. et COUTHIER, J. F. *An Parisinis frequens
potus Theæ frequenti potu Caffé salubrior? Paris, 4to, pp. 4.
1750. ELOY, N. F. J. *Réflexions sur l'usage du Thé.*
Montpellier, 12mo.
1750. SHORT, T. *Vide* "Tabacum," 1750.
1765. LINNÆUS, C. *Potus Theæ. Resp. P. Tillæus.
Upsaliæ, 4to, pp. 16, tab. i. *Bibl. Banks.*
1769. LETTSOM, J. C. *Observationes ad vires Theæ pertinentes.
Lugd. Bat. 8vo. *Bibl. Med.-Chir. Soc.*
Experimentis nonnullis putat se vincere, odoratum et volatile Theæ elementum nocere: extractum adeo aut decoctum salubrius esse, vimque noxiam non esse ab aqua calida, sed a narcotico Theæ vapore.—*Haller, Bibl. Bot.*, ii, p. 601.
1772. LETTSOM, J. The natural history of the Tea-tree with observations on the medical qualities of Tea and the effects of Tea-drinking. London, 4to, pp. 64, tab. i. Second ed. London, 1799, 4to, pp. 102, tab. nig. i, tab. col. 4. French transl. Paris, 1773, 12mo, pp. 170, tab. i. *Bibl. Med.-Chir. Soc.*
1787. BUCHOZ, P. J. *Diss. sur le Thé, sur sa récolte et sur les bons et mauvais effets de son infusion.*
Liège et Paris, 8vo, pp. 65.
1787. BELCHILGEN, COUNT. *An essay on the properties and virtues of Ginseng Tea, with observations on the poisonous effects of Tea drinking in general.*
London, 8vo.
1799. TAYLOR, E. *Vide* "Tabacum," 1799.
1800. LANGSTADT, F. L. *Vide* "Coffea," 1800.
1806. BUCHOZ, P. J. *Histoire naturelle du Thé de la Chine.*
Paris, 8vo, pp. 92.
1808. CADET DE GASSICOURT, C. L. *Le Thé, est-il plus nuisible qu'utile?*
Paris, 8vo.
1810. BONIN, P. *Remarques et observations sur les inconvéniens et l'abus du Thé.*
Paris, 4to.
1820. MARQUIS, F. *Du Thé, &c.* Paris, 8vo, pp. 68, tab. 2me éd. Paris, 1834, 8vo, pp. 99, tab. nigr. 9, tab. col. i.
1825. BERGSMAN, C. A. **Diss. medico-botanica de Thea.*
Traject. ad Rhen. 8vo, pp. 52. *Bibl. Roy.*
Contains a chronological list of authors who have written on tea.
1826. SASSENIUS, J. B. *De l'excellence du Thé, et de ses vertus étonnantes dans la médecine.*
Anvers, 8vo.
1827. NEWNHAM, W. *Observations on the medicinal and dietetic properties of Green Tea, and particularly on the controuling influence it exerts over Irritation of the Brain.*
London, 8vo, pp. 32.
The author concludes that green tea acts as a direct sedative in headaches

- arising from sthenic excitement of the brain, *e.g.* those produced by overstimulation by the use of alcoholic drinks, or from intense mental exertion or literary research. Under such circumstances, he states that it "calms the nervous system, invigorates the animal frame, refreshes jaded spirits, clears the ideas, brightens the faculties," and recruits the flagging energies of the brain! Such is the author's picture; for the reverse, see *Med.-Chir. Rev.*, July, 1827, p. 143, 4.
1827. MILLESLEY, S. Sur l'usage du Thé, d'après les auteurs les plus anciens et les plus renommés. Paris, 8vo, pp. 36. 2me éd. ibid. 1830.
1830. KIHLMANN, J. H. Chinesika Théet. Stockholm, 8vo, pp. 30.
1839. SIGMOND, G. G. Tea; its effects, medicinal and moral. London, 8vo, pp. 144.
- Dr. Sigmond's book has entirely disappointed us. Its title is attractive, its contents the reverse. We eagerly sought for information, and, except in its extracts from other works, we found scarcely any. We were prepared for good Souchong or Pekoe, and all that was offered us was exceedingly weak Bohea. As in duty bound we drank the Bohea, but really cannot recommend to our readers a similar draught. There was scarcely a lump of sugar in the cup!—*Brit. and For. Med. Rev.*, Jan., 1839, p. 242.
1843. HOUSSAYE, J. G. Monographie du Thé, description botanique, torréfaction, composition chimique, propriétés hygiéniques, &c. Paris, 8vo, pp. 160, fig. 18. German transl. Leipzig and Quedlinburg, 1844, 8vo, pp. 111, tab. 5.
1844. PLEISOHL, A. Der Thee (Thea) in chemischer und diätetischer Beziehung, &c. Wien, 8vo, pp. 38.
1844. WEYDA, H. Der Chinesische Thee in Bezug auf Naturgeschichte und Diätetik. Wien, 8vo, pp. 48, tab. i.
1861. SMITH, E. On the uses of Tea in the healthy system. (*Ex Journ. of Soc. of Arts.*) London, 8vo. *Bibl. Med.-Chir. Soc.*
1864. DEBAY, A. Les influences du Chocolat, du Thé, &c., sur l'économie humaine, &c. Paris, 8vo, pp. 276.
1866. GRIMSHAW, T. W. Treatment of Typhus Fever by Tea, with cases. London, 12mo. *Bibl. Med.-Chir. Soc.*
1870. FÉBRER, F. De la Leucorrhée liée à la Métrite interne, suite de couches, et de son traitement par les injections de Thé vert. Paris, 8vo, pp. 8.
1874. WANKLYN, J. A. A Practical Treatise on the analysis of Tea, Coffee, and Cocoa. London, 8vo, pp. 59.
- The author acknowledges in his preface that he has done little more than collect the materials which had been accumulated by the numerous chemists who have examined tea, coffee, and cocoa. His own additions to our knowledge are very small, and from imperfect acquaintance with the chemical literature of food analysis, he too often claims as original, methods and facts long previously known.—*Brit. and For. Med.-Chir. Rev.*, Oct., 1875, p. 408.
1875. BENNETT, J. H. On the Antagonism between Theine or Infusion of Tea and Meconate of Morphia. See "Medicines, Properties of," 1875.

THEBAINE.

1872. ARZEROUNY, M. *Étude expérimentale sur les effets physiologiques et thérapeutiques de la Thébaine. Paris, 4to.
See "Opium."

THEOBROMA CACAO, Linn.

Cacao, Chocolate.

1609. CARDENOS, J. Del Chocolate che provechos haya, y se es saludable o no. Mexico, 8vo.
1616. MARRANDAN, B. *Vide* "Tabacum," 1616.
1631. COLMENERO DE LEDESMA, A. Curioso trattato de la naturaleza y calidad del Chocolate, dividido in quatro puntos. Madrid, 4to. Latin transl. by M. A. Severinus, Norimbergæ, 1644, 12mo, pp. 73. French transl. by R. Moreau, Paris, 1643, 4to, pp. 59, and Lyons, 1671, 12mo. Ital. transl. Bologna, 1694, 12mo, pp. 72. English transl. by Chamberlayne, London, 1685, 12mo.
Bibl. Banks (omnes ed.); *Acad. Edin.* (1644).
1651. DUPONT, M. An salubris usus Chocolatæ. Affirmat. Resp. C. Brisset. Paris, 4to.
1662. STUBBE, H. The Indian Nectar; or a discourse concerning Chocolate. London, 8vo, pp. 184. *Bibl. Banks.*
1664. BRANCACCIO, F. M. De usu et potu Chocolatæ diatribe. Romæ, 4to. *Ibid.* 1666.
1672. HUGHES, W. The American Physician; whereunto is annexed a Discourse of the Cacao-nut tree, and the use of its fruit, &c. ...with all the ways of making Chocolate, the like never extant before. London, 12mo. *Bibl. Banks.*
1678. BONTEKOE, C. *Vide* "Thea Chinensis," 1678.
1684. BACHOT, S. Quæstio medica, an Chocolatæ usus salutaris? Paris, 4to.
1694. EYSEL, J. P. *De Chocolatæ usu et abusu. Erfordiæ, 4to.
1695. MAPPUS, M. De potu Chocolatæ. *Vide* "Coffea," 1695.
1710. FELICI, J. B. Parere intorno all' uso della Cioccolata. Firenze, 4to. *Bibl. Med.-Chir. Soc.* (ed. 1728).
Adverse to the use of chocolate. The author's views were opposed by Serafinus, Zeti, and Avanzini, whose tracts are appended to the end of the edition of Felici's work, published at Florence in 1728. *Vide Haller, Bibl. Bot.*, ii, p. 219-20.
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1721. BRÜCKMANN, F. E. *De Avellana Mexicana. Præs. J. C. Spies. Helmstadii, 4to, pp. 48, tab. 2. 2nd ed. Brunsvigæ, 1728, 4to, pp. 29, tab. 2. *Bibl. Banks.*
1721. MEISNER, L. F. *Vide* "Coffea," 1721.

1723. GOELICKE, A. O. De Balsamo Cacao.
 Francof. ad Viad. 4to. Ibid. 1736.
1735. MAUCHART, B. D. *Butyrum Cacao, novum atque commen-
 datissimum medicamentum. Resp. G. Hoffmann.
 Tubingæ, 4to, pp. 24. *Bibl. Banks.*
1736. STAHL, J. J. *De Chocolata Indorum ejúsque viribus medicis.
 Resp. M. J. Eschweiler. Erfordiæ, 4to.
1737. LEFEBVRE, J. F. *Vide* "Tabacum," 1737.
1739. BARON, H. T. An senibus Chocolate potus? Affirmat. Resp.
 L. G. Lemournier. Paris, 4to. Idem, Resp. J. F. C. Morand.
 Paris, 1749, 4to.
1746. JAMES, R. *Vide* "Coffea," 1746.
1746. MILHAU, —. Diss. sur le Cacaoyer.
 Montpellier, 4to, pp. 32. *Bibl. Banks.*
1759. MARCO, J. DE. De usu et abusu Chocolatæ in re medica et
 morali. Malta, 4to.
1763. CARTHEUSER, J. F. *De Chocolatæ analepticorum principe.
 Resp. C. H. Becmann. Francof. ad Viad. 4to.
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1763. LINNÆUS, C. *De potu Chocolatæ. Resp. A. Hoffmann.
 Holmiæ, 4to, pp. 10. (Idem in *Amæn. Acad.*, vii, p. 254-263).
Bibl. Banks.
- Laudat.—Haller.*
1772. NAVIER, P. T. Observations sur le Cacao, et sur le Chocolat,
 où l'on examine les avantages et les inconvénients qui peuvent
 résulter de ces substances nourricières. Paris, 12mo, pp. 144.
1787. BUCHOZ, P. J. Diss. sur le Cacao et sur sa culture.
 Paris, 8vo, pp. 60.
1827. GALLAIS, A. Monographie du Cacao.
 Paris, 8vo, pp. 216, tab. 2, et "carte" i.
1857. MITSCHERLICH, G. A. *De Cacao.
 Berolini, 8vo, pp. 35, tab. i.
1859. MITSCHERLICH, G. A. Der Cacao und die Chocolate.
 Berlin, 8vo, pp. 129, tab. 3, mappa geogr. i.
1864. DEBAY, A. *Vide* "Coffea," 1864.
1864. FOREST, H. Du Cacao et de ses diverses espèces. Historique,
 analyses chimiques, altérations, falsifications, &c.
 Paris, 18mo, pp. 103.
1869. BERNOULLI, C. G. Uebersicht der bis jetzt bekannten Arten
 von Theobroma. Zurich, 4to, pp. 15, tab. 7.
1874. WANKLYN, J. A. Analysis of Cocos. *Vide* "Thea," 1874.

ACIDUM THYMICUM.

Thymic Acid.

1869. PAQUET, A. Du traitement de la Gangrène Pulmonaire cura-
 ble par les inhalations de l'Acide Thymique. Paris, 8vo, pp. 7.

TITANIUM.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts...
Titaniums, &c., auf den thierischen Organismus. Tübingen, 8vo.
Bibl. Coll. Surg. London.
Review in *Edin. Med. Surg. Journ.*, xxvi, 1826, p. 135. See also "Metals,"
1825.

TORMENTILLA. Vide "POTENTILLA."

TRIMETHYLAMINE.

1873. BOURDET, F. *Sur la Triméthylamine; ses propriétés chimiques, physiologiques et thérapeutiques. Paris, 4to.
1873. COTTARD, A. *De la valeur de la Triméthylamine dans le traitement du Rhumatisme Articulaire. Paris, 4to. Ibid. 8vo, pp. 88. *Bibl. Med.-Chir. Soc.*
1873. DUJARDIN-BEAUMETZ, —. Nouvelles recherches sur la Triméthylamine et sur son usage thérapeutique dans le traitement du Rhumatisme Articulaire aigu. Paris, 8vo, pp. 47.
1873. PETIT, A. De la Triméthylamine au point de vue chimique et pharmaceutique. Paris, 8vo, pp. 11.
1873. HAMDY, A. Vide "Propylamine," 1873.
1874. PELTIER, G. De la Triméthylamine et de son usage dans le traitement du Rhumatisme Articulaire aigu. Paris, 8vo, pp. 36.

CHLORHYDRATE OF TRIMETHYLAMINE.

1873. DUJARDIN-BEAUMETZ, —. Du Chlorhydrate de Triméthylamine dans le traitement du Rhumatisme Articulaire aigu. Paris, 8vo, pp. 19.

TRITICUM REPENS, Linn.

Couch Grass.

1656. PFAUTZ, J. Descriptio Graminis medici plenior, ex variis haud infinitæ notæ scriptoribus, de nomine, formâ, loco, tempore, qualitatibus ac viribus, &c. Ulmæ, 4to, pp. 19. *Bibl. Banks.*
1747. KNIPHOFF, J. H. *De Gramine levidensi et præcellentissimo. Erfordisæ, 4to, pp. 20. *Bibl. Banks.*
The value of *Triticum repens* in genito-urinary affections has, in modern times, been ably set forth by that eminent surgeon Sir Henry Thompson.—*Lancet*, October 12th, 1861, *q. c.*

TROPÆOLUM MAJUS, Linn.

Garden Nasturtium, Indian Cross.

1755. CARTHEUSER, J. F. *Diss. de Cardamindo. Resp. G. Klopsch. Francof. ad Viad. 4to, pp. 24. *Bibl. Banks.*
1789. LAURELL, A. F. *De Tropæolo. Præs. C. N. Hellenius. Abosæ, 4to, pp. 28.

TUNGSTEN.

1825. GMELIN, C. G. Versuche über die Wirkungen des Baryts...
Tungstens, &c., auf den thierischen Organismus.
Tübingen, 8vo. *Bibl. Coll. Surg. Lond.*
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part i.

TUSSILAGO FARFARA, Linn.

Coltsfoot.

1714. EYSEL, J. P. *Filius ante patrem (i. e. Tussilago Farfara)
phthisicorum asylum. Resp. C. Otto. Erfordiæ, 4to, pp. 24.
Bibl. Banks.
1779. NECKER, N. J. DE. *Vide* "Petasites vulgaris," 1779.
1807. BODARD, P. H. H. Des Écronelles, des humeurs froides, et
observations sur l'utilité du Tussilage dans le traitement de cette
maladie. Paris, 8vo, pp. 108. 3me éd. intitulée "Engorge-
mens des Glandes," &c. Paris, 8vo, 1816.

TUSSILAGO PETASITES. *Vide* PETASITES VULGARIS.

TYPHA LATIFOLIA, Linn.

Cat's Tail, &c.

1833. VIGNAL, E. T. Essai sur la Brûlure et son nouveau traite-
ment par l'usage des poils du Typha. Paris, 8vo, pp. 80.
1857. BALLY, —. Communication sur l'emploi de l'épi ou spathe
du Typha latifolia. Clermont-Ferrand, 8vo, pp. 7.

ULMUS CAMPESTRIS, Linn.

Common Elm.

1692. RIDDERMARCK, A. *Diss. de Ulmo. Resp. H. Ulmgrehn.
Londini Scanavæ, 8vo, pp. 32. *Bibl. Banks.*
1718. FISCHER, J. A. *De Didar Ibnsinæ, seu Ulmo arbore. Resp.
H. D. Beckelmann. Erfordiæ, 4to, pp. 30. *Bibl. Banks.*
1738. SACHS, F. J. *Diss. de Ulmo. Argentorati, 4to, pp. 36.
Bibl. Linn. Soc.; Radcliffe; Banks.
Short analysis, chiefly in reference to its physical history in *Haller, Bibl.*
Bot., ii, p. 156.
1772. LYSONS, D. Essays on Fevers, &c., with observations on the use
of a decoction of the inner bark of the Common Elm in Cutaneous
Disorders. Bath, 8vo. *Bibl. Med.-Chir. Soc.*
1791. BAUMGARTEN, J. C. G. *De corticis Ulmi campestris natura
viribusque medicis. Lipsiæ, 4to, pp. 36.
1813. SMITHSON, J. On a substance called Ulmin.
London, 4to. *Bibl. Linn. Soc.*

1820. JEFFREYS, H. Cases in Surgery...the beneficial effects of Elm Bark as a cheap substitute for Sarsaparilla.

London, 8vo. pp. 237.

Bibl. Med.-Chir. Soc.

The author does not rank Elm Bark with the more costly Sarsaparilla, but he avers that prepared as he directs, it is possessed of more medicinal virtues than have generally been attributed to it. He gives numerous cases to illustrate this view.—*Med.-Chir. Rev.*, December, 1822, p. 544-5.

1823. VAN DER VLIET, N. L. *De usu corticis Ulmi campestris.

Lugd. Bat. 4to.

Bibl. Roy.

ULMUS FULVA, Michaux.

Slippery Elm.

1856. STORER, H. R. Elm Tents for the dilatation of the Cervix Uteri.

Boston, U.S., 8vo, pp. 8.

Contains a suggestion for the construction of uterine tents out of the bark of the Slippery Elm, which are thought to possess many advantages over those made of sponge.

URANIUM.

1825. GMELIN, C. G. Versuche über die Wirkung des Baryts... Uraniums auf den thierischen Organismus.

Tübingen, 8vo.

Bibl. Coll. Surg. Lond.

Rev. Edin. Med. Surg. Journ., xxvi., 1806, p. 137. See also "Metals," 1825.

URTICA URENS, Linn.

Small Stinging Nettle.

1723. FRANKE, *latinè* FRANCUS, J. De Urtica urente. Diling. 8vo.

Bibl. Roy.

Senis opus, pene quadraginta annis post primam eam in Misc. Nat. Cur. adnotationem secutum. Antiquitates urticæ, et species, de flore aliqua, et de iconibus judicium. Analysis, aqua, spiritus, sal, et alia, vires medicæ, identidem observationes confirmatæ.—*Haller, Bibl. Bot.*, i, p. 635.

1862. ELOFFE, A. L'Ortie: ses propriétés alimentaires, médicales, &c.

Paris, 18mo, pp. 38.

UVA URSI FOLIA.

Uva Ursi. Bearberry Leaves.

1763. QUEB Y MARTINEZ, J. Diss. physico-medica sobre la Passion Nephritica, e su verdadero especifico la Uva Ursi ó Garubas. Madrid, 4to, pp. 56, tab. i.

Bibl. Banks.

1764. GIRARDI, M. De Uva Ursina, ejusque et Aquæ Calcis vi lithontrypica, novæ animadversiones. Patavii, 8vo, pp. 173, tab. 2.

Bibl. Med.-Chir. Soc.; Linn. Soc.

Exempla adducit Uvæ Ursi in variis urinæ malis utiliter adhibitæ.—*Haller, Bibl. Bot.*, ii, p. 541.

1764. MURRAY, J. A. *Comment. de Arbuto Uva Ursi, exhibens descriptionem ejus botanicum, analysin chemicam, ejusque in

medicina et œconomia varium usum. Gottingæ, 4to, pp. 66.
(Redit. in ejus "Opera," vol. i, p. 1).

Bibl. Med.-Chir. Soc.; Linn. Soc.

De viribus medicatis in morbis vesicæ et renum exempla. Levat nonnunquam, non sublato malo.—*Haller, Bibl. Bot.* ii, p. 456.

1778. HARTMANN, P. I. *Antinephritica Uvæ Ursinæ virtus merito suspecta. Traject. ad Viad. 4to, pp. 55.
1803. MITCHELL, J. S. *Essay on the Arbutus Uva Ursi and Pyrola, &c. Philadelphia, 8vo.
1805. MELANDRI, G. *Vide* "Colchicum," 1805.
1805. BOURNE, R. Cases of Pulmonary Consumption, &c., treated with Uva Ursi. Oxford, 8vo, pp. 293. *Bibl. Med.-Chir. Soc.*
A character of extreme candour pervades this work. In the majority of the cases, however, the Uva Ursi was not had recourse to without auxiliary combinations, and in some instances its employment was for a time entirely suspended. Hence the conclusions arrived at are much invalidated.—*Med. and Phys. Journal*, 1805, p. 461. The author's data appear to have been of a very limited and unsatisfactory character. See review in *Edin. Med. Surg. Journ.*, ii, 1806, p. 346.
1827. SOEDERBERG, C. *De Arbuto Uvæ Ursi. Præs. C. P. Thunberg. Upsaliæ. 4to.
1858. DE BEAUVAIS, —. Considérations pratiques sur l'emploi de l'Uva Ursi considéré spécialement comme agent obstétrical. Batignolles, 8vo, pp. 16.
1858. ROELEN, F. H. Analecta et experimenta de foliorum Uvæ Ursi effectu. Berolini, 8vo, pp. 31.

VALERIANA OFFICINALIS, Linn.

Common Valerian.

1724. SPIES, J. C. *De Valeriana. Resp. J. F. Bismarck. Helmstadii, 4to, pp. 34.
Bibl. Banks; Linn. Soc.; Med. Soc. Lond. (sub nom. Bismarck).
1732. ALBERTI, M. De Valerianis officinalibus. Resp. J. F. Stanke. Halæ, 4to, pp. 20. *Bibl. Banks.*
In adfectibus oculorum expertus laudat.—*Haller, Bibl. Bot.*, ii, p. 154.
1758. HILL, Sir J. The virtues of Wild Valerian in nervous disorders, &c.; directions for gathering and preserving the root, &c. London, 8vo, pp. 24, tab. 2. German transl. Nürnberg, 1765, 8vo, pp. 31, tab. 2. *Bibl. Med. Soc. Lond.; Banks.*
Valde laudat ad morbos hystericos.—*Haller, op. cit.*, p. 358.
1776. DRESKY, W. *De Valeriana officinali, *Linn.* Erlangæ, 4to, pp. 30. (Baldinger Syllog. iii, p. 208.)
Bibl. Banks; Med.-Chir. Soc.
1788. CARMINATI, B. Comparaison des propriétés médicinales de la Valériane Celtique et de la Valériane officinale. In ejus "Opuscula Therapeutica," vol. i. *Vide* "General Therapeutics," 1788.

1789. ACKERN, J. C. VON. *De Valeriana, ejusque characteribus, viribus atque effectibus. Halæ, 8vo. *Bibl. Roy.*
1799. STÖR, B. H. *De radice Valerianæ officinalis, Linn., in Febribus acutis effectu. Erlangæ, 8vo, pp. 32.
1811. DUFRESNE, P. *Histoire naturelle et médicale de la famille des Valérianées. Montpellier, 4to, pp. 61, tab. 3.
1815. MERICQ, —. *Diss. sur l'usage médicamenteux de la Valériane. Strasbourg, 4to.
1816. LANDIS, H. *De Valerianæ officinalis virtutibus, ejusdemque usu medico. Gottingæ, 8vo.
1828. GUIBERT, T. Remarques pratiques sur l'emploi de l'Extrait de Valériane à haute dose dans les maladies nerveuses, et spécialement dans l'Asthme convulsif, l'Épilepsie et l'Hystérie. Paris, 8vo
1835. GIORGETTI, F. *De Valeriana. Ticini Regii, 8vo, pp. 24.
1860. BARRALLIER, M. A. Des effets physiologiques et de l'emploi thérapeutique de l'Huile essentielle de Valériane. (Ex. *Bull. Gén. de Thérapeutique*, 1860.) Paris, 8vo, pp. 16.
1862. PIERLOT, M. Note sur la Valériane, sur l'analyse de sa racine et sur le Valérianate d'Ammoniaque. Paris, 8vo, pp. 11, 3 plates.
1867. TIMBAL-LAGRAVE, E. Note pour servir à l'étude botanique et médicale de la Valériane officinale. Toulouse, 8vo, pp. 7.
1871. CHATIN, J. *Études sur les Valérianes et leurs produits. Paris, 4to.
1873. BUISSON, L. *De la Valériane officinale. Paris, 4to.
1875. BOCK, E. Experimente über die Wirkungsweise der Radix Valerianæ. Göttingen, 8vo, pp. 35, tab. folio i.

VERATRIA.

Veratrine.

1820. GRIES, F. H. *De efficacia Veratri. Halæ, 8vo.
1830. BARDSLEY, J. L. Hospital Facts and Observations...on Veratria, &c. London, 8vo. *Bibl. Med.-Chir. Soc.*
Vide "Strychnia," 1830.
1834. TURNBULL, A. An Investigation into the remarkable medicinal effects resulting from the external application of Veratria. London, 8vo, pp. 96. Second ed. with App. on the external application of Delphinia and on the internal administration of the salts of Veratria and Delphinia. London, 1835, 8vo, pp. 120. Dutch transl. by J. Turk. Ultraject. 1835, 8vo. *Bibl. Med.-Chir. Soc.*

This treatise consists of an introduction detailing the properties and mode of applying veratria, followed by six chapters, each devoted to a consideration of its effects in a distinct disease or class of diseases, thus—1. Affections of the Heart. 2. Neuralgic Affections. 3. Rheumatism. 4. Paralysis. 5.

Dropsy. 6. Gout, Amaurosis, and Syphilitic Nodes. After a full consideration of all he has stated in these chapters, our impression is that the beneficial effects of veratria have been considerably exaggerated; he gives only a partial view of the subject. Has the author ever met with cases in which veratria failed to perform the miracles attributed to it? If so, why are the unsuccessful cases not detailed? He appears also to have overlooked the effects which the previous or concomitant treatment, as well as simple friction, and the action of veratria as a rubefacient, may have had upon the system.—*Edin. Med. Surg. Journ.*, xlii, 1834, p. 155—167.

1835. SCUDAMORE, Sir C. On Gout...with observations on the use of Veratria in that disease. London, 8vo. *Bibl. Med.-Chir. Soc.*

1836. ESCHÉ, J. *De Veratræ effectibus in corpus animale.

Lipsiæ, 4to, pp. 43.

The most complete investigation yet undertaken.—*Christison on Poisons*, 1845, p. 88o.

1837. ROELL, C. C. *De Veratrina ejusque usu medico, observationibus clinicis investigatis. Traject. ad Rhen. 8vo, pp. 103.

Bibl. Coll. Surg. Lond.

1837. FORCKE, F. A. Physiologisch-therapeutische Untersuchungen über das Veratrin.

Hannover, 8vo, pp. 146.

Bibl. Coll. Phys. Edin.

Evidently the work of a tyro dazzled by accounts of the virtues of a remedy which subsequent experience has proved to be in many instances exaggerated, in others false.—*Brit. and For. Med. Rev.*, Oct., 1839, p. 363. Two cases of neuralgia and nine of paralysis treated by veratria are detailed in this work.—See *Med.-Chir. Rev.*, Jan., 1839, p. 229.

1839. RAPP, W. VON. *Ueber das Veratrin.

Tübingen, 8vo, pp. 42.

1840. SPENCE, W. M. *On Veratria.

Edin. 8vo.

1843. RABE, C. An inaugural treatise on Veratrine. Recommended for publication by the Examining Committee.

Charleston, U.S., 8vo.

1855. BOLUMINSKI, P. *De Veratrino, ejusque usu in Pneumoniis.

Berolini, 8vo, pp. 31.

1858. NATROWSKI, R. G. Diss. de Veratrino in Pneumonia adhibendo.

Berolini, 8vo, pp. 28.

1866. FAUCHEY, A. M. *Recherches sur les propriétés physiologiques et thérapeutiques de la Vératrine.

Paris, 4to.

1867. BEZOLD, A. VON, und HIET, L. Ueber die physiolog. Wirkungen des essigsäuren Veratrins. (Ex. in *Untersuchungen aus dem physiolog. Laboratorium in Würzburg*, vol. i.) Leipzig, 8vo.

1868. MOSSET, J. M. A. *Essai sur la Vératrine.

Paris, 4to.

1869. AMORY and WEBBER. On Veratria. *Vide* "Veratrum Viride," 1869.

1869. WEYLAND, L. Vergleichende Untersuchungen über Veratrin, &c. Giessen, 4to.

Bibl. Med.-Chir. Soc.

1870. MILLET-LACOMBE, F. G. *De la Vératrine dans la Pneumonie,

Paris, 4to.

VERATRUM VIRIDE, Linn.

American Hellebore.

1856. NORWOOD, W. C. The therapeutical powers and properties of Veratrum viride. New York, 8vo. Second ed.

1862. CUTTER, E. Veratrum viride as a therapeutic agent. Cambridge, U.S., 12mo. French transl. Paris, 8vo, pp. 16, tab. i.

Bibl. Med.-Chir. Soc.

Dr. Ephraim Cutter was one of the first, if not the first, to introduce Veratrum viride into practice. The present monograph is complete in its references to the literature which in the course of the preceding five years has accumulated round this drug.—*Lancet*, July 22nd, 1862, p. 93.

1864. PERCY, S. R. An Inquiry into the physiological and medicinal properties of Veratrum viride; together with some physiological and chemical observations upon the alkaloid Veratria.

Philadelphia, 8vo, pp. 87.

An interesting monograph, to which the New York Academy of Medicine awarded a gold medal. After considering the botanical and chemical history of Veratrum viride, the author proceeds to describe his experiments upon animals, which are extremely interesting, and appear to have been very carefully performed. See analytical review in *Glasgow Med. Journ.*, Jan., 1865, p. 461-8.

1866. KOCHER, T. Behandlung der croupösen Pneumonie mit Veratrum-Präparaten. Würzburg, 8vo, pp. 96.

In this work the treatment of anaplastic pneumonia by Veratrum is very ably defended and its superiority strongly urged, the observations being based on sixty cases treated by it at the hospital at Berne. It is not set forth as a specific, but as an important and valuable remedy in the rational treatment of the disease.—*Amer. Journ. Med. Sci.*, July, 1867, p. 236.

1868. NORWOOD, W. C. The authorship and therapeutical powers of Veratrum viride more fully examined. Albany, 8vo.

1869. DULMONT, —. Du Veratrum viride et de son action physiologique et thérapeutique. Part i. Paris, 8vo, pp. 21.

1869. AMORY, R., et WEBBER, S. G. A contribution to the physiological study of Veratrum viride and Veratria. Reprint from *Boston Med. Surg. Journal*. Boston, U.S. 8vo.

Contains a record of some interesting researches, a short abstract of which, with comments, is given in *Practitioner*, Feb., 1870, p. 110.

1870. SCHRÖTTER, L. von. Über die Wirkung der Digitalis und Tinct. Veratri viridis auf die Temperaturverhältnisse bei der croupösen Pneumonie. Wien, 8vo, pp. 34, tab. 5.

1871. VIOLLAND, P. H. *Expérimentation clinique sur le Veratrum viride. Paris, 4to.

1875. WOOD, H. C., et BERENS, J. An Investigation into the action of Veratrum viride upon the circulation. Reprint from *Philadelphia Med. Times*.

An elaborate and valuable paper, containing an accurate account of many experiments upon animals with the two alkaloids of Veratrum viride, viz. veratroidia and viridia, the former being the sabadilla and the latter the jervia of preceding writers, the two in combination constituting the complex

principle formerly known under the name of veratria. With each of these alkaloids Dr. Wood investigated their action on the circulation, on the heart and its nerves, and on the vaso-motor system. See further, *Edin. Med. Journ.*, March, 1875, p. 832.

VERBASCUM THAPSUS, Linn.

Great Mullein.

1754. RISLER, J. *Diss. medico-botanica de Verbasco. Argentorati, 4to, pp. 76, tab. i. *Bibl. Coll. Surg. Lond.*; *Banks*.
An investigation mainly into the physical history of the plant, judging from a short abstract in *Haller's Bibl. Bot.*, ii, p. 440, where it is favorably noticed.

VERBENA OFFICINALIS, Linn.

Verbena, Common Vervain.

1721. WEDEL, J. A. *Diss. de Verbena. Resp. S. Arnold. Jenæ, 4to, pp. 18. *Bibl. Banks*.
1751. MONRAD, J. W. *De Verbena ejusque usu in sacris et incantationibus veterum. Hafniæ, 4to. *Dissertatio literaria.*—*Haller*, ii, p. 410.

VERONICA (LINARIA) CYMBALARIA, Linn.

Cymbalaria, Ivy-leaved Toad Flax.

1798. BODARD, P. H. H. Mémoire sur la Véronique cymbalaire. Pisa, 8vo, pp. 16.

VERONICA OFFICINALIS, Linn.

Veronica, Common Speedwell.

1690. FRANKE, *latinè* FRANCUS, J. Polycresta herba Veronica ad botanices philosophicæ juxta et medicæ cynosuram elaborata. Ulmæ, 12mo, pp. 272. *Bibl. Med. Soc. Lond.*; *Banks*.
1692. HANNIEL, N. Die preiswürdige Veronica, oder Europäischer Thee. Dusseldorf, 4to.
1693. FRANKE, *latinè* FRANCUS, J. Veronica Theezans, i.e. collatio Veronicæ Europææ cum Thee chinitico. Suabaci, 12mo. Ed. ii, auctior et correctior, Lipsiæ et Coburgi, 1700, 12mo, pp. 158, tab. 3. French transl. Paris, 1707 (1704 apud Haller), 12mo. pp. 55, tab. 2. *Bibl. Med. Soc. Lond.*; *Banks*.
Antiquitates (Veronicæ) requirit, comparat cum Alyssæ veterum, cujus figuram dat ex Codice Dioscorideo. Inde Theæ iconem aliquam dat et historiam. Vires Veronicæ valde ornat, et multis exemplis confirmat.—*Haller, Bibl. Bot.*, i, p. 635.
1694. HOFFMANN, F. *Exercitatio physico-medica de infusi Veronicæ efficaciam præferenda herbæ Theæ. Resp. C. W. Sattler. Halæ, 4to, pp. 24. Idem, Halæ, 1705, 4to.

Bibl. Linn. Soc.; *Banks*.

Infusum herbæ vires optime servare. Inesse cum vi tonica subtiles et odoratas particulas; prodeesse in phthisico malo, scabie sicca, a vesica mucum depellere; non perinde, ut Thea, hypochondriasis nocere.—*Haller, Bibl. Bot.* ii, p. 20.

1712. ANDRY, N. Le Thé d'Europe ou les propriétés de la Véronique. Paris, 12mo.
1716. ZWINGER, T. De Thee Helvetico. Impr. cum Wepferi, "Cicutæ aquaticæ Historia." Basileæ, 4to.
Bibl. Med.-Chir. Soc. (sub nom. Wepfer.)
1717. EYSEL, J. P. *De Veronica. Resp. J. D. Curtius. Erfordis, 4to, pp. 24. *Bibl. Banks.*
1781. DOLLFUSS, J. G. *Specimen botanico-medicum de Veronica. Basileæ, 4to, pp. 19.
1834. MOTTINI, P. *Synopsis Veronicarum quæ in Italia sponte nascuntur, nonnullis additis ad virtutes medicas et usum therapeuticum ipsarum pertinentibus. Præs. G. Moretti. Ticini Regii, 8vo, pp. 35.

VINUM.

Wine.

1534. FRASCATORIUS, H. Sententia de temperatura Vini. Venetiis, 4to.
In qua vinum calidum esse ostendit, non humidum, sed neque siccum.—
Haller, Bibl. Pract. Med. i, p. 522.
1535. CONFALONERIUS, J. B. De Vini natura ejusque alendi ac medendi facultate disquisitio. Basileæ, 18mo, fol. 59. Id. Venet. 1535, 12mo. *Bibl. Coll. Phys. Lond.; Banks; Med. Soc. Lond.*
1536. FUMANELLUS, A. Commentarius de Vino ejusque facultatibus. Venetiis, 4to. Redit. in ejus "Opera," Tiguri, 1557, et Paris, 1592, folio. *Bibl. Acad. Edin.*
1537. ST. ÉTIENNE (*latinè* STEPHANUS), C. Vinetum, in quo varia nomina Vinorum, antiqua, latina, vulgariaque continentur, &c. Paris, 8vo.
1540. FERRI, A. De Vini exhibitione. Accedit H. Fracastorii Syphilis sive morbus Gallicus. Paris, 8vo. *Bibl. Radcliffe.*
1549. GAZIUS, A. Aerarium Sanitatis, et de Vino et Cerevisia. Patavii, 8vo. *Bibl. Coll. Surg. Lond.*
1559. PRÆFECTUS, J. De diversorum Vini generum natura. Venetiis, 8vo, fol. 56. *Bibl. Banks.*
1565. GRATABOLO, G. De Vini natura, energia, temperatione, &c. Basileæ, 8vo. Id. Coloniae, 1671, 8vo.
1568. TURNER, W. A new booke of the natures, and properties of all Wines that are commonlye used here in England, with a confutation of them that hold that Rhenish and other small wines ought not to be drank. London, 8vo. *Bibl. Banks.*
- 1588 (1558 apud HALLER) PAULMIER (*latinè* PALMARIUS), J. DE De Vino et Pomaceo libri duo. Paris, 8vo. French transl. by R. Constantin, "Traité du Vin et du Sidre." Caen, 1589, 8vo. *Bibl. Banks.*

1595. BACCIUS, A. De naturali Vinorum historia, de Vinis Italiae, &c. Romæ, folio. Alt. ed. Romæ, 1596, folio, pp. 370. Ibid. Romæ, folio, 1597. Francof., 1607, folio.
Bibl. Banks. (Ed. Romæ, 1596.)
1596. MINI, P. Discorso della natura del Vino, delle sue differenze e del suo uso retto. Firenze, folio, pp. 370. *Bibl. Banks.*
1600. CRIVELLATI, C. Trattato dell' uso e modo di dare il Vino nelle malattie acute. Roma, 8vo. *Bibl. Med. Soc. Lond.*
1600. TURNEBUS, A. De Vino libellus. Paris, 8vo. Helmstadii, 4to, 1605, 1609. Redit. in "Meibomius de Cerevisiis." Helmstadii, 4to, 1668. *Bibl. Acad. Edin.*
1603. PARISIUS, P. Use of Wine locally to Wounds, &c.
Vide "Oils," p. 171.
1604. HELBACH, F. Oenographia, Weinkeller oder Kunstbuch vom Wein, &c. Francof. ad Mœn. 4to, pp. 328.
1604. TEXTOR, V. Traité de la nature du Vin, et de l'abus tant d'icelui que des autres breuvages, par le vice d'yvrogerie. Genève, 8vo. German transl. by S. Schamberger. Francof. 1606, 1607, 1617, 8vo.
1608. MEYDEN, T. DE. Trattato della natura del Vino, &c. Parma, 8vo.
1608. CANONHIERIUS, P. A. Le lodi e i biasimi del Vino. Viterbo, 12mo.
1616. ARBAULT, G., et ROBILART, L. *Ergo Hystericis Vinum. Paris, 4to.
1617. LEMERCIER, —. Ergo Vinum alimentorum optimum? Paris, 12mo.
1623. CASERTA, F. A. *Vide "Water,"* 1623.
1625. HARTUNG, V. De Vino, &c. *Vide "Lac,"* 1625.
1627. CANONHIERIUS, P. A. De admirandis Vini qualitibus libri tres. Antwerpise, 12mo.
1629. RENDELLA, P. *Vide "Vitis vinifera,"* 1629.
1630. TIRELLUS, M. De historia Vini et Februm libri duo. Venetiis, 4to, pp. 395. *Bibl. Med. Soc. Lond.; Banks.*
Practici scopi. Vini laudes tradit, quod in omnibus febris propinat, etiam in febre tertiana continua, inflammatione capitis, &c.—*Haller, Bibl. Bot.*, i, p. 445.
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Homo vanissimus!—*Haller, B. P. M.*, ii, p. 619.
1638. WHITAKER, T. The Blood of the Grape. London, 12mo. Ibid. 1654. Latin transl. by G. Whitaker. Francof. 1655, 8vo.
Bibl. Roy. (Ed. 1655).

An attempt to prove the possibility of maintaining life from infancy to extreme old age, without any sickness, by the use of wine!—*Lowndes.*

1638. CLAUSS, M. Œnohydromachia seu Vini et aquæ certamen. Œnioponti, 16mo.
 Contra P. Drexelium qui vinum ex usibus humanis volebat exsulare; noster vinum purum aquato præfert. Negat malignos vino spiritus inesse, &c.—Vide *Haller, Bibl. Med. Pract.*, ii, p. 637.
1640. GUARINONIUS, H. Hydronogamia triumphans; seu aquæ vinique connubium vetustum, sanctum, salutare, &c. P. Drexelii vano Œnohydromachiae triumphatui oppositum. Œnioponti, 8vo.
 Pro vino aquato.—*Haller, Bibl. Med. Pract.*, ii, p. 650.
1642. SPERLING, J. *De Uva, musto ac Vino. Wittembergæ, 4to.
1644. PALLU, V., et TARDY, C. *Non ergo Vinum album Catarrho nocet. Paris, 4to.
1645. HERILACUS, P. Aquarum natura... Vinorum et aquarum effectus comparati. Francof. 12mo. *Bibl. Med.-Chir. Soc.*
1654. CORTACIUS, G. Trutina Medica, qua tum Sanguinis missio tum Vini exhibitio in Febris perpenditur. Patavii, 4to.
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1661. SACHS VON LEWENHAIMB, P. J. Vide "Vitis vinifera," 1661.
1667. CUSSON, —. *Ergo Vinum vitæ et staturæ detrahit. Paris, 4to.
1672. PORTEIUS, J. D. Vini Rhenani anatomia chymica, &c. Heidelbergæ, 12mo. Idem, Lewarden, 1674, 12mo.
1673. RAVULT, —. Ergo senibus Vini potio insalubris. Paris, 4to.
1684. GUIDE, P. Expériences sur la vertu du Vin rouge pour guérir la rétention d'urine. Paris? 4to.
1703. HOFFMANN, F. *De natura et præstantia Vini Rhenani in medicina. Resp. J. F. Kauppers. Halæ, 4to. Ed. alt. Lugd. Bat. 1708, 8vo. *Bibl. Med.-Chir. Soc. (sub nom. Kauppers).*
 Vina Germanica eorumque vires. Ars vini parandi, conservandi. Rhenanum vinum fere ad omnes morbos valere per exempla. Ad duas et tres in diem mensuras imperat. In arthritide etiam et podagra dat, etiam in febris malignis.—*Haller, Bibl. Med. Pract.*, iii, p. 556.
1705. SALINS, M. DE. Defensio Vini Burgundiani adversus Vinum Campanum. Belnæ, 4to. *Bibl. Coll. Surg. Lond.*
1720. DUVINIUS, J. B. De potu Vini calidi. Mutinæ, 4to.
1721. HOFFMANN, F. *De Vini Hungarici excellenti natura, virtute et abusu. Halæ, 4to. German transl. Ulm, 1735, 8vo.
 Nobilissima vina merito laudat senibus, debilibus, hypochondriacis, podagricis; in eo elixiria stomachica optime solvi.—*Haller, Bibl. Med. Pract.*, iii, p. 565.
1724. ANON. (SHAW, PETER). The Juice of the Grape; or Wine preferable to Water: a treatise in which Wine is shown to be the grand preserver of health. London, 8vo.
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1725. VALLISNERI, A. Vide "Water," 1725.

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1736. BEINICK, J. E. De potu Vinoso digestionem impediēte.
Argentorati, 4to. *Bibl. Med. Soc. Lond.*
1740. GUERING, F. A. *Diss. de Vini intra corpus assumpti usu et
noxa. Argentorati, 4to. *Bibl. Med.-Chir. Soc.*
1741. RICHTER, G. G. Programma de virtute Vini calidi
Gottingæ, 4to.
1756. BÜCHNER, A. E. *Diss. de Vino ut medicina et veneno.
Resp. — Stever. Halæ, 4to.
1757. GUTTORFF, F. E. Diss. medico-chemica, spicilegia quædam
ad Olei Vini preparationem, usum, &c., complectens. Halæ, 4to.
1759. GARDINER, J. *De Vino. Edin. 8vo.
Bibl. Med. Soc. Lond.
- De vini, etiam cerevisiæ viribus analepticis in maxima debilitate.—
Haller, Bibl. Bot., ii, p. 475.
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apud Timothei iv, 23. Vitebergæ, 4to.
1763. REINDEL, T. *Diss. chemico-medica de Oleo Vini, &c.
Jenæ, 4to.
1767. SCHOSULAN, J. M. *Diss. de Vinis. Viennæ, 8vo, pp. 56.
Bibl. Banks; Acad. Edin.
1772. WAINMAN, O. *Observationes de Vino præcipue. Edin. 8vo.
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1773. VILLIFRANCHI, G. C. Oenologia Toscana; Memoria sopra
i Vini ed in specie Toscani. Firenze, vol. ii, 8vo.
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on the Wines of the Ancients, and the analogy between them
and the modern wines. London, 4to. *Bibl. Coll. Surg. Lond.*
The substance of this interesting work will be found in Dr. Henderson's
History of Wines (1824), and more particularly in Cyrus Redding's History
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1777. CARTHEUSER, F. A. Programmata iii, de quibusdam Vino-
rum adulterationibus sanitati noxiis, &c. Giessen, 8vo. German
transl. 1778.
1778. NAVIER, P. T. Questions sur l'usage du Vin de Champagne
mousseux contre les Fièvres putrides et autres maladies de même
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1781. MCCLENACHAN, G. *Diss. quædam de Vino complectens.
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1797. BURMESTER, T. A. *De usu Vini medico.
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1798. HOYER, J. H. *Vires Vini medicinales cum viribus Opii comparatæ; et de Vini in Febribus usu. Erfordiæ, 4to.
1799. SANDFORD, W. Practical remarks on the medicinal effects of Wine and Spirits. Worcester, 12mo, pp. 152.
Although intended for popular use, this little work contains many useful observations on the abuse of wine and spirits, see *London Med. Rev. and Mag.*, 1800, p. 113.
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1805. (Ann. xiii) POU CET, J. C. A. *Essai sur les qualités et l'emploi hygiénique des Vins. Paris, 4to.
1812. CHALVON, G. *Essai sur le Vin considéré comme cause des maladies, et principalement comme moyen thérapeutique. Paris, pp. 17.
1815. CANU, F. *Recherches sur l'histoire, la nature, les effets et l'emploi hygiénique du Vin. Paris, 4to.
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1818. MARTLAND, R. *De intemperantia Vini et Spiritus ardentis. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
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An invaluable work, still the classical authority with all who know it. The easy taste of its style, the beauty and number of its illustrations, the accuracy and good selection of its quotations, not to mention its convenient type and division, must render it an universal favourite. Its chemistry, though rarely wrong, is, of course, not that of the present day.—*Brit. and For. Med.-Chir. Rev.*, April, 1858, p. 298.

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1827. MOORE, E. *De Vino. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
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English transl. by Dr. H. Bence Jones. London, 1857, 8vo, pp. 390.
"We found it impossible to use Dr. Bence Jones's translation of Mulder, on account of the numerous blunders, not only in proper names but in numbers;" e.g. Professor Mulder calls the French writer Batilliat (*amié*) Batillat, and having thus lost an *i* in the hands of the Dutch, he has his *t* turned into a *o* by Dr. Bence Jones, reappearing as Batillac. But his fate is nothing to that of Mr. Hitchcock, whom Dr. Jones calls "Hitchok," and then, when the indignant reader tries to set matters right by verifying the quotation, he is told to look into a periodical of the yet distant date of 1884! —*Brit. and For. Med.-Chir. Rev.*, April, 1858.
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Contains information of great interest, and written in a very pleasing manner, but on too limited a scale, considering the importance of the subject. The author dwells too much on the price, and not enough on the dietetic value of the various wines as dependent on their constituent qualities.—*Brit. and For. Med.-Chir. Rev.*, January, 1866, p. 128.
The second edition contains so large an amount of additional matter as almost to make it a new book.—*Medical Times and Gaz.*, January 4th, 1873.
1871. THUDICHUM, J. L. W., and DUPRÉ, A. Treatise on the origin, nature, and varieties of Wine. London and New York, 8vo, pp. 760.
This book, which professes to be a "Complete Manual of Viticulture and Enology," thoroughly fulfils that purpose, and is probably one of the most solidly useful works that have appeared on any subject of the kind for many

years. Although it does not contain a complete discussion of the action of wine upon the body in health and in disease, it may be read with profit and pleasure alike by the profession and the public.—*Practitioner*, December, 1871, p. 360.

1874. GALVANI, M. *Du traitement de l'Hydrocèle vaginale par l'Injection Vineuse, et spécialement par cette injection faite à température ordinaire. Paris, 4to.

VIOLA ODORATA, Linn., et alt. species.

The Violet, Species of.

1716. WEDEL, G. W. *De Viola martia purpurea. Resp. J. A. B. Grauel. Jenæ, 4to, pp. 40. *Bibl. Linn. Soc.; Banks.*
1718. HENNINGER, J. S. De Viola martia purpurea. Resp. J. B. Wuestenfeld. Argentorati, 4to, pp. 36. *Bibl. Banks.*
1762. TRILLER, D. W. De morte subita ex nimio Violarum odore oborta. Wittembergæ, 4to.
"Nobilis virgo, quum in cubiculo violarum odore pleno dormiisset, mane moribunda reperta, servari non potuit."—*Haller, Bibl. Bot.*, ii, p. 128.
1763. KESZLER, F. A. *Diss. medica de Viola. Vindobonæ, 8vo, pp. 55. (Ex. in *Wasserberg, Fasc.* ii, p. 324.)
Bibl. Banks; Acad. Edin.
- Species enumerat et describit, sed imprimis pharmaceutici est argumenti.—*Haller, Bibl. Bot.*, ii, p. 535.
1785. NIEMEYER, J. H. A. *De Violæ caninæ in medicina usu. Gottingæ, 4to, pp. 27. *Bibl. Banks.*
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1824. BOULLAY, P. F. G. Recherches analytiques sur la Violette (Viola odorata) et examen de son principe actif comparé à celui de l'Ipécacuanha. (In *Mém. de l'Acad. Roy. de Méd. de Paris*, 1828, p. 417.) Paris.
1856. TIMBAL-LAGRAVE, E. Études pour servir à l'histoire botanique et médicale du genre Viola. Toulouse, 8vo, pp. 16.

VIOLA TRICOLOR, Linn. (V. ARVENSIS, Murray).

The Heartsease, Pansy.

1779. STRACK, E. De Crusta Lactea infantum ejusque remedio (Viola arvensis, *Murray*). Lugd.-Gallorum, 4to.
1782. HAASE, A. *Viola tricolor. Erlangæ, 4to, pp. 34. *Bibl. Banks.*
1786. ECCARD, M. T. *De virtutibus quibusdam Violæ tricoloris, Arnicæ et Asafœtidæ, per experimenta clinica comprobatis. Præs. G. G. Ploucquet. Tubingæ, 4to, pp. 27.

VISCUM ALBUM, Linn.

Misletoe.

1706. BAIER, J. J. *Diss. medica de Visco. Resp. L. F. Hornung. Altdorfii, 4to, pp. 36.
Bibl. Linn. Soc.; Coll. Surg. Lond. (sub nom. Hornung).
1719. COLBATCH, J. Dissertation concerning Mistletoe, a remedy in Convulsive Distempers. London, 8vo. Third ed. 1723. German transl. Altenberg, 1748, 8vo. French transl. by H. Freeman, Paris, 8vo, 1729. *Bibl. Med.-Chir. Soc.; Coll. Phys. Edin.*
- Auctor in ligno Visci totaque planta specificum quærit adversus epilepsiam idque se putat invenisse. Siccat in furno, et drachmam semis singulis horis exhibet. In convulsionibus et chorea sancti viti vidit profuisse; fallere tamen fatetur et monendi sunt lectores. Asafœtidam et alia cum Visco mista fuisse, &c.—Vide *Haller, Bibl. Bot.*, ii, p. 156.
1747. KOELDERER, J. G. *De Visco. Argentorati, 4to, pp. 32.
Bibl. Linn. Soc.; Coll. Surg. Lond.
1753. BUCHWALD, B. J. DE. *Diss. continens analysesem Visci, ejusque usus in diversis morbis. Resp. M. Mackefrang. Havniæ, 4to, pp. 22. *Bibl. Banks.*
1783. PFÜNDEL, C. F. W. *De Spasmis tonicis Visco albo persanatis. Jenæ, 4to, pp. 25.
1796. STURM, B. C. G. *Visci Quercini descriptio botanica, analysis chemica et usus medicus. Jenæ, 8vo, pp. 38. *Bibl. Banks.*
1806. FRASER, H. On Epilepsy, and the use of the Mistletoe of the Oak in its cure. London, 8vo. *Bibl. Med.-Chir. Soc.*

The account of the cases (eleven in number) in which Dr. Fraser experienced the powers of mistletoe is very brief and uncircumstantial, and is preceded by a systematic view of the symptoms, causes, &c., of epilepsy, somewhat after the model of an inaugural dissertation, and abounding with references to authors. To most readers this detail is unnecessary, and it would appear that the object of the author would have been more effectually accomplished by an ample and circumstantial relation of the instances in which the remedy proved serviceable.... He has enumerated the names of eighteen authors who have mentioned the efficacy of mistletoe in this disease, from the age of Pliny to the present time, but the majority of them, we fear, will not be deemed more satisfactory than that of the credulous Roman himself.—*Edin. Med. Surg. Journal*, ii, 1806, p. 353.

VITIS VINIFERA, Linn.

The Vine, including the Grape and the "Grape Cure."

1562. ALTOMARI, DONATUS A. AB. De Vinaceorum (Grape stones) facultate et usu. Neapoli, 4to. *Bibl. Med.-Chir. Soc.*
1580. DODOENS, R. Historia Vitis vinique et stirpium nonnullarum aliarum; item medicinalium observationum exempla. Coloniae, 8vo, pp. 168.
Bibl. Banks.; Med.-Chir. Soc.; Linn. Soc.

Præter botanica, aliqua hic chirurgica et medica adnotata.—*Haller, Bibl. Med. Pract.*, ii, p. 228.

1587. HORSTIUS, J. Opusculum de Vite vinifera ejusque partibus, &c. Helms. 8vo. Redit. in *Herbario Horstiano*. Marpurgi, 12mo, 1630, p. 283-384.

Bibl. Coll. Phys. Lond.; Med. Soc. Lond.

Omphacium, passulas, vinum varii generis, acetum, oxymel, syrupum acetosum dicit, cum viribus medicatis.—*Haller, Bibl. Bot.*, i, p. 358.

1600. FROMMANN, J. C. Exercitatio Vindemialium prior de uva, posterior de musto. Colon. 8vo.

1614. CORNARIUS, J. Theologiæ Vitis viniferae libri tres.

Heidelbergæ, 8vo.

1620. RENDELLA, P. Tractatus de Vineæ, Vindemia et Vino.

Venetis, 4to.

Bibl. Linn. Soc.

1642. SPERLING, J. De Uva, Musto ac Vino. Wittebergæ, 4to.

1661. SACHS VON LEWENHAIMB, P. J. 'Αμπελογραφία, seu Vitis viniferae ejusque partium consideratio physico-philologico-historico-medico-chymica, in qua tum de Vite in genere quum in specie, de ejus pampinis, flore, lachryma, sarmentis, fructu, Vini multifario usu, de spiritu vini, aceto, vini fece et tartaro, &c. Lipsiæ, 8vo, pp. 670, præf. pp. 70.

Bibl. Med. Soc. Lond.; Banks.

Præter historiam naturalem vitis et vini collectitiam, longissimo sermone agit de vino admirando et multiplici in arte medica usu. Vini noxæ. Vina artificialia. Similis historia spiritus vini, aceti, tartari, &c.—*Haller, Bibl. Med. Pract.*, iii, p. 107.

1666. HEBING, J. E. *De Uva.

Wittebergæ, 4to, pp. 24.

Bibl. Banks.

1683. CALDENBACH, C. *De Vite.

Tubingæ, 4to, pp. 20.

Bibl. Banks.

1826. DERNERSON, L. Histoire naturelle de la Vigne et du Vin.

Paris, 12mo.

Notes.—There are several other works on the vine, but they are mainly horticultural.

THE GRAPE CURE.

1843. HIRSCH, M. Die Weintraubenkur und die Art ihrer Anwendung. Mainz, 8vo. English transl. by M. C. Heidelberg, 1846, 8vo.

1860. CURCHOD, H. Étude théorique et pratique sur la Cure des Raisins, étudiée plus spécialement à Vevey, &c.

Vevey, Paris, 8vo, pp. 132, tab. 7.

Table of Contents: History and bibliography—The Vine in Switzerland—The Grape and its composition—Examination of the principal elements found in the grape—Its physiological action—Its therapeutic employment—Manner of taking the grape cure—Vevey considered as a place of cure, &c.

“A very useful guide to the ‘grape cure’ as practised at one of the most agreeable places to which the valetudinarian can proceed.”—*Brit. and For. Med.-Chir. Rev.*, Jan., 1861, p. 174.

1860. CARRIÈRE, E. Les Cures de Petit-lait et de Raisin en Allemagne et en Suisse, &c. Paris, 8vo, pp. 240.

1860. HERPIN, J. C. Du Raisin considéré comme médicament ou de la Médication par les Raisins. Paris, 12mo, pp. 36.

1865. HERPIN, J. C. Du Raisin et de ses applications thérapeutiques, études sur la médication par les raisins connue sous le nom de Cure aux Raisins ou Ampélothérapie. Paris, 18mo, pp. 364

Un livre à la fois scientifique et pratique traitant de l'ampélothérapie manquait, et M. Herpin a rempli cette lacune par l'ouvrage ci-dessus, traitant à la fois les questions de l'histoire naturelle des différents cépages, la composition chimique des raisins, leurs propriétés physiologiques, et enfin donnant les applications pratiques, et les heureux résultats qu'on peut retirer de cette médication.—*Bulletin Bibliographique*, 1864-5, p. 165.

WARBURG'S DROPS.

1847. Pharmakologische Notizen über die Wirkung und den Gebrauch der Dr. Warburg'schen vegetabilischen Fieber-tinctur. Wien, 8vo, pp. 24.

1849. Official documents relative to the trials of Warburg's Fever Tincture (Tinctura Warburgi) in cases of Intermittent and other Fevers, instituted by order of the Austrian Government. Translated from the German. London, 8vo, pp. 87.

1869. The Warburg Tincture. London, 8vo, pp. 59.

These pamphlets contain numerous official documents to prove the remarkable curative power of Warburg Tincture in fever, especially in those of tropical climates, its superiority to quinine, both as regards efficacy and economy, and its value as a tonic in debility and convalescence. See notice in *Dublin Quart. Journ. Med. Sci.*, February, 1869, p. 187.

WINTERI CORTEX. Winter's Bark.

1711. SILTEMANN, J. B. *De Cortice Winterano. Erfordis, 4to, pp. 24. *Bibl. Banks.*

1760. HARSLEBEN, C. F. *De Cortice Winterano [et Canella alba.] Francof. ad Viad. 4to, pp. 36. *Bibl. Banks.*

A full account of this bark, with a botanical description (and plate) by Dr. Solander, and some experiments by Dr. M. Morris, was published by Dr. J. Fothergill in the fifth volume of 'Medical Obs. and Inquiries.' It is reproduced in Fothergill's 'Collected Works,' ed. 1782, p. 406.

ZANTHOXYLUM SORBIFOLIUM, St. Hil.

1874. MICHELLY, —. Des propriétés de l'écorce du Zanthoxylum sorbifolium. Paris, 8vo, pp. 7.

ZINCUM, INCLUDING THE CARBONATE, OXIDE AND SULPHATE OF ZINC.

1741. POTT, J. H. Observationes chymicæ circa Zincum, Boracem, &c. Berolini, 4to. *Bibl. Med.-Chir. Soc.*

1771. WIEL, J. P. *Observationes de usu interno Nucis Vomicæ et Vitrioli albi in pertinacibus morbis curandis conspicuo.* Wittembergæ, 4to. *Bibl. Acad. Edin.*
1772. HART, J. *De Zinco, ejusque florum usu medico, observationibus confirmato. Lugd. Bat. 4to. (Idem in *Schlegel, Thes. Mat. Med.*, vol. iii, art. 35, p. 235.)
Bibl. Med.-Chir. Soc. (Schlegel).
The work is divided into three chapters: i, on the nature and origin of zinc in general; ii, on the preparation and properties of its flowers (sulphate of zinc); and iii, on their use in medicine, principally when taken internally. In the latter, the author observes that "the flowers of zinc" had long been used externally in certain eye affections, but that it had never been advised internally by any one except Glauber, till Dr. Gaubius (*Adversaria varii Argumenti*, Lugd. Bat. 1771), discovered it to be the remedy employed by the famous empiric Luddemannus, under the title of *Luna fixata*. After this, he exhibited it with success in the cure of convulsive and spasmodic diseases, notably in epilepsy. Seven cases are adduced by Dr. Hart with the view of confirming the antispasmodic virtues ascribed to this remedy by Dr. Gaubius in his *Adversaria*.—*Duncan's Med. Commentaries*, 1774, vol. i, p. 76.
1776. HURLEBUSCH, G. L. *De Zinco medico. Helmst. 4to, pp. 44. (Idem in *Schlegel, Thes. Mat. Med.*, vol. iii, art. 36, p. 269.)
Bibl. Banks; Med.-Chir. Soc. (Schlegel).
1778. HARTMANN, P. I. *De Zinci florum usu interno. Traject. ad Viad. 4to. (Idem in *Schlegel, Thes. Mat. Med.*, iii, art. 37, p. 301.)
Bibl. Med.-Chir. Soc. (Schlegel).
1779. BERGMANN, T. *De Zinco. Resp. B. R. Geyer. Upsaliæ, 8vo.
1780. MARTINI, M. D. *Diss. de Zinco medico recentius observata sistens. Helmstadii, 4to. (Idem in *Schlegel, Thes. Mat. Med.*, vol. iii, art. 38, p. 329.)
Bibl. Med.-Chir. Soc. (Schlegel).
1784. GELLER, E. H. *Diss. Zincum chemicum inquirens. Jenæ, 4to, pp. 30.
1787. WITHEB, T. *Abhandlung von der Engbrüstigkeit und den Heilkräften der Zinkblumen, &c.* Aus d. Engl. von Chr. F. Michaelis. Leipzig, 8vo.
1787. STOLTE, C. H. *De Vitriolo albo, ejusque usu medico et chirurgico.* Gottingæ, 8vo. Ibid. 1792. (Idem in *Schlegel, Thes. Mat. Med.*, vol. i, p. 327-362.)
Bibl. Coll. Surg. Lond.; Coll. Phys. Edin.; Med.-Chir. Soc. (Schlegel).
The author has bestowed much labour on this thesis, and has brought together from a variety of sources all that had been written on the medical and surgical uses of the sulphate of zinc. From the enumeration of the diseases in which it had been successfully employed it would appear to be almost a "catholicon"!
1788. FUCHS, G. F. C. *Histoire du Zinc, de ses rapports avec les autres corps, et de son usage dans la médecine et dans les arts (en Allemand).* Erfurt, 8vo.

1791. KOHLMANN, E. H. A. *Observationes clinicæ quarum ope
Florum Zinci vires in morbis Asthmaticis examinantur.
Erfordisæ, 4to, pp. 19.
1792. KERCKSIG, F. D. *Vide* "Bismuthum," 1792.
1796. BRUNNEMANN, C. G. F. *De præcipuis Zinci calcibus, earum-
que in utraque medicina usu. Præs. A. M. Birnholz.
Lipsiæ, 4to, pp. 26.
1800. PENKZIN, C. F. *De effectibus florum Zinci. Præs. B. C.
Otto. Francof. ad Viad. 8vo.
1802. FRONMÜLLER, J. C. *De Zinci singulari indole chemica.
Erlangæ, 8vo, pp. 38.
1812. KERST, C. F. A. *De Zinco ejusque usu medico præcipue in
Chorea sancti Viti. Jenæ, 4to, pp. 24.
1826. SARTORIUS, G. von, und MONHEIM, J. P. J. Med.-chem. Un-
tersuchung zweier Zink-Vergiftungen. Cöln und Aschen, 8vo.
1830. KÜHN, O. B. *De Sulphate Zincico. Lipsiæ, 8vo, pp. 12.
1841. STEENKISTE, C. VAN. Sur l'efficacité de la Suie de bois, unie
au Sulfate de Zinc dans le traitement des Maladies de la Peau.
Bruges, 8vo.
1842. ORFILA, M. J. B. Mémoire sur l'absorption des sels de Plomb
...de Zinc, &c. Paris, 8vo, pp. 20.
1870. VOISIN, A. Contribution à la thérapeutique de l'Épilepsie
par les préparations de Cuivre et de Zinc. Paris, 8vo, pp. 15.
1874. PUYGANTHIER, H. *De l'emploi de l'Oxyde de Zinc dans le
traitement de la Diarrhée. Paris, 4to.

ZINCI CHLORIDUM.

Chloride of Zinc.

1808. ALTHEBE, P. *De usu medicinali Zinci Muriatici.
Dorpati, 8vo, pp. 52.
1835. CANQUOIN, —. Mémoire sur un nouveau mode de traitement
des Affections Cancéreuses. Paris, 8vo, pp. 26.
Advocates the use of a paste of the chloride of zinc as a local application.
1836. BUREAUD-BIOFFREY, A. M. New treatment of Malignant
Diseases and Cancer, without incision, by caustics, principally the
Chloride of Zinc. London, 8vo, pp. 78. *Bibl. Med.-Chir. Soc.*
1843. SCHRÖDER, T. *De Zinco Muriatico. Lipsiæ, 8vo, pp. 70.
1851. HELLMANN, C. Diss. de Zinco Chlorato.
Gryphiswaldæ, 8vo, pp. 24.
1859. SALMON, A., et MANNOURY, —. Recherches expérimentales
et cliniques sur les caustiques, Potasse, et Chlorure de Zinc.
Paris, 8vo, pp. 54.

1862. HENDRIE, J. Chloride of Zinc in Cancer. Manchester, 8vo.
Bibl. Manchester Med. Soc.
1866. MORGAN, CAMPBELL DE. On the use of the Chloride of Zinc in surgical operations and injuries, and especially in operations for the removal of Cancerous Tumours. (Ex. in *Brit. and For. Med.-Chir. Rev.*, Jan., 1866, p. 201-214.) London, 8vo.
The author's remarks on the use of this caustic and on the cases adapted for its employment are interesting and judicious.
1874. SIMBAT, P. *Sur l'emploi du Chlorure de Zinc dans le traitement des Fistules. Paris, 4to.
1875. FRANCHIS, R. *De l'emploi du Chlorure de Zinc dans quelques affections cutanées (Adénites scrofuleuses et Syphilide tuberculo-ulcéreuse). Paris, 4to.

ZINCI LACTAS.

Lactate of Zinc.

1856. CASTELAR, —. *Études sur le Lactate de Zinc. Paris, 4to, pp. 24.
1856. HERPIN, T. Études sur le Lactate de Zinc dans l'Épilepsie. Batignolles, 8vo.

ZINCI PHOSPHAS.

Phosphate of Zinc.

1868. DEMAGNY, G. *Quelques considérations sur le Phosphure de Zinc. Paris, 4to.

ZINCI VALERIANAS.

Valerianate of Zinc.

1844. GALVANI, A. Considerazioni e metodo di preparazione del Valerato di Zinco. Venezia. *Bibl. Manchester Med. Soc.*
1856. OURGAUD, —. De la Sidérose ou Choléra morbus et de son traitement par la Valérianate de Zinc. Paris, 8vo, pp. 34.
For some interesting remarks on the therapeutic uses of the valerianate of zinc by Drs. Fario, Devay, and others, see *Edin. Monthly Journ. of Med. Sci.*, Jan. 1845, p. 67, seq.

ZINGIBER.

Ginger.

1723. GESNER, J. A. *Diss. de Zingibere. Altdorfii, 4to, pp. 32.
Bibl. Banks.

APPENDIX
CONTAINING THE BIBLIOGRAPHY OF
WATER,
SEA-WATER,
AND
MINERAL WATERS OF GREAT BRITAIN.



WATER.

WATER.

(Exclusive of systematic Treatises on Baths and of Works relating to Hydropathy.)

1542. BLONDUS, M. A. De partibus ictu sectis citissime sanandis et medicamento Aquæ nuper invento, &c. Venetiis, 8vo.
1550. ROT, S. De salubritate lotionum capitis, et balneorum Aquæ dulcis. Lipsiæ, 4to.
1559. CARDAN, H. Opuscula artem medicam exercentibus utilissima. Basileæ, folio. Redit. in ejus Opera Omnia cura C. Sponii. Lugd. Bat. 1663, 10 vols. folio.
- Cardan appears to have been a great "water doctor." Haller, commenting on his 'Opuscula,' observes:—"Valde laudat aquæ usum. Lixivio caput lavare, deinde frigidam superfundere jubet, id sibi felicissime succedere... Noster sola aqua ter febrem ardentem curavit, eam aquam sursum et deorsum purgare: in febre pestilenti ac hectica summum esse remedium.—Haller, *Bibl. Med. Pract.*, ii, p. 20.
1570. PALATIUS, P. De vera methodo quibuscumque Vulneribus medendi cum Aqua simplici, &c., constat. Perusiæ, 8vo.
1591. NEHEMIAS, A. Methodus medendi universalis per sanguinis emissionem, &c. De tempore Aquæ frigidæ in Febris ardentibus ad satietatem exhibendæ. Venetiis, 4to. Alt. ed. 1604, 1605.
1604. COSTEUS, J. De potu in morbis tractatus, in quo de Aquis, Vino, &c., disseritur. Papiæ, 4to.
1616. XIMENES, F. Tratado de la grande excelencia de la Agua, y de sus maravillas virtudes calidades y election; y de buen uso de rafriar con nieve. Seville, 4to.
1623. CASERTA, F. A. Tract. duæ. 1. De natura et usu Aquarum potabilium, tum in sanis tum in ægris corporibus. 2. De natura et usu Vinorum tum in sanis, tum in ægrotis. Neapol. 4to. English transl. (of Tract 1), London, 1814, 8vo. *Bibl. Roy.*
1626. (Anon.) *Traité des vertus médicinales signalées de l'Eau commune.* Paris, 12mo.
1629. GUTTIERREZ DE GODOY, J. Quæstio medico-practica de administranda Aqua nive refrigerata ægroto die expurgationis. Granat. 4to.
1637. CARDOSA, F. Utilidades del Agua, y de la nieve, del beber frio y caliente. Madrit, 8vo.

1645. HERILACUS, P. *Aquarum natura et facultates, vinorum et aquarum effectus comparati.* Francof. 12mo.
Bibl. Med.-Chir. Soc.; Radcliffe.
1649. HEYDEN, H. VAN DER. *Discursus: 1. Seri Lactis. 2. Aquæ frigidæ inter inauditos ac incredibiles alios effectus. Podagræ dolores vel sistentis vel mirabiliter demulcentis, ac Ischiadicos novitios penitus extirpantis, ac secure absque omni suppuratione et defiguratione, primo apparatu persanantis Vulnura, &c.* Gandavi, 12mo. English transl. London, 1653.
Bibl. Coll. Phys. Lond.
1656. SHORT, R. *Of Drinking Water, and of Warm Drink.* London, 12mo.
Bibl. Med. Soc. Lond.
1660. ULACVELD, J. *Hydropota, ἐλεγχόμενος, seu refutatio falsissimæ opinionis, qua Aquæ frigidæ potum etiam illo cerevisiæ salubriorem esse contendit Galenus de Haen.* Harlem, 4to.
1675. CORBEE, P. *Tractatus de modo cibandi...de Aquæ frigidæ usu, &c.* Romæ, 4to.
1684. MONEGLIA, J. A. *De Aquæ usu medico in Febris.* Florent. 12mo.
Bibl. Coll. Phys. Lond.
1689. MEIBOMIUS, H. **De Aquæ calidæ potu.* Resp. B. D. Behrens. Helmstad. 4to.
Bibl. Med. Soc. Lond. (sub nom. Behrens).
Laudat in colica, in malo hysterico, in podagra, in asthmate, in phthisi in urgente siti febris tertianæ.—Haller, *Bibl. Med. Pract.*, iii, p. 160.
1691. BROWNE, A. *New Cure for Fevers (Water).* Edin. 12mo.
Bibl. Med. Soc. Edin.
1706. BROWNE, A. *Account of the wonderful cures performed by the Cold Baths, with advice to water drinkers.* London, 12mo.
Bibl. Med.-Chir. Soc.
1712. HOFFMANN, F. **Diss. de Aqua medicina universali.* Halsæ, 4to.
1716. HOFFMANN, F. **Diss. de Aquæ natura ac virtute in medendo.* Halsæ, 4to.
In addition to the above, there are several other dissertations on water and its uses, by F. Hoffmann.
1722. HANCOCKE, J. (D.D.). *Febrifugum Magnum, or Common Water, the best cure for Fevers, and probably for the Plague.* London, 8vo. Seventh ed. 1724. German transl. by E. F. Oertel, Stuttgart, 12mo, 1834. French transl. by J. P. Niceron. Paris, 1822? 12mo.
Bibl. Med.-Chir. Soc.
This work gave rise to a large number of anonymous and other pamphlets, some of which are mentioned below.
1722. TODARUS, J. *Aquæ frigidæ vindicatio.* Panmori, 4to.
Bibl. Lond. Med. Soc.
1723. GABRIEL, JOHN ("a seventh son, and teacher of the occult sciences in Yorkshire"). *Flagellum, or a dry Answer to Dr. Hancocke's wonderfully comical liquid book.* London, 8vo.
Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.

1723. SMITH, J. The curiosities of Common Water, or advantages thereof in distempers. Second ed. London, 8vo. Sixth ed. 1724. French transl. Paris, 1726, 8vo. German transl. Leipzig, 1784, 8vo. Dutch transl. Amst. 1726, 8vo.
Bibl. Med.-Chir. Soc.; Roy. (French and Dutch transl.)
1723. VERDRIES, J. M. *De Aquæ frigidioris potu utili et noxio in Febribus ardentibus. Giessæ, 4to.
1724. HEYDEN, H. VAN DER. Arthritifugum magnum, a discourse on the wonderful virtues of Cold Water in gout, stone, palsey, &c. Second ed. London, 8vo. *Bibl. Med.-Chir. Soc.*
This appears to be a popular English adaptation of the work of H. van der Heyden, 1649.
1725. SHORT, T. A rational discourse on the inward uses of Water. London, 8vo. *Bibl. Coll. Surg. Lond.; Lond. Med. Soc.*
1725. VALLISNERI, A. Dell' uso e dell' abuso delle bevande e bagnature calde e fredde, &c. Modène, 4to.
Bibl. Med. Soc. Lond.
Vallisnerus morem medicorum Neapolitanorum et Melitensium impugnat qui et in sanis et in febribus aquas nive temperatas propinant. Contra balnea frigida. Perinde multis epistolis calidi vini usus commendat.—*Haller, Bibl. Med. Pract.*, iv, p. 194.
1726. HANCOCKE, —. Febrifugum Magnum, Morbifugum Magnum, or Common Water good for many distempers not mentioned in Hancocke's 'Febrifugum Magnum.' London, 8vo.
Bibl. Med.-Chir. Soc.
1726. NOGUEZ, —. The physical use of Common Water recommended from France. London, 8vo. *Bibl. Med.-Chir. Soc.*
1727. CRESCENZO, N. Ragionamenti intorno alla nuova Medicina dell' Acqua. Napoli, 4to. Idem, Verona, 8vo, 1741.
Bibl. Lond. Med. Soc.
1730. BOUDON, —. Les vertus médicinales de l'Eau commune ou Recueil des meilleures pièces, &c. Paris, 2 vols. 12mo.
These volumes contain thirteen dissertations on water, including those of Hoffmann, Hancocke, Smith, &c.—*Mérot et De Lens.*
1732. LAMORIER, L. De l'usage de l'Eau commune en chirurgie. Paris.
1733. SANCASSANI, D. A. De utilitate Aquæ frigidæ. Venet. 4to.
1735. MALMEDIE, J. B. DE. De natura Aquæ et quænam sit saluberrima. Augustæ, 8vo. *Bibl. Roy.*
1737. ROGISS, C. G. Specimen de Aquæ salutari in forum medicum influxu et fere optimo contra universos morbos præsidio. Wratisl. 4to. *Bibl. Roy.*
1740. FISCHER, D. De remedio rusticano: Variolas per balneum primo Aquæ dulcis, post vero Seri Lactis feliciter curandi, in Comitatu Arvensi Hungariæ superioris, cum optimo successu adhibito, commentatio. Erfordiæ, 4to. *Bibl. Roy.*

1741. CARL, S. *Medicina universalis in Wasser und Massigkeit.*
Koppehn. 8vo.
1743. COCCHI, A. *Diss. sopra l'uso esterno appresso gli antichi dell' Acqua fredda sul corpo umano.* Firenze, 12mo.
Bibl. Med. Soc. Lond.
1743. HAHN, J. S. *Unterricht von der Kraft und Wirkung des frischen Wassers in die Leibe der Menschen.* Breslau, 4to. Idem, Breslau und Leipzig, 1754; Nürnberg, 1834; Weimar, 1839.
1747. HOFFMANN, J. A. *Diss. de usu et virtute Aquæ simplicis.*
Herborn, 4to.
1752. SMOLLETT, T. *An Essay on the external use of Water.*
London, 4to. Alt. ed. 1767-1770. *Bibl. Med.-Chir. Soc.*
1754. BONIS, J. B. DE. *Hydropsia sive de potu Aquæ in morbis libri quatuor.*
Neapol. 4to.
- 1756-1758. LUCAS, C. *An Essay on Waters in three parts, treating 1st, of simple Waters, 2nd, of cold medicated Waters, and 3rd, of natural Baths.* London, 3 vols. 8vo. French transl. Liege, 1765, 8vo. German transl. by J. C. Zeiher, Altenburg, 1768-69, 3 vols. 8vo.
Bibl. Coll. Phys. Edin.
- A very superior work; in it Lucas displays so much clear sightedness and knowledge of the then state of chemistry that we cannot help regarding him as one of the ablest chemists of that day in Ireland.—*Sullivan, in Dublin Quart. Journ. Med. Sci.*, viii, p. 477.
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1762. LUDWIG, C. G. *Programma de Aquarum bonitate a magistratu curanda.*
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1767. GLASS, T. *On Smallpox...and on Cold Air and Cold Water in Putrid Fevers.* London, 8vo.
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1776. MONETA, C. J. VON. Abhandlung dass die Kälte und das kalte Wasser in Katarrhalkrankheiten wahre Heilmittel sind. Warschau, 8vo.
1778. ATHILL, S. B. *De usu Aquæ frigidæ externo. Edin. 8vo. *Bibl. Med.-Chir. Soc. ; Coll. Phys. Edin.*
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1783. MACQUART, L. C. B. Manuel sur les propriétés de l'Eau, particulièrement dans l'art de guérir. Paris, 8vo. *Bibl. Roy.*
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1790. LEWIS, P. Philosophical inquiry into the nature and properties of common Water, with observations on its medical qualities. London, 8vo. German transl. Stendal, 1792, 8vo.
1793. MUSTOPH, A. F. De usu Aquarum medico. Gottingæ, 8vo. *Bibl. Roy.*
1797. CURRIE, J. Medical Reports on the effects of Water, cold and warm, as a remedy in Fever and febrile diseases, whether applied to the surface of the body or used internally. Liverpool, 8vo. Has been through several editions; 5th, 1814. German transl. by C. F. Michaëlis and F. H. Hegewisch, 2 vols. 8vo, Leipzig, 1801-1807. *Bibl. Med.-Chir. Soc.*

A standard work of considerable merit in every point of view. To Dr. Currie is due the credit of having been the first, in Great Britain at least, to introduce the practice of employing cold affusion in fevers, and although his views and practice met at the time with considerable opposition, subsequent recent experience has shown conclusively that they were based on solid and scientific basis.

1797. ZELLE v. ZELLERBERG, S. On Cold Water in Surgery (to wounds, hæmorrhages, &c.) *Vide* "Spongia," 1797.
1799. SILVA, H. M. DA. *De externa, præcipue in Febribus, Aquæ frigidæ applicatione. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1802. TRAILL, T. S. *De usu externo Aquæ frigidæ in Typho. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
- 1803 (Ann. xi.) CANAT, B. J. Observations sur l'usage tant intérieur qu'extérieur de l'Eau froide et de la Glace dans les maladies internes, d'après la pratique des auteurs anciens et modernes les plus célèbres. Montpellier, 4to, pp. 67.
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1804. EDLIN, A. An account of two cases of Gout which terminated in death in consequence of the external use of Ice and Cold Water. Uxbridge, 12mo, pp. 24.
This pamphlet contains in fact but one case upon the authority of Mr. Edlin's personal experience; for the second, which is mentioned in a note, is merely given from the recollection of two old women, and occurred thirty years previously! In the former, the cold application was speedily and effectually beneficial, for it entirely removed the pain in less than three hours, but palpitation, &c., is said to have supervened in a few hours, and having recurred once in the interval of a week, a third attack then proved fatal! A reply was published by Dr. R. Kinglake. Taunton, 8vo, 1804. See notices of both pamphlets in *Edin. Med. Surg. Journ.*, vol. i, 1801. p. 209.
1804. KEITH, J. *De Aquæ in Febre continua usu externo. Edin. 8vo. *Bibl. Coll. Phys. Edin.*
1805. STOCK, J. E. Medical collections on the effects of Cold as a remedy in certain diseases. With an Appendix containing an account of some experiments made with a view to ascertain the effects of Cold Water upon the pulse. London, 8vo, pp. 200. *Bibl. Med.-Chir. Soc.*
1805. MALLONAY, D. T. *De usu Aquæ frigidæ in Febribus. Edin. 8vo. *Bibl. Manchester Med. Soc.*
1805. FAULEAU, —. *Avantages de l'Eau dans l'empoisonnement par les substances minérales. Paris, 8vo.
1806. GOMES, B. A. Methodo de curaro Tyfo, ou febres malignas contagiosas, pela effusão d'Agua fria, &c. Lisboa, 8vo.
1808. JACKSON, R. An Exposition of the practice of affusing Cold Water on the surface of the body as a remedy of Fever, to which are added some Remarks on the effects of cold drinks, &c. London, 8vo, pp. 429. *Bibl. Med.-Chir. Soc.*
Dr. Jackson differs from Dr. Currie on two points:—1. He considers "susceptibility of impression," whatever that may mean, as a better indication of the propriety of cold affusion in fever than an increased temperature of the surface, advocated by Dr. Currie; and—2. He regards "aspersion," i. e. sprinkling the surface with cold water as preferable, under certain circumstances, to general affusion as practised by Currie. For consideration of

- these views see *Edinb. Med. Surg. Journ.*, v, 1809, p. 112, and *London Med. Phys. Journ.*, xx, 1808, pp. 81 and 164.
1808. KENNEDY, R. *De Aquæ natura atque usu. Edin. 8vo.
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1808. KOLBANY, P. Beobachtungen über den Nutzen des lauen und kalten Wassers im Scharlachfieber. Presburg, 2 vols. 8vo.
1809. CHANDRU, J. *Diss. sur l'usage de l'Eau comme moyen curatif. Paris, 4to.
1809. KERN, V. Avis aux chirurgiens pour les engager à accepter et à introduire une méthode plus simple, plus naturelle et moins dispendieuse dans le pansement des blessés. Vienne, 8vo, pp. 22. German transl. by J. B. Schaul, Stuttgart, 1810, 8vo, pp. 24. Recommends universally cold or tepid water, with rest, as the sole dressing for wounds, to the exclusion of all other cleansing applications.—See *Edin. Med. Surg. Journ.*, April, 1817, p. 149.
1810. FLATOW, A. F. *De Aquæ frigidæ usu in Scarlatina. Halæ, 8vo, pp. 37. *Bibl. Manchester Med. Soc.*
1810. RIVIÈRE, J. L. *Considérations sur quelques-unes des propriétés de l'Eau douce. Paris, 4to, pp. 33.
1810. ZANG, C. B. Würdigung der vom Hrn. Prof. Kern in Vorschlag gebrachten neuen Methode Wunden zu heilen. Wien. 8vo, pp. 158. Criticises admirably the mode of treatment proposed by Kern.—*Edin. Med. Surg. Journ.*, April, 1817, p. 149.
1811. DE CASTRO, M. C. *De Aquæ frigidæ in Pyrexiiis usu externo. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1811. NESSI, G. Discorso intorno all' uso dell' Acqua come rimedio interno ed esterno. Pavia, 8vo. *Bibl. Med.-Chir. Soc.*
1811. ZIMMERMANN, C. J. De Aquæ frigidæ usu medico. Erlangæ, 8vo.
1812. ALLIHN, J. C. H. *De moderando Aquæ frigidæ usu externo in diversis morbis curandis. Wittemberg, 8vo.
1812. SPEER, T. C. *De natura Aquæ. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1815. SMITH, H. *De usu Aquæ frigidæ externo in Febribus. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1815. YPEY, N. *De actione frigoris in corpus humanum, potissimum Aquæ frigidæ in morbis Typhoideis. Lugd. Bat. 4to. *Bibl. Roy.*
1816. DZONDI, C. H. Ueber Verbrennungen und das einzige sichere Mittel sie in jedem Grade schnell und schmerzlos zu heilen. Halæ, 8vo. 2 Ausg. 1825.

The object of this treatise is to show that *cold water* is the first, greatest, and most powerful, nay, the only remedy, for preventing the worst consequences in cases of burns if applied timely and with perseverance. The author's conviction of its efficacy is founded partly on experiments made on animals and on himself, and partly on the success which attended the cold water treatment in practice; he also attempts to prove it *a priori*.—See Review in *London Med. Phys. Journ.*, xxxvi, 1816, p. 239-246.

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Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1817. **O'REILLY, J.** *De Aquæ frigidæ in Pyrexiiis tractandis præstantia. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1818. **SCHMIEDER, E. F. W.** *Diss. sistens Typhi stupidi Affusionibus frigidis sanati exemplum; adnexis nonnullis qua usus Aquæ frigidæ tum externis, tum internis spectant historiam, fragmentis.
Vratislaræ, 4to.
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Rostochii, 4to, pp. 40.
1818. **FRÖLICH, A.** Abhandlung vom dem auffallenden Nutzen des kalten und lauen Wassers in einigen Fieberkrankheiten und dem Scharlach.
Wien, 8vo, pp. 82.
1818. **PREVOST, J. L.** *De Balnei et Affusionis usu in quibusdam morbis. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1818. **GIANNINI, G.** Della natura della Febbri e dei metodi di curarle, &c.; sull' uso delle immersione fredde e calde, &c. Ediz. 2.
Napoli, 2 vols. 8vo.
- I am unable to ascertain the date of the first edition of this work, but it was prior to 1808, as in that year a French translation of it was published by N. Heurteloup. (Paris, 2 vols, 8vo.)
1819. **JONES, G. H.** *De usu Aquæ et methodis eam ad more servandi. Edin. 8vo. *Bibl. Edin. Coll. Phys.*
1820. **FRÖLICH, A.** Abhandlung über die kräftige, sichere und schnelle Wirkung der Uebergießungen oder der Bäder vom kaltem und lauwarmen Wasser in Faul-, Nerven-Gallen-, Brenn-, und Scharlachfieber, den Masern, und in einigen andern langwierigen Krankheiten. Wien, 8vo, pp. 294. *Bibl. Roy.*
1820. **SATTERLEY, G. B.** *De balnei usu in Febribus. Edin. 8vo. *Bibl. Manchester Med. Soc.*
1822. **DUTEURTRE, —.** Remèdes des Fièvres ordinaires, ou Mémoire sur l'emploi extérieur de l'Eau froide dans le traitement des fièvres.
Mans, 8vo, pp. 16.
1823. **BEHN, J. C. W.** *De Aquæ frigidæ usu et abusu in Febribus.
Kiliæ, 4to, pp. 26.
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1824. **MESTRE, J. A.** *Effets physiologiques immédiats de l'Eau appliquée à la surface du corps.
Paris, 4to.
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1825. WISELIUS, S. I. *De Aqua frigida ejusque actione in hominem tum sanum tum morbosum.
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Bibl. Edin. Coll. Phys.
1826. ÖRTEL, E. F. *De Aquæ frigidæ usu Celsiano.
Monachii, 4to.
1826. NOLAN, J. *De usu Aquæ in Inflammatione.
Edin. 8vo.
Bibl. Edin. Coll. Phys.
1827. DE VITRE, E. D. *De Affusione frigida in Febris curatione.
Edin. 8vo.
Bibl. Manchester Med. Soc.
1828. HENCKEL, C. F. W. *De Aquæ frigidæ in quibusdam morbis Febrilibus usu.
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1828. RYAN, M. Remarks on the supply of Water to the Metropolis; with an Account of the natural history of Water.
London, 8vo.
Bibl. Coll. Surg. Lond.
1829. BLACK, A. *De Aquæ in Febribus usu.
Edin. 8vo.
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1831. ÖRTEL, E. F. Die indische Cholera einzig und allein durch kaltes Wasser vertilgbar. Nürnberg, 4to, pp. 20. French transl. Paris, 1831, 8vo, pp. 32.
1831. ÖRTEL, E. F. Victoria! Kaltwasser hat die Cholera besiegt.
Nürnberg, 8vo, pp. 23.
1833. KNIE, J. A. De Aquæ frigidæ viribus, effectu et applicatione externa.
Dorpati, 8vo, pp. 88, tab. 1.
1834. CHANTELOU, F. *Usage de l'Eau commune en médecine.
Paris, 4to.
1834. DUVAR, J. M. *Usage de l'Eau en médecine. Paris, 4to.
1835. PHILIPPAB, J. *Emploi thérapeutique de l'Eau froide.
Paris, 4to.
1835. SCHULZE, A. Die heilsamen Wirkungen des kalten Wassers. Quedlinburg, 8vo.
1835. JOSSE, M. (*fil.*). Mélanges de Chirurgie Pratique: Emploi de l'Eau par la méthode des Affusions, &c. D'après la Clinique Chirurgicale de... M. Josse senior, &c.
Paris, 8vo, pp. 366 (plates).
- A practical work, embracing the results of very considerable experience. Cold water is the almost universal means proposed by the author as combating inflammation and its consequences. He devotes a chapter to each of the following affections in which he employed cold water with success. Erysipelas, phlegmon, burns, contused wounds, and gangrene. He has other chapters on dressing wounds (with water) and on the opening of abscesses. Analytical review in *Brit. and For. Med.-Chir. Rev.*, January, 1837, p. 114 *et seq.*
1835. MATIEGKA, F. *De Aquæ frigidæ usu quum interno, tum externo.
Pragæ, 8vo, pp. 74.

1836. ROBERTY, —. *Emploi de l'Eau froide dans le traitement des Plaies. Paris, 4to.
1836. MARTINEAU, E. *Application de l'Eau froide dans le traitement des Inflammations. Paris, 4to.
1836. ICHON, C. *De l'Irrigation continue d'Eau froide dans le traitement des Plaies des Articulations et des Tumeurs blanches. Paris, 4to, pp. 27.
1836. HEYCK, J. H. W. *De Aqua frigida secundum methodum Curricanam in Febribus adhibita. Kilia, 8vo, pp. 111.
1838. KOCH, C. A. Das kalte Wasser, &c. Leipzig, 8vo, pp. 304.
1838. LICHENTHAL, P. Idrologia medica, ossia l'Acqua commune e l'Acqua minerale, loro natura, uso diatetico e medicinale, &c. Novaro, 8vo, pp. 338.
1838. BICHTER, C. A. W. Versuch zur wissenschaftlichen Begründung der Wasserkuren. Friedland, 8vo. *Bibl. Manch. Med. Soc.*
1839. WEIGERSHEIM, N. Das Kaltwasser für immer, &c. Berlin, 8vo, pp. 83.
1839. WRIGHT, M. B. Lecture on the physiological and therapeutical uses of Water. Lexington, U.S., 8vo, pp. 23.
1839. WÜLZINGER, M. Hydrologia, oder die Heilkraft des Wassers, &c. Passau, 8vo, pp. 142.
1839. HURST, C. *On the physical, chemical, and medical properties of Water. Edin. 8vo, pp. 45.
1840. MÜLLER, J. O. Das Kaltwasser in seinen heilkräftigen Beziehungen, zur Zahnkrankheit, &c. Wien, 8vo, pp. 88.
1840. STUBE, A. *Ueber die Anwendung des Kaltenwassers. Würzburg, 8vo, pp. 71.
1840. SINGOWITZ, H. S. Die Wirkungen des kalten Wassers, &c. Berlin, 8vo.
1840. GROSS, J. L'Eau fraiche, comme excellente diététique et admirable curatif, ou des vertus médicales de l'eau fraiche et de son usage, &c., trad. de l'Allemand. Leipsic, 8vo.
1842. MALGAIGNE, J. F. De l'Irrigation dans les maladies chirurgicales. Paris, 8vo, pp. 75.
1843. WEATHERHEAD, G. H. On the cure of Gout and Rheumatism by Cold Water. Second ed. London, 8vo. *Bibl. Med.-Chir. Soc.*
1844. GÜNTHER, G. B. Nonnulli de externo Aquæ usi in morbis chirurgicis usu aphorismi. Lipsiæ, 4to, pp. 7.
1844. WEEKES, H. The Warm Water remedy. A treatise on the Warm, Vapour, and Medicated Baths, with directions for their use, &c. London, 12mo.

This is a mere *brochure*, containing very little either of novelty or interest; the portion which is most interesting is that which relates to the "medicated bath."—*London Med. Gazette*, January 5th, 1844, p. 455. Notwithstanding the above condemnation, the same journal gives a long

extract from the work on the subject of medicated baths, which appears to me to be very interesting and to afford some useful hints on the subject of fumigation.

1845. MAYO, H. *The Water Cure, its use and misuse examined.*

London, 8vo.

From the ignorant promulgator of such a system (as Hydropathy) we cannot expect to learn its real value, but when an enlightened and duly qualified person comes to devote himself to its examination, we then get possession of facts, well observed, showing what is true and what false about it...From Dr. Mayo's observations it is evident that he has stripped the water cure of its preposterous extravagances, both in pretension and practice, and that it becomes in his hands nothing more than "a more extended and scientific use of cold bathing."—*Dublin Journ. Med. Sci.*, xxviii, 1845, p. 123.

1847. ZIPFERLEN, J. B. *Wirkung und Anwendung des kalten Wassers im Allgemeinen, &c.*

Hanau, 8vo, pp. 212.

1847. HARTSHORNE, H. *Water versus Hydropathy; or, an Essay on Water and its true relations to medicine.*

Philadelphia, U.S., 12mo, pp. 131.

The object of this book is to inquire into the positive and proper use of water in medicine. The author's views and illustrations, though thrown together carelessly, and often loosely expressed, are in the main correct, and it is evident that had he not confined his exposition of the leading topics within too narrow limits, he would have done himself greater justice, while his general conclusion, namely, that hydropathy is a delusion of the most dangerous character, would have been even more fully sustained.—*Amer. Journ. Med. Sci.*, October, 1847, p. 444.

1847. JAENNEL, J. *Petit traité pratique des Eaux potables au point de vue de l'hygiène civile et militaire, &c.*

Bordeaux, 8vo, pp. 43, pl. 2.

1849. MULLER, A. **De l'emploi de l'Eau froide et de la Glace en chirurgie.*

Paris, 4to, pp. 36.

1849. SCHIEFERDECKER, C. C. *On the invariably successful treatment of Cholera with Water.*

Philadelphia, 8vo, pp. 32.

The production of a German hydropathist. The author's own experience appears to have been very small, but he quotes largely from "the immortal V. Priessnitz," and others of the same class.—*Lancet*, April 20th, 1850, p. 479.

1850. AMUSSAT, A. A. **De l'emploi de l'Eau en chirurgie.* Paris, 4to, pp. 90. English transl. by Dr. F. H. Hamilton, Buffalo, U.S., 1851, 8vo, pp. 62.

Contains much that is valuable and true in reference to the use of water in surgery. Though it presents nothing specially novel, or highly scientific, it is not the less a useful essay.—*Amer. Journ. Med. Sci.*, October, 1852, p. 478.

1850. BELL, J. *Dietetical and Medical Hydrology. A treatise on Baths, including cold, sea, warm, hot, vapour, gas, and mud Baths, also on the Watery Regimen, Hydropathy, and Pulmonary Inhalation, &c.*

Philadelphia, 12mo, pp. 658.

An exhaustive treatise on the various uses of water.

1850. PETRASI, C. *Die Verhütung und Heilung der Hämorrhoiden und ihre Folgekrankheiten durch Kaltwasser.*

Kiel, 8vo.

1851. PAGLIARI, G. Cenno del Dr. C. Sedillot sopra gli effetti emostatici dell' Acqua. Roma, 8vo, pp. 27.
1853. BECKER, C. Die Cholera, ihre Ursachen und ihre Heilung durch Wasser. Cöthen, 8vo, pp. 54.
1853. FRÄNKEL, L. Die Behandlung der Fieber, fieberhaften Hautausschläge und der primären Syphilis mit Wasser. Berlin, 8vo, pp. 144.
1853. COMBES, E. Del'emploi de l'Eau froide à l'extérieur comme moyen hygiénique et reconstituant. Paris, 4to, pp. 30.
1854. BULLEY, F. A. Account of some cases of Epidemic Cholera successfully treated by Hot Water applications. London, 8vo, pp. 34.
The treatment advocated in this pamphlet is based on the principle laid down by Brown-Séguard, that diminution of temperature is the proximate cause of death in cases of poisoning. The object of treatment in cholera, therefore, the author contends, should be to maintain the temperature, and for this purpose he advocates hot-water packing, and he relates six cases successfully treated by this method, the only adjunct being some aromatic medicines internally.—*Med. Circular*, December, 1852, p. 432.
1854. DAVIOT, L. *De l'emploi de l'Eau dans les maladies chirurgicales. Paris, 4to, pp. 38.
1855. BINZ, C. Analecta de Aqua pura therapeutice adhibenda. Bonn, 8vo, pp. 33.
1855. RICHTER, C. A. W. Die Cholera durch kaltes Wasser zu verhüten und zu heilen. Berlin, 8vo, pp. 14.
1856. CORDONNIER, O. *L'influence de l'Eau prise comme boisson sur l'homme sain et sur l'homme malade. Paris, 4to, pp. 46.
1856. LEVY, E. *De l'emploi des Affusions froides dans le traitement de la Méningite. Strasbourg, 4to, pp. 44.
1858. DAUVERGNE, —. Du traitement des Fièvres Intermittentes rebelles par l'Eau froide, au moyen des procédés les plus simples et les plus faciles. (Ex *Bull. Gén. de Thérapeutique*.) Batignolles, 8vo, pp. 8.
1858. PREISS, E. Physiologische Untersuchungen über die Wirkungen des kalten Wassers im Bereiche des Nervensystems, &c. Berlin, 8vo.
1858. JONES, H. BENGE, et DICKINSON, W. H. Recherches sur l'effet produit sur la circulation par l'application prolongée de l'Eau froide à la surface du corps de l'homme. Paris, 8vo.
Bibl. Med.-Chir. Soc.
1859. BROCARD, C. C. V. Du Bain, de la douche et des affusions froides dans le traitement de la Folie. Paris, 4to, pp. 66.
1859. DELMAS, P. *Recherches historiques et critiques sur l'emploi de l'Eau en médecine et en chirurgie. Paris, 4to, pp. 182.
A very full and complete memoir, especially the historical portion.
1861. CUSON, H. *Des indications et contre-indications de l'emploi de l'Eau froide dans les Maladies de l'Utérus. Montpellier, 4to, pp. 72.

1861. BRAND, E. *Die Hydrotherapie des Typhus*. Stettin, 8vo, pp. 309. *Ibid.*? 1863.

The man who restored to honour the treatment of the pyrexias, and especially of typhoid fever by cold water, was Ernest Brand, of Stettin. His treatment as set forth in the above work constituted a true method in the vigorous and dogmatic acceptance of the word, consisting of the regular and systematic administration of cool baths (20° C. or 68° F.) at least eight times in the 24 hours (a bath every three hours, night as well as day), with or without cold affusion on the head, each bath 15 minutes in duration. Liebermeister, in speaking of Brand's book, whilst acknowledging the decisive impulse which it has given to the therapeutics of febrile affections, regrets to find in it a too ardent and enthusiastic proselytism.—Prof. Béhier in *Practitioner*, Feb., 1874, p. 84.

- 1862? NETTER, A. *Du traitement du Choléra par l'administration coup sur coup d'énormes quantités de boissons aqueuses*.

Paris, 8vo.

1862. LATR, J. M. **De l'emploi de l'Eau en chirurgie*.

Montpellier, 4to, pp. 66.

1863. MARSH, J. C. LOBY. *Special Therapeutics: an Investigation into the treatment of Acute and Chronic Diseases by the application of Water, the Hot-Air Bath, and Inhalation*.

London, 8vo, pp. 130.

A considerable portion of this book consists of a review of the work of Dr. Currie (1797), which, according to Dr. Marsh, "has unfortunately been too little read and appreciated by the profession, though thoroughly scientific and practical." In this, as in many other works of the same class, too much stress is laid upon the salutary effects of the water, and too little on concomitant treatment. The latter, however, in many instances under Dr. Marsh's care, was by no means insignificant; e.g. in a case of "acute laryngitis, in which the wet blankets were used with great benefit," the constitutional treatment consisted of tartar emetic and salines, "repeated every hour," with an "occasional dose" of calomel and colocynth, leeches to the throat, and subsequently blisters!—*Glasgow Med. Journ.*, April, 1864, p. 99-103.

1864. RATJEN, E. **De Hydrotherapia Typhi abdominalis*.

Kiel, 4to.

1866. BANG, O. L. *Kaltes Wasser*.

Leipzig, 8vo.

1866. JÜRGENSEN, T. *Klinische Studien über die Behandlung des Abdominaltyphus mittelst des kalten Wassers*.

Kiel, 8vo, pp. 123, with woodcuts.

In this work, and in that of Liebermeister and Hagenbach, the old treatment of typhus by cold affusion, as introduced by Dr. Currie in 1797, is advocated. After three years' experience of its use in typhoid fever, Dr. Jürgensen both approves of and recommends it. For a statement of his views, see review of his work in *Edin. Med. Journ.*, March, 1869, p. 842-846.

1867. PETRI, W. *Hydrotherapie bei Typhus abdominalis*.

Coblenz, 8vo, pp. 46.

1867. TRIAIRE, P. H. **Des Irrigations continues sur les Lésions Traumatiques*.

Strasbourg, 4to.

1868. LIEBERMEISTER, C., und HAGENBACH, E. Aus der medicinischen Klinik zu Basel. Beobachtungen und Versuche über die Anwendung des kalten Wassers bei fieberhaften Krankheiten, &c. Erlangen, 8vo, pp. 172.

A volume of the highest merit, which taken with the treatises of Jürgensen (1866) and Küchenmeister (1869), forms a remarkable body of evidence on the subject of the use of cold water in fevers.—*Practitioner*, July, 1869, p. 45.

1869. KÜCHENMEISTER, F. Die therapeutische Anwendung des kalten Wassers bei fieberhaften Krankheiten. Berlin, 8vo, pp. 239.

A handy and useful summary of the results, which may be said to be guaranteed on trustworthy authority, with regard to the use of cold water in febrile affections. See review in *Practitioner*, July, 1869, p. 45-47.

1869. ZIEMSEN, H., und IMMERMANN, H. Die Kaltwasserbehandlung des Typhus abdominalis. Leipzig, 8vo, pp. 172.

A very important book.—*Practitioner*, Jan., 1870, p. 63. See also 1874.

1870. WITTHOFF, G. Methodische Anwendung des kalten Wassers in Brustkrankheiten. Wiesbaden, 8vo, pp. 56.

1870. BERGERET, L. F. E. De l'Eau; étude biologique, nosologique et hygiénique. Lyon, 8vo, pp. 40.

1870. LAMBERT, J. L. DE. *De l'emploi des Affusions froides dans le traitement de la Fièvre Typhoïde et des Fièvres Éruptives.

Paris, 4to, pp. 76.

1871. ELLIS, —. 'Pain; its alleviation, suspension, and cure; being a brief Exposition of treatment by Water at different temperatures. London? 8vo, pp. 40.

1872. HEKIMIAN, M. *Des injections hypodermiques d'Eau pure.

Paris, 4to.

1872. HULAND, F. *Sur le traitement des Pyrexies par l'Eau froide, et plus spécialement par les bains froids. Paris, 4to.

1872. ISAMBERT, N. L. *Considérations cliniques sur les bons effets de l'Irrigation continue, et des applications froides renouvelées dans le traitement des Fractures avec Plaie. Paris, 4to.

1873. DUBOUÉ, —. *Vide* "Ergot," 1873.

1873. CORTE, P. Lezioni teorico-pratiche sulla Idroterapia scientifica dette nella Università di Torino. Biella, 8vo.

1873. GROSSE, L. *De l'emploi des affusions froides comme anti-pyrétique. Montpellier, 4to, pp. 48.

1874. GLÉNARD, F. Traitement de la Fièvre Typhoïde par les bains froids. Lyon, 8vo, pp. 79, pl. i. Ibid. 1875.

In this publication Dr. Glénard has expounded Brand's system with talent, and relates observations on thirteen patients treated vigorously and in the spirit of this method. (*Vide* Brand, 1861.) His practice appears to have been very successful. For a condensed translation of this interesting paper, by Dr. W. Macewen, see *Glasgow Med. Journ.*, July, 1874, p. 370-396.

1874. BÉHIER, J. Du traitement de la Fièvre Typhoïde par les bains froids. (*Ex. Bull. de Thérapeutique.*) Paris, 8vo, pp. 15.

For an abstract of Prof. Béhier's views on the use of cold baths in typhoid

fever (which are in favour of the practice), see *Brit. and For. Med.-Chir. Rev.*, April, 1874, p. 522.

An English translation of this excellent paper or clinical lecture is given *in extenso* in *Practitioner*, Feb., 1874, p. 81-94. It contains a fair and impartial review of the writings of others, illustrated by his own clinical experience on the use of cold water in typhoid fever.

1874. RAYNAUD, M. Application de la méthode des Bains froids au traitement du Rhumatisme Cérébral. (Ex *Journ. de Thérap.*, Nov. 25, 1874.) Paris, 8vo, pp. 23.

Abstract of Dr. Raynaud's experience in *Brit. and For. Med.-Chir. Rev.*, April, 1875, p. 502. His plan of treatment differs somewhat from that of English practitioners, as he plunges the patient at once into water cooled with ice, instead of gradually cooling it while the patient is immersed.—*Ibid.*

1874. ZIEMSEN, H., und IMMERMANN, H. Die Kaltwasserbehandlung des Typhus abdominalis nach Beobachtungen aus der medicinischen Klinik zu Erlangen. Erlangen, 8vo.

The object of this book is to show the effects of cold water upon typhoid fever; to furnish statistics; to lay down exact methods of using cold water in this disease; to present statements of careful study of temperature under its use; and to afford proofs of the success which the authors claim for this mode of treatment. See analytical review in *Amer. Journ. Med. Sci.*, Jan., 1874, p. 188.

1874. LINARÈS, E. *De l'Eau froide et des Bains froids dans le traitement de la Fièvre Typhoïde. Paris, 4to.

1874. LOGEAYS, L. *Des principaux emplois de l'Eau dans les affections aiguës. Paris, 4to.

1874. MONTFORT, L. *Des Eaux potables et de leur purification. Paris, 4to.

1874. RIA, G. La Idroterapia del medico moderno, studiata secondo la fisiologia e la clinica. Napoli, 8vo.

1874. SALOMONE, C. Monografia dell' Acqua fredda e dei bagni freddi in medicina. Salerno, 8vo.

1874. HUCHARD, H. De la Fièvre et des Bains froids. 2me partie: Méthode allemande (dite de Brand) et méthode française. Paris, 8vo.

1874. BARDUZZI, D. Dell' Idroterapia nelle Febbri Tifoïdee. Forlì, 8vo.

1874. BACCOLLA, P. Hot Baths in Tetanus. *Vide* "Opium," 1874.

1874. BONDET, —. La Fièvre Typhoïde et les Bains froids à Lyon pendant l'épidémie des mois d'Avril et Mai, 1874.

- Paris, 8vo, pp. 23.

1874. LAURE, P. De l'emploi du Bain tiède de préférence au Bain froid dans le traitement de la Fièvre Typhoïde.

- Lyon, 8vo, pp. 14.

1874. LIBERMANN, —. De la valeur des Bains froids dans le traitement de la Fièvre Typhoïde, de leurs indications et contra-indications. Paris, 8vo, pp. 56.

1874. PÉCHOLIER, G. Cold affusions in Typhoid Fever. *Vide* "Creasote," 1874.
1875. SCHULTZE, F. Ueber die Resultate der Kaltwasserbehandlung des Typhus abdominalis im Krankenhause zu Heidelberg. Heidelberg, 8vo, pp. 32.
1875. BLACHEZ, —. Traitement du Rhumatisme Cérébral par les Bains froids. Paris, 8vo, pp. 19.
1875. DUBOÛÉ, —. Sur les propriétés thérapeutiques de l'Eau froide. *Vide* "General Therapeutics," 1875.
1875. DUJARDIN-BEAUMETZ, (—). Sur les indications du traitement du Rhumatisme Cérébral par les Bains froids. Paris, 8vo, pp. 7.
1875. NOUËT, P. Des complications cérébrales du Rhumatisme articulaire aigu traitées par les Bains. Paris, 8vo, pp. 48.
1875. ZINKEISEN, A. Compendium der Balneotherapie. Leipzig, 8vo, pp. 436.

N.B.—The number of works on the system called Hydropathy is very great, most of them by unprofessional men or by "Water doctors." To have included these would have been beyond our limits, but in drawing the line, it is feared that some works, especially by German writers, have been omitted which ought to have been inserted, whilst some few, purely hydropathic, have found, undesignedly, a place in the above list. From mere titles it is often extremely difficult to distinguish one class of books from another.

SEA - WATER.

As a Therapeutic Agent.

1671. BARTHOLIN, T. *Remedium europiorum ad Gangrœnam.* (Ex. in *Miscell. Acad. Nat. Cur.*, Dec. i, Ann. 2.)
Sea-water is the remedy extolled by this writer in the treatment of gangrene.
1699. LANZONI, J. *Herpes sanatus balneo Aquæ Marinæ.* (Ex. in *Miscell. Acad. Nat. Cur.*, Dec. iii, Ann. 7 et 8.)
1755. SPEED, T. *De Aqua Marina commentarius.* Oxon. 4to.
English transl. appended to "Russel on Sea Water," 1769.
Printed separately in English, Southampton, 1786, 18mo.
Bibl. Med.-Chir. Soc.
1756. RUSSEL, R. *Diss. de Tabæ Glandulari, sive de usu Aquæ Marinæ in morbis glandularum.* Cantab. 8vo.
Bibl. Acad. Edin.
1763. CARTHEUSER, J. F. *Diss. de viribus Aquæ Marinæ medicis.* Francof.-sur-l'Oder, 4to.
1769. MARET, H. *Sur l'usage des bains d'Eau douce et d'Eau de Mer. Mémoire couronné en 1767, par l'Acad. de Bordeaux.* Paris, 8vo.

1769. RUSSEL, R. Dissertation on the use of Sea Water in Diseases of the Glands, translated from the Latin; to which is appended an English transl. of "Speed on Sea Water," and "Account of the Mineral Waters of Great Britain," by W. Owen.
Fifth ed. London, 8vo. *Bibl. Med.-Chir. Soc.*

This work of Dr. Russel's was long held in high esteem, and deservedly so, as it contains much that is practically useful. The author, however, somewhat over-rates the curative powers of sea-water, and does not attach sufficient weight to the influence of season, change of air, &c., in scrofulous cases. Mr. Owen's appendix, in the fifth edition, is noticed further in art. "Mineral Waters of Great Britain."

1770. MARTEAU, P. A. Traité théorique et pratique des bains d'Eau simple et d'Eau de Mer. Amiens, 12mo. *Bibl. Roy.*

1775. WHITE, R. The use and abuse of Sea Water. London, 8vo.
Second ed. Ibid. 1779.

Bibl. Med.-Chir. Soc.; Manchester Med. Soc.

1787. KENTISH, R. Essay on Sea Bathing and the internal use of Sea Water. London, 8vo. *Bibl. Med.-Chir. Soc.*

1795. REID, T. Directions for warm and cold Sea Bathing.
London, 8vo. *Bibl. Med.-Chir. Soc.*

1795. ANDERSON, J. Practical Essay on Sea Water and Sea Bathing.
London, 8vo. *Bibl. Med.-Chir. Soc.*

1796. SCHMIDT, G. B. *De vera Aquæ Marinæ efficacia.
Francof. ad Mœn. 8vo.

1799. VOGEL, S. G. Ueber die Seebadekuren in Dobberan, &c.
Rostock, 8vo.

1804. BUCHAN, A. P. Observations concerning Sea Bathing, &c.
London, 12mo. French transl. by —. Rouxel, Paris, 1812 et
1835, 8vo. *Bibl. Med.-Chir. Soc.*

1812. LE FRANÇOIS, L. A. *Coup-d'œil médical sur l'emploi externe et interne de l'Eau de Mer. Paris, 4to.

1813. GIBNEY, J. Observations on cold and warm Sea Bathing, particularly in Scrofulous and Gouty cases.
London, 8vo, pp. 144. *Bibl. Med.-Chir. Soc.*

An interesting treatise; in it the author has brought together numerous authorities relating to his subject, and supplemented them with some original remarks derived from his own experience. See *London Med. Phys. Journ.*, xxix, 1813, p. 224.

1823. MOURGUE, C. L. Journal des Bains de Mer de Dieppe, &c.
Paris, 8vo.

1830. MOURGUE, C. L. Recherches sur les effets et le mode d'action des Bains de Mer. Paris, 8vo.

1834. HAMEAU, —. Quelques avis sur les Bains de Mer.
Bordeaux, 8vo.

1835. ASSEGOND, A. Manuel hygiénique et thérapeutique des Bains de Mer. Bruxelles, 8vo. First ed. Paris, 1824?

The introduction contains an excellent historical account of baths, with

their literature. The physico-medical information contained in the work is correct, and the style in which it is imparted light, airy, and attractive.—*London Med. Gazette*, September 12th, 1835, p. 824.

1837. D'AUMERIC, J. F. Das Seebad zu Scheveningen in Holland, &c. Cleve, 8vo.

Mérat and De Lens mention another work in Dutch by this author on sea baths, published at Harlem in 1829, and which was "crowned" by the Academy of Sciences of that city, but I am unable to find the title of it.

1841. MUHRY, C. Medicinische Fragmente, betreff.: eine Allgem. Lehre des Seebadens und der Seebäder, &c.

Hanover, 12mo, pp. 168.

The author appears to have visited many of our English bathing resorts, in order to compare their advantages with those on the Continent, See review in *London Med. Gazette*, May 21st. 1841, p. 356.

1843. PAQUIER, —. Notice sur l'Eau épurée. Paris, 12mo.

M. Paquier, *pharmacien* of Fécamp, prepared sea-water for internal use by filtering it and introducing, under pressure, three or four parts of carbonic acid. In this state, under the name of *Eau de Mer gazeuse*, it is reported to act as a purgative and to be far less disagreeable to the taste than ordinary sea water; hence to be preferable in all cases requiring the internal administration of this remedy.

1848. VERHAEGHE, L. Die Seebäder zu Ostende, ihre Wirkung und Anwendung. Berlin, 12mo, pp. 128.

1850. VERHAEGHE, L. Du traitement des Maladies Nerveuses par les Bains de Mer. Bruxelles, 8vo. 2me éd. Anvers, 1853, 8vo, pp. 92.

The author puts forth his views in a clear and concise manner, and shows the advantages to be derived, particularly in nervous complaints, from a judicious and properly conducted course of sea-bathing.—*Med. Times*, October 19th, 1850.

1851. POUGET, G. Des Bains de Mer. Recherches et observations sur l'emploi hygiénique et médical de l'Eau de Mer, &c.

Paris ? 8vo.

1851. HARTWIG, G. Das Seebad als Heilmittel gegen Nervenkrankheiten. Bruxelles, 8vo, pp. 158. English transl. London, 1853, 8vo, pp. 148. Ibid. 1861.

1852. GABBIEL, J. *Diss. de Balneis Maritimis.

Berolini, 8vo, pp. 34.

1852. NOPPE, H. De l'utilité des Bains de Mer contre les maladies et les infirmités des organes de la vie sexuelle chez la femme et les filles pubères.

Bruxelles, 8vo, pp. 114.

1852. NOPPE, H. Le Médecin des Bains de Mer, ou Manuel-guide indispensable aux baigneurs, &c.

Bruxelles, 8vo, 3me éd. Ibid. 1853.

1853. POUGET, —. Bains de Mer. Lettre sur la nécessité de l'intervention médicale dans l'emploi hygiénique, prophylactique et médical, de l'hydrothérapie maritime.

Paris, 8vo, pp. 32.

1853. QUISSAC, J. De l'abus des Bains de Mer, de leur danger, des cas où ils conviennent.

Montpellier, 8vo.

1853. RANCOULET, A. V. Coup-d'œil d'Hydrothérapie Maritime.
Bordeaux, 8vo.
1856. AFFRE, P. R. Manuel du Baignant, ou Notice Médicale sur les Bains de Mer de Biarritz : 2me. édition, revue et augmentée de considérations sur quelques maladies de la peau, de l'utérus, et sur certains cas de stérilité guéris par l'emploi judicieux des bains, des injections et des douches d'eau de mer. Paris, 12mo.
1856. LE PARMENTIER DE FRESVILLE, C. Guide du malade aux Bains de Mer, indispensable à tous ceux qui veulent les prendre avec fruit et en éviter les dangers. Paris, 12mo, pp. 52.
1857. ROCCAS, A. Des Bains de Mer, de leur action physiologique et thérapeutique, de leurs applications et de leurs divers modes d'administration. Paris, 18mo, pp. 284. 2nd. éd. Ibid. 1862.
1858. BARTHÉS, F. Études sur les Bains de Mer.
Montpellier, 8vo, pp. 104.
1858. VERHAEGHE, L. Traité pratique des Bains de Mer: résumé de vingt-cinq années d'expérience, d'observations et de pratique médicale à Ostende.
Bruxelles et Ostende, 8vo. 2me. éd. Ibid. 1862.
1860. HAMELBECK, H. G. *Diss. de Balneis Maritimis.
Berolini, 8vo, pp. 32.
1860. LEVROUX, L. G. De l'usage interne de quelques Eaux Minérales naturelles pendant les Bains de Mer comme moyen d'accroître et de compléter l'action de ces bains.
Paris, 8vo, pp. 57.
1860. HORNER, J. On the use of Sea Water and Sea Air in the hydropathic treatment of disease. London, 8vo, pp. 44.
1861. DOR, H. De l'emploi de la vase dans les Bains de Mer de la Suède. Paris, 8vo, pp. 80.
1862. SALMON, —. Coup d'œil médico-philosophique sur l'emploi de l'Eau de Mer. Saintes, 12mo, pp. 54.
1865. BROCHARD, M. Des Bains de Mer chez les enfants. Paris, 18mo, pp. 268. English transl. by W. Strange. London, 1865, 12mo.
1865. SHEPPARD, E. Bathing; how to do it, when to do it, and where to do it. London, 8vo, pp. 31.
1865. STOENENS, —. Des Bains de Mer. Bruxelles, 8vo, pp. 20.
- 1865-75. CASTOLDI, E. Relazione del trattamento fatto coi Bagni Marini negli Ospizio di Voltri e di Sestri Levante degli Scrofulosi di Milano. Milano, 12mo, pp. 28.
This record has appeared annually for several years.
1866. CLAPARÉDE, —. Étude sur les Bains de Mer. Conseils aux baigneurs. Paris, 8vo, pp. 64.
1866. CASTOLDI, E. Della diatesi Scrofulosa e suo trattamento mediante i Bagni Marini. Milano, 16mo, pp. 341.

1867. MIRAMONT, E. DE. Vingt années d'expérience aux Bains de Mer. Guide médical et hygiénique aux Bains de Mer.
Paris, 18mo, pp. 108.
1867. SICARD, E. Étude microscopique sur l'Eau de Mer, considérée au point de vue médical.
Marseille, 8vo, pp. 23.
1868. DUPOUY, A. Étude sur l'action physiologique et thérapeutique des Bains de Mer froids.
Paris, 8vo, pp. 50.
1868. MARTIN, L. T. Des lotions froides et des Bains de Mer dans le traitement de certaines maladies de nature catarrhale.
Montpellier, 8vo, pp. 31.
1869. WORTHINGTON, G. Bathing, its uses and advantages.
London, 8vo.
1869. FOUBERT, —. Sea-water in Obesity. See "Chlorides," p. 143.
1870. DROUINEAU, G. Des Bains de Mer. Guide médical et hygiénique du baigneur aux plages de l'Ouest. Paris, 8vo, pp. 208.
1870. WIART, —. De l'usage interne de l'Eau de Mer. Étude thérapeutique.
Caen, 8vo, pp. 24.
1870. GRILLI, F. Della cura Idroterapica Marina, e dell' uso dell' Acqua di Mare polverizzata.
Cenni, 8vo, pp. 32.
1870. FORSSENIUS, C. Om hafskuren eller thalassotherapien, &c.
Göteborg, 8vo, pp. 120.
1872. FOUBERT, —. De la valeur et de l'usage des Bains de Mer chauds.
Paris, 8vo, pp. 15.
1873. SICARD, A. L'Eau de Mer considérée au point de vue médical.
Marseille, 8vo, pp. 8.
1874. GAUDIN, G. *Physiologie et indications thérapeutiques des Bains de Mer.
Paris, 4to.
1874. ROMANDINI, A. L'Acqua di mare nel pane. Forli, 8vo.
1874. LISLE, E. Du Pain à l'Eau de Mer, et de son utilité comme aliment et comme remède.
Bordeaux, 8vo, pp. 253.
1875. LISLE, E. De l'emploi de l'Eau de Mer à l'intérieur, des moyens de l'administrer et de ses indications générales.
Paris, 8vo, pp. 20.
- Dr. Lisle has done good service in calling attention to the medical properties of sea-water. He does not claim for it any specific property in the cure of disease, but regards it as a simple hygienic agent, useful only in an indirect manner by its general operation on the blood and the nutritive functions. His sea-water bread and "thalassic elixir and syrup," as he names them, appear to him indicated as hygienic and preservative agents against disease in persons who are healthy but of delicate constitution, in convalescence from acute diseases, pyretic stomach affections, anæmia, chlorosis, scrofulous and tubercular manifestations, and in diabetes in all its phases. He claims for sea-water all the properties of a mineral water, and furnishes some comparative analyses in support of this view.—See further *Brit. and For. Med.-Chir. Rev.*, Oct., 1875, p. 454-5.
1875. LEMARCHAND, —. De l'Hygiène de la Mer et de l'Hydrothérapie maritime considérées sous leur point de vue pratique.
Paris, 8vo.

MINERAL WATERS OF GREAT BRITAIN

(Generally).

1562. TURNER, W. A Booke of the nature and properties as well of the Bathes in England, as of other Bathes in Italy and Germany. Collen, folio.
1672. CLAROMONTIUS, C. De Aere, locis et Aquis terræ Angliæ, &c. London, 18mo. *Bibl. Med.-Chir. Soc.; Radcliffe.*
1682. LISTER, MARTIN. De Fontibus Medicatis Angliæ. Eboraci, 12mo, plate. Alt. ed. London, 1684, 8vo. Redit in *Tract. varii de Aquis compluribus Medicatis*. Lugd. Bat. 1689, 12mo. *Bibl. Med.-Chir. Soc.* (ed. 1682, 1684, et 1689); *Acad. Edin.* (1689); *Radcliffe* (1684).
1684. BOYLE, B. Short Memoirs for the History of Mineral Waters. London, 12mo. Appended also to "Rouse on the Waters of Tunbridge Wells," 1725, q. v. *Bibl. Med.-Chir. Soc.*
1684. PRATT, E. Metallic and Mineral Waters. London, 8vo.
1685. PLOT, B. De origine Fontium tentamen philosophicum. Oxon. 8vo.
1691. GUIDOTT, T. De Thermis Britannicis tractatus. London, 4to, plates. *Bibl. Med.-Chir. Soc.; Radcliffe.*
1697. LEIGH, C. Exercitationes de Aquis Mineralibus, Thermis calidis, &c. London, 8vo. *Bibl. Med.-Chir. Soc.; Radcliffe.*
1699. ALLEN, B. Natural History of the Chalybeat and Purging Waters of England, with their particular essayes and uses. To which are added some observations on the Bath Waters. London, 8vo. *Bibl. Radcliffe; Coll. Surg. Lond.*
1699. FLOYER, J. Inquisitio Balnearum Angliæ. Impr. in 'N. Vallerii Tentamina physico-chemica circa Aquas thermales Aquisgranenses.' Lugd. Bat. 8vo. *Bibl. Radcliffe.*
1711. ALLEN, B. Natural History of the Mineral Waters of Great Britain. London, 8vo.
1714. NESSEL, M. Treatise concerning the Medicinal Spaw Waters; translated. London, 8vo. Second ed. *ibid.* 1715. *Bibl. Med.-Chir. Soc.*
1726. QUINTON, J. De Thermis; or of Natural and Artificial Baths. London, 4to. *Bibl. Med.-Chir. Soc.*
1731. HOFFMANN, F. Experiments and observations upon Mineral Waters, with notes by Peter Shaw. London, 8vo. Second ed. 1743. *Bibl. Med.-Chir. Soc.*

1739. HALE, S. Experiments on Chalybeate or Steel Waters. (Appended to his 'Philosophical Experiments.') London, 8vo. *Bibl. Acad. Edin.*
1740. SHORT, T. An Essay towards a natural and medicinal history of the principal Mineral Waters of Cumberland, Northumberland, Westmoreland, Durham, Lancashire, Staffordshire, Shropshire, Worcestershire, Gloucestershire, Warwickshire, Northamptonshire, Leicestershire, and Nottinghamshire: particularly those of Neville-Holt, Cheltenham, Weatherslack, Hartlepool, Astrope, Cartmell, &c. To which is added a discourse on cold and tepid bathing, and a Table of all the Warm Waters in England, and most of the Cold Baths from Carlisle to Gloucester and Oxford. Sheffield, 4to.
1746. MANNING, M. *De Aquis Mineralibus. London, 4to. *Bibl. Med.-Chir. Soc.*
1748. LINDEN, D. W. Treatise on Chalybeat Waters and natural Hot Baths, with Appendix on Selter Water, Liquid Shell, and the Glastonbury Waters. London, 8vo, plate. Second ed. 1752. *Ibid*, 1755. *Bibl. Med.-Chir. Soc.*
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1818. ARMSTRONG, J. On Scarlet Fever, &c...with remarks on Sulphureous Waters. London, 8vo. Second ed. *Ibid.* 1818.
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The second division of the third part contains a capital account of all the mineral waters of Great Britain, with an excellent bibliography.—*Dr. Macpherson.*

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The main portion of the work is divided into five parts, which treat successively of mineral waters north of the Trent, and those south of the Trent; of the waters of Belgium and France; of the waters of Germany, Switzerland, Savoy, and Italy; of those of Ireland and Scotland; and of some miscellaneous matters, comprising notices altogether of no less than 156 spas. The last part contains an enumeration of the diseases in which mineral waters are beneficial.—*Lancet*, Aug. 22nd, 1851, p. 199.

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The most complete work on mineral waters in any language, containing notices of all the known mineral springs of the world, arranged alphabetically. A work of great labour. Those of Great Britain are duly noticed, and their composition and medical properties fairly stated. The practical remarks on diseases and their appropriate hydrological treatment are valuable, and constitute a very important part of the work.

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Pleasantly and lucidly written, and contains in small compass the essence of what we require to know in regard to the springs most in use, besides a great deal of interesting antiquarian information in regard to them.—*Edin. Med. Journ.*, Sept., 1871, p. 270.

Contains a mass of information respecting the spas of Great Britain. The author deals successively with the composition of various waters, the mode of selecting a suitable spa in particular ailments, and then proceeds to deal with saline, thermal, and earthy, salt, chalybeate, and sulphur waters and wells in detail, under the three heads of England, Wales, and Scotland. Dr. Macpherson knows what he is writing about, and his book is a very acceptable addition to medical literature.—*Lancet*, Aug. 5th, 1871, p. 193.

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WALES.

ARRANGED ALPHABETICALLY.

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Aberdeen, 8vo. Ibid. 1670.

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1818. BREWERTON, T. On the Mineral Water of Askern (near
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diverse other baths, both in Almanye and England. Collen, folio.
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A full and finished practical discourse.—*Bishop Nicholson.*
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1827. MYDDLETON, P. Essay on Gout...with Observations on the *modus operandi* of Bath Waters on gouty habits. Fourth ed. Bath, 8vo, pp. 97.
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In this interesting little work the history, properties, and composition of Bath waters are all most fully treated. The diseased conditions in which these waters are admissible, as well as the reverse, and the diet and regimen to be observed under their employment, are all discussed at sufficient length. An ingenious and novel form of diagram forms a frontispiece to the volume, showing at a glance the diseases in which Bath waters are useful, as well as their comparative utility in different diseases.—*London Med. Gazette*, Dec. 27th, 1851, p. 1103.

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This pamphlet as presented to us was accompanied by a printed handbill, in which Mr. Parker offers a reward of £100 to any one who will refute in writing the principles unfolded in his "New Physiological Views." Mr. Parker is perfectly safe in offering the reward, for after perusing his pamphlet we can find nothing worth refuting. Whatever is true in its pages is not new; and as to any novelty, we have not been able to discover it.—*Medical Times and Gaz.*, Feb. 14th, 1857, p. 174.

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1739. KEIR, P. An enquiry into the nature and properties of the Medicinal Waters of Bristol, and their use in the cure of chronic distempers. London, 8vo. *Bibl. Med.-Chir. Soc.; Radcliffe.*
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 1820. SCUDAMORE, SIR C. A Chemical and Medical Report of the properties of the Mineral Waters of Buxton, Matlock, Tunbridge Wells, Harrogate, Bath, Bristol, Cheltenham, Leamington, Malvern, and the Isle of Wight. London, 8vo. Second ed. corrected and much enlarged. (including Brighton and the Beulah Spa, Norwood), London, 1833, 8vo, pp. 215.
 A brief geological sketch is given of the places visited by the author; the chemical analysis of each mineral water is then stated, and their medical properties are described. Sir Charles indulges in no exaggerated account of the superiority of one particular water over another, but assigns to each its fair and honest value.—*London Med. Phys. Journ.*, lxx, 1833, p. 243.
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An excellent and useful guide to these waters.—*Dublin Quart. Journ. Med. Sci.*, xiv, 1852, p. 18.

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Dr. Playfair having shown the large proportion of nitrogen in this water, Dr. Robertson addresses this letter to him, with the view of showing that most of its therapeutical value may be ascribed to the presence of this gas.—*Dublin Quart. Journ. Med. Sci.*, xvi, 1852, p. 18.

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A model for books of the kind.—*Glover*.

1861. PEARSON, J. A. Reports of cases treated at the Buxton Bath Charity and Devonshire Hospital. 8vo, pp. 36.

This pamphlet contains notes of a hundred cases, which are possibly useful, and an inkling of some of the small medical jealousies of a watering-place, which is amusing. The author dissents from the opinion that nitrogen is the useful element in the Buxton waters, and advocates their use by themselves, without a farrago of drugs.—*Medical Times and Gaz.*, June 22, 1861, p. 658.

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This well was discovered by Dr. Williams about 1856. In this *brochure* he gives an interesting account of the scenery round the well, which is situated in the County of Caernarvon, near the Snowdon ranges. The water contains a large proportion of iron in the form of carbonate of protoxide.—*Medical Times and Gaz.*, Nov. 6, 1858, p. 478.

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1785. FOTHERGILL, A. On the nature and qualities of Cheltenham Waters. Bath, 8vo. Ibid. 1788.
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1786. BARKER, J. Treatise on Cheltenham Water, and its great use in the present pestilential constitution. Birmingham, 8vo. pp. 18.
1786. SMITH, J. On the use and abuse of Cheltenham Waters. Cheltenham, 8vo. Second ed. Ibid. 1796. Third ed. 1800. French transl. by F. Le Breton. Paris, 8vo, 1789.
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1793. MOREAU, S. A Tour to the Royal Spa at Cheltenham. Bath, 8vo. *Bibl. Med. Soc. Lond.*
1803. JAMESON, T. Treatise on Cheltenham Waters and Bilious Diseases. London, 8vo. Second ed. Ibid. 1809. Third ed. Ibid. 1814.
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1808. ACCUM, F. Analysis of the Mineral Waters of Cheltenham. London, 8vo.
1810. NEALE, A. On the nature and properties of the Mineral Waters of Cheltenham. London, 8vo. *Bibl. Radcliffe.*
1820. HALPIN, W. A. Observations on erroneous statements in Dr. Neale's pamphlet on the Cheltenham Waters. Cheltenham, 8vo. *Bibl. Radcliffe.*
1820. MCCABE, J. Observations on the Cheltenham Waters and the diseases in which they are recommended. Cheltenham, 8vo. pp. 31. *Bibl. Med.-Chir. Soc.*
1820. SCUDAMORE, SIR C. *Vide* "Buxton," 1820.
1821. THOMAS, J. Observations on Chronic Affections of the Digestive Organs, &c., and on the use and abuse of Cheltenham Waters. London, 8vo, pp. 168. Third ed. Ibid. 1827.
1822. GIBNEY, W. Medical Guide to the Cheltenham Waters; with observations on their nature and properties, the diseases in which they are beneficial or hurtful, &c. London, 18mo, pp. 162. Second ed. Cheltenham, n. d. (about 1828).
Intended merely as a book of reference, and as an admonitory medical assistant to the patient, nothing being discussed which is not of practical importance.—*London Med. Phys. Journ.*, xlvii, 1822, p. 156.
1826. MCCABE, J. Directions for drinking the Cheltenham Waters, with a selection of cases illustrating their effects in a great variety of diseases. Cheltenham, 12mo, pp. 68.
1834. MURCHISON, SIR R. J. Outline of the Geology of the neighbourhood of Cheltenham, with an account of the origin of the Mineral Waters. London, 8vo.

1837. LEE, E. *Vide* "Mineral Waters of Great Britain," 1837.
1851. LEE, EDWIN. Cheltenham and its Resources: Mineral Waters, Climate, &c., considered chiefly in a sanative point of view.
London, 12mo, pp. 135.
- Without being a mere guide-book, the volume sets forth all the attractions of Cheltenham, prefaced by an historical sketch, and followed by an account of the therapeutic properties and chemical composition of the waters, with observations on its climate.—*London Med. Gazette*, April 11, 1851, p. 648.
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- Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*
- See also "Harrogate," 1787, and "Dimsdale," 1835.

CONWAY VALE SPA. *Vide* "TREFRIW."

- DERBYSHIRE. See "SCARBOROUGH," 1734 also "BUXTON," 1854,
"MATLOCK," &c.

DIMSDALE.

1805. PEACOCK, J. Observations upon the composition and use of the Sulphur Baths at Dimsdale, near Darlington. Newcastle, 8vo.
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Third ed. Darlington, 12mo.

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Worcester and London, 8vo, pp. 51.
1877. BAINBRIGGE, W. H. Lecture on the progress and success of the Droitwich Brine Baths, delivered at Worcester, September, 12th, 1877.
Droitwich, 8vo, pp. 14.
- The author adduces a large body of evidence in favour of the brine baths of Droitwich, which, without doubt, holds a place *sui generis* amongst the mineral waters of Great Britain. For some interesting remarks on their uses, by Dr. J. Macpherson, see *London Medical Record*, August 6th, 1877, pp. 14, 495.

DUNBARNEY, PERTSHIRE. *Vide* "PITCAITHBY."

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1751. HOME, F. Essay on the contents and virtues of Dunse-Spaw.
Edin. 8vo. *Bibl. Med.-Chir. Soc.; Acad. Edin.*

DURHAM.

1675. W[ILSON], E[DWARD.] Spadacrene Dunelmensis, or a short treatise on an Ancient Medicinal Fountain, or Vitrioline Spaw, near the City of Durham. London, 12mo.

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1790. TAYLOR, J. Medical Treatise on the virtues of St. Bernard's Well (in Edinburgh.) Edin. 8vo.

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EPSOM, SURREY.

1695. GREW, N. Tractatus de Salis cathartici amaro in Aquis Ebeshamensibus et hujusmodi aliis contenti natura et usu. London, 12mo. English transl. by Dr. J. Bridges (with animadversions on a late corrupt translation by Francis Moulst, chymist.) London, 1697, 12mo.

Bibl. Coll. Surg. Lond. (both).

This is probably the first authentic account of the Epsom or Ebesham saline waters: it is divided into two parts, the first relating to the nature of the purging salt; the second, treating of its uses. From this account it would seem to have been regarded as a cure for all the complaints flesh is heir to. For a short analytical notice of Dr. Bridge's translation, by A. F. Haselden, see *Proceedings of Pharm. Conference*, 1870, App., p. 53.

1768. INGRAM, D. Enquiry into the origin, &c., of Magnesia Alba, and the properties of Epsom Waters. London, 8vo.

Bibl. Roy.

N.B.—For further notices of Epsom waters see "Allen's Chalybeate and Purging Waters of England," 1699, and "Owen's Mineral Waters of Great Britain," 1769, p. 217. In *Lloyd's Evening Post* for August, 1769, there is a "Concise historical account of the Old Epsom Wells on Epsom Common."

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1783. TRINDER, Rev. W. M. An Inquiry by experiments into the properties and effects of the Mineral Waters in the County of Essex. London, 8vo.

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GLASTONBURY, SOMERSET.

1751. (Anon.) Wilt thou be made whole? or the virtues and efficacy of the Water of Glastonbury, illustrated in above twenty remarkable cases fully described of persons who, by the use of that water, have been cured of disorders of the most obstinate and deplorable kinds, such as the asthma, rheumatism, dropsy, king's evil, deafness, blindness, wens, cancers, ulcers, old swellings, leprosy, &c. London, 8vo.

1751. (Anon.) A short description of the Waters of Glastonbury; together with an impartial account of the effects thereof, in a variety of cases. By a disinterested clergyman not at all obliged to the inhabitants, nor in the least concerned in the interest of the town (!). Oxon. 8vo.

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1758. LINDEN, D. W. On Chalybeat Waters, &c...with Appendix on...the Glastonbury Waters. London, 8vo, plate. Second ed. 1752. *Ibid.* 1755. *Bibl. Med.-Chir. Soc.*

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GRANGE, LANCASHIRE.

1870. BARBER, H. Holywell Spa, Grange, Lancashire: its history, nature, and properties. With directions for drinking the water. Ulverston and London, 12mo, pp. 16.

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1734. SOAME, J. Hampstead Wells, or Directions for drinking those Waters. London, 8vo. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*
1802. BLISS, J. On the Medicinal Waters of Hampstead and Kilburne. London, 8vo, pp. 58. *Bibl. Acad. Edin.*
The author has done an acceptable service to the public by reminding them of these long neglected but formerly celebrated waters, and by presenting an accurate analysis of them.—*London Med. Rev.*, vii, 1802, p. 244.
1804. GOODWIN, T. Account of the Neutral Saline Waters recently discovered at Hampstead, with chemical analysis, observations on their medicinal application and effect in certain diseases, &c. London, 12mo.

HANLEY, SALOP.

1768. LINDEN, D. W. A medical and experimental history and analysis of the Hanley Spa, saline, purging, and chalybeate waters, near Shrewsbury. London? 8vo.
A full abstract of Dr. Linden's observations on this spring is furnished in Owen's "Mineral Waters of Great Britain," p. 327, *seq.*

HARROGATE.

1626. DEANE, E. Spadacrene Anglica, or the English Spaw Fountaine, being a briefe Treatise of the Fountaine in the Forest of Knaresborow. London, 4to. Alt. ed. York, 1649, 4to, and 1654, 12mo. Reprinted, with additional observations, by Dr. Stanhope and others, under the title Spadacrene Anglica, or English Spaw: being an Account of the Waters of Harrogate and parts adjacent. Leeds, 1736, 8vo. *Bibl. Med.-Chir. Soc.* (ed. 1736).
A learned and ingenious treatise.—*Nicholson (Louvdes)*.
1627. STANHOPE, M. *Vide* "Knaresborough," 1627.
1652. FRENCH, J. The Yorkshire Spaw; or a treatise of four famous Medicinal Wells, viz.:—the Spaw, or Vitrioline Well; the Sulphur Well; the Dripping, or Petrifying Well; and St. Magnus' Well, near Knaresborough. London, 12mo. Reprinted at Halifax, 1760, 12mo. *Bibl. Med. Soc. Lond.* (ed. 1760).

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An elegantly written and erudite work.—*London Med. Phys. Journ.*, xiii, 1819, p. 524.
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1853. KENNION, G. Observations on the Medicinal Springs of Harrogate. London, 8vo, pp. 31. Seventh ed. enlarged and revised, by Adam Bealey, London, 1870, 8vo.
This little work, which is intended for the public more than the profession, has been reprinted several times, and forms an appendix to the "Illustrated Handbook of Harrogate." Harrogate, 1858, 12mo, pp. 160.
1855. HOFMANN, A. W. Harrogate and its Resources. Chemical Analysis of its Mineral Waters. With an Appendix on the mode of their Administration by the Committee. Loc? 8vo, pp. 54.
A committee of the inhabitants of Harrogate employed Professor Hofmann to examine its mineral waters, and the result is the present very elaborate and lengthened report, the details of which the chemical philosopher will doubtless find very interesting, but the general or even the medical reader will consider them dry and tedious. The medical remarks in the appendix drawn up by the committee may be read with advantage by those visiting these waters, for the purpose of trying their effects for the removal of cutaneous diseases, or the mitigation of liver and stomach affections.—*Glasgow Med. Journ.*, Oct., 1855, p. 347.
1856. PIGGOTT, G. W. On the Harrogate Spas and Change of Air, exhibiting a Medical Commentary on the Waters, founded on Professor Hofmann's Analysis, &c. New ed. London, 12mo, pp. 280.
A useful little handbook for visitors to the Harrogate springs and baths,

as it not only points out their constitution, and the maladies to which they are applicable, but enters into histories of the neighbourhood, of baths in general, and other subjects, well calculated to amuse and interest the leisure of an invalid.—*Lancet*, June 21st, 1856, p. 689.

Conveys much information in a light and pleasing style.—*Dublin Quart. Journ. Med. Sci.*, xxiii, 1837, p. 7.

1867. MYRTLE, A. S. Practical Observations on the Harrogate Mineral Waters, with cases. London, 8vo, pp. 98.

A good book on the Harrogate waters. The author describes the physical characters of Harrogate, the general character of the waters, gives analytical tables of them, details their effects, and the cases best suited for their use, points out the best time of the year for sending patients to Harrogate, and other matters of interest. The practitioner will find in this book every information that he needs to possess on the subject of Harrogate and its waters.—*Lancet*, July 6th, 1867, p. 13.

A reliable guide to the effects of the spa of which it treats. The addition of a number of interesting cases adds considerably to its practical value.—*Medical Times and Gaz.*, June 29th, 1867, p. 724.

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1754. HORSBURGH, W. Experiments and observations upon the Hartfell Spaw. Edin. 8vo. *Bibl. Acad. Edin.*

HOLT, WILTS.

1723. (Anon.) An historical account of the cures done by the Mineral Waters at Holt, with some short observations concerning its nature, virtues, and the method of using them. London? 12mo, pp. 16.

1731. EYEE, H. (Sworn Purveyor to Her Majesty for all Mineral Waters.) A brief account of the Mineral Waters at Holt, near Bath, in Wiltshire. London, 8vo. *Bibl. Radcliffe.*

In this treatise, "one hundred and twelve eminent cures" are narrated as having been effected by use of the Holt Waters after medicine had been used in vain.—*Britton's Hist. of Wiltshire*, p. 496.

HORLEY GREEN.

1790. GARNETT, T. Experiments and observations on the Horley-Green Spaw, near Halifax. Bradford, 8vo. *Bibl. Med.-Ovir. Soc.; Med. Soc. Lond.*

1840. ALEXANDER, W. The Horley-Green Mineral Water, its new chemical analysis and medical uses. London, 8vo.

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ILKLEY, YORKSHIRE.

1792. MOSSMAN, G. On Scrofula..., the effects of Ilkley Spaw (and power of Digitalis.) Bradford, 8vo. Ibid. 1800.
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1819. HUNTER, A. *Vide* "Harrogate," 1819.

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1685. DERHAM, S. Hydrologia Philosophica, or an account of Ilmington Waters, in Warwickshire, with directions for drinking the same, &c. Oxford, 8vo.
Bibl. Med.-Chir. Soc. ; Med. Soc. Lond.

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1684. GUIDOTT, T. A true account of Sadlers Wells, or the new Mineral Waters found out at Islington. London, 4to.
1751. [SMITH, HUGH.] Treatise on the Mineral Spring at New Tunbridge Wells, near Islington. 8vo.
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See also "Tunbridge Wells," 1768 ?
1861. Islington Wells, an old poem, edited by J. O. Halliwell-Phillips. London, 8vo.

KIDLESTON. *Vide* "MATLOCK-BATH," 1802.

KILBURN. *Vide* "HAMPSTEAD," 1802.

KINGHORN-CRAIG.

1618. ANDERSON, P. Colde Spring of Kinghorn-Craig, its admirable properties. Edin. 4to. *Bibl. Acad. Edin.*

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1626. DEANE, E. *Vide* "Harrogate," 1626.
1627. STANHOPE, MICH. Newes out of Yorkshire, or an account of a journey in the true discovery of a Soueraigne Minerall Medicinall Water, near Knaresborough, not inferior to the Spa in Germany. London, 4to.
1632. STANHOPE, MICH. Cures without a care, or a Summons to Knaresborow Spa. London, 4to. *Bibl. Med. Soc. Lond.*
A learned and ingenious treatise.—*Nicolson (Lowndes)*.
1769. HARGROVE, E. *Vide* "Harrogate," 1769.

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1694. LEIGH, C. Phthisiologia Lancastriensis cui accessit tentamen philosophicum de Mineralibus Aquis in eodem comitatu observatis. London, 12mo. *Bibl. Med.-Chir. Soc. ; Radcliffe.*
Dr. Cay, in his account of this book in the 'Philosophical Transactions,' No. 206, p. 1003, makes many objections to Dr. Leigh's observations.—*Britton.*

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1812. PRATT, —. A brief account of the rise, progress, and patronage of the Leamington Spa Charity...with general rules for drinking the Leamington Waters. Birmingham, 8vo, with etchings by F. Egington. Republished with additions in 1814, under the title of "A Local and Literary Account of Leamington."
1814. BISSET, J. Guide to Leamington Priors, containing a brief account of that celebrated and fashionable Spa. London?
1820. WEATHERHEAD, G. H. Analysis of the Leamington Spa in Warwickshire, with remarks on its uses and medicinal qualities. Second ed. London, 8vo. *Bibl. Med.-Chir. Soc.*
1820. SCUDAMORE, Sir C. *Vide* "Buxton," 1820.
1828. LOUDON, C. Practical Dissertation on the Waters of Leamington Spa, including the history of the Springs. A new analysis, rules for drinking the Waters, &c. Leamington, 8vo. Third ed. London, 8vo, 1830. *Bibl. Radcliffe* (1830).

The author has very satisfactorily effected the object he had in view, of giving to the profession a monograph to refer to, that they may be able to judge of the nature of the mineral springs at Leamington, and of the various ways in which they may be used.—*London Med. Phys. Journ.*, lxi, 1829, p. 569.

1837. LEE, E. *Vide* "Mineral Waters of Great Britain," 1837.
1838. FAIRFAX, —. Leamington Guide. Leamington, 8vo (map).

LIBBERTON. *Vide* "MOFFAT."

LINCOMB.

1742. HILLARY, W. On the medicinal virtues of Lincomb Spa Water, near Bath. London, 8vo. *Bibl. Radcliffe; Med. Soc. Lond.*

LINCOLNSHIRE See "SCARBOROUGH," 1734.

LIVERPOOL.

1773. WORTHINGTON, J. Experiments on the Spa at Mount Sion, near Liverpool, with a view to ascertain its contents, and to investigate its medicinal qualities. London, 8vo. *Bibl. Acad. Edin.*
1773. HOULSTON, T. Essay on the Liverpool Spa Water. Liverpool, 8vo.

LLANDRINDOD, RADNORSHIRE.

1744. (Anon). A journey to Landrindod Wells in Radnorshire with a particular description of those Wells, &c.
London? 8vo. Second ed., London, 1746.
1756. LINDEN, D. W. On the medicinal Mineral Waters at Landrindod, in Radnorshire, South Wales. London, 8vo. Ibid. 1761?
Bibl. Med.-Chir. Soc.
1817. WILLIAMS, R. An analysis, &c., of the medicinal Waters of Landrindod, in Radnorshire, with observations on the diseases to which they are applicable. London, 8vo. *Bibl. Radcliffe.*

LLANGYBI, CAERNARVONSHIRE.

1767. LINDEN, D. W. Inquiry into the properties of the Mineral Waters of Llangybi, in Caernarvonshire. London? 8vo.

LEWISHAM, KENT.

1681. PETERS, J. A treatise on the Lewisham Wells in Kent, showing the time and manner of their discovery, the minerals with which they are impregnated, &c. London, 12mo.
- This well was known sometimes as Sydenham, sometimes as Dulwich. There was a second well discovered near Dulwich, but it never had the repute of the one at Sydenham.—*Dr. Macpherson.*

LONDON AND ITS VICINITY.

See "Bagnigge Wells," "Islington" (Sadlers Wells), "Lewisham" (Dulwich), "Norwood" (Beulah Spa), "Hampstead and Kilburn," "Shadwell," "Bromley," "Barnet," "Streatham," and "Epsom."

In addition to these should be noticed amongst London springs "the Purging Water of the Dog and Duck," of which Mr. Owen in his work on *British Mineral Waters* p. (263), furnishes a full account. The "Dog and Duck" was a noted public-house in St. George's Fields, in the parish of Lambeth, close to the Deptford Road. From the reports of Dr. Baynard and others, it seems to have enjoyed repute in cancerous, leprous, and scrofulous cases, and in skin diseases.

MALVERN.

- 175-. WALL, J. Experiments and Observations on the Malvern Waters. Worcester, 8vo. Second ed. Ibid. 1757; third ed. Ibid. 1763. Republished in his "Medical Tracts," Oxford, 8vo, 1760, and also in a separate form under the title of "Malvern Waters," by his son, Dr. Martin Wall. Oxford, 8vo, 1806.
Bibl. Med.-Chir. Soc. (1763, 1780), Radcliffe (1757, 1806).
1805. WILSON, A. PHILIP. Analysis of the Malvern Waters. Worcester, 8vo. Ibid. Edin. 1806. *Bibl. Med.-Chir. Soc.*
1820. SCUDAMORE, Sir C. *Vide* "Buxton," 1820.
1828. ADDISON, W. On the nature and properties of the Malvern Water, &c. London, 8vo, pp. 192.
The author first describes the beauties and attractions of Malvern, and

particularly the nature of its waters, and remarks on their long established character in scrofula, glandular obstructions, old and fistulous ulcers, nephritic disorders, skin diseases, and thoracic affections. He attributes the benefit experienced in such cases partly to the salubrity of the air and partly to the extreme purity of the water, not believing that it contains any particular ingredients in sufficient quantity to produce much effect.—*London Med. Gaz.*, July 19, 1828, p. 213.*

MATLOCK-BATH.

1730. MEDLEY, J. Essay upon Matlock-Bath in Derbyshire, &c. Nottingham, 8vo. *Bibl. Med.-Chir. Soc.*
1802. LIPSCOMB, G. Description of Matlock-Bath, with an attempt to explain the causes of the heat, and of the petrifying quality of the springs. To which is added some account of...the Mineral Waters of Quarndon and Kidleston. London, 8vo.
1820. SCUDAMORE, SIR C. *Vide* "Buxton," 1820.

MIDDLE-HILL, WILTS.

1786. FALCONER, W. Account of the Mineral Water at Middle-Hill near Box, Wiltshire. Bath (?) 8vo. *Bibl. Med.-Chir. Soc.*

MOFFAT, SCOTLAND.

1659. MACKAILLE, M. Descriptio topographico-spagyrica fontium mineralium Moffetensium in Annandia Scotiæ. Edin, 8vo. An English translation, to which is appended a description of the Oily Well at St. Catherine's Chapel, in the parish of Libberton, was published in 1664. (Edin. 12mo.)
Bibl. Acad. Edin. (both).

* N.B.—Malvern Spa has been made the subject of poems by Mr. Perry (inserted in "Doddsley's Collection of Poems," vol. v), Mr. Cottle, Dr. Brooker, and others; but none for originality are more worthy of note than one by the parish clerk of Malvern, about 250 years since, first published in 1778 in Nash's "Survey of Worcestershire." The four following stanzas may not be considered out of place here:—

Out of that famous hill
There daily springeth
A water passing still,
Which always bringeth
Great comfort to all them
That are diseased men,
And makes them well again
To praise the Lord.

Hast thou a wound to heal,
The which doth grieve thee,
Come then unto this well,
It will relieve thee
Noli me tangere,
And other maladies,
Have here their remedies,
Praised be the Lord.

To drink thy waters' store
Lie in thy bushes,
Many with ulcers sore,
Many with bruises,
Who succour find from ill
From money given still,
Thanks to the Christian will,
O praise the Lord.

A thousand bottles there
Were filled weekly,
And many costrils rare
For stomachs sickly;
Some of them into Kent,
Some were to London sent
Others to Berwick went,
O praise the Lord.

1854. **KEDDIE, W.** Moffat: its Walks and Wells; and Report on, and Chemical Analysis of, its Mineral Wells, by J. Macadam.

Glasgow, 8vo, pp. 163.

An admirably designed and elegantly written guide to these waters.—
Dublin Quart. Journ. Med. Sci., Nov., 1854, p. 16.

MOIRA. Vide "ASHBY-DÉ-LA-ZOUCH."

NEVIL-HOLT, LEICESTERSHIRE.

1740. **SHORT, T.** *Vide* "Mineral Waters of Great Britain," 1740.

1749. (Anon.) The contents, virtues, and uses of Nevil-Holt Spa Water, further proved, illustrated, and explained from experiments and reason. Second ed. London, 8vo, with a postscript printed in 1750. *Bibl. Med.-Chir. Soc.; Med. Soc., Lond.*

NEWCASTLE-ON-TYNE.

1760. **TYTLER, J.** On Newcastle-on-Tyne Waters.

NEWMAN, WARWICKSHIRE.

1587. **BAYLEY, WALTER.** A brief Discourse on certain Medicinal Waters in the County of Warwick, near Newman.

London, 12mo.

NORWOOD (BEULAH SPA).

1832. **WEATHERHEAD, G. H.** Account of the Beulah Saline Spa at Norwood, Surrey: containing a description of its medicinal properties and effects, of the diseases in which it is remedial, and directions for its use.

London, 8vo, pp. 39.

Bibl. Med.-Chir. Soc.

The diseases in which these waters are remedial, according to Mr. Weatherhead, include dyspepsia, liver and bilious complaints, jaundice, chlorosis, hypochondriasis, chronic and strumous ophthalmia, skin diseases, scrofula, "and many other disorders too numerous to mention!" He had better have said at once "all the ills to which flesh is heir!" See notice in *London Med. Phys. Journ.*, vol. lxvii, 1832, p. 244.

1832. **MAXFIELD, A.** Observations on the medical virtues of the Beulah Saline Spa, Norwood, and on the disorders in which it is most efficacious, especially those connected with derangement of the digestive organs.

London, 8vo, pp. 82.

If reliance may be placed upon the analysis of these waters, made by Faraday and Hume, Mr. Maxfield has some ground for his assertion that "Beulah Spa is the most potent and valuable specimen of a saline spring that this country possesses, and is deserving of a higher reputation than any of them as a medicine." See *London Med. Phys. Journ.*, vol. lxviii, 1832, p. 154.

1833. **SCUDAMORE, SIR C.** *Vide* "Buxton," 1820.

NOTTINGTON, DORSETSHIRE.

1792. **GRAVES, R.** On the Sulphureous Water at Nottingham, near Weymouth, with Observations relative to its application in the cure of diseases. Sherborne, 8vo.

Bibl. Radcliffe.

1798. CRANE, J. Account of the nature, properties, and medical uses of the Mineral Water at Nottingham, near Weymouth.
London, 12mo, pp. 44.

PETERHEAD, ABERDEENSHIRE.

1636. M[OOR] A[NDREW]. ΠΙΔΑΞ ΠΕΤΡΕΙΑ (Pidax Petreia), or the Discoverie of St. Peter's Well at Peterhead, in Scotland, showing the admirable virtues thereof against many deplorable diseases, by A. M., Student in Medicine. Edinburgh, 8vo.
This work, which is very rare, is given on the authority of Dr. Macpherson, to whom I am indebted for a notice of it. There is a copy of it in the Advocate's Library, Edinburgh.

PITCAITHLY AND DUNBARNEY, PERTHSHIRE.

1814. HOBSLEY, W. Remarks on the Pitcaithly and Dunbarney Mineral Waters in Perthshire, illustrative of their composition and medicinal properties. London? 12mo.

PURTON, WILTS.

1861. BAKEWELL, R. H. A Visit to Purton Spa, with a short Account of the extraordinary properties and effects of its Sulphated and Bromiodated Spring. Loc.? 8vo? pp. 22.
These waters, which contain about 350 grains of saline matter to the gallon, chiefly of alkaline sulphates, with minute traces of iron, iodine, and bromine, are said to be pleasant to the taste, gently aperient, diuretic, and alterative, and probably will suit some persons who cannot afford to migrate to Carlsbad or Kissingen.—*Medical Times and Gaz.*, July 20th, 1861, p. 66.

QUARNDON. Vide "MATLOCK BATH," 1802.

RADNORSHIRE AND BRECONSHIRE.

- n. d. JONES, J. R., and PRYSE, J. Radnorshire and Breconshire Springs. Llanidloes.

ROAD, WILTS.

1731. WILLIAMS, S. An experimental history of Road Water, in Wiltshire, with a short mechanical account of its virtues, and of chronic disorders, in a Letter to the Rev. Dr. Derham.
London, 8vo. *Bibl. Med.-Chir. Soc. ; Med. Soc. Lond.*

SANDROCKS, ISLE OF WIGHT.

1812. LEMPRIERE, W. On the medicinal effects of an Aluminous Chalybeate Water lately discovered at Sand Rocks, in the Isle of Wight, pointing out its efficacy in the Walcheren and other diseases incident to soldiers who have been abroad, &c. London, 8vo. Ibid. 1820. Second ed. Newport, 1827, 12mo, pp. 67.
Review in *London Med. Phys. Journ.*, xxviii, 1812, p. 72. There is also a pamphlet by this author, without date, on the chalybeate spring at Chall, Isle of Wight, printed at Newport. Whether it is the same as the above I know not.
1817. WATERWORTH, T. L. Letter on the Aluminous Chalybeate Water at Sand Rocks, Isle of Wight.
Isle of Wight, 12mo, pp. 28. *Bibl. Med.-Chir. Soc.*

SCARBOROUGH.

1660. WITTIE, R. Scarbrough Spaw, or description of its nature and virtues. London, 12mo. Idem, augmented with a relation of cures done by the Waters. York, 1667, 18mo.
Bibl. Med.-Chir. Soc. (both).
1669. SIMPSON, W. Hydrologia Chymica: or the Chemical Anatomy of Scarbrough and other Spaws in Yorkshire. London, 8vo.
Bibl. Acad. Edin.
1669. WITTIE, R. Pyrologia Mimica, or Answer to Hydrologia Chymica of William Sympson, in defence of Scarbrough Spaw. London, 8vo.
Bibl. Med.-Chir. Soc.; Acad. Edin.
1670. SIMPSON, W. Hydrological Essayes, or a Vindication of Hydrologia Chymica, and a further discovery of the Scarbrough Spaw.
Bibl. Med.-Chir. Soc.
1670. TONSTALL, G. Scarbrough Spaw spagyrically anatomized. London, 12mo.
Bibl. Med.-Chir. Soc.
1672. TONSTALL, G. New Year's Gift for Dr. Witty, or the dissector anatomized. London, 12mo.
Bibl. Med.-Chir. Soc.
1672. WITTIE, R. Scarbrough's Spagyric Anatomizer Dissected, or Answer to Dr. Tonstall. London, 12mo.
Bibl. Med.-Chir. Soc.
1678. WITTIE, R. Fons Scarburgensis, sive de omnis aquarum generis origine ac usu; particulariter de fonte minerali apud Scarbrough in comit. Eboræ. London, 8vo.
Bibl. Med.-Chir. Soc.; Radcliffe.
- 17—. SCHOFIELD, J. An historical and descriptive Guide to Scarborough. York, 8vo, pp. 192.
1734. SHORT, T. History of the Mineral Waters of Derbyshire, Lincolnshire, and Yorkshire, particularly those of Scarborough. London, 4to.
Bibl. Med.-Chir. Soc.; Radcliffe.
1734. SHAW, P. Enquiry into the virtues, &c., of the Scarborough Spaw Waters. London, 8vo. Appended to his translation of "Hoffmann on Mineral Waters." London, 1743.
Bibl. Med.-Chir. Soc.; Radcliffe.
1869. BREABY, C. B. Medical Guide to Scarborough. Fourth ed. (27th thousand!).
A very useful little book for visitors. It gives a good account of the climate, and vital statistics of the town, with directions for sea-bathing and taking the waters.—*Medical Times and Gaz.*, Sept., 1869, p. 369.

SHADWELL.

1749. LINDEN, D. W. Directions for the use of Berry's Shadwell Spa in Sun Tavern Fields, Shadwell. London, 8vo.
Bibl. Med. Chir.-Soc.; Coll. Surg. Lond.
1777. BARNES, A. Essay on the virtues and properties of the Shadwell Spa. London, 8vo.
Bibl. Med.-Chir. Soc.

SHAP, WESTMORELAND.

1828. ALDERSON, R. A chemical analysis and medical treatise on the Shap Spa. Loc. (?)

The title of this pamphlet is cited from the "Handbook to Shap Spa," 4th ed. Dalston, 1866.

SOMERSHAM, HUNTINGDONSHIRE.

1759. LAYARD, D. P. An account of the Somersham Spa. London, 8vo. Ibid. 1767. *Bibl. Coll. Surg. Lond.; Med. Soc. Lond.*

The author's together with Dr. Morris's experiments with this water are inserted in the *Philosophical Trans.*, vol. liv, art. 3.

STOW-IN-THE-WOLD.

1808. FARMER, R. Analysis of the Carbonated Chalybeate, near Stow (in-the-Wold). Evesham, 8vo. *Bibl. Radcliffe.*

If this analysis is correct, this water contains considerably more iron and carbonic acid than either Tunbridge, Cheltenham, or even Spa.—*Lond. Med. Phys. Journ.*, vol. xxii, 1809, p. 246.

STRATFORD, WARWICKSHIRE.

1743. BAYLIES, W. Remarks on Perry's Analysis of the Stratford Mineral Water, with a short essay on the same waters. Stratford-on-Avon, 8vo.

Bibl. Med.-Chir. Soc.; Coll. Surg. Lond.

1744. PERRY, C. An account of an Analysis made on the Stratford Mineral Waters, comprehending near thirty different experiments. Northampton, 8vo.

STRATHPEFFER, ROSS-SHIRE.

1856. MANSON, D. On the Strathpeffer Spa. Inverness, 8vo, pp. 15.

1869. MANSON, D. On the Sulphur Waters of Strathpeffer, in the Highlands of Ross-shire. Inverness, 8vo, pp. 62. Second ed. London, 1877, 8vo, pp. 73.

A sensibly written *brochure* setting forth in a favorable light the virtues of this spa, which evidently deserves to take a high rank amongst sulphurous waters, whether British or Continental.

STREATHAM.

- Anon. The Analysis of Streatham Waters: with experiments on Mineral Waters in general. Sine loc. et ann.

Bibl. Coll. Surg. Lond.

SUNNING HILL.

1851. HOLMES, H. Sunning Hill Wells: or a Practical Inquiry into the action of Iron as a constituent of the blood in health and disease, in connexion with that Chalybeate Spring. London, 8vo, pp. 103.

The first 97 out of the 103 pages of this *brochure* are taken up with the consideration of the uses of oxygen in the animal economy and a variety of other topics. At page 98 we first meet with a reference to Sunning Hill, at

the wells of which place, we are informed, iron exists in precisely that form in which it is met with in venous blood—viz. the carbonate of the protoxide—a circumstance which, according to the author, distinguishes that spring as a most effective chalybeate.—*London Med. Gazette*, Sept. 12, 1851, p. 509.

THETFORD.

1819. ACCUM, F. Guide to the Chalybeate Spring of Thetford, exhibiting the general and primary effects of Thetford Spa, &c. London, 8vo, pp. 159. *Bibl. Med. Soc. Lond.*

THORP-ARCH.

1819. HUNTER, A. *Vide* "Harrowgate," 1819.

TILBURY, ESSEX.

1737. ANDREE, J. An account of the Tilbury Water, containing a narrative of the medicinal qualities of this Spring, &c. London, 8vo. Ibid. 1740, 1764, &c. *Bibl. Radcliffe; Med.-Chir. Soc.* (5th ed., 1781), *Med. Soc. Lond.* (Eds. 1737, 1740, 1764).

TREFRIW AND VALE OF CONWAY SPA (WALES).

1865. HAYWARD, J. W. The Vale of Conway Spa: its nature, property, and uses, mode of administration and season, origin, source, locality, and discovery. Liverpool, 8vo, pp. 36.
1872. HAYWARD, J. W. Guide to Trefriw and the Vale of Conway Spa. Second edition. London, 8vo, pp. 64.

In this *brochure* the author sets forth the virtues of this comparatively little known Welsh Spa, and considering its character (chalybeate-aluminous) there is no doubt that it is capable in many cases of debility of effecting much of the good attributed to it by Dr. Hayward.

TUNBRIDGE WELLS.

1633. ROWZEE, L. The Queen's Wells: that is, a Treatise on the nature and virtues of Tunbridge Water, together with an enumeration of the chiefest diseases which it is good for, and against which it may be used, and the manner and order of taking it. London, 12mo. Alt. ed. 1656, 1670, 1671, 12mo, pp. 82.
Reprinted in vol. viii of the *Harleian Miscellany*.
1687. MADAN, P. Essay on the Waters of Tunbridge. London, 4to. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*
1725. ROUSE, L. Tunbridge Wells, or a Directory for the drinking of those waters, &c. London, 12mo. *Bibl. Med.-Chir. Soc.; Med. Soc. Lond.*
1760. SMITH, HUGH. On the use and abuse of Mineral Waters: also Rules necessary to be observed by individuals who visit the Chalybeate Spring of the Old and New Tunbridge Wells. London, 8vo.
Vide "Islington."
1766. BURR, T. B. History of Tunbridge Wells. London, 8vo. *Bibl. Med.-Chir. Soc. Lond.*

1791. BABINGTON, W. Analysis of the Medicinal Waters at Tunbridge Wells. London, 8vo.
1797. SPRANGE, J. Tunbridge Wells Guide. Tunbridge Wells, 8vo, plates.
1816. SCUDAMORE, SIR C. Analysis of the Mineral Waters at Tunbridge Wells, with some account of its medicinal properties. London, 8vo, pp. 58.
1820. SCUDAMORE, SIR C. *Vide* "Buxton," 1820.

WALTON, SALOP.

1787. JOHNSTONE, J. Of the Walton Water, near Shrewsbury. Worcester, 8vo. *Bibl. Med. Soc. Lond.*

WIGHT, ISLE OF.

1820. SCUDAMORE, SIR C. *Vide* "Buxton," 1820, also "Sandrocks."

WILLOWBRIDGE, STAFFORDSHIRE.

1676. GILBERT, S. Fons Sanitatis; or the healing Spring of Willowbridge, in Staffordshire, found out by Lady Jane Gerard, Baroness of Bromley, published for the common good by Samuel Gilbert, Rector of Quatt. London, 12mo.
- For a more recent and rather full account of this spring see Owen, "British Mineral Waters," p. 312, who quotes passages from Dr. Plot's "Natural History of Staffordshire" respecting its virtues.

WINGATE.

1792. DAVIDSON, S. History and properties of Wingate Spaw. London, 12mo. *Bibl. Med. Soc. Lond.*

WITHAM, ESSEX.

1737. TAVERNER, J. An Essay on the Witham Spa, or a brief enquiry into the nature, virtues, and uses of a Mineral Chalybeate Water at Witham. London, 8vo. *Bibl. Med. Soc. Lond.*

WORCESTERSHIRE.

1740. SHORT, T. *Vide* "British Mineral Waters," 1740.
1834. HASTINGS, SIR C. Illustrations of the Natural History of Worcestershire, &c., including also a short account of its Mineral Waters. London, 8vo, pp. 184.
1835. HASTINGS, SIR C. On the Salt Springs of Worcestershire; a Lecture. London, 8vo.

Both the general reader and the geological will find matter in this lecture to interest him.—*London Med. Gazette*, August, 22nd, 1835. *Vide* "Droitwich."

WOODHALL, LINCOLNSHIRE.

1867. CUFFE, R. *The Woodhall or Iodine Spa.* London, 8vo. Third ed. London, 1868, 8vo, pp. 27.

Contains a simple and interesting account of this spa, which, from its constituents and from the recorded experience of Mr. Cuffe, is evidently an agent of no mean value in all that class of cases usually benefited by the iodides and bromides.

MINERAL WATERS OF IRELAND.

1684. BELLON, P. *The Irish Spaw: being a short discourse on Mineral Waters in general...and a brief account of the Mineral Waters at Chappel-Isod, near Dublin.* Dublin, 12mo.

Bibl. Coll. Surg. Lond.

1724. TAAFE, —. *On the Mineral Spring at Ballyspellan.*

So high was the repute of this water at the time of the publication of this work that it was emphatically called "The Irish Spa." For an amusing notice of it, and of the poetical contest about it between Dr. Sheridan and Swift, see *Dublin Quart. Journ. Med. Sci.*, vol. iii, p. 260.

1772. BUTTY, J. *Natural History of the County of Dublin...and of some lately discovered Mineral Waters, particularly the Sulphureous Water at Lucan, and its medicinal virtues, &c.*

Dublin, 2 vols. 8vo.

1781. ELLIOT, J. *Vide "Great Britain," 1781.*

1825. RYAN, M. *Treatise on the most celebrated Mineral Waters of Ireland, &c., and of the Spa lately discovered at Brownstown, near Kilkenny.* Kilkenny, 8vo.

1845. KNOX, A. *The Irish Watering Places, &c., with analyses of the principal Mineral Springs by E. Kane.*

Dublin, 12mo, pp. 336.

Bibl. Med-Chir. Soc.

A useful, well-written, learned, and amusing work, containing in a small compass a great mass of information about our national watering places.—*Dublin Journ. Med. Sci.*, xxvii, 1845, p. 468.

1846. KNOX, A. *The Ballynahinch Mineral Waters.*

Belfast, 12mo, pp. 47.

1856. APJOHN, J. *The Spas of Lisdoonvarna, with a report, and analysis thereon.*

Dublin, 8vo, pp. 27.

A very interesting little pamphlet, containing a complete analysis of the sulphur and chalybeate spas which exist in County Clare, near one of the best sea-bathing districts on the west coast of Ireland.—*Dublin Quart. Journ. Med. Sci.*, November, 1856.

1867. FAUSSET, W. Mineral Springs of Lisdoonvarna, County Clare. Dublin, 8vo, pp. 20.
1871. MAPOTHEE, E. D. Lisdoonvarna Spa and Sea Side Places of Clare. Dublin, 8vo, pp. 47. Second ed. 1872. Third ed. 1876.
A thoroughly reliable guide to this spa.—*Dublin Quart. Journ. Med. Sci.*, August, 1871, p. 189.
1872. LABAT, A. Étude hydrologique du pays de Galles et d'Irlande. Paris, 8vo, pp. 31.
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GENERAL THERAPEUTICS, p. 1.

1776. MARRYAT, T. *Therapeutics, or the Art of Healing.*
Birmingham, 8vo.
The twenty-fourth edition of this work was published in 1816 by Sherwood.—*Druitt's Surgeon's Vade Mecum*, 9th ed., p. 826.
1843. HAGER, M. *Allgemeine Pathologie und Therapie, &c.*
Wien, 8vo.
1872. GIUDICE, G. *Ragione d'essere della Terapeutica.*
Torino, 8vo.
1874. SOGLIANO, M. *Il razionalismo e empirismo in Terapia.*
Napoli, 8vo.

SPECIAL THERAPEUTICS, p. 39.

1863. REDEB, A. *Pathologie und Therapie der venerischen Krankheiten.* *Add* Italian transl. by Dr. G. Bia, with additions by Prof. V. Tantarri.
Napoli, 1872, 8vo.
1863. ROSENSTEIN, S. *Die Pathologie und Therapie der Nieren Krankheiten.* *Add* Italian transl. by Dr. Napolitani.
Napoli, 1872, 8vo.
1864. DILLNBERGER, E. *Therapeutisches Recept-Taschenbuch für Frauen-und Kinderkrankheiten, &c.* *Add* Italian transl. by Dr. F. Franco.
Napoli, 1874, 16mo.
1870. ROSENTHAL, M. *Diagnostik und Therapie der Nerven-Krankheiten, &c.* *Add* Italian transl. by Dr. F. Bertè.
Napoli, 1872, 8vo.
1870. BOBBELLI, D. *Della Febbre: dottrina, nosografia e terapia generale, &c.*
Napoli, 8vo.

PERIODICALS AND JOURNALS RELATING TO THERAPEUTICS, p. 57.

GERMANY.

- "*Journal für Pharmakodynamik Toxicologie und Therapie,*" &c.
Herausgeg. von Drs. W. Reil und J. Hoppe, 1856. Berlin.

ITALY.

- "Rivista di Medicina, di Chirurgia e di Terapeutica dei Dott. Sorensina, Ricordi, e Scarenzio." Milano, 1873, 8vo.

ENGLAND.

- "Record of Pharmacy and Therapeutics." London, 1856-1858.

HYPODERMIC METHOD, p. 88.

1865. EULENBERG, A. Die hypodermatische Injection des Arzneimittels, &c. *Add Italian transl. by Prof. G. Rìa.*
Napoli, 1872, 8vo.

INHALATION, p. 92.

1767. STERN, P. Advice to the Consumptive—Treatment by Inhalation. Second ed. London. Nineteenth ed. 1778.
Bibl. Manchester Med. Soc.

ACIDS, p. 101.

1872. FARCY, A. *De l'empoisonnement par les Acides Minéraux.
Montpellier, 4to, pp. 39.

ALCALOIDS, p. 103.

1824. MARTIN-SOLON, F. Alcalia quædam vegetabilia novissime inventa, seu pura seu cum acidis composita, medicaminibus e quibus extrahuntur sunt-ne præstantiora, scilicet Morphina Opio, Quinina cortice Peruviano, Emetina radice Ipecacuanhæ? Paris, 4to.
1827. MÜLLER, HASSEN A. Diss. medico-pharmaceutica de principii Vegetabilium novissimis temporibus evolutis quæ Kalinoïda dicuntur, &c. Mosquæ, 8vo, pp. 160.
n. d. BOSQUET, Y. On the ways of the Alkaloids in the Human Economy. Sutton-in-Ashfield. *Bibl. Manchester Med. Soc.*

ANTACIDS, p. 127.

1701. BORNEMANNUS, J. C. De natura Antacidorum. Lugd.-Bat.
Bibl. Manchester Med. Soc.

ANTHELMINTICS, p. 127.

1834. CHEVANNE, J. *Des Ténias, et des diverses méthodes employées pour les détruire, &c. See Punica Granatum.
Montpellier, 4to.

ANTI-PHLOGISTICS, p. 130.

1824. FOURCAET, J. B. Observations tendant à prouver l'utilité des émissions sanguines, et du traitement Antiphlogistique en général dans beaucoup de maladies des vieillards. Paris, 8vo.
1874. TROUËSSARD, E. L. Contribution à la pathologie et à la thérapeutique générale de l'Inflammation. Recherches sur l'emploi rationnel des émissions sanguines et de la Méthode Antiphlogistique dans les Maladies Inflammatoires. Paris, 8vo.

DIURETICS, p. 153.

1851. **BANKE, H.** *Physiologische-chemische Untersuchungen über das Verhalten einiger organischen Stoffe im menschlichen Organismus, nebst Versuchen über die diuretische Wirkung mehrerer Arzneimittel. Erlangen, 8vo. *Bibl. Coll. Surg. Lond.*

FEBRIFUGES, p. 161.

1856. **MOUCHON, E.** Monographie des principaux Fébrifuges indigènes considérés comme succédanés du Quinquina. Paris, 8vo.

METALS, p. 167.

1837. **KÖCHLIN, J. R.** Von den Wirkungen der gebräuchlichen Metalle auf den menschlichen Organismus, &c. Zürich, 8vo, pp. 186. *Vide* "Cuprum," 1837.

NARCOTICS, p. 169.

1836. **LESZIG, E.** *De Narcoticorum in infantibus usu. Dorpati, 8vo.
1868. **KANNY LOLL DEY.** On the uses of Narcotics and Stimulants, and their effects on the human constitution. Calcutta, 8vo. *Bibl. Coll. Phys. Edin.*

EGLE MARMELOS, p. 206.

1878. **FAYREB, Sir J.** On the Bael Fruit, and its medicinal properties and uses. (Reprint from *Med. Times and Gazette*.) London, 8vo, pp. 29.

An excellent little *brochure*, containing a full and lucid summary of all that has been recorded with regard to the Bael fruit and its uses.

ALCOHOL, p. 208.

1867. **LOUREIRO, J. C.** Quelques remarques pratiques sur l'Ophthalmo-Nicotisme, et sur Ophthalmo-Alcoolisme; communication faite au Congrès International périodique d'Ophthalmologie de Paris, &c., 1867. Paris, 8vo, pp. 51.

AMMONIA, p. 222.

1749. **BERTIN, J. E., et MORAND, J. F. C.** *Ergo specificum Viperae morsus antidotum Alkali Volatile. (Ex. in *Haller, Disp. Med. Pract.*, vol. vi.) Paris, 8vo. *Bibl. Med.-Chir. Soc.* (Haller).

ANDIRA (GEOFFROYA) INERMIS, D.C., p. 229.

1813. **SINCLAIR, G.** *De viribus anthelminticis Geoffræe inermis, &c. Edin. 8vo. *Vide* "Mucuna pruriens," 1813.

ANTIARIS TOXICARIA, p. 233.

1872. **FORNARA, D.** Studi sperimentali sopra l'azione dell' Upas antiar e del veleno del rospo fatti nel museo geologico della R. Università di Bologna. Genova, 16mo.

ANTIMONIUM TARTARATUM, p. 239.

1833. LANGFORD, J. The treatment of Asiatic Cholera with Tartarized Antimony. London, 8vo. *Bibl. Manchester Med. Soc.*
 1863. PÉCHOLIER, G. Recherches expérimentales sur l'action physiologique du Tartre Stibié. Paris, 8vo, pp. 44.

ANTIMONII TERCHLORIDUM (BUTTER OF ANTIMONY).

873. NIKIPHORAKIS, M. *Études sur l'étiologie, &c., de la Tumeur et de la Fistule Lacrymales. Traitement par la cautérisation avec le Beurre d'Antimoine. Paris, 4to.

ARSENIC, p. 256.

1850. BAILLY, P. H. H. *Clinique Médicale de l'Hôpital Militaire du Roule. I. Étude sur l'emploi thérapeutique des préparations Arsenicales, &c. Paris, 4to, pp. 53.

CANNABIS SATIVA, p. 304.

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INDEX OF DISEASES.

The figures indicate dates (unless otherwise stated) at which, under the respective articles, mention of the disease occurs.

Where a small numeral between brackets occurs after a date, it signifies the number of works on the subject published in that year.

Abortion. Chloral (with opium), 1873. Opium, 1864. See also *Labour, premature.*

Abdomen, tubercular disease of. Iodine, 1824.

Abscess. Special Therapeutics, 1856 (Joachim). Antiseptics, 1875. Caustics, 1779. Collodion, 1854. Ferrum, 1738. Iodine, 1831, 1839, 1848, (injections of) 1853, 1854. Salix, sp. of, 1792.

"Absinthisma." Alcohol, 1864. Artemisia absinthium (Absinthe) 1862, 1864, 1867, 1871.

Acids, mineral, poisoning by. Acids, 1804, 1872 (in Addenda, p. 806).

Acne. Hydrargyri iodidum, 1857. Sapo, 1875.

Acute Diseases. Special Therapeutics, 1810 (Aubry). Alteratives, 1859. Purgatives, 1775, 1834, 1852. Stimulants, 1860. Vesicants, 1768. Alcohol, 1867, 1872. Antimonium tartaratum, 1806. Hydrargyrum (Ptyalism), 1824. Phosphorus, 1818. Quinine, 1857. Vinum, 1600. Water, 1863, 1874.

Ague. See *Fever, intermittent.*

Air-passages. See *Lungs.*

Albuminuria. Diuretics, 1864. Alcohol (as a cause of), 1874. Calcis phosphas, 1868. Iodine, 1869. Nitric acid, 1843.

Alcoholismus. Alcohol, 1851 (Huss), 1855 (Monguzzi), 1860 (Racle, Marcet), 1864 (Voisin), 1866 (Juliano), 1867 (Foville), 1868 (Leclère), 1869 (Gachet), 1870 (Langlois), 1870 (Bouvet), 1871 (Castoldi), 1872 (Marty), 1873 (Troyon), 1873 (Gambus), 1873 (Magnan), 1874 (Pauchon), 1875 (Marfaing), &c.

Alkalies, poisoning by. Alkalies, 1842.

Anasarosis. Alcohol (as a cause of), 1850. Arnica, 1773. Hydrargyrum (Ptyalism), 1713. Strychnia, 1835, 1871. Veratris, 1834.

Amblyopia. Alcohol (as a cause of), 1850, 1868. Iodine, 1857. Strychnia, 1871. Tabacum (as a cause of), 1868.

Amblyopia nicotinicæ. Quinine, 1873 (3).

Amenorrhœa. Art. "Emmenagogues," p. 159. Ammonia, 1823. Ammouii chloridum, 1796. Apiol, 1855, 1864. Ferri iodidum, 1834. Juniperus communis, 1818. Ruta graveolens, 1818. Solanum Dulcamara, 1771. Strychnia, 1830.

Anæmia. Ferrum, 1863. Ferri acetat, 1866. Ferri lactas, 1840. Sea-water (internally), 1875.

Anasarca. See *Dropsy.*

Aneurism. Antiphlogistica, 1826. Digitalis, 1819, 1875. Ferri perchloridum, 1854 (2), 1855, 1857, 1858. Iodine (Iod. of potassium), 1863.

"*Angine couenneuse.*" See *Laryngismus stridulus*.

Angina laryngea. See *Croup*.

Angina pectoris. Special Therapeutics, 1865 (Ullersperger), Aconitum napellus, 1846.

Anthrax. See *Carbuncle*.

Anus, affections of. See *Rectum*.

Aphonia. Topical Medication, 1854.

Aphtha, and Aphthous ulceration. See *Stomatitis*.

Apoplexy. Special Therapeutics, 1691 (Camper), 1791 (Bezdol), 1811 (Richelmi), 1866 (Mushet), Ammonia, 1777, 1779. Antimonium tartaratum (as preventive), 1817. Coffea Arabica (Coffee as a predisposing cause), 1718. Oxygen, 1868. Sodæ carbonas (alkalies), 1854.

Arsenic, ill effects of, and poisoning by. See "Arsenic, Toxicology of," p. 263.

Articular affections. See *Joints*.

Arthritis. See *Gout*.

Ascarides. See *Worms*.

Ascites. See *Dropsy*.

Asphyxia. Special Therapeutics, 1825 (Plisson). Ammonia, 1777, 1779 (against). Oxygen, 1784. Tabacum (glysters of), 1797.—*From Carbonic acid and Charcoal fumes*, p. 311.—*From Drowning.* Special Therapeutics, 1799 (Bloesch) Tabacum (enemas of tobacco smoke), 1785, 1797.

Asthma. Special Therapeutics, 1752 (Wendt). Inhalation, 1829, 1830, 1837, 1847. Diaphoretics, 1705. Diuretics, 1623. Purgatives, 1696. Nitrite of Amyl, 1873. Antimonium tartaratum, 1817. Assafoetida, 1769. Colchicum, 1763, 1777. Datura Stramonium, 1811 (2) 1835, 1836. Digitalis, 1785, Gambogia, 1628. Gratiola officinalis, 1813. Hydrocyanic acid, 1819, 1820. Ipecacuanha, 1774. Lobelia inflata, 1829, 1830. Mentha, 1767. Oxygen, 1845, 1868. Phellandrium aquaticum, 1771. Scilla maritima, 1722, 1737, 1759. Senega, 1782. Sinapis (sinapisms), 1636. Tabacum (smoking), 1610, 1648, 1700. Taraxacum, 1764. Valeriana officinalis, 1828. Zinci sulphas, 1791. Water, 1689.

Ataxy, progressive locomotor. Arsenic, 1865. Argenti nitras, 1862, 1863. Phosphorus, 1868, 1869.

Atrophy. Glechoma hederacea, 1737.

Atropia-poisoning. See *Belladonna*.

Belladonna, poisoning by. Atropa Belladonna, 1810, 1869. Opium, 1810, 1866, 1869. Physostigma venenosum (as antagonistic to Atropia), 1870, 1873, 1876.

Bilious and Biliary affections. See *Liver and Gall-stones*.

Bladder, affections of. Diuretics, 1713. Camphor (and Hyoscyamus), 1826. Cantharides, 1698, 1808. Carbonic acid, 1864. Terebinthina, 1699, 1818, 1819. Uva Ursi, 1764. Veronica officinalis, 1694.—*Paralysis of.* Cantharides, 1806. Ergot, 1860.—*Hæmorrhage from.* See *Hæmaturia*.—*Inflammation of.* See *Cystitis*.

Blenorrhagia. See *Gonorrhœa*.

"*Blépharite ciliare*" Special Therapeutics, 1873 (Hermanowicz).

Bones, affections of. Argenti nitras, 1871. Iodine, 1831. Juglans regia, 1841. Morrhua oleum, 1843. See also *Caries, Exostosis, and Syphilis*.

Bowels, affections of. Egle Marmelos, 1853, 1854. Ailantus excelsa, 1870. Carbo vegetab., 1855, 1865.—*Spasms of.* Linum (linseed oil), 1767.—*Obstructions of.* Hydrargyrum (crude mercury), 1786. Serum Lactis, 1664.—*Constipation of.* See *Constipation*.

Brachialgia. Morphia (hypodermically), 1872.

Brain, diseases of. Special Therapeutics, 1825 (Guérin), 1844 (Pinel), 1854 (Leubuscher). Narcotics, 1654. Tonics, 1843. Hydrocyanic acid, 1825.—*Softening of.* Special Therapeutics, 1862 (Romand-Picquand).—*Irritation of.* Thea Chinensis (green tea), 1827.—*Inflammation of.* See *Meningitis*.

Breast. See *Mamma*.

Bright's Disease. Special Therapeutics, 1856 (Welenzas) Lac (Skim-milk), 1871. Nitric acid, 1843.

Bronchitis. Inhalation, 1837, 1841. Antimonium tartaratum, 1845. Oxygen, 1868. Sulphur (inhalations), 1866. Tabacum (snuff-taking as a preventive), 1870.—*Acute.* Nitrite of Amyl, 1873. Physostigma venenosum, 1863.—*Chronic.* Morphia, 1856. Phellandrium aquaticum, 1828.

Bronchocèle. Hypodermic method, 1875. Ferri iodidum, 1834. Iodine, 1821, 1824, 1825, 1838, 1848 (Injections iodées), 1872 (ditto). See also art. "Strychnia," 1880.

Bruises. Arnica, 1719. Sibura (Oil of laurel), 1830.

Bubo. Special Therapeutics, 1820 (Müller). Emollients (cataplasma), 1819. Vesicants, 1862. Iodine, 1854.—*Suppurated.* Injections into closed cavities in, 1847. Iodine (injections), 1847.

Burns and Scalds. Special Therapeutics, 1843 (Winder). Ammonia, 1777. Argenti nitrus (externally), 1850. Carbolic acid (Phénol sodique), 1865. Collodion, 1854. Gossypium (Cotton), 1831. Iodine (locally), 1839. Momordica Balsamina, 1720. Succinum (Vernix succinata), 1783. Typha latifolia, 1833. Water (as sole dressing), 1816.

Cachexia. Special Therapeutics, 1834 (Brandis). Arsenic, 1865, 1866. Carbonic acid, 1779.—*Arising from Intermittent Fever.* Cinchonine, 1816.

Calculus Affections. Special Therapeutics, 1806 (Malvigne), 1816 (Marie de Saint-Ursin), 1821 (Fenner). Cantharides, 1741. Carbonic acid, 1778, 1779, 1787. Citrus (Lemon juice), 1653. Guaiacum, 1536. Hypericum perforatum, 1716. Juniperus communis, 1864. Lithium (salts of), 1873. Pareira Brava, 1719. Ol. Ricini, 1764. Saps (Soap lye), 1745. Sodæ bicarbonas, 1826. Sulphuric acid, 1780. Tabacum, 1669. Thea Chinensis, 1684. Water, 1724. Bristol mineral waters, 1652.

Calculi, solvents of. Art. "Lithontriptics," p. 163. Aq. Calcis, 1743, 1764. Carbonic acid, 1777. Gastric juice, 1802. Uva Ursi, 1764.—*Renal.* Lithium (salts of), 1873.

Cancer. Special Therapeutics, 1856 (Parker), 1871 (Devergie), 1872 (Arnott). Intraleptic method, 1856. Hypodermic method, 1869. Local Anæsthetics (cold), 1851. Caustics, 1856, 1868. Acetic acid (subcutaneous injection of), 1866. Aconitum napellus, 1762, 1845. Arsenic, 1774, 1809, 1816. Arsenical paste, 1817 (ditto); 1820, 1825, 1840. Atropa Belladonna, 1739, 1760, 1765, 1826. Aq. Calcis, 1769. Calcis carbonas, 1802. Carbolic acid, 1865. Carbonic acid, 1794. Cimicifuga foetida, 1774. Cinchona, 1746. Clematis erecta, 1769, 1777. Conium, 1760, 1761 (3), 1763 (3), 1764 (2), 1765, 1766 (2), 1767 (2), 1771. Conia, 1852. Cundurango, 1873. Ferri carbonas, 1806. Gastric juice (locally), 1869. Hydrargyrum, 1632, 1755, 1756. Lac (milk diet), 1749. Lacerta, sp. of, 1782, 1784 (2), 1785. Nitric acid (locally), 1847. Onopordum acanthium, 1739. Oxygen, 1868. Plocaria helminthocorton, 1822. Potassæ nitras, 1820. Sanguinaria Canadensis, 1857. Sedum acre, 1784. Zinci chloridum, 1835, 1836, 1862, 1866.

Carbon, Sulphuret, injurious effects of. Caoutchouc, 1856 1863. Art. "Sulphuret of Carbon," 1867, 1872, 1874.

Carbuncle. Cinchona, 1866. Iodine (locally), 1839. Juglans regia, 1857.

Carcinoma. See *Cancer*.

Cardialgia. Bismuth, 1792. Lactuca (virosa), 1837.

Caries. Special Therapeutics, 1868 (Magitot). Artemisia moxa (Moxa), 1817, Barium, 1851. Conium, 1761. Oleum Morrhus, 1861, 1869. Phosphoric acid, 1802, 1808. Ol. Terebinthinæ, 1869.

Cataract. Special Therapeutics, 1853 (Richard). Aconitum napellus, 1856. Arnica, 1856. Phosphorus, 1871.

Catarrhal Affections. Inhalation, 1829, 1855. Digitalis, 1801. Euphrasia officinalis, 1857. Hydrocyanic acid, 1819. Opium, 1691. Sulphur, 1815. Tabacum, 1693. Vinum, 1644. Water, 1776. Sea-water, 1868.

Cerebral Affections. See *Brain, affections of.*

Cerebral Congestion. Arsenic, 1863, 1870. Sodæ carbonas (alkalies), 1854.

Chancres. Special Therapeutics, 1861-2 (Rollet), 1874 (Daffner).—*Phagedenic.* Calomel, 1862, 1868.

Charcoal, burning, noxious effects of. Art. "Carbo. vegetabilis," p. 311. Carbonic acid, 1782, 1785.

Cherry-laurel, poisoning by. See *Prunus Laurocerasus*, p. 644.

Chilblains. Collodion, 1854. Iodine, 1839.

Children, Diseases of. See *Infancy.*

Chlorosis. Special Therapeutics, 1823 (Kummer), 1826 (Hildebrand). Purgatives, 1805. Arsenic, 1865. Ferrum, 1761, 1832, 1839, 1847, 1863. Ferri bromidum, 1875. Ferri iodidum, 1834. Ferri lactas, 1840. Ferri sulphas (et Potassæ carb.), 1832. Gratiola officinalis, 1775. Phosphorus, 1815. Sea-water (internally), 1875. Bath mineral waters, 1800.

Cholera. Special Therapeutics, 1832 (Bartels), 1832 (Prost), 1835 (Pullino), 1837 (Perone), 1838 (Schartler), 1849 (Henriques), 1860 (Lichtenstein), 1865 (Pacini), 1868 (Toffoletto), 1871 (Robbe). Fumigation, 1836. Venous injections, 1855, 1866, 1873, 1874. Acids, 1854. Alkalies, 1832, 1850. Anthelmintics, 1874. The Chlorides (as prophylactic), 1832. Cholagogues, 1866. Disinfectants, 1832, 1867, 1871. Evacuants, 1866. Metals, 1853. Purgatives, 1849. Salines, 1832, 1864, 1866. Aconitum napellus, 1866. Ailantus excelsa, 1870. Alcohol, 1833. Antimonium tartaratum, 1833 (in Addenda, p. 808), 1834. Argenti nitras, 1849. Arsenic, 1871. Bismuth, 1831, 1832. Calcis carbonas, 1855. Calumba radix, 1854. Camphor, 1848, 1853, 1857. Cannabis sativa, 1839. Cantharides (externally to abdomen), 1830. Carbolic acid, 1865. Carbonic acid, 1831, 1836. Chloral (?), 1873. Chlorine, 1831, 1835, 1849, 1867. Chloroform, 1856. Collodion (to abdominal surface), 1869. Cuprum (prophylactic and curative), 1853, 1867 (2), 1873. Drosera rotundifolia, 1867. Ergot, 1849. Ether (sulphuric), 1857. Ferri ammonio-citras, 1867. Ferri citras, 1868. Ferri perchloridum, 1866. Calomel, 1833, 1834, 1850, 1866 (in Addenda, p. 809). Hydrargyri sulphuretum nigrum, 1872, 1875. Hydrocyanic acid (connection between), 1868, 1874. Juniper communis (oleum), 1831. Mastranzo, 1860. Mikania Gusaco, 1832, 1853. Peroxide of nitrogen, 1831, 1832. Opium, 1830, 1832. Oxygen, 1832 (2), 1849, 1855. Platanus orientalis, 1837. Liqueur Potassæ, 1834. Quassia (hypodermically), 1859. Quinine, 1836 (as a preservative), 1865. Rhubarb, 1828. Sinapis (sinapisms), 1865. Strychnia 1854 (3). Sulphur, 1849, 1854, 1866. Sulphuric acid, 1854, 1855. Sumbul, 1850. Tannin, 1848. Zinci valerianas, 1856. Water, 1849, 1853, 1854 (hot water applications), 1855, 1862 (copious draughts of).—*Infantile.* Alcohol, 1873.

Chorea. Purgatives, 1805. Antimonium tartaratum (externally), 1822. Arsenic, 1837, 1868. Atropiæ valerianas, 1866. Chloral, 1869. Esarine, 1875. Ether (spray of, to spine), 1875. Hyosciamine, 1875. Iodine, 1825. Potassii bromidum, 1870. Viscum album, 1719. Zinc, 1812.

Chronic Diseases. Special Therapeutics, 1805 (Giraudy), 1844 (Dobreyne), Fumigation, 1862. Alteratives, 1859. Purgatives, 1805, 1834. Conium, 1765. 1771. Ferrum, 1751. Serum Lactis (whey-cure), 1860. Phosphorus, 1818. Rhubarb, 1771. Water, 1863. Bath mineral waters, 1822, 1850. Bristol waters, 1739.

Circulatory Organs, affections of. Special Therapeutics, 1861 (Günzburg).

- Colic.* Special Therapeutics, 1820 (Marmet). Purgatives, 1684. Chloroform, 1857. Cocos Maldivica, 1634. Conium, 1763. Mentha, 1767. Opium, 1784, Ricinus (Castor oil), 1806. Tabacum, 1785.—*Hepatic.* Chloroform, 1861. Ol. Terebinthinæ (with sulphuric ether), 1790.
- Colica pictonum.* Antiphlogistics, 1826. Atropa Belladonna, 1850. Ferri carbonas, 1844. Linum (Linseed oil), 1767. Ricinus (Castor oil), 1764.
- Colour-blindness.* Alcohol (as a cause of), 1871. Tabacum (ditto), 1871.
- Condylomata.* Chloracetic acid, 1868.
- Conjunctiva, affections of.* Calomel, 1832.
- Constipation.* Emetics, 1822.—*Habitual.* Enemas 1830. Fel (Ox-gall), 1846.
- Consumption.* See *Phtisis.*
- Contagious Diseases, prevention and cure of.* Art. "Disinfectants," p. 149. Sulphur (sulphurous acid gas), 1866. Chlorine, 1833.
- Convulsions and Convulsive Diseases.* Special Therapeutics, 1717 (Fischer), 1792 (Moritz). Antiphlogistics, 1872. Cannabis sativa, 1839. Chloroform, 1859. Cocos Maldivica, 1634. Datura Stramonium, 1772, 1777. Hyoscyamus 1777. Hyoscyamine, 1873. Moschus, 1780. Opium, 1806. Rhus radicans, &c., 1799. Viscum album, 1719, 1783. Zinci sulphas, 1772.—*Puerperal.* Chloral, 1873, 1874. Chloroform, 1867, 1871. Ergot (as predisposing to), 1842. Potassii bromidum, 1870.—*Infantile.* Cannabis sativa, 1839.
- Cornea, ulcers of, &c.* Special Therapeutics, 1870 (Saemisch). Calomel, 1832.
- Copper Poisoning.* See art. "Cuprum," p. 392. Saccharum, 1832.
- Corrosive Sublimate Poisoning,* p. 601.
- Coughs.* Inhalation, 1830, 1837. Antimonium tartaratum (externally), 1808. Colchicum, 1793. Euphrasia officinalis, 1857. Gratiola officinalis, 1813. Hydrocyanic acid, 1819 (2). Hyoscyamus, 1777. Ipecacuanha, 1774. Lichen pyxidatus, 1785. Lobelia inflata, 1829.—*Convulsive.* See *Pertussis.*
- Cosalgia.* Special Therapeutics, 1867 (Philippeaux).
- Croup.* Special Therapeutics, 1816 (Krieger), 1865 (Herland). Inhalation, 1829, 1834, 1867. Emetics, 1867. Topical remedies, 1834, 1849, 1854. Alum, 1867. Antimonium tartaratum, 1867, 1872. Argenti nitras, 1849, 1867. Moxa, 1826. Carbolic acid, 1873. Copaiba, 1866. Cubebs, 1866. Cuprum, 1852. Ferri perchloridum, 1859, 1869. Glycerine, 1870. Hydrargyri sulphuretum, 1867, 1868. Lactucarium, 1820. Potassii sulphuretum, 1815. Sodæ biboras, 1860.
- Crusta lactea (Porrigo larvalis).* Viola tricolor, 1779.
- Cynanche maligna.* Acetum, 1772. Ammonia (carb. of), 1802. Cinchona, 1786.—*Trachealis.* See *Croup.*
- "*Cystitis ammoniacale.*" Benzoic acid, 1874.
- "*Cystitis hæmorrhagique.*" Balsamics, 1861.
- Cystitis, chronic.* Argenti nitras (injections of), 1849, 1872.
- Cysts, sebaceous.* Antimonium tartaratum (injections of), 1872.
- Dartre.* See *Herpes.*
- Deafness.* Ether, 1860 (2). Glycerine, 1851. Iodine, 1825.—*Nervous.* Hydrargyrum, 1822.
- Debility.* Special Therapeutics, 1820 (Rousseau). Argenti oxidum, 1852. Eupatorium perfoliatum, 1813. Vinum, 1721 (Hungarian wines), 1721, 1759.—*Nervous.* Oxygen, 1800, 1845.—*Diseases of indirect.* Hydrargyrum, 1797. Phosphorus, 1800.
- Delirium.* Camphor, 1763. Datura, 1762. Hyoscyamus niger, 1762. Opium, 1809.—*Traumatic.* Opium (endermically), 1836.
- Delirium Tremens.* Special Therapeutics, 1829 (Neubert). Inunction, 1850. Alcohol (treatment without stimulants or opiates), 1854. Arsenic, 1867. Can-

nabis sativa, 1839. Datura Stramonium, 1762. Digitalis, 1835, 1866. Opium, 1864. Physostigma venenosum, 1863. See also *Alcoholismus*.

Diabetes and Diabetes mellitus. Special Therapeutics, 1803 (Dietrel), 1828 (Stosch), 1865 (Grünbaum, 1869 (Bronardel), 1871 (Durand-Fardel), 1873 (Lecorché), 1873 (Foster), 1874-5 (Külz). Arsenic, 1871. Creasote, 1835. Ergot, 1867. Iodine, 1865. Lac (Ass's milk), 1672, 1871 (Skim-milk). Morphia. 1873. Opium, 1820. Oxygen, 1868. Rhubarb, 1733, 1737. Sea-water (internally), 1875. Bristol mineral waters, 1740.

Diarrhœa. Egle Marmelos, 1853, 1854. Antimonium, 1833. Chrome (sesquioxide of), 1868. Hæmatoxyton, 1780. Ipecacuanha, 1706. Kalmia latifolia, 1802. Kino, 1757. Krameria, 1822. Lac (Milk diet), 1872, 1873. Monesia, 1839. Plumbum (enemas of acetate of lead), 1855. Rhubarb, 1567, 1752. Simaruba, 1730, 1758. Sulphuric acid, 1854. Zinci oxidum, 1874. — *Chronic or Habitual*. Argenti oxidum, 1852. Ergot, 1859. Fel (Ox-gall), 1846. Strychnia, 1830. — *Choleraic "cholérine"*. Cholagogues, 1866. Chlorine, 1867. Collodion (to abdominal surface), 1869. Sulphuric acid, 1854.

Digestive Organs, affections of. Special Therapeutics, 1857 (Delore et Thurnam), 1875 (Tropœa). Enemas, 1832. Emetics (improper use of in), 1806. Lactates, alkaline 1862 (2). Carbo vegetab., 1855, 1865. Carbonic acid, 1864. Centaurea centaurium, 1765. Cornus circinata, 1828. Fel (Ox-gall), 1846. Potassæ acetat, 1869. Serum Lactis (whey-cure), 1860. Rhubarb, 1865. Cheltenham waters, 1821. See also *Stomach, affections of*.

Diphtheria. Special Therapeutics, 1871 (Fleury), 1875 (Du Petri). Balsamics, 1874, 1875. Caustics, 1875. Permanganates (locally), 1866. Sulphites, 1869, 1874. Calcis phosphas, 1868. Copaiba, 1866. Cubeba, 1866, 1870. Ferri perchloridum, 1864, 1867. Hydrargyri cyanidum, 1868. Potassæ chloras, 1856, 1862. Quinine (as a gargle), 1875. Sulphur, 1866, 1874.

Diplopia. Special Therapeutics, 1863 (Giraud-Teulon).

Dislocations, to reduce. Anæsthetics, 1857. Chloroform, 1848.

Dropsy. Special Therapeutics, 1617 (Bertram), 1804 (Döring), 1824 (Venables), 1862 (Fourès), 1865 (Cantani). Inunction, 1822, 1850. Injections into closed cavities, 1850. Diaphoretics, 1715. Diuretics, 1681, 1720, 1786. Purgatives, 1825, 1860. Asarum Europæum, 1721. Cainca radix, 1827, 1828, 1831. Cajeputi oleum, 1754. Cimicifuga fœtida, 1774. Cinchona, 1738, 1740, 1782, 1809. Colchicum, 1763, 1764, 1777. Colocynthis, 1822. Digitalis, 1785, 1789, 1790, 1799, 1807, 1809, 1826. Gambogia, 1628, 1638, 1777. Guaiacum, 1536. Hydrargyrum, 1820. Calomel, 1780. Iodine, 1832, 1850 (injections of), 1858 (2), ditto; 1861 (ditto); 1866 (ditto); 1870 (ditto). Lac (Milk), 1832, 1871, 1872. Opium, 1754. Potassæ acetat, 1857. Pyrola umbellata, 1814. Saccharum (sugar), 1845. Scilla maritima, 1715, 1722, 1759, 1797, 1871. Senega, 1782. Sodii chloridum, 1702. Solanum (nigrum), 1757. Spartium scoparium (Broom seed), 1783, 1835. Tabacum, 1648, 1785. Taraxacum, 1754. Thea Chinensis, 1692. Veratria, 1834. — *Scarlatinal*. Antimonium tartaratum, 1834.

Drowning. See *Asphyxia from drowning*.

Drunkennes. See *Ebrietas*.

Dysentery. Special Therapeutics, 1801 (Harles), 1828 (Malik). Enemas (large), 1833, 1849, 1850. Astringents, 1626. Cholagogues, 1866. Diuretics, 1643. Emetics, 1803. Evacuants, 1800. Purgatives, 1709. Aconitum napellus, 1849. Egle Marmelos, 1853, 1854. Argenti nitras, 1861, 1871. Atropa Belladonna, 1866. Bismuth, 1866, 1869. Calcis chloridum, 1827. Carbonic acid, 1836. Cocos Maldivica, 1634. Creasote, 1855. Ergot, 1859. Ferri perchloridum, 1856. Hæmatoxyton, 1780. Hydrargyrum, 1784, 1815, 1846. Hydrargyrum (Ptyalism), 1824. Calomel, 1825, 1865. Hydrarg. corrosivum sublimatum, 1738. Iodine (injections of), 1853. Ipecacuanha, 1688, 1690, 1696, 1698, 1705, 1706, 1732, 1745, 1764, 1774, 1872, 1875. Krameria, 1799 (?), 1822. Lac (milk), 1645, 1873 (3). Serum Lactis (whey), 1636, 1653. Lactuca, sp. of, 1780. Narcissus pseudo-narcissus, 1833. Opium, 1656, 1703, 1795, 1875. Opuntia Indica 1808. Orchis (Salep), 1738. Piper Betle, 1804. Plumbum (enemas of

acetate of lead), 1855. *Quercus* (acorns), 1782. *Rhubarb*, 1567, 1752, 1800. *Simaruba*, 1738. *Sodæ sulphas*, 1875. *Tabacum*, 1785.—*Camp or Scorbutic*. *Creasote*, 1855.

Dyemenorrhœa. *Apiol*, 1864.

Dyspepsia. *Egle Marmelos*, 1853. *Argenti oxidum*, 1852. *Chiretta*, 1830. *Fel* (Ox-gall), 1846. *Ferri iodidum*, 1834. *Hydrocyanic acid*, 1820. *Ipecacuanha*, 1806. *Maltine*, 1874. *Oxygen*, 1868. *Pancreatin*, 1874. *Pepsin*, 1854, 1856, 1858, 1874. *Quassia*, 1799. *Sinapis* (white mustard seed), 1826. *Strychnia*, 1835. *Bath mineral waters*, 1800.

Dyspnœa. *Special Therapeutics*, 1721 (Ludolph).

Dysphagia. *Iodine*, 1825.

Dysuria. *Purgatives*, 1696. *Tabacum*, 1785.

Ear, affections of. *Special Therapeutics*, 1863 (Triquet), 1868 (Menière). *Astringents*, 1866.

Ebrietas. *Ammonia*, 1820. *Amygdalus* (bitter almonds), 1586.

Eczema. *Hydrargyrum*, 1875 (in *Addenda*, p. 809).

Elephantiasis. *Arsenic*, 1803.

Ephidrosis. *Aconitum napellus*, 1855.

Emissions, nocturnal. *Ferri sulphas*, 1763.

Entozoa. *Special Therapeutics*, 1817 (Lundborg).

Epidemic Diseases. *Prophylactics*, 1813, 1815, 1852, 1878.

Epilepsy. *Special Therapeutics*, 1858 (Wittmaack). *Anodynes*, 1724. *Art. "Anti-epileptics,"* p. 129. *Narcotics*, 1769. *Amanita muscaria*, 1773. *Ammonia*, 1851. *Nitrite of Amyl*, 1875. *Argenti nitras*, 1826. *Argenti oxidum*, 1852. *Moxa*, 1827. *Artemisia vulgaris*, 1825, 1827. *Atropa Belladonna*, 1783. *Atropiæ valerianæ*, 1858. *Citrus* (orange leaves), 1766. *Cocos Maldivica*, 1634. *Convallaria majalis*, 1737. *Creasote*, 1836. *Cuprum* (*Ammoniacal sulphate of copper*), 1851, 1870. *Datura Stramonium*, 1762, 1777. *Dictamnus albus*, 1777. *Digitalis*, 1785, 1823, 1841, 1860. *Guaiacum*, 1536, 1593. *Hyoscyamus*, 1762. *Indigo*, 1834. *Oleum animale empyreumaticum*, 1725, 1732. *Oxygen*, 1800, 1868. *Pœonia officinalis*, 1680. *Phosphorus*, 1851. *Picrotoxine*, 1875. *Potassii bromidum*, 1865, 1867, 1868, 1869, 1871. *Rhus radicans*, &c., 1799. *Strychnia*, 1867. *Strychnos Ignatii* (*St. Ignatius' Bean*), 1793. *Strychnos nux vomica*, 1788. *Sumbul*, 1850. *Thea Chinensis*, 1672. *Valeriana officinalis*, 1828. *Viscum album*, 1719, 1806. *Zinci sulphas*, 1772, 1870. *Zinci lactas*, 1856.

Épilepsie absinthique. *Artemisia absinthium*, 1871.

Epistaxis. *Ergot*, 1831.

Ergotism. *Art. "Ergot,"* 1710 et seq.

Erysipelas. *Purgatives*, 1780. *Aconitum napellus*, 1845. *Alcohol*, 1870. *Ammonia* (locally), 1802. *Argenti nitras* (externally), 1850. *Collodion*, 1854 (2). *Ferri perchloridi tinct.*, 1851, 1857, 1858, 1864. *Hydrargyrum*, 1837 (mercurial frictions). *Iodine* (locally), 1839, 1853. *Physostigma venenosum*, 1863. *Quinine*, 1863.

Erythema. *Local Anæsthetics* (congelation), 1854.

Exanthemata. *Enemas*, 1756, 1757 (2). *Refrigerants*, 1778. *Sulphites* (alkaline), 1862. *Vesicants*, 1758. *Aqua Calcis*, 1743. *Ledum palustre* (locally), 1775. See also *Variola*, *Rubeola*, &c.

Exostosis. *Hydrargyrum* (mercurial frictions), 1756.

External Diseases. *Iatralaptic method*, 1804. *Acids*, 1807. *Alcohol*, 1791. *Lepidium rudemale*, 1816.

Eye, diseases of. *Special Therapeutics*, 1835 (Labat), 1841 (Furnari), 1844 (Rognetta), 1852 (Sichel). *Inhalation* (atomised fluids), 1862. *Topical remedies*, 1804. *Argenti nitras*, 1837, 1840, 1842, 1854. *Atropa Belladonna*, 1802. *Bigonia catalpa*, 1834. *Citrus* (oil of, locally), 1828. *Collodion*, 1872. *Euphrasia*

officinalis, 1717, 1857. *Herniaria glabra*, 1706. *Hydrargyrum*, 1841. Calomel, 1832. Hydrocyanic acid (vapour), 1843. Hyoscyamine, 1875. Iodine, 1859. Morphia, 1826, 1869. *Physostigma venenosum*, 1863 (2), 1864, 1874. *Plumbum* (*P. acetis*), 1849. *Strychnia*, 1873. *Tabacum*, 1865, 1867. *Ol. Terebinthinæ*, 1829. *Valeriana officinalis*, 1732. *Zinci sulphas*, 1772.—*Catarrhal inflammation of*. *Euphrasia officinalis*, 1857.—*Veneral and other inflammation of*. *Ol. Terebinthinæ*, 1829.

Eye, operations on. Anæsthetics, 1850, 1852, 1855, 1861, 1872, 1875 (2). *Atropa Belladonna*, 1802.

Fever and Fevers generally. Special Therapeutics, 1695 (Stahl), 1709 (Torti), 1755 (Heister), 1836 (Reiss), 1850 (Bischoff), 1875 (Liebermeister). Inunction, 1850. Acids, 1697, 1813. Antiphlogistics, 1862, 1869. Aperients, 1733, 1813. Diaphoretics, 1705, 1749. Emetics, 1699, 1780, 1783, 1818. Art. "Febrifuges," p. 161. Purgatives, 1628, 1780, 1807, 1824. Refrigerants, 1569 et seq. Stimulants, 1860. Sulphites, 1862. Tonics, 1796. Vesicants, 1752, 1776. Alcohol, 1866. Antimony, 1773, 1774, 1783. *Antimonium tartaratum*, 1774, 1801 (in large doses), 1817 (in small doses), 1842. "Art. "Pulvis Jacobi," p. 245. *Arnica*, 1775, 1778. *Artemisia cœrulescens*, 1800. *Aurum*, 1762. *Calcis chloridum*, 1827. *Citrus* (Lemon juice), 1665. *Digitalis*, 1862. *Eupatorium perfoliatum*, 1813. *Geum urbanum*, 1784, 1786. *Hydrargyrum*, 1804, 1813, 1823, 1846. Iodine, 1857. *Ipecacuanha*, 1732, 1754, 1774. *Lac* (milk), 1820. *Opium*, 1693 (enemas of), 1780, 1784 (2), 1786, 1800, 1809 (opiate friction), *Sodii chloridum*, 1702. *Vinum*, 1630, 1654, 1703 (Rhine wine), 1797, 1798. *Water*, 1559, 1684, 1691, 1722, 1725, 1726, 1774, 1797 (affusion, Currie), 1799, 1804, 1805, 1808, 1811, 1815, 1817 (2), 1818 (2), 1820 (2), 1822, 1823 (2), 1824, 1836, 1853, 1861, 1868, 1869, 1872, 1873, 1874.

Fever, Acute, Inflammatory, "Ardent," and Continued. Special Therapeutics, 1772 (Baldinger). Inunction, 1850. Enemas, 1757. Acids, 1781. Diaphoretics, 1780. Evacuants, 1784. Purgatives, 1706. Vesicants, 1776. *Aconitum napellus*, 1856. Alcohol, 1867. Camphor, 1712. Camphor (with calomel) 1771. *Cinchona*, 1767, 1775. Calomel (with camphor), 1771, 1825. *Ipecacuanha*, 1754. *Manganese*, 1793. *Opium*, 1860. Quinine, 1866. *Senegæ radix*, 1740. *Valeriana officinalis*, 1789. *Vinum*, 1630. *Water*, 1559, 1591, 1723, 1820, 1824.

Fever, Intermittent. Special Therapeutics, 1777 (Mera), 1829 (Dompierre), 1831 (Guérin), 1841 (Ritter). Endermic method, 1834 (2). Art. "Antiperiodica," p. 130. Diaphoretics, 1696. Emetics, 1782, 1783, 1803. Febrifuges, 1798, 1809, 1811, 1813, 1850. Narcotics, 1780. Sulphites and Hyposulphites, 1862, 1872. Topical med., 1873. *Aconitum napellus*, 1856. *Æsculus Hippocastanum*, 1733, 1780, 1782, 1788, 1810. *Ammonii chloridum*, 1716. *Angusturæ cortex*, 1791. *Anthemidis flores*, 1757, 1775, 1783, 1810. *Antimonium*, 1792. *Apiol*, 1855. *Aranea* (Spider's web), 1686, 1809, 1811. *Arsenic*, 1786, 1804, 1809 (2), 1811, 1812 (against), 1813, 1842, 1850, 1851, 1857, 1863, 1864, 1866 (2). *Bebeerine*, 1835, 1845. *Berberine*, 1853. *Bittéra*, 1857. *Buxus sempervirens*, 1859. *Caffeine* (arsenate of), 1863. *Calcis phosphas* (cum sulphure), 1852. *Cantharides*, 1785. *Carbolic acid* (subcutaneously), 1873. *Cascarilla*, 1692. *Chloroform*, 1850, 1860. Art. "Cinchona," p. 327.¹ *Conia*, 1849. *Convallaria majalis*, 1737. *Datisca cannabina*, 1799. *Digitalis*, 1823. *Erythraea centaurium*, 1713. *Eucalyptus globulus*, 1872, 1873. *Ferrum*, 1856. *Ferri ferro-sesquicyanidum*, 1822. *Ferri perchloridum*, 1866. *Ferri sulphas*, 1810. *Fraxinus excelsior*, 1712, 1791, 1808. *Gelatine*, animal, 1803, 1808. *Geum urbanum*, 1786. *Hydrargyrum*, 1742. Calomel, 1825. *Ilex aquifolium*, 1831, 1833. *Khaya Senegalensis* (*Calcedra*), 1854, 1856, 1858. *Krameria*, 1822.

¹ So large a proportion of the numerous works on *Cinchona* treat, whether expressly stated so or not in the title page, on the powers of this remedy in intermittent fevers, that it would have created confusion rather than otherwise to have particularised the date of each publication; hence the student is referred to the article as a whole,

Laurus, sp. of, 1751. Lycopus Europæus, 1820. Olea Europæa (leaves of), 1815; (gum-resin of), 1831. Oleum animale empyreumaticum, 1747. Opium, 1783. Ostrea edulis, 1866. Parmelia parietina, 1815, 1817 (2). Phloridzine, 1836. Picric acid, 1868. Pinus (écorce de Pin), 1805. Piper et Piperine, 1823, 1831. Potassii bromidum, 1873. Punica granatum (Pomegranate bark), 1809. Quinine and Cinchonine, 1816, 1821, 1822, 1826, 1827 (endermically), 1828 (ditto), 1829, 1830 (2), 1831, 1835, 1850, 1853, 1860, 1866 (2) (hypodermically), 1867, 1874, 1875 (with alcohol). Quinite, 1869. Rhus Cotinus, 1815. Salicine, 1830, 1833, 1834, [1835 (2)], 1861. Salix, sp. of, 1772, 1782, 1792, 1798, 1803. Simaba Cedron, 1854. Sinapis (sinapisms), 1812. Sodii chloridum, 1852. Sodium (Cyano-ferrure de sodium), 1861. Lignum Colubrinum, 1749. Swietenia cortex, 1793. Tannin, 1862. Warburg's Drops, 1847, 1849, 1869. Water, 1689 (as a drink in tertians), 1858.

Fever, Periodic, Malarious, or Miasmatic. Special Therapeutics, 1709 (Torti). Febrifuges, 1870. Sulphites, 1869. Arsenic, 1786, 1842, 1875. Bebeerine, 1835, 1845. Carbolic acid, 1869 (in Addenda, p. 808). Cascarilla, 1692. Chloroform, 1850. Dictamnus albus, 1777. Eupatorium perfoliatum, 1813. Hydrargyrum, 1742. Magnesiæ sulphis, 1870. Narcotine, 1832. Piper et Piperine, 1823, 1831. Quinine, 1866 (2) (hypodermically), 1867 (as a prophylactic). Quinite, 1869. Warburg's Drops, 1847, 1849, 1869.

Fever, Remittent. Enemas (large), 1849. Arsenic, 1786, 1842. Cinchona, 1696, 1712, 1762 (with camphor), 1790, 1821. Ferri ferro-sesquicyanidum, 1822. Calomel, 1825. Quinine, 1866.

Fever, Puerperal. Special Therapeutics, 1841 (Trier), 1845 (Sinogowitz). Emetics, 1830. Sulphites and Hyposulphites, 1862, 1867. Alcohol, 1875. Ammonia (carb. of), 1850. Carbolic acid, 1874. Hydrargyrum, 1830. Quinine, 1863, 1875. Ol. Terebinthinæ, 1814.—*Preventive of.* Iodine (injections), 1870.

Fever, Typhoid. Special Therapeutics, 1829 (Louis), 1864 (Lang), 1873 (Vopelius). Enemas (cold), 1875. Antiseptics, 1869. Purgatives, 1837 (2), 1872. Stimulants, 1868. Sulphites and Hyposulphites, 1862. Tonics, 1816. Aconitum napellus, 1875. Alcohol, 1871, 1873. Antimonium tartaratum, 1842. Arsenic, 1866, 1871. Baptista tinctoria, 1872. Carbolic acid, 1865, 1873, 1874. Cinchona, 1857, 1860. Collodion (to abdominal surface), 1869. Creasote, 1874. Hydrargyrum, 1813, 1837 (mercurial frictions). Calomel, 1852 (2), 1853, 1857 (2). Potassæ chloras, 1864. Quinine, 1842, 1857, 1870. Water, 1815, 1861, 1864, 1866, 1867, 1869, 1870, 1874 (9), 1875.

Fever, Typhus. Special Therapeutics, 1801 (Würth), 1850 (Zuppinger), 1856 (Dietl). Inunction, 1850. Purgatives, 1805. Acetum (internally), 1818. Arsenic, 1871. Chloral (as hypnotic), 1870. Nitrous acid, 1795, 1796. Opium, 1786, 1809 (opiate frictions). Phosphoric acid, 1814. Phosphorus, 1751, 1790, 1815. Quinine, 1874. Thea Chinensis (tea), 1866. Vinum, 1827, 1839. Water, 1802, 1806, 1818, 1861.—*Typhus abdominalis.* See *Typhoid Fever.*

*Fever, "Asthenic," "Adynamic," "Malignant," "Putrid," "Potechial," "Contagious," "Pestilential," &c.*¹ Acids (mineral), 1803. Emetics, 1777, 1792, 1799. Stimulants, 1787, 1790. Vesicants, 1591, 1592, 1727. Arnica, 1775. Camphor (with cinchona), 1762; 1815. Cinchona, 1764, 1766, 1817. Hydrargyrum, 1750, 1806. Lac (Milk), 1586. Nitrous acid, 1795, 1796. Olea Europæa (leaves of), 1815. Oxalis acetosella, 1709, 1717. Phosphorus, 1751. Potassæ nitras, 1772. Salix, sp. of, 1793. Sinapis (sinapisms), 1593. Vinum, 1703 (Rhine wines), 1778 (Champagne). Water, 1559, 1767, 1806, 1820.

Fever, Yellow. Special Therapeutics, 1839 (Louis et Trouseau), 1855 (La Roche), 1857 (Lyons). Prophylactics, 1826. Salines, 1846. Antimonium, 1796. Cinchona, 1826. Serpens (Crotalus horridus), 1861.

¹ The fevers enumerated in this section belong probably to the previous section, "Typhus Fever," but as in some instances there may be a doubt, it has been thought better to retain the designations employed by the authors themselves.

Fever, Eruptive. Water, 1858, 1870.—*Gastro.* Evacuants, 1793. Stimulants, 1813. Antimonium tart., 1821.—*Nervous.* Calomel, 1814. Water, 1820.—*Chirurgical.* Prophylactics, 1872. Ferri perchloridum, 1874. *Purulent.* Ferri perchloridum, 1866.—*Of Walcheren.* Hydrargyrum, 1810.—*Rheumatic.* See *Rheumatism, acute.*—*Scarlet.* See *Scarlatina.*

Fistula. Zinci chloridum, 1874.

Fistula lachrymalis. Antimonii terchloridum, 1873 (in Addenda, p. 808). Argenti nitras, 1837. Iodine, 1825.

Fistula in Ano. Iodoform, 1869.

Flatulence and Flatulent Colic. Special Therapeutics, 1790 (Phœbus.) Carminatives, 1784. 1800. Carbo vegetab., 1865.

Fluor albus. See *Leucorrhœa.*

Fractures (compound.) Special Therapeutics, 1829 (Valet), 1868 (Bottini), 1870 (Neroni). Alcohol (locally), 1867. Collodion, 1869. Gutta percha, 1851. Water, 1872 (irrigation in compound fractures).

Furunculus. Local Anæsthetics (congelation), 1834.

Gall-stones. Chelidonium majus, 1785. Chloroform, 1861. Juniperus communis, 1864. Nitric acid, 1817. Ol. Terebinthinæ (with sulphuric ether), 1790.

Gangrene and Hospital Gangrene. Special Therapeutics, 1754 (Hamberger). Idem, 1796 (Wolterbeck). Antiphlogistics, 1848. The Chlorides, 1827. Tonics, 1831. Acetum, 1772. Camphor, 1714, 1770, 1871, 1872. Carbo vegetab., 1809. Carbolic acid, 1866. Carbonic acid, 1785. Caryophyllus (Oil of cloves locally), 1717. Cinchona, 1729, 1732, 1734, 1737, 1746, 1754, 1769. Coal tar, 1873. Ferri perchloridum, 1859, 1860 (3). Iodine (tinct. of, locally), 1856, 1871. Opium, 1779. Polygonum amphibium (Persicairia), 1806. Potassæ chloras, 1866. Potassæ permanganas, 1869. Styraç (locally), 1805. Tabacum, 1648. Sea-water, 1671.

Gangrene, senile. Argenti nitras, 1850.

Gastralgia and Gastrodynia. Aconitum napellus, 1845. Argenti oxidum, 1852.

Gastro Affections. See *Stomach and Digestive Organs.*

Gastritis, alcoholic. Alcohol, 1865.

Genito-urinary Organs, affections of. Argenti nitras, 1859. Carbonic acid, 1864. Juniperus communis, 1819. Potassii bromidum, 1872. Triticum repens, 1747.

Gingivitis. Potassæ chloras, 1858.—*Ulcerata.* Nitric acid, 1849.

Glanders. Creasote, 1835.

Glands, enlargement of. Conium, 1776. Iodine, 1831, 1839 (locally). Juglans regia, 1841. Tussilago Farfara, 1807.—*Affections of.* Bitumen (Rock oil of Barbadoes), 1830. Sea-water, 1756, 1769.

Gleet. Cantharides, 1806. Iodine, 1854.

Gonorrhœa. Special Therapeutics, 1823 (Pleindoux), 1861-2 (Rollet), 1875 Müller.) Injections (urethral), 1741, 1773 (2), 1802, 1814. Acids (with cubebs), 1839. Balsamics, 1875. Diuretics, 1822. Purgatives, 1822. Alcohol (as predisposing to), 1870. Apium petroselinum, 1835. Argenti nitras, 1830, 1843 (2), 1845. Bismuth (injections), 1860. Cadmium (sulphate of), 1874. Camphor (with Hyoscyamus), 1826. Copaiba, 1827, 1861. Cubebs, 1821, 1822, 1826, 1839 Ergot, 1838. Gratiola officinalis, 1775. Hydrargyrum, 1763 p, 1781. Calomelas (Plummer's pill), 1769. Juniperus communis, 1736. Monesia, 1839. Opium, 1780. Pyrothonide (injections of), 1827. Santalum (Sandal-wood oil), 1874. Terebinthina, 1699, 1874.

Gout. Special Therapeutics, 1816 (Marie de Saint-Ursin). Fumigation, 1838. Hypodermic method, 1865. Narcotics, 1668. Tonics, 1871. Vesicants, 1779. Aconitum napellus, 1762, 1768, 1784. Aloes, 1803. Antimonii pentasulphuretum, 1759. Arctium Lappa 1768 (2). Aristolochia clematitia, 1719. Artemisia moxa

(Moxa), 1644, 1677, 1682, 1683, 1685, 1714, 1825. *Ballota lanata*, 1832. *Calumbæ radix*, 1694. Camphor (vapour), 1829. Carbonic acid, 1778. *Cimicifuga foetida*, 1774. *Cinchona*, 1802, 1807. *Coffea Arabica* (Coffee as a preservative), 1833. *Colchicum*, 1825 (2), 1831, 1845, 1860 (2). *Eau Médicinale d'Husson*, 1810, 1814. *Conium*, 1760, 1761, 1784. Gamboge, 1625, 1628. *Guaiacum*, 1536, 1779, 1782, 1786, 1798. *Hirudo* (Leeches), 1699, 1789. *Humulus lupulus*, 1806, 1811. *Hydrargyrum* (mercurial inunction), 1646. *Hydrarg. corrosivum sublimatum*, 1808. Hydrochloric acid, 1792. Iodine (locally), 1839. *Juniperus communis*, 1864. Lac (Milk diet), 1663, 1670, 1675, 1705, 1725 (*Ass's milk*). *Oleum Morrhuæ*, 1841. *Opium*, 1671. *Prunus padus* (cortex), 1812. Quinine (with *Colchicum*), 1831. *Rhododendron crysanthum*, 1779, 1810. *Saccharum Lactis*, 1700, 1701, 1713. *Tabacum*, 1648. *Thea Chinensis*, 1657, 1684 (2), 1696. *Veratria*, 1834, 1835. *Vinum*, 1703 (Rhine wines), 1721 (Hungarian wines). *Water*, 1649, 1689, 1724, 1804, 1843. *Sea-water*, 1813. *Bath mineral waters*, 1722, 1800, 1822, 1827.—*Gouty deposits*. Lithium (salts of), 1878.

Granulations, exuberant. *Clematis erecta*, 1777.

Gravel. See *Calculous Affections*.

Hæmorrhage. Special Therapeutics, 1785 (Rutter). *Idem*, 1797 (Hufeland), 1874 (Simon). *Astringents*, 1685, 1729, 1734 (with opium), 1801. *Derivatives*, 1837. *Cynomorium coccineum* (*Fungus melitensis*), 1755. *Digitalis*, 1807. *Ergot*, 1831, 1833, 1843. *Ferri perchloridum*, 1866. *Ferri sulphas*, 1763. *Hyoscyamus*, 1762. *Krameria*, 1799, 1817, 1822. *Opium*, 1801. *Potassæ nitras*, 1799. *Salix*, sp. of, 1792. *Water*, 1783, 1851.—*Periodic*. Quinine, 1857.—*From wounds, &c.* Art. "Styptics" p. 186. *Garlic of the oak*, 1754, 1755, 1757. *Alcohol* (locally), 1683, 1762. *Alum*, 1824. *Ammonia* (carb. of, locally), 1793. *Borassus flabelliformis*, 1850. *Collodion*, 1854. *Creasote*, 1833, et seq. *Ergot*, 1855, 1871. *Ferri perchloridum*, 1863, 1866. *Ferri sulphas*, 1860. *Matico*, 1844. *Spongia*, 1762, 1797, 1872. *Terebinthinæ oleum*, 1679. *Water*, 1797, 1851.

Hæmatemesis. Purgatives, 1805.

Hæmaturia. *Argenti oxidum*, 1852. *Ergot*, 1831.

Hæmoptysis. Special Therapeutics, 1844 (Smyth). *Emetics*, 1813. *Argenti oxidum*, 1852. *Digitalis*, 1873. *Ergot*, 1831, 1873. *Krameria*, 1821. *Lythrum salicaria*, 1762. *Monesia*, 1839. *Plumbum* (*P. acetas*), 1818. *Rubia tinctorum*, 1691 (in *Addenda*, p. 810).

Hæmorrhoids. Fumigation, 1838. *Achillea millefolium*, 1857. *Aloes* (abuse of, in), 1781. *Cimicifuga foetida*, 1774. *Ferri perchloridum*, 1858. *Hirudo* (leeches locally), 1699, 1750. *Monesia*, 1839. *Nitric acid* (as an escharotic), 1843, 1859. *Scrophularia nodosa*, 1720. *Tabacum*, 1648. *Water*, 1850.

Hallucinations. *Arsenic*, 1870. *Datura Stramonium*, 1841.

Headaches. Local Anæsthetics (congelation), 1849. *Menyanthes trifoliata*, 1701. *Salvia officinalis*, 1689.—*Nervous*. *Ammonii chloridum*, 1859. *Bittéra* (n. d.) *Opium* (opiate frictions), 1809. *Sibura* (Oil of laurel), 1830. *Tabacum* (snuff-taking as a cause of), 1733. *Ol. Terebinthinæ*, 1864. *Thea Chinensis* (green tea), 1827.—*Periodical*. *Arsenic*, 1786. *Phosphorus*, 1815. *Teucrium marum*, 1794.—*Rheumatic*. *Bryonia alba*, 1825. *Sibura* (Oil of laurel), 1830.—"Sick." *Guarana*, 1873.—*Supervening on catarrh*. *Euphrasia officinalis*, 1867.

Heart, diseases of. *Inhalation* (medicated), 1837. *Aconitum napellus*, 1845. *Antimonium*, 1867. *Arsenic*, 1867, 1874. *Digitalis*, 1860, 1871. *Ferrum*, 1845. *Oxygen*, 1868. *Veratria*, 1834.—*Aneurism of*. *Digitalis*, 1819.—*Palpitations of*. See *Palpitations*.

Hemeralopia. *Oleum Morrhuæ*, 1863, 1864.

Hemicrania. Special Therapeutics, 1788 (Anou). *Bryonia alba*, 1825. *Ether*, 1773.

Hemiplegia. See *Paralysis*.

Hepatitis. See *Liver, inflammation of*.

Hernia. Anæsthetics, 1848 (Guyton.) Caustics, 1774. Purgatives (after herniotomy), 1855. Atropa Belladonna, 1837, 1840. Caoutchouc, 1875. Coffea, 1862. Helix Pomatia, 1808. Opium, 1863. Tabacum, 1648.

Hip joint, diseases of. See *Morbus Coxarius.*

Herpes and Herpetic eruptions. Anthrakokali, 1837, 1840. Hydrarg. corrosivum sublimatum, 1772. Iodine, 1825. Rhus radicans, 1788, 1799. Solanum Dulcamara, 1780, 1784. Sea-water, 1699.

Hydrarthrosis. Special Therapeutics, 1858 (Schveing). Fumigation, 1838. Barium, 1836. Iodine, 1825, 1831, 1857. Oxygen, 1800. Water, 1836.

Hydrocele. Injections into closed cavities, 1791, 1808, 1826. Argenti nitras, 1770, 1783, 1787, 1860, 1871, 1874. Vinum (vinous injections), 1874.

Hydrocephalus. Special Therapeutics, 1844 (Smyth). Inunction, 1850. Antimonium tartaratum, 1832. Oxygen, 1800. Digitalis, 1785, 1790. Ergot (as a cause of), 1842. Moxa, 1819.

Hydrocyanic acid, poisoning by. Ferrum, 1867? Art. "Hydrocyanic Acid," 1805, 1818, 1823, 1824 (2), 1829, 1838, 1843, 1857, 1868.

Hydrophobia. Special Therapeutics, 1862 (Matton). Acetum, 1757. Alisma Plantago, 1817. Ammonia, 1777. Anagallis arvensis, 1790. Atropa Belladonna, 1781, 1782, 1795. Cannabis sativa, 1839. Cantharides, 1762. Carbolic acid, 1865. Chlorine (prophylactic) 1820, 1825. Chloroform, 1872. Datura Stramonium, 1777, 1809. Euphorbia (villosa), 1828. Genista tinctoria, 1853. Helleborus niger, 1610. Hydrargyrum, 1761, 1852. Hydrargyrum (Ptyalism), 1760. Cinnabar (with Musk), 1764. Hydrargyri sulphuretum nigrum, 1875. Meloe majalis, 1778, 1781, 1783 (2), 1788. Moschus, 1760, 1755, 1764. Oleum animale empyreumaticum, 1740. Opium, 1766. Quinine (hypodermically), 1867. Scutellaria lateriflora, 1819, 1820. Spartium (Genista tinctoria), 1853.

Hydrothorax. Digitalis, 1785, 1807 (2), 1809, 1810, 1822. Calomel, 1822. Nitrous acid, 1798. Senega, 1782.

Hygroma. Iodine, 1838.

Hypochondriasis and Hypochondriac Affections. Special Therapeutics, 1810 (Bährrens). Ferrum, 1654. Hirudo (Leeches), 1699. Hydrarg. corrosivum sublimatum, 1797. Lac (Ass's milk), 1725. Melissa (et Mentha), 1864. Vinum, 1721 (Hungarian wines); 1759.

Hysteria and Hysterical Affections. Special Therapeutics, 1830 (Dumont). 1859 (Briquet). Anæsthetics, 1858. Purgatives, 1805. Tonics, 1867. Arsenic, 1867. Bismuth, 1792. Chloroform, 1858. Collodion (to abdominal surface), 1869. Ergot, 1841. Ferrum, 1832. Hyoscyamus, 1777. Melissa (et Mentha), 1864. Mentha, 1767. Moschus, 1628. Opium, 1877. Quassia, 1777. Ruta graveolens, 1735. Sumbul, 1850. Valeriana officinalis, 1828. Vinum, 1616. Water, 1689.—*Mental alienation of.* Opium, 1860.

Ileus vel Iliac Passion. Atropa Belladonna, 1850, 1860.

Impetigo. Special Therapeutics, 1871 (Devergie).

Impotence. Special Therapeutics, 1844 (Smyth).

Incurable Diseases. Lac (Milk-diet), 1871. Oxygen, 1868.

Indigestion. See *Dyspepsia.*

Infancy and Childhood, diseases of. Special Therapeutics, 1829 (Tourtual), 1838 (Ure), 1846 (Berton et Lehuby), 1849 (Beck), 1867 (Gerloni), 1861 (Hagen), 1864 (Dillaberger). Calcis phosphas, 1853. Calomel, 1823, 1830. Opium, 1830. Potassii bromidum, 1869. Quinine, 1859 (by friction), 1868.—*Convulsions of.* See *Convulsions, infantile.*

Inflammation and Inflammatory Diseases. Special Therapeutics, 1722 (Fischer), 1804 (Flegelin), 1820 (Mantovani), 1850 (Bischoff), 1874 (Trouessart). Antiphlogistics, 1874 (in Addenda, p. 806). Derivatives, 1829, 1837. Purgatives, 1826. Stimulants, 1803, 1860. Topical appl., 1751, 1836. Vesicants, 1774, 1796. Alcohol, 1836. ("Brandy and salt"); 1865, 1867. Antimonium, 1783. Antimonium tartaratum, 1801, 1817. Antimonii tersulphuretum, 1733. Camphor, 1714,

1788. Cantharides, 1810. Colchicum, 1820. Hirudines, 1804. Hydrargyrum, 1794 (a), 1810, 1819, 1864. Calomel (with opium), 1785, 1803. Opium, 1696, 1757, 1774, 1784, 1800, 1805, 1828. Potassæ nitras, 1849. Ol. Terebinthinæ, 1814. Vinum, 1680. Water, 1836.

Inflammation, acute. Alcohol, 1867. Digitalis, 1837.—*Internal.* Vesicants, 1817. Hydrargyrum (mercurial frictions), 1836.—*External or local.* Local Anesthetics (congelation), 1852, 1854. Astringents, 1787. Derivatives, 1870. Antimonium tartaratum, 1820. Argenti nitras, 1850, 1866. Belladonna, 1840. Collodion, 1854.—*Phlegmonous.* Argenti nitras, 1850. Mikania Guaco, 1863.—*Of Mucous membranes.* Rubefaciens, 1824. Copaiba, 1823. Opium, 1828.—*Of Serous membranes.* Opium, 1828.—*Of Fibrous tissues.* Opium, 1828.

Insanity. Special Therapeutics, 1785 (Agassiz), 1828 (Guérin), 1851 (Parigot). Inunction, 1850. Narcotics, 1797, 1845, 1863. Neurotics, 1871. Alcohol (as a cause of), 1847, 1872 (ditto), 1875 (ditto). Antimonium tartaratum, 1869. Arsenic, 1870. Atropa Belladonna, 1691, 1783, 1789. Bromine, 1853. Cannabis sativa, 1845, 1870. Chloral, 1872. Conium, 1873. Datura Stramonium, 1762, 1777. Digitalis, 1785, 1810. Gratiola officinalis, 1776, 1793, 1818. Hellebore, 1818. Hyoscyamus, 1762, 1872. Morphia, 1874, 1875. Opium, 1856, 1860, 1870. Potassii bromidum, 1870, 1872. Water (cold affusions, baths, &c.), 1859.—*Hallucinations and cerebral congestions of.* Arsenic, 1870.

Internal Diseases. Special Therapeutics, 1816 (Achard-Lavort), 1868 (Lazanaky). Endermic method, 1834. Intraleptic method, 1804. Acids, 1806. Derivatives, 1816. Emetics, 1853. Ferrum, 1855. Iodine, 1854. Lepidium ruderales, 1816. Phosphorus, 1815. Water, 1803 (cold water and ice).

Intestinal Lesions. Enemas, 1873.—*Occlusions.* Enemas, 1873. Opium, 1874.

Iris, and its affections. Special Therapeutics, 1800 (Nickels). Belladonna, 1803, 1853, 1856. Atropia, 1856, 1873.—*Paralysis of.* Hyoscyamus (as causing), 1803.

Iritis, acute. Atropia, 1866. Hydrargyrum, 1857, 1866. Hydrargyrum. (Ptyalism), 1868.

Ischuria vesica. Special Therapeutics, 1868 (Vittadini). Emetics, 1694.

Jaundice. Special Therapeutics, 1727 (Ludolph). Cholagogues, 1866. Agri-
monia, 1768. Aloes, 1811. Hydrargyrum (Ptyalism), 1799. Menyantes
trifoliata, 1701. Bath mineral waters, 1785.

Joints, affections of. Special Therapeutics, 1853 (Bonnet). Fumigation, 1838. Injections into closed cavities, 1869. Antiphlogistics, 1830. Argenti nitras, 1871. Moxa, 1825. Bitumen (Rock oil of Barbadoes), 1830. Chloroform, 1860, Clematis erecta, 1769. Conium, 1761. Iodine, 1831. Oxygen, 1845.—*Rheumatic swellings of.* Hydrarg. corrosivum sublimatum, 1808.—*Wounds of.* Antiphlogistics, 1830. Refrigerants, 1850. Vesicants, 1836. Water, 1836.—*Resection of.* Tonics, 1856.—*Effusion into.* See *Hydrarthrosis*.

Keratitis, panniform. Ferri perchloridum, 1858.

Kidneys, affections of. Special Therapeutics, 1863 (Rosenstein). Diuretics, 1572, 1713, 1752 (as a cause of). Terebinthina, 1699. Uva Ursi, 1763, 1764, 1778.

Labours. Art. "Anesthetics, p. 107 et seq. Stimulants (uselessness of) 1838. Anemone pratensis, 1853. Atropa Belladonna, 1820, 1860. Cannabis sativa, 1851. Chloral, 1870, 1871, 1872, 1873 (a), 1875. Art. "Chloroform," p. 330 et seq. Cinchona (as an oxytoxic), 1870. Cinnamon, 1787. Cocos Maldivica, 1634, 1694. Ergot, 1807 et seq. Opium, 1781, 1838, 1864. Quinine (as an oxytoxic), 1870, 1873 (3), 1874 (4), 1875. Uva Ursi, 1858.—*For inducing premature.* Carbonic acid, 1858. Laminaria digitata, 1867 (4). Quinine, 1873, 1874, 1875.

Laryngismus stridulus. Ferri perchloridum, 1859, 1869, 1872. Hydrochloric acid, 1869.

- Laryngitis.* Topical medication, 1854.
- Larynx, affections of.* Special Therapeutics, 1829 (Albers). Inhalation (atomised fluids), 1855, 1862, 1866. Sulphur (Sulphurous inhalations), 1866.
- Lead Palsy and other Saturnine affections.* Iodine (Iod. of potassium), 1865, 1867. Art. "Plumbum, Injurious and Poisonous Effects of," p. 629. Sodii chloridum (Hypochlorite of soda externally), 1870.
- Lepra.* Conium, 1761. Hydrargyrum, 1698. Ledum palustre (locally), 1775.
- Leprosy.* Calotropis gigantea, 1833. Hydrocotyle Asiatica, 1853, 1855, 1856, 1859. Gynocardia odorata, 1876 (in Addenda, p. 809).
- Leucorrhœa.* Argenti nitras (appl. to os and cervix uteri), 1830. Balsamum Peruvianum, 1703. Cantharides, 1806. Conium, 1761, 1764. Dictamnus albus, 1777. Ergot, 1831, 1833. Helleborus viridis, 1775. Krameria, 1822. Lythrum salicaria, 1762. Mentha, 1767. Monesia, 1839. Pichurim bean, 1815. Pyrothone (injections of), 1827. Salix, sp. of, 1792. Terebinthina, 1699. Thea Chinensis (injections of green tea), 1870.
- Leukæmia.* Special Therapeutics, 1872 (Mosler).
- Liver, inflammation of.* Special Therapeutics, 1781 (Miquet). Ammonii chloridum, 1870. Hydrargyrum, 1809, 1846. Hydrargyrum (Ptyalism), 1824. Calomel, 1816, 1825. *Chronic and other affections of.* Art. "Cholagogues," p. 143. Agrimonia, 1768. Alcohol (as causing), 1875. Antimonium tartaratum (externally), 1822. Chlorine, 1822. Fel (Ox-gall), 1846. Hydrargyrum, 1809 (2), 1811, 1820. Calomel, 1825. Nitro-hydrochloric acid (externally), 1822. Oxygen, 1868. Quassia, 1799. Ol. Ricini, 1764. Sinapis (White mustard seed), 1826 (2). Ol. Terebinthina, 1790. Bath mineral waters, 1800. Cheltenham waters, 1808. Harrogate waters, 1855. *Abscess of.* Ammonii chloridum, 1870. *Hydatid cyst of.* Iodine (injections), 1864.
- Lochia, suppression of.* Hirudines, 1778.
- Lumbago.* Morphia (hypodermically), 1872. Moxa, 1825, 1827.
- Lungs and Air passages, affections of.* Special Therapeutics, 1823 (Weber), 1861 (Günzburg), 1870 (Buck), 1875 (Tropæa). Art. "Inhalation," p. 92 et seq. Emetics, 1810. Evacuants, 1863. Topical med., 1854, 1855, 1860, 1863. Agaricus piperatus, 1799. Ammonii chloridum (vapour of), 1873. Antimonium tartaratum (externally), 1822, 1823, 1833. Calcis phosphas, 1872. Carbonic acid, 1864. Digitalis, 1804. Eucalyptus globulus (Eucalyptol), 1873. Calomel (with Opium), 1828. Hydrocyanic acid, 1819 (2), 1820, 1821, 1823. Iodine (vapour of, with Conium), 1834. Koumis, 1874, 1875. Lac (Milk), 1687, 1726, 1754. Menyanthes trifoliata, 1701. Mytilus edulis, 1857. Phellandrium aquaticum, 1771. Pistachia terebinthus, 1842,¹ Salvia officinalis, 1723. Scrophularia nodosa, 1862. Sulphur (Sulphurous fumes), 1866. Tabacum (smoking), 1610. Tannin, 1863. Water, 1870.—*Emphysema of.* Antimonium, 1869. Arsenic, 1869. *Gangrene of.* Thymic acid (inhalation of), 1869.—*Inflammation of.* Alcohol, 1869. Antimonium, 1869. Antimonium tartaratum, 1824. Prunus laurocerasus (Cherry-laurel water), 1823.—*Tubercular disease of.* See *Phthisis*. See also *Pneumonia* and *Pleuritis*.
- Lupus.* Chloracetic acid, 1863. Hydrargyri pernitras, 1826. Iodine, 1839.
- Lymphatic System, affections of.* Aurum, 1811, 1819, 1820. Calcis murias, 1808. Mytilus edulis, 1857. See also *Scrofula*.
- Malignant Diseases.* Zinci chloridum, 1836.
- Mamma, affections of.* Conia, 1852.—*Inflammation of.* Iodine locally, 1839.
- Mania.* See *Insanity*.
- Marasmus of Childhood.* See *Tabes mesenterica*.
- Measles.* See *Rubeola*.
- Melancholia.* Special Therapeutics, 1811 (Haindorf). Diluents, 1716, 1787. Belladonna, 1788. Manna, 1655. Opium, 1804.

¹ By typographical error 1542 in text.

- Melanosis.** Special Therapeutics, 1857 (Norris).
- Meningitis.** Water (cold affusions), 1856.—*Cerebro-spinalis.* Opium, 1850.—*Tuberculoſa.* Iodine (iod. of potassium), 1861. Potassii bromidum, 1868.
- Menorrhagia.** Purgatives, 1651. Argenti oxidum, 1852. Cinnamon, 1855. Ipecacuanha, 1774. Mentha, 1767. Monesia, 1839.
- Menses, derangement of.** Special Therapeutics, 1671 (Friderici). Camphor, 1714. Conium, 1771. Cuscuta Europæa, 1718.—*Cessation of.* Purgatives, 1803.—*Suppression of.* Dictamnus albus, 1777. Hirudo (Leeches to the os uteri), 1665.
- Mental Affections.** Special Therapeutics, 1811 (Haindorf), 1829 (Oegg), 1830 (Friedrich), 1832 (Zuzorini), 1836 (Bird), 1845 (Griesinger), 1859 (Fleumming), 1860 (Leidesdorf), 1863 (Schroeder van der Kolk). Narcotics, 1863. Antimonium tartaratum (externally), 1822, 1869. Arsenic, 1870. Atropa Belladonna, 1783. Bromine, 1853. Cannabis sativa, 1845, 1870. Chloral. 1870. Opium, 1860. Papaverine, 1873. Potassii bromidum, 1865. Stannum, 1803.
- Mental Alienation.** See *Insanity.*
- Mercury, poisonous and ill-effects of,** p. 489. Iodine, 1867.
- Metallic or Mineral Poisoning.** Calcii iodidum, 1862. Lac, 1725, 1854. Saccharum, 1806. Water, 1805.
- Metritis.** See *Uterus, inflammation of.*
- Morbus coxarius.** Anæsthetics, 1859. Bath mineral waters, 1805.
- Mortification.** See *Gangrene.*
- Mouth, affections of.** Acetum (in scorbutic affection), 1772. Chromic acid, 1869. See also *Gingivitis, Tongue, affections of, &c.*
- Mucous Membranes, affections of.** Argenti nitras, 1837, 1839.
- Muscular System, affections of.** Special Therapeutics, 1862 (Friedberg). Moxa, 1827.
- Myopia.** Special Therapeutics, 1872 (Schliess-Gemuseus). Atropia, 1871.
- Nævus maternus.** Caustics, 1858. Chloracetic acid, 1868. Ferri perchloridum, 1858. See also *Tumours, erectile, and varicose.*
- Necrosis.** Special Therapeutics, 1826 (Richter). Phosphoric acid, 1802, 1808.—*Phosphoric.* See *Phosphorus, injurious effects, &c.,* p. 615.
- Nervous System, affections of.** Special Therapeutics, 1834 (Martin), 1868 (Brown-Séguard), 1870 (Rosenthal). Endermic method, 1828. Hypodermic method, 1865. Metals, 1853. Purgatives, 1841. Topical appl. (to the spine), 1822. Arnica montana, 1866. Arsenic, 1863, 1865. Atropa Belladonna, 1783. Camphor (cigarettes), 1839. Chloroform, 1857. Ergot, 1848. Hydrocyanic acid, 1821, 1823. Hyoscyamine, 1873. Serum Lactis (whey-cure), 1860. Morphia (endermically), 1843. Oxygen, 1800. Phosphoric acid, 1802. Phosphorus, 1875. Potassii bromidum, 1875. Sinapis (White mustard seed), 1826 (2). Strychnia, 1833, 1835, 1867, 1871. Strychnos Nux vomica, 1857, 1870, 1875. Sumbul, 1850. Tabacum, 1869. Valeriana officinalis, 1758, 1828. Water, 1858. Sea-water (baths), 1850, 1851.—*Debility.* Ginseng, 1860. Oxygen, 1800, 1839.—*Irritation of.* Special Therapeutics, 1825 (Guérin).—*Congestions attendant on.* Arsenic, 1863.
- Neuralgia.** Special Therapeutics, 1847 (Bretschneider.) Endermic method, 1835, 1836. Hypodermic method, 1855, 1860, 1865 (2). Aconitum napellus, 1845, 1855. Ammonis valerianas, 1856. Arsenic, 1864, 1865. Moxa, 1827. Atropa Belladonna, 1818, 1833 (cataplasm). Bebeerine, 1845. Cinchona, 1826. Creasote, 1835. Ergot, 1872. Ferri carbonas, 1820, 1826, 1827. Iodine, 1863. Juniperus communis, 1736, 1864. Opium, 1836 (endermically), 1855 (hypodermically). Oxygen, 1868. Phosphorus, 1874. Physostigma venenosum, 1863. Strychnia, 1833, 1885. Ol. Terebinthinæ, 1823. Veratria, 1834, 1837.
- Nitric acid, poisoning by.** Nitric acid, 1802, 1828, 1857. Sapo, 1779, also Addenda, p. 810.

Noli me tangere. Special Therapeutics, 1871 (Devergie). Iodine, 1839.

Obesity. Special Therapeutics, 1775 (Osvald). Chlorides, 1869. Fucus vesiculosus, 1862. Sea-water, 1869.

Œsophagus, stricture of. Argenti nitras, 1807.—*Spasmodic stricture of.* Potassii bromidum, 1873.

Operations, surgical. Art. "Anæsthetics," p. 107. Tonics, 1856. Agaric of the oak (to arrest hæmorrhage), 1755, 1757. Alcohol, 1745, 1859 (to favour immediate union, &c.), 1864, 1865. Atropa Mandragora (an ancient anæsthetic), 1848. Ferri perchloridum, 1872. Zinci chloridum, 1866.

Ophthalmia. Special Therapeutics, 1782 (Boehmer), 1794 (Oppermann), 1844 (Furnari), 1844 (Rognetta). Emollients, 1825. Argenti nitras, 1840, 1842, 1868. Potassæ nitras, 1772. Pyrothionide, 1827. Senega, 1831. Tannin, 1858.—*Scrofulous.* Barium, 1794. Iodine, 1831. Juglans regia, 1841. *Purulent.* Argenti nitras, 1866. Monesia, 1839.—*Syphilitic or gonorrhæal.* Alcohol, 1867. Antimonium tartaratum, 1868. Argenti nitras, 1835.—*Granular.* Chromic acid, 1868.

Ophthalmico-nicotism and Ophthalmico-alcoholism. Alcohol, 1876 (in Addenda, p. 807).

Opium, poisoning by. Caffeine, 1860, 1875. Art. "Toxicology of Opium," p. 599.

Orchitis. Collodion, 1854, 1863.

Otalgia. Aconitum napellus, 1845.

Ovaries, affections of. Special Therapeutics, 1872 (Atlee). Local Anæsthetics (in ovariectomy), 1870.—*Cysts of.* Iodine (injections of), 1857, 1858, 1875.

Oxalic Acid, poisoning by. Art. "Oxalic Acid," p. 600.

Ozæna. Juniperus communis, 1736.

Pain and Painful affections. Special Therapeutics, 1875 (Spender). Hypodermic method, 1855, 1865 *et seq.* Anæsthetics, 1848 (Bourdon), 1854 (Druitt) Local Anæsthetics (congelation), 1852. Anodynes, 1699. Aconitine, 1835. Atropa Belladonna, 1818. Opium, 1699. Water, 1871.

Palpitations. Special Therapeutics, 1727 (Ludolph). Digitalis, 1822. Hyoscyamus, 1777.

Paralysis and Paralytical affections. Special Therapeutics, 1663 (Loeschebrand), 1826 (Bochart), 1855 (Ross). Diaphoretics, 1674. Narcotics (aid to diagnosis), 1857. Vesicants, 1804. Arnica montana, 1773. Moxa, 1827. Bromine, 1853. Chloroform (aid to diagnosis), 1857. Cocos Maldivica, 1634. Conium, 1763 (2). Guaiacum, 1536. Iodine, 1825. Oxygen, 1800, 1845, 1868. Phosphorus, 1798, 1869. Rhus radicans, 1788, 1798, 1799. Strychnia (and Brucia), 1830, 1835, 1855, 1868 (2) (hypodermically). Strychnos Nux vomica, 1815, 1818, 1820, 1867. Sumbul, 1850. Veratris, 1834, 1837. Water, 1724. Bath mineral waters, 1723, 1774, 1787, 1800, 1822.

Paronychia. Iodine (locally), 1809. Iodoform, 1869. Potassæ chloras, 1862.

Parulis. Special Therapeutics, 1863 (Rupprecht).

Pediculi, to destroy. Cocculus Indicus, 1591. Physostigma venenosum, 1863. Tabacum, 1648.

Pellagra. Special Therapeutics, 1871 (Lombroso), 1873 (Gemma). Alcohol, 1872.

Periodic Diseases. Special Therapeutics, 1822 (Pierquin). Quinine, 1834, 1866

Pertussis. Emetics, 1795. Topical med. (to the larynx), 1854. Assafoetida, 1769. Atropa Belladonna, 1785. Carbolic acid, 1873. Chloral, 1873. Cinchona, 1776. Conium, 1773. Eucalyptus globulus (Eucalyptol), 1873. Hydrocyanic acid, 1819, 1820, 1838. Mentha, 1767. Morphia, 1856. Nitric acid, 1854. Opium (opiate frictions), 1809. Phellandrium aquaticum, 1828. Potassii bromidum, 1873. Rhus radicans, &c., 1799. Solanum Dulcamara, 1825.

Phagedæna. See *Gangrene*.

Pharynx, affections of. Topical medication, 1860. Sulphur (sulphurous inhalations), 1866.

Phosphorus, poisoning by. See art. "Phosphorus: its poisonous and injurious effects," p. 615.

Phtthisis pulmonalis. Special Therapeutics, 1791 (Petif), 1823 (Weber), 1825 (Louis), 1830 (Harel du Tancrel), 1865 (Fonssagrives), 1867 (Ullersperger), 1869 (Pidoux), 1871 (Mayer), 1874 (Brehmer), 1875 (Mey). Inunction, 1850. Fumigation, 1868. Inhalation, 1767 (in Addenda, p. 806), 1829, 1830, 1831, 1837, 1841, 1847, 1855, 1858, 1859, 1865, &c. The Chlorides (chlorine), 1829. Emetics, 1795, 1824, 1852. Hypophosphites (alkaline), 1859, 1864, 1868. Oils (various fatty), 1855. Prophylactics, 1875. Tonics, 1793, 1801. Topical med., 1860. Antimonium tartaratum, 1817. Aristolochia clematitis, 1807. Arsenic, 1869, 1875. Boletus suaveolens, 1784. Calcis phosphas, 1872. Carbonic acid, 1796 (2). Cetraria Islandica, 1802, 1803, 1846. Chlorine, 1830 (2). Cinchona, 1779, 1782, 1792. Colchicum, 1763. Conium, 1761, 1834 (inhalation of). Creasote (inhalation of), 1835, 1836. Digitalis, 1785, 1801 (2), 1804, 1807, 1808. Ergot, 1841. Ether (etherised cod-liver oil), 1868. Ferrum, 1866. Ferri perchloridum, 1862. Gratiola officinalis, 1813. Guaiacum, 1804. Gynocardia odorata, 1878 (in Addenda, p. 809). Helicine, 1854. Hydrocyanic acid, 1819 (2), 1820. Iodine, 1824, 1829 (inhalation of), 1834 (inhalation of with conium), 1851. Koumis, 1875 (2). Lac (milk diet), 1536, 1622, 1674, 1867, 1725 (Ass's milk), 1754, 1803, 1806, 1870. Serum Lactis, 1870. Lactuca (Lactucarium), 1816. Monesia, 1839. Morphia, 1856. Oleum Morrhuæ, 1846, 1849, 1850 (2), 1851. Naphtha, 1843, 1844, 1846. Oxygen, 1860, 1868, 1873. Pepsin, 1854. Phellandrium aquaticum, 1771 (?), 1802. Phosphorus, 1871. Pix liquida (tar vapour), 1817, 1818, 1823, 1860. Plumbum (P. acetæ), 1801, 1818. Liquor Potassæ, 1841. Potassæ chloras, 1860, 1872. Quinine, 1842. Quiniæ tannas, 1873. Scrophularia nodosa, 1862. Serpens (excreta of reptiles), 1862. Sodii chloridum (as a cause), 1850. Sulphur (sulphurous inhalations), 1866. Tabacum (snuff-taking as a preventive), 1870. Tannin, 1863. Tussilago Farfara, 1714. Uva ursi, 1805. Veronica officinalis, 1694. Water, 1689.—*Sweats of.* Agaric of the Larch, 1832. Atropia, 1873. Calcis phosphas, 1875.—*Diarrhœa of.* Ipecacuanha, 1774.

Placenta, retention of. Special Therapeutics, 1862 (Hegar).

Plague. Inunction, 1809, 1844. Acetum, 1653. Coffea Arabica, 1721. Oleum Olivæ (frictions with warm oil), 1800. Oxalis acetosella, 1717. Pix liquida (tar water), 1747. Sodii chloridum, 1702. Water, 1722.

Plethora. Derivatives, 1837. Serum Lactis (whey-cure), 1860.

Plica polonica. Lycopodium clavatum, 1702.

Pleuritis. Special Therapeutics, 1691 (Camper). Idem, 1803 (Conradi). Emetics, 1782. Vesicants, 1776. Cetaceum, 1744. Crotonis oleum (a counter-irritant), 1874. Hirudines, 1804. Opium, 1674, 1774. Senega, 1782. Sinapis (sinapisms), 1636. Tannin, 1873.—*Of infancy.* Digitalis, 1867.—*Pleuro-pneumonia.* Senega, 1740.

Polypus, nasal. Caustics, 1825.

Pneumonia. Special Therapeutics, 1803 (Conradi), 1838 (Ritscher). Vesicants, 1794, 1835. Alcohol, 1867 (2) 1868, 1869, 1870, 1872, 1874. Antimonium tartaratum, 1828, 1830, 1831, 1835 (2), 1841, 1845, 1871. Antimonii oxidum, 1834. Chloroform, 1853. Digitalis, 1857, 1861, 1870, 1872. Ferrum, 1832. Calomel, 1850. Moschus, 1870. Phosphorus, 1815. Plumbum (P. acetæ), 1871. Prunus lauro-cerasus (cherry-laurel water), 1858. Quinine, 1871. Senega, 1782. Veratria, 1855, 1858, 1870. Veratrum viride, 1866, 1870.—*Of infancy and childhood.* Digitalis, 1867.—*Catarrhal (péripneumonia catarrhale).* Potassæ carbonas, 1815.

Pregnancy, diseases, &c. of. Aperients, 1801. Assafœtida, 1855. Lac (milk), 1536. Opium, 1781, 1864. Potassii bromidum, 1869. Quinine, 1875.

Prostate Gland, affections of. Special Therapeutics, 1842 (Boys de Lowry), 1858 (Schleiss von Löwenfeld).

Purigo. Pix liquida, 1832.

Pseudo-membranous Affections. Special Therapeutics, 1857 (Beck). Bromine, 1856.

Psora Abscess. Phellandrium aquaticum, 1828.

Psoriasis. Bitumen (oil of petroleum), 1872. Copaiba, 1871. Hydrargyrum, 1875 (in Addenda, p. 809).

Ptyalism. See *Salivation.*

Puerperal State and Affections. Special Therapeutics, 1571 (Le Bon), 1835 (Joerg), 1866 (Winckel). Injections (vaginal and intra-uterine), 1866, 1869, 1870. Aperients, 1801. Alcohol, 1872, 1874. Carbolic acid, 1874. Chloral, 1871. Citrus (lemon-juice), 1665. Hirudo (leeches to the uterus), 1665. Moschus, 1613. Opium, 1762, 1781, 1809, 1864.—*Peritonitis.* Purgatives, 1820. Carbolic acid, 1873. Hydrargyrum (mercurial frictions), 1824. Ol. Terebinthinæ, 1830.—*Mania.* Opium, 1860.—*Convulsions.* See *Convulsions, puerperal.*—*Fever.* See *Fever, puerperal.*

Purulent Infection. Ferri perchloridum, 1860 (2). Magnesiæ sulphis, 1866.

Purpura. Ferri perchloridum, 1858.

Pustule maligne, F. See *Carbuncle.*

Pyæmia. Sulphites and Hyposulphites, 1862. Carbolic acid, 1873, 1874. See also *Purulent Infection.*

Pyrosis. Argenti oxidum, 1852.

Rabies canina. See *Hydrophobia.*

Rachitis. Special Therapeutics, 1844 (Smyth), 1863 (Ritter von Rittershain). Ferri iodidum, 1834. Oleum Morrhuæ, 1861. Rubia tinctorum, 1758, 1769.

Rattle-snake, poison of. Hieraceum venosum, 1828. Senegæ radix, 1749.

Rectum and Anus, affections of. Special Therapeutics, 1873 (Pinquet).—*Prolapsus of.* Enemas, 1782. Nitric acid (locally), 1859.

Respiratory Organs. See *Lungs.*

Rheumatism (in general). Special Therapeutics, 1860 (Eisenmann). Endermic method, 1828. Fumigation, 1838. Hypodermic method, 1865. Antiseptics (sulphurous acid), 1871. Diaphoretics, 1666. Vesicants, 1779. Antimonium tartaratum, 1835. Arnica montana, 1741. Ballota lanata, 1832. Camphor (vapour), 1829. Cinchona, 1786. Citrus (lemon juice), 1849. Hydrargyrum (mercurial inunction), 1834 (2). Juniperus communis, 1864. Lac (milk), 1663. Oleum Morrhuæ, 1835, 1841, 1843. Prunus Padus, 1812. Senega, 1782. Solanum Dulcamara, 1771. Sulphur (fumigation), 1820, 1830, 1871 (Sulphurous acid). Veratria, 1834. Water, 1843. Bath mineral waters, 1795, 1800, 1822.

Rheumatism, acute. The Cyanides (of Zinc and Potassium), 1875. Diaphoretics, 1795. Stimulants, 1860. Sulphites and Hyposulphites, 1862. Vesicants, 1795, 1864. Aconitum napellus, 1845. Antimonii oxidum, 1834. Atropa Belladonna, 1870. Atropia (to control the sweats), 1873. Cannabis sativa, 1839. Cinchona, 1807. Citrus (lemon juice), 1849, 1858. Digitalis, 1866, 1867. Ergot, 1874. Opium, 1836. Physostigma venenosum, 1863. Plumbum (P. acetas), 1866. Potassa nitras, 1849. Propylamine, 1873.—*Cerebral complications of.* Water (cold baths, &c.), 1874, 1875 (3).

Rheumatism, chronic. Diaphoretics, 1795. Vesicants, 1795. Aconitum napellus, 1845. Antimonium tartaratum, 1806. Arsenic, 1804. Moxa, 1823, 1825, 1827. Cannabis sativa, 1839. Datura Stramonium, 1822. Formic acid, 1822. Nitrous (Nitro-hydrochloric) acid, 1798. Ononis spinosa, 1855. Opium, 1809. Rhododendron chrysanthum, 1779, 1810. Sulphur (fumigations), 1820 (2), 1830.

Rheumatic Gout. Antiseptics (Sulphurous acid), 1871. Antimonium tartaratum, 1827, 1866. Antimonii oxidum, 1872. Moxa, 1825. Ballota lanata, 1832. Citrus (lemon juice), 1858. Digitalis, 1866, 1867. Ergot, 1874. Morphia,

(endermically), 1836. Opium, 1746, 1792. Quinine (hypodermically), 1866. Sulphur (Sulphurous acid), 1871. Trimethylamine, 1873 (2), 1874. Chlorhydrate of trimethylamine, 1873.

Ringworm. Sulphur (Sulphurous acid gas), 1866.

Rubeola. Inunction, 1850, 1853. Ammonia (carb. of), 1802. Digitalis, 1807.

Salivation, mercurial. Calcis sulphuretum, 1796. Art. "Hydrargyrum (Ptyalism)," p. 486. Potassæ chloras, 1856, 1860.

Sarcina ventriculi. Sodæ sulphas (sulphis P), 1872.

Scabies. Special Therapeutics, 1816 (Folie). Carbo vegetab., 1804. Inula Helenium, 1787. Ledum palustre, 1775. Plumbago Europæa, 1781. Potassii sulphuretum, 1815. Sulphur, 1765, 1814 (sulphurous baths). Sulphuric acid, 1762. Tabacum, 1793. Terebinthina, 1699. Veronica officinalis, 1694.

Scarlatina. Special Therapeutics, 1827 (Seifert), 1837 (Ingalls), 1858 (Morris). Inunction, 1810, 1843, 1850, 1853. Disinfectants, 1875. Prophylactics, 1827. Permanganates (locally to sore throat), 1866. Purgatives, 1799, 1805. Acetic acid, 1846. Ammonia (carb. of), 1802, 1833, 1842, 1843, 1862 (2). Atropa Belladonna, 1824 (as a prophylactic), 1825 (ditto), 1826 (2), (ditto), 1827, 1828 (2), 1830, 1843. Carbolic acid, 1873. Digitalis, 1807. Quinine, 1857. Sulphur (and Sulphuric acid), 1787. Water, 1808, 1810, 1818, 1820, 1824.

Sciatica. Special Therapeutics, 1869 (Lagrette). Aconitum napellus, 1845. Argenti nitras (injection of), 1872. Arsenic, 1864. Artemisia (Moxa), 1825, 1827. Ergot, 1872. Morphia (hypodermically), 1872. Solanum Dulcamara, 1771. Ol. Terebinthinæ, 1823. Water, 1649.

Scirrhus. Atropa Belladonna, 1826. Cicuta virosa, 1874. Conium, 1760, 1761 (2), 1763. Ferri iodidum, 1834. See also *Cancer*.

Sclerotitis. Iodine, 1849.

Scrofula and Scrofulous Affections. Special Therapeutics, 1837 (Meissner), 1838 (Disse), 1843 (Bender), 1858 (Buzer), 1860 (Hübener), 1871 (Dauvergne), Iatralaptic method, 1856. Tonics, 1831. Agave et Begonia, sp. of, 1794. Ammonis carb., 1812. Ammonii iodidum, 1875. Aurum (salt of), 1811, 1819, 1820, 1837, 1839, 1851, 1870. Barium (salts of), 1794, 1802, 1841, 1851. Calcis murias, 1808. Carbonic acid, 1798. Cimicifuga fœtida, 1774. Cinchona, 1783, 1786. Conium 1761, 1771. Digitalis, 1786, 1790, 1792, 1801. Ferri iodidum, 1834. Hydrargyri iodidum, 1831. Iodine, 1821, 1824, 1825, 1829, 1831, 1832. Juglans regia, 1841, 1842, 1845, 1858. Lobelia syphilitica, 1791. Monesia, 1839. Oleum Morrhuæ, 1835, 1841, 1842, 1850. Mytilus edulis, 1857. Oxygen, 1800, 1868. Liquor Potassæ, 1811. Solanum Dulcamara, 1805. Sulphur, iodide of, 1855. Tabacum, 1648, 1669. Tussilago Farfara, 1807. Sea-water, 1769, 1813, 1865, 1866, 1875 (internally).—*Of the Eyes.* See *Ophthalmia, scrofulous.*—*Ulcers.* See *Ulcers, scrofulous.*

Scurvy. Special Therapeutics, 1807 (Marquis), 1826 (Götta), 1866 (Krebel). Art. "Antiscorbutics," p. 132. Tonics, 1831. Aquilegia vulgaris, 1716. Carbonic acid, 1778. Cardamine pratensis, 1785. Citrus (lemon-juice), 1791, 1857. Cochlearia officinalis, 1674. Conium, 1791. Galium aparine, 1784. Hydrargyrum (inefficacy of), 1773. Lac, 1725 (ass's milk), 1726 (with mineral waters). Opium, 1797. Opuntia Indica, 1808. Phellandrium aquaticum, 1771. Quercus (oak-bark), 1792. Rumex aquaticus, 1765. Sodii chloridum, 1702. Tabacum 1672 (tobacco as a cause of), 1744 (tobacco-chewing recommended). Thea Chinensis, 1684. Vinum, 1835 (Moselle).

Sedentary life, diseases of. Fel (Ox-gall), 1846.

Serpents, venomous, bites of. Ammonia, 1749 (in "Addenda," p. 807), 1777. Ammonia (subcutaneous injection of), 1869, 1874. Oleum Olivæ, 1736, 1783. See also art. "Serpens," 1872.

Short-sightedness. Atropia, 1874.

Skin diseases. Special Therapeutics, 1834 (Francon), 1863 (Courtillier et Meynet), 1868 (Francon), 1875 (Fox). Fumigation, 1818, 1838. Caustics, 1819, 1825. Alcohol (as predisposing to), 1874. Arsenic, 1850, 1857, 1866. Barium, 1794, 1851. Bismuth (ointment), 1792. Bitumen (Rock-oil of Barbadoes), 1830.

Caoutchouc (covering), 1875. Carbo vegetab., 1804. Carbolic acid, 1865, 1873. Eupatorium perfoliatum, 1813. Ferri perchloridum, 1860. Graphite, 1809. Gratiola officinalis, 1799. Guano, 1852. Hydrargyrum, 1852. Hydrarg-corrosivum sublimatum, 1766, 1772. Hydrocotyle Asiatica, 1859. Iodine, 1831, 1857. Manganese, 1800. Oxygen, 1798. Pix, 1832. Sulphur (fumigations), 1816, 1818, 1820, 1821, 1830. Sulphuric acid, 1672. Tabacum, 1648. Ulnus campestris, 1772. Zinci sulphas, 1841. Sea-water, 1856. Bath mineral waters, 1800, 1822. Harrogate waters, 1855.

Spasms and Spasmodic affections. Special Therapeutics, 1822 (Clarus), 1828, (Grötzner). Art. "Antispasmodics," p. 136. Artemisia (Moxa), 1827. Cocos maldivica, 1634. Dictamnus albus, 1777. Hydrocyanic acid, 1825. Hyoscyamine, 1873, Indigo, 1834. Lac (milk), 1726. Opium (opiate frictions), 1809. Sumbul, 1850. Ol. Terobinthinae, 1814. Viscum album, 1783. Zinci sulphas, 1772.

Spine, curvatures of. Special Therapeutics, 1857 (Ulrich), 1874 (Ulrich). Iodine, 1825.—*Irritation of.* Aconitum napellus, 1845. Hydrocyanic acid, 1825.—*Hyperæsthetic condition of.* Physostigma venenosum, 1863.

Spleen, diseases of. Special Therapeutics, 1847 (Heinrich). Ferrum, 1649, 1675. Hirudo (leeches), 1639. Quinine, 1831.

Spontaneous Combustion. Special Therapeutics, 1839 (Pfister).

Stammering. Special Therapeutics, 1836 (Colombat), 1871 (Coën).

Staphyloma. Argenti nitras (locally), 1823.

Sterility. Special Therapeutics, 1844 (Smyth). Coffee (as a cause of), 1695. Sea-water (baths, douches, &c.), 1856.

Stomach, affections of. Special Therapeutics, 1832 (Bloesch), 1873 (Leube). Astringents, 1635. Emetics (improper use of, in), 1806. Tonics, 1843. Ailantus excelsa, 1870. Antimonium tartaratum, 1822. Argenti oxidum, 1852. Carbo vegetab., 1855, 1865. Carbonic acid, 1779. Centaurea centaurium, 1765. Chiretta, 1830. Gastric juice (as a medicine), 1792. Hydrocyanic acid, 1820. Ipecacuanha, 1806. Monesia, 1839. Tabacum (tobacco as a cause of), 1761. Sea-water (internally), 1875. Harrogate mineral waters, 1855. See also *Digestive Organs, affections of.*—*Ulcer of.*—Special Therapeutics, 1858 (Schmidt).

Stomatitis, Aphthous or Ulcerous. Potassæ chloras, 1855, 1857, 1860.—*Mercurial.* See *Salivation.*

Strabismus. Special Therapeutics, 1863 (Giraud-Teulon). Hyoscyamus, 1859.

Stricture of Urethra. See *Urethra.*

Strychnia, poisoning by. Chloral, 1874 (in Addenda, p. 808). Nicotine, 1856. Physostigma venenosum, 1867, 1875. Potassii bromidum, 1868. Art. "Strychnia," 1835, 1856, 1857 (2), 1858, 1860, 1865, 1866, 1870, 1872, 1875, &c. Tannic acid, 1856.

Sulphuric Acid, poisoning by. Sulphuric acid, 1826, 1838, 1842, 1846.

Syphilis and Syphilitic Affections. Special Therapeutics, 1622 (Maccollone), 1788 (Spielmann), 1809 (Louvrier), 1818 (Lafontaine), 1823 (Pleindoux), 1826 (Vering), 1834 (Bonorden), 1836 (Lucas-Championnière), 1838 (Ricord), 1848 (Schlesinger), 1851 (Zeissl), 1852 (Lippert), 1861 (Diday), 1861-2 (Rollet), 1863 (Reder), 1867 (Geigel), 1868 (Marques), 1869 (Müller). Fumigation, 1743, 1776. Hypodermic method, 1868, 1873, 1875. Acids, 1798, 1837. Alteratives, 1743. Antiphlogistics, 1827, 1828, 1830, 1831 (2), 1836, 1838. Art. "Antisyphilitics," p. 136. Aconitum napellus, 1762. Agave et Begonia, sp. of, 1794. Alcohol (as predisposing to), 1870. Ammonia, 1774, 1781. Ammonii iodidum, 1874, 1875. Antimonium tartaratum, 1842. Argenti nitras, 1836, 1839. Astragalus exscapus, 1790. Aurum (salts of), 1811, 1812, 1817, 1819, 1821, 1827, 1828, 1829, 1834, 1835, 1870. Carex arenaria, 1772, 1784. Cuscuta Europea, 1718. Gratiola officinalis, 1775. Guaiacum, 1518, 1519, 1525, 1529, 1536, 1537, 1541, 1542, 1566, 1593, 1594, 1642, 1659, &c. Hydrargyrum, 1527, 1566, 1596, 1606, 1642, 1649, 1673, 1684, 1698 (2), 1717, 1727, 1732, 1747, 1752, 1755, 1756, 1758, 1762, 1764, 1765, 1766, 1768, 1769, 1770, 1772, 1773, 1774, 1776 (2), 1777 (fumigation), 1778, 1780 (iatraleptically), 1781, 1782, 1787, 1788, 1789, 1790 (2)

1792, 1798, 1801, 1809, 1812, 1814 (2), 1815 (2), 1818 (2), 1819, 1820 (2), 1821, 1823, 1824 (Ether mercuriel), 1824, 1825, 1827, 1828 (2), 1833, 1837, 1840, 1845 (mercurial vapour-bath), 1847, 1851, 1852 (fumigation), 1852 (mercurial frictions), 1855 (inunction), 1857, 1858 (4), 1860 (2), 1863, 1865, 1866 (2), 1868, 1869, 1872, 1874 (3), 1875 (fumigation). Ptyalism, 1668, 1710, 1723, 1750, 1765, 1780, 1793, 1817. Calomel, 1824, 1846, 1872 (hypodermically), 1873 (ditto), 1874 (ditto), 1875 (fumigation). Cinnabar (fumigation), 1780. Hydrarg. corrosivum sublimatum, 1762, 1763, 1764, 1767, 1771, 1774, 1775, 1790 (2), 1801, 1826 (inunction), 1869 (hypodermically), 1871 (ditto), 1872 (ditto), 1873 (2), (ditto), 1874 (2), (ditto). Hydrarg. oxidum nigrum, 1801. Hydrarg. oxidum rubrum, 1808, 1818, 1830, 1831. Iodine, 1840, 1843, 1845 (2) (Iod. of potassium), 1845 (other preparations), 1848 (Iod. of potassium), 1859 (ditto), 1860 (ditto), 1865 (ditto). Iodoform, 1871. Juglans regia, 1795. Lobelia syphilitica, 1782, 1791. Mikania Guaco, 1861, 1863. Nitrous acid, 1796, 1798 (2), 1800, 1802 (2). Opium, 1781, 1785, 1788, 1792, 1835. Oxygen, 1798, 1802. Potassæ bichromas, 1866. Potassæ chloras, 1798. Saponaria officinalis, 1756. Smilax aspera, 1652, 1689, 1813. Smilax China, 1542, 1543, 1553, 1642. Smilax officinalis (Sarsaparilla), 1563, 1593, 1594, 1642, 1782, 1803, 1823, 1826. 1841. Solanum Dulcamara, 1771. Sulphur, 1867. Water, 1853.—*Neonatorum*. Special Therapeutics, 1854 (Putegnat). Hydrargyrum (lavemens mercuriels), 1822.

Syphilitic Diseases of the Skin. Caustics, 1875. Aurum, 1828. Hydrargyrum, 1815. Mercurial baths, 1852 (ditto). Hydrargyri corrosivum sublimatum, 1764, 1766. Zinci chloridum, 1875.—*Of the bones*. Clematis erecta, 1777.—*Nodes*. Veratria, 1834.

Tabes mesenterica. Purgatives, 1805. Ferri iodidum, 1834. See also *Glands, affections of*.

Teeth, affections of. Acetum (vapour), 1772. Hydrargyrum (ill effects of), 1845. Saccharum (sugar as a cause of), 1862. Water, 1840.

Tetanus. Anæsthetics, 1848, 1855. Purgatives, 1805. Ammonia, 1866. Atropa Belladonna, 1848. Cannabis sativa, 1839. Chloral, 1870, 1871 (2), 1874 (2) (see also Addenda, p. 808). Chloroform, 1855. Datura Stramonium, 1777. Eserine, 1875 (2). Hydrocyanic acid, 1825. Hyoscyamine, 1873. Nicotine, 1856. Opium, 1794, 1810, 1831, 1874. Physostigma venenosum, 1863, 1867, 1868, 1871. Potassii bromidum, 1872. Rhus radicans, &c., 1799. Tabacum, 1610. Water (hot baths), 1874.

Throat, affections of. Inhalation, 1830, 1837, 1839, 1853, 1855, 1862, 1869, 1871, 1873, &c. Topical applications, 1851, 1854, 1860, 1863, 1866, 1872. Quinine (as a gargle), 1875.

Tic Douloureux; also *Facial neuralgia*. Special Therapeutics, 1873 (Corbetta). Purgatives, 1841. Aconitine, 1835. Aconitum napellus, 1845, 1855. Atropa Belladonna, 1818. Bebeerine, 1845. Ferri carbonas, 1820. Strychnia, 1835.

Tinea capitis. Carbo vegetabilis, 1804. Conium, 1761 (2). Guano, 1852. Ledum palustre, 1775. Terebinthina, 1699.

Tongue and Tonsils, affections of. Iodine, 1839.

Toothache. Special Therapeutics, 1873 (Corbetta). Aconitum napellus, 1845. Tabacum, 1642.

Trachea, affections of. Inhalation, 1830.

Tracheitis infantum. See *Croup*.

Trembling, mercurial. Hydrargyrum, 1818, 1857, 1872. Hyoscyamine, 1873. Iodine (Iod. of potassium), 1867.

Trichinae. Special Therapeutics, 1864 (Besnard).

Tuberculous Disease. Alcohol, 1859. See *Scrofula*.

Tumours. Hypodermic method, 1875. Caustics, 1872. Evacuants, 1783. Antimonium tartaratum (externally), 1822. Artemisia (Moxa), 1825. Sulphuric acid (Pâte sulfo-safranée), 1872. Tabacum, 1643.—*Scrofulous*. Iodine, 1831,

1839. Tabacum, 1648.—*Erectile and Varicose*. Caustics, 1858. Ferri perchloridum, 1868, 1872, 1875.

Ulcers. Fumigation, 1838, 1847. Chlorides, 1827. Evacuants, 1783. Argenti nitras, 1826, 1850, 1866. Arsenic, 1819. Balsamum Peruvianum, 1703. Barium, 1794. Bismuth (ointment), 1792. Sulphuret of Carbon, 1875 (2). Carbonic acid, 1864. Chlorine, 1861. Clematis erecta, 1769, 1777. Collodion, 1854. Conium, 1761, 1767, 1776. Daucus carota (poultice), 1806. Gastric juice (locally), 1785. Hydrargyri pernitras (caustic), 1826. Iodine, 1839. Iodoform, 1868, 1869, 1871. Momordica balsamina, 1720. Monesia, 1839. Opuntia Indica, 1808. Phellandrium aquaticum, 1739, 1771, 1828. Plumbum (P. acetas), 1818. Potassæ nitras, 1694. Soda biboras, 1781. Tabacum, 1648.—*Scrofulous*. Cantharides, 1789. Conium, 1771. Hydrocotyle Asiatica, 1855. Iodine, 1831, 1839. Juglans regia, 1841. Nitric acid, 1847.—*Phagedenic and Fetid*. The Chlorides, 1827. Carbonic acid, 1779. Chlorine, 1861. Iodine, 1839. Juniperus communis, 1736.—*Syphilitic*. The Chlorides, 1827. Calotropis gigantea, 1833. Hydrocotyle Asiatica, 1855. Opium, 1815, 1856.—*Varicose*. Chlorine, 1872. Ferri perchloridum, 1856, 1858 (2), 1862. Mikania Guaco, 1863.—*Of Mucous Surfaces*. Glycerine, 1873. Mikania Guaco, 1863.

Urethra, Stricture of. Special Therapeutics, 1842 (Boys de Lowry). Caustics, 1811, 1823 (2), 1837, 1842. Argenti nitras, 1807, 1809, 1835, 1838, 1840. Atropa Belladonna, 1826. Chloroform, 1848. Laminaria digitata, 1870. Potassa fusa, 1841.—*Discharges from*. Caustics, 1842.

Uric Acid Diathesis. Special Therapeutics, 1875 (Vial). Alkalies, 1874.

Urinary Organs, affections of. Special Therapeutics, 1872 (Mallez et Delpech). Ammonii chloridum, 1851. Argenti nitras, 1836. Cantharides, 1698. Lycopodium clavatum, 1702. Uva ursi, 1764.

Urinary Deposits. Special Therapeutics, 1844 (Golding Bird).

Urine, Retention of. Cantharides, 1810. Vinum (red wine), 1684.—*From Paralysis of the Bladder*. Ergot, 1860.

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Varices or Varicose Veins. Ergot (injections), 1875. Ferri perchloridum, 1854, 1856, 1858, 1862, 1868. Iodo-tannin, 1867, 1875.

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White Swelling. See *Hydrarthrosis*.

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Wounds. Antiseptics, 1869, 1870, 1871, 1873, 1874, 1875. Evacuants, 1782, 1783. Oils (oil and wine locally), 1603. Refrigerants, 1857. Alcohol, 1746, 1859, 1864 (2), 1865 (2), 1867, 1868, 1870. Alum, 1847. Argenti nitras, 1826, 1850, 1866. Carbolic acid (Phénol sodique), 1865, 1873. Sulphuret of Carbon, 1875. Carbonic acid, 1860, 1864. Coal tar, 1871, 1873. Collodion, 1854. Ergot, 1855, 1871. Ferri perchloridum, 1860, 1872. Glycerine, 1873. Iodine, 1839. Iodoform, 1868. Lycopodium clavatum, 1702. Opium (locally), 1846. Phellandrium aquaticum, 1739, 1771. Pix liquida, 1871. Plumbum (P. acetas), 1818. Tabacum, 1648. Water, 1542, 1570, 1649, 1797, 1809, 1810, 1836, 1867 (irrigations).—*Gunshot.* Emetics, 1814. Alcohol, 1867. Ammonia acetas, 1850. Carbolic acid, 1873. Ferri perchloridum, 1860, 1866.—*Poisoned, Dissecting, Bites of rabid animals, &c.* Argenti nitras (locally), 1850. Cantharides, 1762. Oleum Olivæ, 1736 (2), 1751. Tabacum, 1648.—*Suppurating.* Cinchona, 1752, 1757.—*Gangrenous.* Mikania Guasco, 1863.—*Of the Intestines.* Enemas, 1873.

INDEX OF AUTHORS.

	PAGE		PAGE
Aaninck, T., de purgantibus	179	Afzelius, A., myrrha	573
Abault, G., vinum	741	Agardh, C. A., sp. nicotianæ	716
Abbadun, —, émétiques	157	Agassiz, —, mania	40
Abeille, J., croup	95	Ager, T., cautérisation	142
— opium et belladonne	277, 597	Agnethler, M. G., de lauro	547
— sulf. de mercure (2)	498	Agnolesi, P., acido sulfuroso	704
— injections iodées	520	Agostini, A., mercurius	472
— strychnine	694	Agricola, J. C., cervus	322
Abel, G., hydrargyrum	484	Aguzzoli, A. L., cantharides	309
Abendroth, W. F., de coffea	372	Ahearne, T. M., de hydrargyro	481
Abercromby, D., nov. med. clavis	72	Ahrensén, A., meth. endermatica	83
— lues venerea	468	Aikin, J., lead	627
Abernethy, J., surgical essays	476	Aitken, T. J., de hydrargyro	481
Abhen Gnefit, medicamenta	59	Akerberg, M., salix	670
Abraham, M., see <i>Abrahamson</i> .		Albanese, H., cancer	89
Abrahamson, M., anthelmintica	127	Albers, A., antisiphilitica	136
— de cauteriis	141	Albers, J. F. H., arzneimittel- lehre	22
Abrahamus e Porta Leonis, de auro	279	— kehlkopfskrankheiten	43
Accum, F., Cheltenham waters	788	Albert, —, de cort. peruviano	348
— Thetford spa	802	Alberti, M., therapeutica (4)	3
Achard-Lavort, J. B., thérapeu- tique	8, 41	— medicamenta	62
— sublimé	500	— meth. conscribendi	77
Ackermann, C. W., plumbum	630	— analeptica	126
Ackermann, J. C. G., therapia	5	— diaphoretica	148
Ackermann, J. F., emetica	155	— emollientia	159
— antimonium	238	— de remediis excitandis	184
— guaiacum	456	— de arnica viribus	254
Ackermann, T., emetica	158	— de belladonna	272
— digitalis	408	— de camphoræ usu	300
Ackern, J. C. von, valeriana	736	— rosmarinum	664
Acorambonus, H., de usu lactis	536	— de squilla	676
Adair, J. M., therapeutics	5	— borax	686
Adam, J. P., arsenic	259	— succinum	701
Adam, chinoidinum sulficum	653	— tabacum	713
Adami, J. A., de oleo capeput	294	— de valerianis	735
Adams, J., detection of aconite	204	Alberts, O., ergotin	421
Addison, T., de hydrargyro	478	Albertus, S., de moscho (2)	570
Addison, W., cell therapeutics	24	Albespy, F., perchlor. de fer	439
— Malvern waters	796	Albini, G., ficus carica (2)	442
Aderholdt, A. E., lycopodium	551	Albinus, B., de cantharidibus	305
Adolphus, J., Indian bael	206	— tabacum	712
Adrian, M., perchlor. de fer	438	— de thee	726
Æjmelæus, C., arbor toxicaria	233	Albités, G., acetate d'ammoniac	225
Afforty, F., salvia	671	Albrand, L. C., quinquina	353
Affré, P. R., manuel du baignant	773	Albrecht, J. F. L., medicamenta	65
Afsink, H. J., therapeutica	6	Albrecht, J. G., enemata	97
		Albrecht, J. S., cerussa	626

- Albrecht, S. J. A., med. saturn. et jovial. 627, 693
Alcinet, J., china 344
Alcock, T., chlorurets 142
Alcott, W. A., coffee 372
Alderson, J., rhus toxicodendron . 661
Alderson, Sir James, lead 628
Alderson, R., Shap spa 801
Aldini, G., applicazione del vapore 86
Aldinus, T., smilax aspera 682
Aldis, C. J. B., iodine 517
Aldis, Sir C., mercury 491
Alefeld, G. L., sulph. antimonii . 245
Alefeld, G. L., sulfidos of arsenic 260
Alerany, D. J., on quicklime . . . 295
Alexander, W., experimental essays 133, 149
— cantharides (2) 306
— opium 590
— Harrowgate waters 792
— Horley-green waters 793
Algay, J. B. H., injections iodées 522
Alibert, J. L., thérapeutique . . . 6
— l'art de formuler 79
Alison, S. Scott, iron 433
Alison, W. P., physiology, &c. . . . 12
Allard, G. C., inhalation 94
Allen, B., mineral waters (2) . . . 775
Allen, T. E., materia medica 36
Alley, Sir G., hydrargyria 489, 490
Allié, —, noix vomique 698
Allier, —, seigle ergoté 420
Allihn, J. C. H., aqua 761
Allmacher, J. W., sudorifera . . . 148
Allory, R. A., quinquina 352
Alonzo y Rodriguez, J., terapeutica 34
Alpinus, Prosper, de balsamo 283
— de rhapsantico 659
Alston, C., on quick-lime, &c. . . . 295
Alt, O., merkur 484
Altherr, P., zinci murias 751
Althof, L. C., terra ponderosa . . . 286
Althusius, H., de purgatione 176
Altmann, K. N., antiscorbutica . . . 132
Altomari, Donatus A. ab, manna . 556
— vinacea 747
Alvarez, J., désinfectants 152
Alyon, P. P., oxygène 602
Amagat, A. L., absorption des médicaments 81
Amati, M., opobalsamum 284
Amatus Lusitanus, rad. chinæ 683
Amberger, J. A. A., de calce viva 296
Ambialet, —, quinquina 350
Ambrosoli, C., vesicanti 196
Amelang, L., schwefelsäure 706
Amelung, C. C. G., angusturarinde 231
Amiard-Fortinière, T., antagonisme 70
Amic, J. C. G., bittérine 289
Amiel, —, opium 592
Amman, P., cort. Peruviani hist. . . 338
Ammonius, J. A., therapeutica . . . 1
Amoreux, P. J., cachou 321
— lichens 518
— olivier 583
Amory, R., bromides 225, 612
— veratrum viride 738
Amouretti, E. H., ipécacuanha . . . 529
Amthor, C., chrysioscopion 280
Amussat, A. A., eau en chirurgie . 765
Anaya, M. d', chlorate de potasse 637
Ancelet, E., fumigations 94
Ancelet, E. A., tartre stibié 243
Ancher, P., succinum 701
Andalorius, A., caffèe 369
Anders, L. N., Hollunder 673
Anderson, A., eupatorium perfol. . 426
Anderson, A. P., acid. sulphuricum 705
Anderson, H. S., de iodino 518
Anderson, J., evacuations 160
— Nopal and Tuna 599
— sea water 771
Anderson, J. W., de medicamentis, &c. 185
Anderson, P., Kinghorn-Craig spring 794
Anderson, T., manna, sp. of 557
Andla, A. ab., mentha 560
Andrado, J. H., jalapa 530
Andral, G., fièvre typhoïde 180
André, F., acid and alkali 101
Andréa, J. F., de usu aconiti 202
Andrée, A., de acido pyrolog. 200
Andree, J., hemlock 379
— Tilbury water 802
Andrejewsky, E. S. v., euphorbia. 426
Andrews, E., anæsthesia 121
Andrews, J. B., phosphoric acid . 611
Andrews, M. F. L., alum 221
Andrews, M. W., lunar caustic . . . 249
Andriessen, H., de acid. hydrocyan. 509
Andry, —, belladone 273
Andry (N.), véronique 740
Anelli, G., rumex, salvia 666, 672
Angelstein, C., senega 678
Angerstein, E., kinesitherapia 22
Anglada, C., thérapeutique 24
Anglada, J., thérapeutique 28
Angot, A. R., thérapeutique 14
Anizon, P., nitrate d'argent 250
Anjou, F., de rad. caryophyllatæ . 449
Annesley, J., calomel 495
Anselmier, —, absinthe 267
Anselmo, C. G., assorbimento dei rimedi 81
Anstie, F. E., practitioner 59
— stimulants and narcotics 186
Anthony, F., aurum potabile (2) . . 279

- Antz, C. C., tabacum . . . 716
 Anwyl, G. W., de arsenico . . . 258
 Apelt, C., arnikatinktur . . . 255
 Apjohn, J., Lisdoonvarna spa . . . 804
 Appel (Appelius), J. J., tabacum . 712
 Apuleius, Lucius, virtut. herbarum . 59
 Arbaud, G., hydrargyrum . . . 467
 Arbinet, D., pulv. chinæ-chinæ . . . 337, 339
 Archer, C., oxygen . . . 602
 Archer, J., carb. of lime, &c., . . . 297, 553, 635
 Arends, J. A., emetica . . . 155
 Aretæus Cappadox, therapeutica . . 2
 Ariosti, F., de petroleo . . . 289
 Armand, P., coqueluche . . . 643
 Armstrong, C., on scrophula . . . 223
 Armstrong, J., copaiba . . . 385
 — sulphureous waters . . . 777
 Arnal, —, seigle ergoté . . . 418
 Arnaud, B., sulfate de fer . . . 441
 Arnaud, G., extract of lead . . . 627
 Arnold, J. D., arsenic (toxicol.) . . . 264
 Arnold, J. W., erbrechen . . . 158
 — de sale ammoniaco . . . 226
 Arnott, H., cancer . . . 55
 Arnott, J., therapeutics . . . 19
 — congelation (5) . . . 124
 — ptyalism . . . 488
 Arppe, A. E., de iodeto bismutico . 288
 Arraes, D. M., guaiacão . . . 456
 — azogue . . . 467
 — morbo gallico . . . 683, 684
 Arragosius, G., de hydrargyro . . . 468
 Arroneet, G., iodium . . . 521
 Arthaud, J., brom. de potassium . . 642
 Artus, W. F. W., strychninum . . . 694
 Arvedo, P., kermes minerale . . . 246
 Arvers, L. A., tabac . . . 716
 Arvidsson, J. A., de acido sacchari . 600
 Arzerouny, M., thébaine . . . 730
 Asmus, J. B., chinin . . . 651
 Assalini, P., fumigazioni . . . 86
 Assogond, A., bains de mer . . . 771
 Asti, F., china-china . . . 348
 Astruc, J., therapeutica . . . 4
 — saccharum . . . 667
 Athanasius, E., squilla . . . 676
 Athill, S. B., aqua . . . 759
 Atlee, W. L., ovarian tumours . . . 55
 Attamonelli, M., opium . . . 591
 Aubergier, H., lactucarium . . . 546
 — opium indigène . . . 598
 Aubert, A. R., salia . . . 183
 Aubert, L., hachisch, &c. . . . 810
 Aubert, P., caustiques (2) . . . 142
 Aubrun, E., perchlor. de fer . . . 439
 Aubry, J. F., thérapeutique de Cos . 41
 Aucher, J. J., opium . . . 599
 Audouin, V., alcool . . . 215
 Audouard, M. F. M., nouv. fébri-
 fuge 359
 — sinapismes 681
 Audouin, J. V., cantharides . . . 308
 Audouit, E., hydrocotyle asiat. . . 506
 Auer, V. v., rheum 660
 Aufmkolk, F. W., de cort. cari-
 bæo 319, 358
 Augustin, F. L., therapie 7
 Aulagnier, —, hirudo vorax . . . 463
 Aulangier, F. M. A., goutte . . . 376
 Aulnay, C. d', café 372
 Aumont, A. d', mercure 472
 Aurifaber, A., succinum 700
 Aurnhammer, C., calomel 496
 Autellet, M., alcool 217
 Autenreith, J. H. F., therapie . . . 16
 — angustura-rinde 231
 Avellaneda, M. E., alcool 215
 Avery, J. A., de usu moxæ 269
 Avisard, J., térébenthine 723
 Avon, C. F., hemicrania 40
 Avrard, J. F., injections utérines . . 99
 Awsiter, J., opium 599
 Axtius, J. C., de antimonio 236
 — de coniferis et pice 621
 Aycke, J. C., bernstein 701
 Ayre, J., calomel in cholera . . . 496
 Baalen, P. v., de cort. peruviano . . 342
 Babington, W., Tunbridge Wells . . 803
 Babst v. Rochlitz, M., junipere-
 tum 531
 Baccius, A., vinum 741
 Baccolla, A., oppio 598
 Bach, A., blutegel 461
 Bache, W., carbonic acid gas . . . 316
 Bachot, S., manna 557
 — chocolata 730
 Bachoven, H. F., sapo 674
 Bachovius, G. C., de helleboro . . . 458
 Backer, G., virtut. plantarum . . . 75
 Backer, —, les eupatoires 426
 Bacon, R. H., révulsion 145
 Bacot, J., syphilis 479
 Badia, S., hydrarg. bichlor. 501
 Badoz, A. A., chloroforme 332
 Badus, S., cortex Peruvianus . 337, 338
 Baerens, B. F., de acid. hydrocyan. . 509
 — see Bähr, Bährens.
 Bæumlein, see Bäumlein.
 Baglivi, G., de praxi medica . . . 193
 Bagot, —, sucre 668
 Bähr, B., digitalis 406
 Bährens, F., de anæstheticis . . . 116
 Bährens, W. C. L., hypochon-
 driasis 41
 Baier, F. J., de abusu purgantium . 178
 Baier, J. G., de mercurio 470
 Baier, J. J., de artemisia 270

- Baier, J. J., de mercurio . . . 468
 — de visco . . . 747
 Bailey, J., belladonna . . . 274
 Bailey, N. V., tobacco . . . 717
 Bailey, W., solfiti . . . 188
 Baillard, E., tabac . . . 711
 Bailly, A. A. P., ergotisme . . . 413
 Bailly, —, ergotine . . . 420
 Bailly, F., hydrargyrum . . . 469
 Bailly, P. H. H., opium . . . 595
 — arsenic . . . 810
 Bain, J., coca du Pérou . . . 422
 Bainbrigge, W. H., chloroform . . . 380
 — Droitwich baths (2) . . . 789
 Baines, M. A., milks . . . 541
 Baizeau, —, cystite hémorrhagique . . . 189
 Baker, G., new jewel of health . . . 234
 Bakewell, R. H., Purton spa . . . 799
 Balardini, L., secale cornuta . . . 414
 Balcianelli, J., antimonio . . . 234
 — argento vivo . . . 467
 Baldinger, E. G., febris . . . 40
 — secale cornutum . . . 411
 — cort. Peruvianus . . . 345
 — hist. mercurii . . . 474
 Baldus, B., opobalsamum . . . 293
 Baldus, J., tabacum . . . 710
 Baldus, S., see *Badus, S.*
 Baldwin, G., la peste . . . 583
 Balestreri, F. M., dieta lattea . . . 542
 Balfour, G. W., iod. of potassium . . . 524
 Balfour, J. H., strychnia . . . 694
 Balfour, T., de cort. Peruviano . . . 345
 Balfour, W., emetic tartar . . . 241
 Balk, D. G., derivantia . . . 144
 Ballard, E., materia medica . . . 19
 — dyspepsia (pepsin) . . . 608
 Ballester, A., terapeutica . . . 34
 Ballet, P., vésicatoires . . . 196
 Bally, —, typha latifolia . . . 733
 Balmana, A., solanin . . . 691
 Balmis, F. X. de, agave et begonia . . . 208
 Balthasar, T., sal communis . . . 687
 Balthazaar, A., formulæ . . . 78
 Bandelow, A. D., ilex aquifolium . . . 513
 Banusius, F., de potu cañ . . . 368
 Bang, A. O., de junipero . . . 532
 Bang, O. L., therapie . . . 28, 29
 — incitantia, &c. . . 189
 — Wasser . . . 767
 Banister, T. B., aqua . . . 760
 Bank, J. F. vander, baryta . . . 285
 Banning, F., nicotiana . . . 716
 Banzolini, P. E., intox. saturnine . . . 682
 Barallier, A., lobelia inflata . . . 550
 See *Barallier.*
 Baraniecki, A., petit-lait . . . 544
 Barascut, —, nitrate d'argent . . . 250
 Barba, P., curat. tertiansæ . . . 837
 Barbasta, —, iode . . . 522
 Barbé, R. J., sublimé corrosif . . . 501
 Barber, H., Grange spa . . . 791
 Barbier, J. B. G., matière médicale . . . 9
 — thérapeutique . . . 10
 — méth. iatraleptique . . . 84
 Barbieri, A., solfito di magnesia . . . 554
 Barbieri, G., digitalis . . . 404
 Barbosa, A. M., fève de Calabar . . . 619
 — soufre . . . 705
 Barbot, —, rhubarbe . . . 660
 Barchewitz, M. A., phosphorus . . . 612
 Barclay, J., ale, wines, &c. . . 718
 Barclay, W., nepentes . . . 708
 — callirhœe . . . 780
 Bard, S., opium . . . 588
 Bardou, P., vésicatoires . . . 196
 Bardoulat, H., seigle ergoté . . . 415
 Bardaley, J. L., hospital facts . . . 693
 Barduzzi, D., idroterapia . . . 769
 Barrella, H., arsenic . . . 260, 261
 Bärens, see *Bærens.*
 Barez, —, therapie med.-chir. . . 16
 Barfoth, H., camphora . . . 302
 Barforth, A. H., oxygenium . . . 602
 Baricelli, J. C., de lactis, &c. . . 536
 Barilleau, C., abus des astringens . . . 139
 Barjolle, J. B., tabacum . . . 714
 Barker, B. F., anæsthetics . . . 118
 — first stage of labour . . . 276
 — ergot . . . 420
 Barker, J., Cheltenham waters . . . 788
 Barker, T. H., deodorization, &c. . . 151
 Barlan-Fontayral, F. E., ergot . . . 420
 Barlow, E., Bath waters . . . 783
 Barnes, A., Shadwell spa . . . 800
 Barnstein, H., tabacum . . . 711
 Baron, —, narcotica . . . 169
 Baron, C., hydrargyrie . . . 491
 Baron, H. T., chocolata . . . 731
 Barotti, L., caffè . . . 371
 Barovero, G., therap. chirurg. . . 38
 Barquisau, J., opium . . . 594
 Barrallier, A. M., chlor. d'ammoniaque . . . 226
 — huile de valériane . . . 736
 See *Barallier.*
 Barratt, J., eupatoria vertil. . . 426
 Barrau, J. J., arsenic (toxicol.) . . . 264
 Barré, P. A., émétique . . . 241
 Barrère, J., plomb . . . 627
 Barresvil, J. B., tannate de quinine . . . 657
 Barrion, —, alcool . . . 209
 Barry, E., wines of the ancients . . . 743
 Bartels, E. D. A., therapie . . . 10
 — cholera . . . 44
 Barth, —, belladonna . . . 275
 Bartharez, J., quinine . . . 654

- Barthélemy, T., thérap. chirurg . 38
 Barthés, F., bains de mer . . . 773
 Barthez, F., brôme . . . 291
 Bartholdi, —, morb. e mercurio . 489
 Bartholin, T., gangræna . . . 770
 Bartholow, R., hypodermic med. . 90
 — bromides . . . 140
 — disinfection . . . 151
 — bromide of potassium . . . 641
 Barton, B. S., hyoscyamus . . . 511
 Barton, W. P., nitrous oxide gas . 580
 Bartrum, J. S., are drugs of use? . 69
 Baruffaldi, G., tabaccheide . . . 713
 Bascome, E., prophylaxis . . . 174
 Basham, W. K., nitrate of potash . 639
 Bassenge, J. F., acid phospho-
 reum . . . 610
 Bassfreund, J., de kali iodati . . . 523
 Basslinger, J., pepsin . . . 608
 Bastgen, C. A., jalap, &c. . . 531, 675
 Bastion, P., diphthérie . . . 139
 Bataille, J. F., alcool en chirurgie . 212
 Bateman, T., mercurial erethism . 490
 Batilliat, P., vins de la France . . 745
 Batka, J. B., cassien-gruppe senna . 679
 — sarsaparille . . . 684
 Batsó, V., filix mas . . . 443
 Battifora, G. A., rosolio . . . 409
 Baucher, F. C. H., chloroforme . . 332
 Baudelocque, P., chloroforme . . . 334
 Baudens, L., chloroforme . . . 114
 Baudin, L., absorption cutanée . . 82
 Baudot, E., introduct. des médica-
 ments . . . 81
 — alcool . . . 214
 Baudot, L. A., vin . . . 744
 Baudrimont, A., dose des méd. . . 80
 Baudrimont, E., chlor. de potasse . 637
 Baudry-Lacantinerie, M. P. A.,
 alcool . . . 217
 Bauer, A., schwefeläther . . . 108
 Bauer, C. H., antispasmodica . . . 136
 Bauer, J. D., de mercurio . . . 475
 Bauer d'Adelsbach, —, metalla . . 167
 Bauhin, J., de plantis absynthii . . 267
 Baumann, J. W., tabacum . . . 709
 Baumbach, N., senna . . . 679
 Baumé, M., æther . . . 423
 Baumer, J. G., mineralia . . . 167
 — aqua calcis . . . 296
 Baumes, J. R. T., quinquina . . . 352
 Baumes, M., quinquina . . . 348
 Baumgarten, J., börnstein . . . 700
 Baumgarten, J. C. G., cortex ulmi . 733
 Baumgärtner, K. H., therapie . . . 22
 Bäumllein, E. C. F., scutellaria . . 677
 Bäumllein, G. P. A., cubeba . . . 391
 Baur, H., die oelcuren . . . 85
 — frictions d'huile . . . 86
 Bausch, J. L., de hæmatite . . . 430
 Bausch, J. L., de cæruleo . . . 436
 Bausch, L., veratrum, &c. . . 459
 Bayard, R., opium . . . 592
 Bayen, P., étain . . . 693
 Bayer, T., therapeutik . . . 6
 Bayes, W., baptista tinctoria . . . 235
 Bayford, T., injections . . . 100
 Bayle, A. L. J., bibl. thérapeutique . 11
 — émétique . . . 242
 — ciguë . . . 382
 Bayle, F., de lacte . . . 537
 Bayley, Walter, pepper . . . 622
 — Warwick waters . . . 798
 Baylies, W., Bath waters . . . 782
 — Stratford waters . . . 801
 Bazin, S., adstringentia . . . 138
 Bazoche, G., buis (buxus) . . . 292
 Bazzoni, C., ol. di... merluzzo . . 570
 Beard, G., stimulants and nar-
 cotics . . . 186
 Beau, L., lavements . . . 99
 Beau, —, évacuans . . . 161
 Beau, L., coal-tar . . . 365
 Beaufort, —, arsenic (toxicol.) . . 265
 Beaulies, H. G., stomatite mercu-
 rielle . . . 492
 Beanpoil, H., cantharides . . . 307
 — quinine . . . 652
 Beauvais, de —, uva ursi . . . 735
 Beccavivus, J. B., phosphorus . . . 611
 Béchamp, J., perchlor. de fer . . . 440
 Beck, B., pseudoplasmen . . . 49
 Beck, G. L., tabacum . . . 713
 Beck, J. B., materia medica . . . 21
 — infant therapeutics . . . 48, 419, 484
 Beck, —, cyanure de mercure . . . 502
 Becke, D. vander, sal tartari . . . 640
 Becker, —, arnika . . . 256
 Becker, C., wasser . . . 766
 Becker, C. J., chloroformum . . . 332
 Becker, C. J. T., acid. hydrocyanic . 508
 Becker, D., wachholder . . . 631
 — de pipere et opio . . . 585, 622
 Becker, J. C., agrimonia . . . 208
 Becker, J. H., tonica . . . 188
 Becquerel, A., acide prussique . . 509
 Becu, F. G., tabac . . . 715
 Beddoes, T., factitious airs . . . 316
 — digitalis . . . 401
 — nitrous acid (2) . . . 577
 Bedos, H., quinquina . . . 356
 Begbie, J., datura . . . 399
 Begbie, J. W., muriate of lime . . 297
 — turpentine . . . 724
 Bégin, L. J., thérapeutique . . . 10
 Bègue de Preale, A. G., de subl.
 corrosiv . . . 499
 Béguillet, E. B., ergot . . . 411
 Beguin, P., huiles . . . 172
 Béhier, J., alcool . . . 214

- Béhier, J., fièvre typhoïde . . . 768
 Behn, J. C. W., aqua . . . 762
 Beigel, H., krankh. d. weiblichen
 geschlechtes . . . 56
 — inhalation . . . 95
 Beintema, J. J. W., tabacologia . 712
 Beissenhirtz, F. A., de arsenico . 259
 Belanger, C., quinquina (culture du) 362
 Belchilgen, Count, tea . . . 728
 Belet, G., diuretica . . . 153
 Belgard, S. H., de salivatione . 488
 Belhomme, —, calomel . . . 496
 Bell, B., camphor and hyoscyamus
 303, 512
 Bell, Sir C., on purgatives . . . 180
 Bell, C., diphtheria, &c. . . 439
 Bell, G. H., muriat. tinct. of iron . 437
 Bell, J., inhalation . . . 93
 — on alcoholic liquors . . . 212
 — alcohol . . . 216
 — carbolic acid . . . 313
 — colchicum in cholera . . . 376
 — hydrology . . . 765
 Belli, B., anisum stellatum . . . 232
 Bellini, R., calomelano . . . 497
 Belliol, J. A., iode . . . 516
 Belloc, —, charbon végétal . . . 310
 Bellon, P. M. P., courge . . . 392
 Bellon, P., the Irish spaw . . . 804
 Belloste, A., mercure . . . 469
 — mercure . . . 471
 Belon, P., de coniferis . . . 621
 Below, J. F., de natura, &c. . . 61
 Belugon, —, phellandrie . . . 610
 Belus, L., rhabarbarum . . . 659
 Bemich, F. E., belladonna . . . 275
 Bénaben, M. G., iode . . . 516
 Benazzi, A. C., chinina . . . 656
 Bender, C. B., glechoma . . . 450
 Bender, F. H., scrophul. . . 46
 Benecke, C. F., scilla . . . 676
 Beneden et Hesse, —, hirudinées . 465
 Beneke, F. W., phosphor. kalk,
 &c. . . 297, 298
 — molkencur . . . 543
 — phosphor. kalk . . . 613, 614
 Benescia, G. B., china china . . . 344
 Beneventus, J., de aceto vini . . . 200
 Bening, B. F., de hirudine . . . 461
 Bennett, J. H., antagonism of
 medicines . . . 71
 — consumption . . . 192
 — mercury, &c. . . 485, 633,
 — cod-liver oil . . . 567
 Bennett, J. W., cocoa-nut tree . 367
 Benoist, J., nitrate d'argent . . . 251
 Benoit, J., purgatifs . . . 181
 Bentley, R., Pereira's mat. med. . . 29
 Benzon, E., saleb . . . 599
 Béral, P. J., manuel pharm. . . 79
 Beraudi, L., noce vomica . . . 698
 Berchon, E., anesthésiques . . . 118
 Bercioux, L., belladone . . . 276
 Berend, N., chloroform . . . 113
 Bereuds, —, de sale ammoniac . 226
 Berenger, —, l'eau de millefleurs 201
 Berenger, H. F., chlorium brow-
 ium, &c. . . 291
 Bérenger-Féraud, J. B., alcool . . 214
 — digitale . . . 407
 — iode . . . 524
 Berens, —, de phellandrio aqua-
 tico . . . 610
 Berens, J., veratrum viride . . . 738
 Berens, K., arbor draconis . . . 409
 Berg, F. W. A., nicotiana . . . 718
 Berg, G. L. de, vinum . . . 743
 Berg, J., de cort. angusture spurio 231
 Berg, J. F., hydrarg. oxid. rubri (2) 503
 Berg, O., chinarinden . . . 356
 Berg, S. P., hydrargyrum . . . 476
 Bergemann, G. W., camphora . . . 302
 Bergen, C. A. v., de petasitide . . . 608
 Bergen, H. v., cinchona . . . 353
 Berger, C. A. de, de aloïde . . . 220
 Berger, J. G., chinchina . . . 340
 — opium . . . 586
 Berger, S., Pâonienwurzel . . . 605
 Bergeret, A., de l'urine . . . 53
 — chlorure de sodium . . . 688
 Bergeret, L. F. E., eau . . . 768
 Bergeron, A., chloroforme . . . 122
 Bergeron, E. J., chlorate de potasse 636
 Bergès, P., chloroforme . . . 334
 Berghausen, F. J., chloroformum . 117
 Bergman, T., magnesia alba . . . 552
 — de niccolo . . . 576
 Bergmann, A. L., kreosot . . . 388
 Bergmann, T., arsenik . . . 256
 — zincum . . . 750
 Bergonzi, G., lauro-cerasus . . . 645
 Bergquist, J. W., laxantia . . . 137
 Bergsma, C. A., thea . . . 728
 Bergson, J., aether-dämpfe . . . 108
 Berkeley, G. (Bishop), tar water . 623
 Berkeley, R., on sedatives . . . 184
 Berlin, N. J., sal. chromici . . . 335
 Bernard, Claude, substances tox.
 méd. . . 69
 — anesthésiques . . . 122
 — iode naissant . . . 522
 Bernard, H. A., sublimé . . . 501
 Bernard, J., iodiques . . . 521
 — iode naissant (2) . . . 523
 Bernardin, A. E. M., moxa . . . 269
 Bernatzig, W., iodpräparate . . . 521
 Berndt, F. A. G., therapie . . . 12
 — belladonna . . . 274
 Berner, G. E., de sale volatili . . . 222
 Bernhardt, —, fiegenschwämmen 221

- Bernhardt, G. L., nit. muriat. acid 579
 Berniere, W. A., de oleis . . . 172
 Bernigay, —, terra ponderosa, &c. 285
 Bernoulli, C. G., theobroma 731
 Berres, J., holzsäure . . . 200
 Berrut, L., iod. de potass. . . 522
 Berruti, G., formul. terapeut. . . 36
 — formulario . . . 81
 Berset, F. P., de cantharidibus . . 306
 Bertaldi, J. F., app. externorum . 190
 Bertet, —, koumys . . . 534
 Berthault, J. M. E., haschisch . . 305
 Berthé, M., codéine . . . 367
 — morphine . . . 565
 — huile de foie de morue . . . 569
 Berthelot, M., glycérine (3) . . . 450
 Bertherand, E. L., acide azotique . 578
 — quinine . . . 651
 Berthold, A. A., arsenik (toxicol.) 264
 Berthold, A. H., phellandrium . . 610
 Bertholle, —, trait. du croup . . . 221
 — salivation . . . 489
 Berthollet, C. L., tart. potass. ant. 240
 — de lacte . . . 539
 — soufre (fumigations) . . . 702
 Berthoud, P., cantharide . . . 309
 Bertin, G., transfusion . . . 216
 Bertin, J. E., alkali volatile . . . 809
 Bertini, J. M. X., mercurio . . . 470
 Bertoloni, A., de mandragoris . . 278
 Bertolotti, A. N., stannum . . . 693
 Berton, E. A. J., malad. de l'en-
 fance . . . 47
 Bertotius, A., therapeutica . . . 1
 Bertram, —, de salivatione . . . 488
 Bertram, J., dropsy . . . 39
 Bertrand, A. V., absorption cutanée 82
 Bertrand, C., lait . . . 541
 Bertrand, J. B., acide et alcali . . 101
 Bertrand, P. A., collodion . . . 377
 Bertulus, E., fièvre intermittente . 162
 — quinquina . . . 355
 Bernard, A. F., trichinen . . . 52
 Besnier, E., caoutchouc . . . 310
 Besnier, J., chloral hydraté . . . 327
 — brom. de potassium . . . 641
 Besnou, L., intox. phosphorique . 616
 Besombes, A. J. U., ophthalmie . . 252
 Besser, O. L. v., salicinium . . . 669
 Bessière, E. B., vésicatoires . . . 196
 Bethencourt, J. A., nova peniti-
 alis quadragesima . . . 466
 Betti, A. M., rhabarbum . . . 659
 Beuttel, J. G., de martialibus . . 430
 Beveren Esveldt H. G. de, opium 592
 Bevis, J., Bagnigge wells waters 780
 Bezold, A. v., atropin . . . 278
 Bezold, A. v., aud Hirt. L., vera-
 trin . . . 737
 Bezold, J. A., apoplexia . . . 40
 Bianchi, G., diss. against blisters . 194
 — fosforo . . . 613
 Bianchini, G. F., mercurio . . . 470
 Biberg, A., chromoxiden . . . 335
 Bibra, F. E. v., schwefeläther . . 108
 — narkotischen genussmittel . . 170
 — kaffee . . . 372
 — & Geist, L., phosphor (krankh.) 615
 Bickel, —, chinoidin . . . 654
 Bicker, G., mercur. sublimat. . . 500
 Bickfai, J. de, de auro et argento 249
 — de viribus auri . . . 280
 Bidard, E., alcool . . . 215
 Bidault de Villiers, F. T., digitale 401
 Biéchy, E., thérapeutique . . . 27
 Biel, J., kumys . . . 534
 Bielicki, R., de metal. albuminat. 168
 Bieliz, J., de manna . . . 557
 Bienfait, J., iod. de potass. . . 524
 Bierkowski, L. J. v., moschus . . 571
 Biermann, C. F., kermes minerales 246
 Biermann, J. C. A., therapeutik . . 13
 Bigelow, H. J., the ether dis-
 covery (2) . . . 123
 Bigeschi, G., segale cornuta . . . 413
 Bigsby, J. J., de vi arsenici . . . 258
 Bilfinger, C. L., antimonium cerat. 237
 Billard, J. P., lac . . . 540
 Billiottet, J. M., lait . . . 539
 Billroth, T., chirurg. therapie . . . 38
 Bindé, J. E., digitale . . . 407
 Binder, E., opium . . . 596
 Bing, A. H., remedia glutinosa . . 187
 Bing, J., de cinnabari . . . 497
 Bingel, G. A., pharm. therap.
 handbuch . . . 27
 Binswanger, L., borax . . . 686
 Biuswanger, M., sp. of rhamnus . 658
 Binz, C., arzneimittellehre . . . 70
 — chininwirkung . . . 357
 — chinin (2) . . . 653, 656
 — aqua . . . 766
 Birago, C., potassa caustica . . . 634
 Birch, J., de opio . . . 587
 Birch, S. B., oxygen (3) . . . 604
 Bird, F., psychischen krankh. . . 45
 — sanguinaria . . . 673
 Bird, Golding, urinary deposits . . 47
 Bird, J., vegetable charcoal . . . 310
 Biria, J. A. J., renoncules . . . 658
 Biriën, H. P., diète lactée . . . 542
 Birkholz, A. M., arnica . . . 255
 — johanniakraut . . . 513
 Bischoff, J. R., fieber, &c. . . . 48
 Bisset, J., Leamington spa . . . 795
 Bisson, —, agaric blanc . . . 207
 Bizarelli, L., mercure, &c. . . 484, 523
 Bizio, G., bromo e iodio . . . 291
 Blachez, —, bains froids . . . 770
 Black, A., aqua . . . 763

- Black, D. C., therapeutics . . . 33
 Black, J., magnesia alba, &c. . . 296
 — magnesia alba (2) . . . 552
 Black, P., chloroform . . . 115
 Blackburne, W., sal communis . . . 687
 Blackett, P. C., atropa belladonna 274
 Blacklock, A., phosphate of lime,
 &c. . . 298
 Blackrie, A., solvents of stone . . . 164
 Blaese, N. W., opium . . . 590
 Blagny, D., thérapeutique . . . 10
 Blaincourt, J. B., salicine . . . 669
 Blair, W., venereal diseases . . . 136
 — venereal disease . . . 476, 577, 636
 Blaire, V. G., anesthésie locale . . . 125
 Blake, J., salines injectées . . . 91
 Blan, V. T., quinine . . . 649
 Blanc, H., choléra . . . 327
 Blanc, L., soufre . . . 704
 Blanche, T., protoxyde d'azote . . . 582
 Blanchère, H. de la, collodion . . . 377
 Blanchet, R., ammoniacque . . . 224
 Blanchon, C., intoxication mercu-
 rielle . . . 492
 Blane, émétiques . . . 156
 Blankaart, S., medicamenten . . . 61
 — thee . . . 726
 Blaquart, C. L., digitaline . . . 408
 Blasart, A., nitrate d'argent . . . 253
 Blasius, G., therapeutica . . . 2
 Blasius a Villafranca, methodus
 refrigerandi . . . 181
 — sal nitri . . . 637
 Blatin, A., nicotine . . . 576
 — nicotine et tabac . . . 719
 Blau, L., krankheits-symptomen . . . 56
 Blaud, —, sulfate de fer, &c. . . 441
 Blazy, P. N., caustiques . . . 141
 Blech, E. P., ær dephlogisticatus . . . 602
 Blecker, J., de plumbo . . . 627
 Blecourt, J. A. de, de ferro . . . 431
 Blegny, N. de, remède Anglais . . . 338
 — thé, café, &c. . . 368
 Bleisch, E., de amygdalinio . . . 228
 Bliss, J., Hampstead and Kilburn
 water . . . 791
 Blizzard, W., copper . . . 392
 Bloc, P., cenanthe crocata . . . 582
 Bloch, M. E., eingeweidewürmer . . . 127
 Blochwitz, M., anatomia sambuci . . . 672
 Block, —, chinin . . . 654
 Block, M. G., scrutinium arsenici . . . 256
 Bloebaum, F., atropin . . . 278
 Bloesch, C. A., gastrischen krankh. . . 44
 Bloesch, J. A., therap. submersorum . . . 40
 Blom, P. J., salicine, &c. . . 669
 Blondot, N., arsenic (toxicol.) . . . 266
 Blondot, P. P. H., quinquina . . . 354
 Blondus, M. A., lignum indicum . . . 455
 — aqua . . . 755
 Blot, F. J., chloroforme . . . 115
 Blot, N. S., vires plantarum . . . 73
 Blottière, C., columbo . . . 300
 Blume, C. L., de arsenico . . . 258
 Blumenau, G., ung. tartar. stibiat. 240
 Blumenröder, G., de hypnoticis . . . 170
 Blundell, W., congelation . . . 124
 Boaria, B., oppio . . . 596
 Bobe-Moreau, J. B., aqua . . . 759
 Bobœuf, P. A. F., acide phénique . . . 313
 Boccone, P., corail . . . 386
 Bochart, V. L., lähmungen . . . 43
 — mercurial præparate . . . 481
 — bleikrankheit . . . 630
 Bochefontaine, L. T., quinine (2) . . . 655
 Bochet, E., ésérine . . . 423
 Bock, E., radix valerianæ . . . 736
 Bock, F. S., bernstein . . . 701
 Bock, J. G., ipecacuanha . . . 528
 Böcker, F. W., heilkunde . . . 68
 Bodard, P. H. H., tussilage . . . 609
 — tussilage . . . 733
 — véronique cymbalaire . . . 739
 Boden, C. F., gelatina . . . 448
 Bodenius, A. W., scharlachfieber . . . 224
 Boeck, H. v., morphium, &c. . . 565
 Boecler, J., de coriandro . . . 386
 — cinnabaris . . . 493
 Boehler, J. J., de chinino sulphur-
 ico . . . 650
 Boehm, E. J., de conio et coniino 383
 Boehm, —, syphilis . . . 40
 — see Böhm.
 Boehmer, —, ophthalmia . . . 40
 Boehmer, G. R., clysmata . . . 98
 — cyanus . . . 322
 — coffea . . . 371
 — de toxicodendro . . . 662
 — de sambuco . . . 672
 — sarsaparilla . . . 684
 Boehmer, J. B., rubia tinctorum
 (2) . . . 665
 Boehmer, M. F., opium . . . 587
 Boehmer, P. A., de cort. cascarilla 320
 — de helleboro . . . 458
 — tabacum . . . 714
 Boehr, C. J., antiphlogistica . . . 131
 Boehr, M. L. A., liq. ferri. chlor . . . 437
 Boerhaave, H., vires medicam. . . 61
 — mercury . . . 469
 Boerner, C. G., mercurialia . . . 475
 Boggie, J., on hospital gangrene . . . 132
 Boggio, —, kouso . . . 291
 Bohl, J. C., lithonriptica . . . 164
 Böhm, B., opium . . . 589
 Böhmcr, see Boehmer.
 Bohn, J., alcali et acidum . . . 104
 — vini spiritus . . . 208
 Boinet, A. A., désinfectants . . . 151
 — iode . . . 522, 523, 524

- Bois, A., injections sous-cutanées . 88
 Boisseau, B. C. antiseptiques . 133
 — rafraîchissants . 181
 Bokelmann, J. F., de trifolio . 561
 Bolaffio, J., de ferro . 432
 Bolten, J. C., de revulsionibus . 144
 Boluminski, P., veratrinum . 737
 Bonacossus, H., de purgatoriis . 175
 — de ligno sancto . 454, 455
 Bonafous, M., chlorure di calci . 143
 Bonajuti, C. C., nicotiana . 716
 Bonamy, E. P., phlegmasies du
 poumon . 216, 239
 Bonamy, —, tartre stibié . 243
 Bonanno, A., pepo nero . 623
 Bonassies, H. E., iod. de potass. . 522
 Boud, T. E., dental medicine . 114
 Bondet, —, fièvre typhoïde . 769
 Bondt, N., cort. geoffrææ . 229
 Bone, G. F., salines in yellow
 fever . 183
 Bonelli, G., olio di ricino . 663
 Bongard, H. G., sauerstoff . 603
 Bonhoeffer, J. H., saccharum . 667
 Bonin, P., thé . 728
 Bonis, J. B. de, aqua . 758
 Bonjean J., ergot 418 (2), 419 (2), 420
 — acide prussique . 509
 Bonn, A. C., castoreum . 320
 Bonnafont, J. P., collodion . 377
 Bonnardel, N., mercure . 482
 Bonnceaze, —, iode . 521
 Bonnefoux, L. C. de, bichrom. de
 potasse . 635
 Bonnet, A., malad. articulaires . 48
 Bonnet, H., anesthésiques . 116
 Bonnet, —, yodo . 523
 Bonnet-Malherbe, J., nitrate d'ar-
 gent . 251
 Bonnewyn, H., émétique . 243
 Bonnier, —, émétique . 240
 Bonnière, —, digitaline . 406
 Bonnière, A., guaco . 562
 Bonnot, E., des mercuriales . 484
 Bonorden, F. H., syphilis . 44
 Bontekoe, C., fundamenta medica
 — thee . 726
 Bontemps, C. F. Z., fenouil . 443
 Booth, A., mineral waters . 778
 Bopp, A. S., tannic acid . 720
 Bordenave, L., phosphore . 614
 Bordenave, T., antiseptiques . 133
 Bordier, —, médicaments . 70
 Bordot, L., seigle ergoté . 412, 413
 Borges, W. H. L., arsenikvergift-
 ung . 264
 Borkert, W., ipecacuanha . 528
 Borlasse, E., Latham spa . 795
 Borliuette, L., bicromato potassico . 635
 Bornèque, L., arsenic . 260
 Bornitz, F. A., cort. angusturæ . 231
 Bornmannus, J. C., antacida . 808
 Bornwasser, D. C., vomitoria . 156
 Borrelli, D., febbre . 807
 Borrichius, O., de sonniferis, &c.
 169, 606
 — planta indigenæ, &c. . 727
 Borries, E. H., ipecacuanha . 527
 Borsieri de Kanifeld, J. B., argen-
 tum vivum . 471
 Bosch, H. van den, digitalis . 401
 Bosch, H. v., chininæ sulphas . 649
 Bosch, H. W., opium . 590
 Boschettus, B., de salivatione . 487
 Bose, E. G., diuretica . 153
 Bose, G. M., de marte . 431
 Bosquet, Y., alkaloids . 808
 Bostock, J., arsenic (toxicol.) . 263
 Boston, J., opium . 592
 Botallus, L., hirudo . 460
 Botta, P. E., opium . 594
 Bottaro, J., quinine et fer . 653
 Botteri, S., de contryerva . 384
 Bottignoli, G., acido lattico . 545
 Bottini, E., fratture . 54
 — acido fenico . 312
 Bouchacourt, A., inject. iodées . 520
 Bouchardat, A., thérapeutique . 16
 — matière médicale . 29
 — ann. de thérapeutique . 57
 — archiv. de physiologie . 58
 — quinologie . 355
 — tulipier . 549
 Bouchardat et Quevenne, lait . 541
 Bouchardat et Sandras, sublimé . 502
 Bouchardat, J., narcéine . 575
 Bouchaud, C. F. G., dérivatifs . 145
 Bouché-Doumenq, —, platane . 624
 Bouchon, P. C., opium . 595
 Bouchor, A., seigle ergoté . 415
 Bouchut, E., dict. de thérapent. . 30
 — hydrate de chloral . 325
 — chloroforme . 333
 — iode . 525
 — opium (alcaloids of) . 598
 Bouchut et Bourgeois, séné . 679
 Boudault, M., pepsine . 608
 Boudet, J. P., phosphore . 613
 Boudin, J. C. M., prép. arsenicales . 259
 Boudon, —, eau . 757
 Boueix, —, seigle ergoté . 411
 Bougard, —, cancer . 132
 Bouillaud, J., thérapeutique . 27
 Bouillet, J., rhubarbe . 659
 Bouillon, F., eucalyptus glob. . 425
 Bouis, J., huile de ricin . 663
 Bouisson, E. F., méth. anesthé-
 sique . 112
 Boujonner, F., pulv. chinæ chinæ . 337
 — hydrargyrum . 467

- Boullay, P. F. G., coque du Levant 366
 — éthers 424
 — violette 746
 Boulet, T. M., seigle ergoté 416
 Bouloumie, P., antiseptiques 135
 Boulton, R., alkalies, &c. 105
 Boulton-Charlard, A. F., amandes 228
 Bounaud, J., de l'or 282
 Bounaud, J. F. E., injections utérines 99
 Bourdet, F., triméthylamine 732
 Bourdier de la Moulière, C., si-napis 681
 Bourdin, C. E., camphre 303
 — chloroforme 331
 Bourdon, J., éthérisme 111
 Bourgeois, J., narcotica 169
 — de mercurio 467
 Bourgeois, J. B. V., apomorphine. 247
 Bourges, J. de, chalybs 430
 — serum lactis 543
 Bourgogne, L., éthers 423
 Bourgoïn, —, alcal. organiques 104
 Bourne, R., uva ursi 735
 Bourneville, —, fève de Calabar (2) 619
 Bourot, M. P. A., perchlor. de fer. 438
 Bourousse de Laffore, P. L. de, iode 524
 Boussquet, —, quinquina 345
 Boussey, L. D. A., fièvres inter-mittentes 162
 Boute, C. G., digitalis 405
 Boutier, C., l'eau chlorurée 330
 Boutin, J., acida 102
 Boutron-Charlard, A. F., et Henry, ricin 663
 Bouttatz, F., phosphor. 612
 Bouvard, C., astringentia 138
 Bouvet, P., alcoolisme 216
 Bouvier, C., alkohol 217
 Bouvier, C. M., mercure 482
 Bouvier (H.), nécrose phosphorée. 616
 Bouvier, M., chloroforme 119
 Bovis, J., assafœtida 271
 Bovyn, L. J., de cantharidum usu 308
 Bowden, T., vesicatoria 194
 Boyer, G. A., térébenthine 724
 Boyle, J., moxa 269
 — on syphilis 495
 Boyle, K., mineral waters 775
 Boys de Lowry, J. J., rétréciss. de l'urèthre, &c. 46
 — alcalins 106
 Brachet, J. L., opium 594
 — colique de plomb 631
 Brachet, P. V., charbon 310
 Brachon, G. C. J., anesthésie locale 125
 Bradley, H., on mercury 489
 Bradley, R., coffee 369
 Bradley, T., de epispastic. usu 195
 Bræstrup, T., de tartaro emetico 240
 Braid, J., hypnotic therapeutics 170
 Brakenridge, D. J., disinfectants 152
 — quinine 656
 Brancaccio, F. M., chocolata 730
 Brand, E., hydrotherap. d. typhus 767
 Brande, A. E., angustura 231
 Brandelius, P., auri murias. 281
 Brandes, R., chlor 329
 Brandis, J. D., cachexia 44
 Brandish, J., caustic alkali 634
 Brandmüller, J. R., nitrum 638
 Brandt, R., opium 595
 Brannius, F. W., digitalis 402
 Brandza, D., gentianacées 448
 Brasavolus, A. M., de catharticiis 175
 Brasbridge, T., the poor man's jewell 230
 Brassac, P. J. M., bismuth 289
 Brassavole, J., clystères 97
 Brathwaite, R., the smoking age 708
 Brattasseviz, C., de cort. Peruviano 352
 Brauell, F., de acido osmico 600
 Braulik, J. T., merc. præcip. rub. 503
 Brault, N., écaille d' huitre, &c. 600
 Braun, C. A., nicotiana 716
 Braun, H., de syphilide 131
 Brayer, A., tœnia in Abyssinia 291
 Brearey, C. B., Scarborough 800
 Breda, J. van, opium 588
 Breen, J., opium 591
 Brefeld, F., leberthraun 566
 Brehmer, H., lungenschwindsucht 56
 Bremer, W. A. E., prunus padus 644
 Bremond, J. J. L. et E., absorption cutanée (2) 82
 Bremond, —, térébenthine (vapeur) 724
 Brennan, J., puerperal fever, &c. 723
 Brendel, J. G., sulph. antimonii 245
 — mercurius dulcis 493
 Brendelius, Z., de auro potabili 280
 Brera, V. L., ballota lanata 283
 — aere meftiche 316
 — china bicolorata 352, 353
 — saliva, &c. 447
 — iode 515
 — phosphorus 612
 Brealer, M., asparagi hist. 271
 Bresse, C., belladone 276
 Bressler, H., therapie 15
 — hist. antimonii 242
 Bressons, H. L., intoxication mer-curielle 492
 Brest, V., mercury 469
 Bretschneider, E., de arsenico 260
 Bretschneider, H., neuralgia 47
 Brewer, H., tobacco 720
 Brewerton, T., Askern waters 730
 Brey, J. T., de saponibus 674

- Breynns, J. P., gin-sem . . . 449
 Briand, G., perchlor. de fer . . . 440
 Briand, J. H., l'art de formuler . . . 79
 Bribosia, —, opium . . . 596
 Brichenden, J., scilla . . . 676
 Bridault, A. F., carotte . . . 399
 Brigelius, J. M., de clysmatibus . . . 97
 Briggs, R., de antimonio . . . 239
 Bright, C., oxide d'azote . . . 120
 Bright, T., therapeutica . . . 1
 — hygieina et therapeutica . . . 2
 Brikoff, — manganese . . . 555
 Brill, W., kaffein . . . 293
 Brückmann, J. P., de alumine . . . 221
 Brinkmann, W., citronensäure . . . 364
 Briois, C. A., gluten . . . 448
 Briquet, P., hystérie . . . 50
 — anesthésie . . . 116
 — quinquina . . . 355
 Brixiani, G. F., tabacum . . . 712
 Broadbent, W. H., action of remedies . . . 69
 — cancer . . . 201
 Brocard, C. C. V., folie . . . 766
 Brocca, G., dell' acido arsenioso . . . 262
 Brocard, M., bains de mer . . . 773
 Brock, G., de iodino . . . 517
 Brodbeck, C. D., nitrum . . . 638
 Broeck, V. van den, nicotine . . . 576
 Broecke, J. C. van den, columbo . . . 299
 Broen, J., opera medica . . . 61
 — opium . . . 586
 Brohm, C. C., bismuthum . . . 288
 Bromberger, J., éther sulph . . . 424
 Bromelius, O., lupologia . . . 465
 Bromfeild, W., nightshades, &c. . . 498, 690
 Bron, —, éther et chloroforme . . . 117
 Bronson, H., chlorides . . . 143
 Brooke, Sir W., see *O'Shaughnessy, W. B.*
 Brookes, W. P., ether inhalation . . . 107
 Broquet, F., tart. potass. stib. . . 240
 Broquier, A. B., éther . . . 424
 Brotero, F. do A., nicotiana . . . 716
 Brouant, J., eau de vie . . . 208
 Brouardel, P., diabète . . . 54
 Brouc, M., thérapeutique . . . 12
 Brouillet, C., chlor. de potasse . . . 636
 Broussais, C., statistique . . . 17
 — tartre stibié . . . 243
 Broussais, F. J. V., thérapeutique . . . 12, 14
 Brousson, E., calomel . . . 496
 Browallius, G. E., de sale volatili . . . 222
 Brown A., chem. and phys. action . . . 69
 Brown, B., ether inhalation . . . 424
 Brown, C., factitious airs . . . 316
 Brown, G., cort. Peruvianus . . . 346
 Brown, J., painless parturition . . . 119
 Brown, I. B., scarlatina . . . 201
 Brown-Séguard, C. E., nervous aff. . . 53
 Browne, A., water (2) . . . 756
 Browne, W. A. F., opiophagism . . . 598
 Brownrigg, W., contagion . . . 149
 Brū (*œl Bau*), —, quecksilber . . . 475
 Bruc, C. de, med. minerali . . . 168
 Bruch, C. L., de anagallide . . . 229
 Bruch, F. D., fruct. juniperi . . . 532
 Brückmann, F. E., avellana Mexicana . . . 730
 Brückner, A., vires plantarum . . . 76
 Brügelmann, W., inhalation . . . 96
 Brugerolle, J. A., chloroforme, &c. . . 119
 Brugnoli, G., noce vomica . . . 699
 Bruinana, A. F. A., diosma . . . 409
 Brun, E. E., nitroge . . . 580
 Brunaclius, G., de cina cina . . . 337
 Bruneau de St. Auban, —, opium . . . 596
 Brunel, A., eucalyptus glob. . . 425
 Brunelli, P., noce vomica . . . 699
 Brunet, J., tabac . . . 714
 Brunet, F. V., méd. alcaline . . . 106
 Brunetière-Desrochettes, J. A. A. . . 539
 Brunnemann, C. G. F., zincum . . . 751
 Bruno, J. P., therapeutica . . . 3
 — purgatio . . . 177
 Brunschwitz, J. G., opium . . . 587
 Brunton, T. Lauder, practitioner . . . 59
 — action of medicines . . . 70
 — nitrite of amyl . . . 228
 — digitalis . . . 407
 Bruschi, D., therapeutica . . . 19
 Bruyn, J. G. v., de arsenico . . . 258
 Bruynwisk-Maatjes, M., digitalis . . . 401
 Bryant, C., lycoperdon . . . 551
 Bryarly, W., common hop . . . 465
 Brzenziński, J., kumys . . . 534
 Bucceroni, M., chinina . . . 650
 Buchan, A. P., sea bathing . . . 771
 Buchanan, B. B., opium . . . 592
 Buchhave, R., therapia . . . 4
 — belladonna . . . 273
 — chinarinde . . . 346
 — geum urbanum (2) . . . 449
 Buchholz, S. H. S., sulphur . . . 702
 Büchner, A. E., remed. explorand. . . 73, 74
 — de clysterum usu . . . 97
 — anthelmintica . . . 127
 — antiphlogistica . . . 130
 — adstringentia . . . 138
 — carminativa . . . 140
 — diaphoretica . . . 148
 — diuretica . . . 153
 — expectorantia . . . 161
 — olea . . . 171, 172
 — purgantia . . . 178
 Büchner, A. E., plantæ amaræ . . . 188
 — roborantia . . . 188

- Büchner, A. E., de topicorum usu . . . 191
 — de vesicator. usu (2) . . . 194
 — de antimonio (2) . . . 237
 — arnica . . . 254
 — camphora . . . 301, 344
 — cort. Peruvianus . . . 345
 — de curcuma . . . 395
 — de fraxinella . . . 400
 — de fraxinella . . . 471
 — mercurialia (3) . . . 527
 — ipecacuanha . . . 530
 — jalapa . . . 531
 — de nucis juglandis . . . 587
 — opium . . . 607
 — Pareira brava . . . 621
 — de pinastro . . . 639
 — tartar. vitriol. . . 685
 — soda Hispanica . . . 692
 — stannum . . . 713
 — tabacum . . . 743
 — de vino . . . 615
 Buchner, F. X., phosphor (toxikol.) . . . 155
 Buchner, J. A. W., emetica . . . 78
 Bucholz, C. F., arzneimittel . . . 133
 — antiseptics . . . 285
 — schwererde . . . 257
 — spießglas . . . 255
 Bucholz, W. H. S., wolverlei . . . 674
 — sapo . . . 184
 Buchoz, J. P., manuel tabacal . . . 294
 — mélalengue . . . 371
 — café . . . 689
 — douce-amère . . . 715
 — tabac . . . 728
 — thé (2) . . . 731
 — cacao . . . 62
 Buchwald, J. de, virtut. planta-
 rum . . . 342
 Buchwald, J. B., cort. China . . . 659
 — rhabarb . . . 747
 — viscum . . . 54
 Buck, G., therap. of air-passages . . . 320
 Buck, T., de castoreo . . . 230
 Buckner, —, angelikawurzel . . . 230
 Budd, W., cholera and disinfec-
 tion . . . 152
 Budge, J., erbrechen . . . 158
 Budin, P., et Coyne P., chloro-
 forme (2) . . . 385
 — apomorphine . . . 247
 Buechner, see *Büchner*.
 Buemann, M., hydrocele . . . 100
 Buersinck, J., de clysmate . . . 97
 Buffalini, — Journ. de la Thérap. . . 58
 — de virtut. medicamentorum . . . 75
 Bugge, F. W., morphium . . . 565
 Buhr, P. H., opium . . . 588
 Buisson, E., iode . . . 516
 Buisson, G. E. A., caillécédra . . . 534
 Buisson, L., valériane . . . 736
 — bismuth . . . 289
 Bull, C. A., de digitali . . . 404
 Bullé, — phosphore . . . 616
 Bulley, F. A., cholera . . . 766
 Bunge, A. von, vires plantarum . . . 75
 Bunsen, C. L. F., de opio . . . 593
 Bunsen, R., ratanhia . . . 535
 Bunsen, R. W., arsenik (toxicol.) . . . 264
 Buonomo, G., terapeutica . . . 30
 Bürckel, J. J., de gratiola . . . 452
 Burckhard, J. J., seneeca . . . 678
 Burdel, E., quinine . . . 665
 Bureau, A., seigle ergoté . . . 420
 Bureaud-Rioffrey, A. M., chloride
 of zinc . . . 751
 Burggraave, — méth. atomistique . . . 96
 Burggrafius, J. B., de malo aureo . . . 363
 Burghardt, C., tartar emetic . . . 241
 Burgraff, J. A. P., lac asinum . . . 538
 Burin du Buisson, A. M. B., in-
 halation . . . 95
 — lactates . . . 168
 — perchlor. de fer (2) . . . 437, 438, 439
 — manganèse . . . 555
 Burkhardt, M. C., hydrarg. mu-
 riat. . . 500
 Burnan, J. W., couia . . . 384
 Burmester, T. A., vinum . . . 743
 Burness, A. G., & Mavor, F. J.,
 drugs . . . 70
 Burnie, D., de hydrargyro . . . 481
 Burolleau, S. L., sucre . . . 668
 Burq, V., métallothérapie . . . 168
 — cuivre (2) . . . 394
 Burr, T. B., Tunbridge Wells . . . 802
 Burresi, P., ossigeno . . . 605
 Burrows, J., hemlock . . . 380
 Burslem, W. M., consumption . . . 158
 Burton, H., lead . . . 631
 Burwell, L., digitalis . . . 401
 Bury, — nitrum . . . 638
 Busch, D., de aloet. abusu . . . 220
 Bushoff, H., moxa . . . 268
 Busse, C. F. H., rhus sp. of . . . 662
 Bussius, F. A., vomitoria . . . 155
 Butignot, — thérapeutique . . . 30
 Butini, A., de usu argenti . . . 250
 Butini, P., sel d'Epsom . . . 554
 Butter, J., nitre . . . 639
 Butter, W., stone . . . 164
 — kinkcough . . . 381
 Buttes, H., Dyet's dry dinner . . . 707
 Buttlerow, A., osmiumsäure . . . 600
 Butzke, L. E., bromium . . . 291
 Buxtorffus, J. R., de inhalatione . . . 92
 Buzer, A., scrophul. . . 49
 Byam, R., antiphlogistica . . . 130
 Byasson et Follet, —, chloral . . . 326
 Cabart, —, noix vomique . . . 698
 Cabini, A., seigle ergoté . . . 415

- Cabissol, L. J. D., iode . . . 518
 Caccialupi, A., inhalation . . . 92
 Cade, A., aconite . . . 204
 — arnica . . . 256
 Cadet, S., sulf. noir de mercure (3). 504
 Cadet de Gassicourt, C. L., jalap . 530
 — thé . . . 728
 Cadet de Gassicourt, F., diosma . 409
 Cadet de Vaux, A. A., café . . . 371
 — gélatine . . . 448
 Cadot, A., arnica . . . 255
 Caels, T. P., minéraux . . . 167
 Cæsalpinus Aretinus, A., quæst. peripatetica . . . 60
 Caffé, —, colchique . . . 375
 Caffé, P. P. A., bains mercuriels . 478
 Caffin, J. F., thérapeutique . . . 17
 Cagnatus, M., de ligno sancto . 456
 Cagnetto, T., valerian. di atropina 279
 Calen, —, acide arsénieux . . . 260
 Caillard, J. L., fébrifuges . . . 162
 — marronnier . . . 206
 Caillau, J. M., pin (2) . . . 621
 Cailleux, A., métrite granuleuse . 289, 505
 Caillot, A., térébenthines . . . 723
 Caire, P. C., chlorure de sodium . 688
 Caius, B., de vesicantium usu . 193
 Caizergues, M. L., nitrate d'argent 253
 Calcar, A. van, hirudines . . . 463
 Caldenbach, C., de lauro . . . 547
 — vitis . . . 748
 Calkins, A., opium . . . 597
 Callewaert, P. F. S., evacuantia . 160
 Callies, —, acide prussique . . . 507
 Callisen, H., de antisepsitica . . 133
 Calvert, E. C. F., café . . . 370
 Calvi, J., mercur. sublimat. . . 409
 Cambier, S. J., de revulsione . . 196
 Cambouives, M., chloral . . . 326
 Camerarius, A., cort. china . . . 341
 Camerarius, E. R., de cichorio . . 336
 Camerarius, R. J., vires plantarum . 72
 — de ustilagine frumenti . . . 410
 — de fumaria . . . 445
 — helleborus . . . 458
 — de panacea mercuriali . . . 468
 — de junipero, &c. . . . 532
 — biga botanica 549, 621
 — de lolio 550
 — rubus idæus 665
 — ulmaria 692
 — de scordio 725
 Cameron, C. A., disinfectants, &c. 152
 — sugar 669
 Camp, J. H., mercury . . . 476
 Campbell, A., acid. vitriolicum . . 705
 Campbell, C. J., anesthésiques (2) 122
 Campbell, H. F., caffeine . . . 293
 Campbell, J. A., hyocycamus, &c. 512
 Campbell, J. S., consumption . . 635
 Campen, A. v., china china . . . 343
 Camper, C. v., collect. therapeutica 39
 Campi, B., balsamo . . . 283
 Campion, J., eucalyptus glob. . . 425
 Campo, B., de adiantho . . . 205
 Canals, J. P., rubia . . . 665
 Canat, B. J., eau . . . 760
 Canestrini, A., de mercurio . . . 472
 Canevarius, D., de ligno sancto . 456
 Canielli, F., sarsaparilla . . . 684
 Cannotti, P., mercurio . . . 470
 Canonhierius, P. A., vino (2) . . . 741
 Canquoin, —, caustiques . . . 141
 — glycérolés . . . 451
 — cancer . . . 751
 Canstatt, C., therapie . . . 23
 Cantani, A., therapeutica . . . 32, 33, 35
 — idropisia . . . 52
 Cantu, J. L., de mercurio . . . 480
 Canu, F., vin . . . 744
 Canvane, P., castor oil . . . 662
 Canzoneri, F., marronnier d'Inde . 207
 Cap, P. A., glycérine . . . 450
 Capdevila, —, therapeutica . . . 30
 Capell, J. A., de cort. Peruviano . 345
 Capelle, B. C., de salivatione . . 487
 Capivaccens, H., therapeutica . . . 2
 Cappel, A. F., nux vomica . . . 697
 Carat, P., iodure d'ammonium . . 227
 Carbonell, F., tart. de mercur. . 504
 Carboneaux le Perdriol, C., ergot de froment . . . 420
 Cardan, H., cynos radix . . . 683
 — opuscula . . . 755
 Cardenos, J., chocolate . . . 730
 Cardoso, F., agna . . . 755
 Carey, J., de veneno arsenicali . 264
 Carl, J. D., de chamomilla . . . 232
 Carl, J. S., therapia (2) . . . 3
 Carl, S., wasser . . . 758
 Carles, A., bromure de potassium . 642
 Carles, P. P., les quinquinas . . . 357
 Carlisle, Sir A., blisters . . . 141
 — on cathartica, &c. . . . 180
 — on blisters, &c. . . . 182
 Carlotti, R., eucalyptus glob. . . 425
 Carmichael, H., turpentine . . . 723
 Carmichael, R., carb. of iron . . . 435
 — venereal diseases . . . 478
 Carminati, B., therapeutica (2) . . 5
 — calaguala 294
 — sugo gastrico 446
 — cinchonina, &c. . . . 650
 — valériane 735
 Caron, C. A., choléra . . . 300
 Carpenter, W. B., on alcoholic liquors . . . 210
 — physiology of temperance . . . 211
 Carpow, P. T., de orchide . . . 599

- Carquet, P. L., camphre . . . 302
 Carr, D., inhalation . . . 93
 Carrard, A., perchlor. de fer . . . 437
 Carrère, J. B. F., rafraîchissans . 182
 — douce-amère . . . 689
 Carrick, A., Bristol waters . . . 785
 Carrière, E., petit-lait, raisin 544, 748
 — alcalins . . . 685
 Carro, J. de, soufre (fumigation) 702-3
 Carroll, A. L., therapeutics . . . 35
 Carson, J., de cantharidum usu . . . 307
 Carter, R., opium . . . 591
 Carter, W., alkalies and acids . . . 101
 Cartheuser, F. A., vinum . . . 743
 Cartheuser, J. F., therapia . . . 4
 — formulæ, &c. . . . 77
 — de antisepticiis 133
 — de refrigerantibus 181
 — de incitantibus 185
 — de incitantibus externis . . . 191
 — de opobalsamo 284
 — de oleo cajeput 294
 — de calumba 299
 — de camphora 301
 — de chenopodio 324
 — de cassia aromatica 362
 — de cort. culilawan 392
 — de martialibus 431
 — de branca ursina 459
 — mercurialia 471
 — cinnabaris 497
 — lichen 548
 — myrrha 573
 — de oleis empyreumaticis . . . 583
 — de radice mungo 584
 — nitrum 638
 — saponaria 676
 — sal glauberi 685
 — lignum Colubrinum 697
 — chocolata 731
 — de cardamindo 732
 — hydrologia 758
 — aqua marina 770
 Casalis Brixianus, V., medica-
 menta 60
 Casamajor, A., sublim. corrosiv. . 499
 Casanova, J. N., sur le madar . . . 299
 Casanti, D., santonica 674
 Casati, C., potassii iodidum . . . 519
 Casaubon, A. L. E., concine . . . 383
 Caserta, F. A., aqua, vinum . . . 755
 Casey, T., de vesicantibus . . . 196
 Caspar, C., panacea mercurialis . . 493
 Caspar, S. E., scarlatina 179
 Caspari, K., buchenkohle 429
 Caspari, P. H., de scilla 676
 Cassaignes, A., alcool 216
 Cassani, F., de manna 556
 Cassius, Dionysius, de auro . . . 280
 Castan, A., eucalyptus glob. . . . 425
 Castberg, P. A., camphora, &c. . . 302, 571, 591
 Castel-Branco, P. de, alcool . . . 212
 Castelli or Castellus, P., medica-
 menti 60
 — emetica 154
 — arsenicum 256
 — opobalsamum (2) 283
 — chrysopus 446
 — helleborus (2) 459
 — scammonia 675
 — smilax aspera 682
 — acido di vitriolo 705
 Cathelar, —, lactate de zinc . . . 752
 Castiglione, P. M., de sale 687
 Castiglioni, C., valerian. di chinina 657
 Castiglioni, L., zafferano 389
 Castoldi, E., alcoolismo 217
 — bagni marini (2) 773
 Castrensis, S. R., de sero lactis . . 543
 Castro, A. A. de, medicamenta . . . 60
 Castro, J. de, tabaco 708
 Castro, T. de, English mineral
 waters 776
 Catania, F., de med. purgante . . . 176
 Catelan, L., mandragore 277
 Catlett, W., ergot of rye 418
 Catt, S. J., enemata 98
 Cattaneo, A., tabacco 717
 Caulet, —, alcalisation (2) . . . 106
 — phosphate calcique 299
 Causard-d'Arcémone, H. L., bel-
 ladone 274
 Cause, A., opium 594
 Cauvet, D., solanées 691
 Cavallini, G., unz. mercuriale . . . 472
 Cavallo, T., factitious airs 316
 Cavanellas, —, quinine 652
 Cavens, H., hirudo 462
 Caventou, E., cail-cédra (2) . . . 311
 Cavignoles, B. des, vinaigre . . . 199
 Caviolle, C., iode 521
 Cazenave, J. J., nitrate d'argent . . 251
 — chloroforme 333
 Cazenave, L. A., prop. des médica-
 mens 76
 Cazeneuve, P., alcaloides 104
 Cazin, F. J., belladone 276
 Cefaleno, A. M., tabacco 716
 Cellio, M. A., fosforo 611
 Celsius, J., blutegel 462
 Centomo, L., difteria 188
 Cerasi, T., propylamine 644
 Ceresa, C. von, bismuthum 288
 Chabert, J. L., huaco 562
 Chadwick, J., on alcoholic liquors 210
 Chaffey, R., de opio 594
 Chailly, C., opium 595
 Chailly-Honoré, —, éther et chlo-
 roforme 114

- Chairou, E., anesthésie . . . 115
 Challand, T., absinthisme . . . 267
 Chalmet, B. M. N., mercure . . . 486
 Chaloner, Sir T., nitre . . . 637
 Chalvet, C. D., sangsues . . . 461
 Chalvet, P., désinfectants . . . 151
 Chalvon, G., vin . . . 744
 Chamayon, —, de l'or . . . 282
 Chambé, C., nit. acide de merc. . . 504
 Chamberlaine, W., cowliage, &c.
 128, 572
 Chamberlayn, J., coffee, tea, &c. . . 368
 Chambers, W., ribes arabum, &c. . . 659
 Chambert, —, émétique . . . 243
 Chambert, H., éther . . . 424
 Chambige, M. L., sangsues . . . 462
 Chambon, —, traité des métaux . . . 167
 Chambre, —, opium . . . 593
 Champerius, J., de scamoneo . . . 675
 Champonillon, —, hydragogues . . . 181
 Champy, E., cantharides . . . 308
 Chandru, J., eau . . . 761
 Channing, W., etherization . . . 110
 Chansarel, —, arsenic (toxicol.) . . . 264
 Chantelou, F., eau . . . 763
 Chapman, H., Bath waters . . . 781
 Chapman, J., neuropathy . . . 30
 — anæsthetics . . . 117
 Chapman, N., therapeutics . . . 8, 10
 Chaponnier, —, carb. de baryte . . . 286
 Chapon, J., aer fixus . . . 315
 Chapusot, P. L., phosphore . . . 614
 Charcot, J. M., nitrate d'argent . . . 252
 Charkany, Mahomed - Effendi,
 opium . . . 596
 Charles, R., on antimonials . . . 238
 Charleton, R., Bath waters . . . 782, 783
 Charpentier, A., sangsues . . . 463
 Chartroule, P., iode . . . 521
 Charvet, P. A., opium . . . 594
 Chassaignac, E., opérations . . . 38
 — chloroforme . . . 331
 Chatin, A., iode . . . 520, 523
 — le cresson . . . 575
 Chatin, J., valérianes . . . 736
 Chaussé, S., phosphore . . . 616
 Chaussier et Mérat, —, scutellaria . . . 677
 Chautard, A., glycérine . . . 451
 Chauvin, E., tartre stibié . . . 242
 Chédevergne, S., alcool . . . 214
 Chenevier, —, élim. du mercure . . . 483
 Chenet, C. A. C., ergot . . . 419
 Chermaide, R. A., aqua . . . 762
 Chéron, J., cautérisation . . . 142
 Chéron, P. N. A., éther mercuriel . . . 480
 Cherpentier de Lauriere, L. G., de
 purgantibus . . . 179
 Chevalier, J. D., mercurialia . . . 470
 Chevallier, A., chlorures . . . 143
 — désinfectants . . . 150
 Chevallier, A., gravelle . . . 166
 — arsenic (toxicol.) . . . 266
 — charbon . . . 310
 — café . . . 373
 — cuivre . . . 394
 — sangsues . . . 464
 — opium indigène . . . 598
 — phosphore (3) . . . 616
 — et Barse, acide sulfurique . . . 706
 — Duchesne, et Baynal, sur l'if
 (taxus baccata) . . . 722
 — et Henry, lait . . . 540
 — et Reveil, lait . . . 540
 Chevallier, F. F., ciguës indi-
 gènes . . . 382
 Chevallier, F. J., émétique . . . 241
 Chevandier, A., térébenthine . . . 724
 Chevanne, J., tœnia . . . 646
 Chevreul, E., prescrip. des re-
 mède . . . 80
 — opium . . . 597
 Cheyne, G., morphia . . . 564
 — Bath waters . . . 782
 Chiappini, P., colica saturnina . . . 630
 Chiarenti, F., sugo gastrico (2) . . . 447
 Chiarleoni, G., acido fenico . . . 313
 — chinina . . . 655
 Chiarugi, V., opium . . . 591
 Chiavena, N., hist. absynthii . . . 201
 — hist. scorzonere . . . 676
 Chiaverini, L., therapeutica . . . 8
 Chicoyneau, F., salivating . . . 487
 Chifflet, J. J., pulvis febrifugus . . . 337
 Chiocco, A., de balsamo . . . 283
 Chiocconi, G. B., jaborandi . . . 621
 Chirac, P., ferrum . . . 430
 Chirone, V., materia medica . . . 33
 — quinine . . . 656
 — chinina . . . 812
 Cholmeley, W., therapeutics . . . 33
 Chomel, A. F., houx . . . 514
 Chomel, J. B. L., hirudines . . . 461
 Chomel, P. J. B., cat. plantarum
 officinalium . . . 62
 Chomier, J. C., cannelle . . . 362
 Chomse, O., acid. kakodyliacum . . . 579
 Chopin, C., injections iodées . . . 521
 Chopin, P., opium . . . 593
 Chorley, E., plumbum . . . 629
 Chortet, J. F., l'art de formuler . . . 78
 — opium . . . 592
 Choulant, J. L., therapie . . . 20
 Choupe, H., hydrate de chloral . . . 328
 — ipéca . . . 529
 Chrestien, A. T., de l'or . . . 282
 Chrestien, A. T., seigle ergoté . . . 420
 Chrestien, J. A., iatraléptique . . . 84, 281
 — prép. d'or (2) . . . 282
 — lait . . . 540
 Christen, C. A., opium . . . 593

- Christensen, M., arsenic (toxicol.) 264
 Christianopuli, G., merc. sublim. . 499
 Christison, A., Indian hemp . 305
 Christison (Sir R.), dispensatory . 67
 — conia 383
 — oxalic acid 601
 — calabar bean 617
 Chunone, P. H., opium 585
 Church, J., camphor 302
 Churchill, J. F., hypophosphites
 162, 163
 Churchill, J. M., medical zoology 168
 — gonorrhœa 391
 Ciattaglia, C., almanac di terap. . 58
 Cicognani, E., sull' alcoole . . 217
 Ciotto, F., iodio 523
 Cirillo, D., sublimat. corrosiv. . 500
 Citte, —, quinquina 350
 Civiale, J., caustiques 141
 Civinini, J. D., caffè 369
 Clad, F. A., mercur. sublimat. . 500
 Clairon, J., r hub a rbe 660
 Clanny, W. R., Batterby waters . 784
 — Gilsland waters 790
 Claparède, —, bains de mer . . 773
 Clare, P., abscess, caustic . . . 141
 — mercury (2) 474
 Claret, C., lac 538
 Clark, C., diaphoresis 149
 Clark, J., de neu hydrargyri . . 480
 Clarke, Adam, tobacco 715
 Clarke, Sir A., iodine 519
 — diseases of the skin 703
 Clarke, E. H., et Amory, bromides. 642
 Clarke, W., nitre 637
 Claromontius, C., de aquia anglie 775
 Clarus, J. C. A., krampf 42
 Class, J. C., diuretica 153
 Clauderus, G., cinnabaris 497
 Claudinus, J. C., de ligno sancto . 456
 — de lacte, &c. 536
 — de ingressu, &c. 675
 — de ingressu, &c. 684
 — de ingressu, &c. (2) 811
 Claus, P. H., emmenagoga 159
 Claus, M., œnohydromachia . . . 742
 Clavel, L. C., diète lactée 542
 Clay, C., ox-gall 429
 Clef, C. L., lignum cotoneum 396
 Cleghorn, H., cocoa-nut tree . . . 367
 — segle marmelos 206
 Cleland, H. W., tobacco 717
 Clémenceau, B., eau 760
 Clémengon, T., minérales 168
 Clemens, C., lignum sanctum 456
 Clemens, F. W., æther, &c. 113
 Clementi, G., med. antiseptica . . 135
 Clendon, J. C., chloroform 111, 114
 Clericus, A. à, de asparago 271
 Clericus, D., see *Le Clerc*.
 Cleveringa, R. E., sodæ murias . . 687
 Clibbern, J., purgantia 179
 Climent, E., alcalins 106
 Cloquet, H., faune des médecins . . 9
 Clossius, J. F., cort. Peruvianus . 344
 Clossius, S., spiritus vini 209
 Clouet, J., intox. saturnine 633
 Clouston, T. S., neurotics 171
 — brom. of potassium 641, 642
 Clur, E. M., hyoscyamine 512
 Clutterbuck, H., on fever 162
 — lead 630
 Cluyt, A., de nuce medica 367
 Coates, W. M., chloroform 332
 Coblenz, H. E., digitale 406
 Cobbold, T. S., worms 129
 Coca y Civera, D. A., therapeutica 28
 Cocchi, A., aqua 758
 Cocchi, B., arnica 256
 Cocchius, A., C., cort. Peruvianus 342
 Cochran, G., chloroform 333
 Codronchus, B., de baccis orient. . 366
 — de elleboro 458
 Coen, G. M., opium 595
 Coën, R., stotterübel 54
 Cogaïn, C., tartre stibié 244
 Cogrossus, C. F., cort. del Peru . . 340
 Cogswell, C., iodine 518
 Cohausen, J. A., adstringentia . . 138
 Cohausen, J. H., cort. china 341
 — tabacum 712, 713
 — et F. A., chin-china 342
 Cohen, J. S., inhalation 96
 Cohnstein, J., metritis 53
 Coignard, C., hydrate de chloral . 328
 Coignet, B. J., nitrate d'argent . . 252
 Coindet, C. W., iode (2) 515
 — oxalic acid 601
 Colbatch, J., acids 101
 — alkali and acids 104
 — misletoe 747
 Coleman, A., anæsthesia 118
 Coler, A. G., plumbum 632
 Colerus, J. J., sanguisuga 461
 Coletti, F., chinina 656
 Coley, J. M., mercury 477
 Colin, L., variole 174
 — quinine 654
 Colladon, L. T. F., hist. des casses 362
 — séné, &c. 679
 Collas, A., bael ou vilva 206
 — huile de foie de requin 569
 Colles, A., on venereal disease . . 482
 Collin, H. J., obs. circa morbos,
 &c. 202, 374, 380
 Collin, H. J., arnica vires (2) . . . 255
 — camphors vires 301
 — cicuta 381
 — lactuca sylvestris 545
 Collin, M., therapia 5

- Colmar, L. F., chloroforme . . . 332
 Colmenero de Ledesma, A., chocolate . . . 730
 Colombat, —, bécayement . . . 45
 Colombier, J., lait . . . 539
 Combes, E., eau . . . 766
 Combescure, C., ammoniacaux . . . 224
 Comendador-y-Tellez, belladonna . . . 276
 Comet, C. J. B., médicamens . . . 67
 Comford, R., de guajaco . . . 456
 Commaille, A., astringents vég. . . 139
 Comparetti, A., china del Brasile . . . 349
 Complan, B., agrimonia . . . 208
 Comte, J. B., digitale . . . 404
 Conan, —, thérapeutique . . . 37
 Concina, A., succinum . . . 700
 Condy, H. B., disinfection . . . 150
 — air and water . . . 151
 — question de priorité . . . 151
 — permanganates . . . 173
 — oxygen . . . 604
 Condy, W., de purgantibus . . . 180
 Confalonierus, J. B., vinum . . . 740
 Confani, L., alcali (quinine) . . . 651
 Conquest, J. F., belladonna . . . 274
 Conrad, F., alkohol . . . 218
 Conradi, H., nicotiana . . . 717
 Couradi, J. G. H., therapie . . . 13
 — pneumonia . . . 41
 — therapie . . . 8, 11
 Constant, B., alcalins . . . 106
 Conte, G., nit. di argento . . . 250
 Conté, J., quinine . . . 652
 Contini, G., calomelano . . . 811
 Contugi, C., tabacum . . . 712
 Conwell, W. E., huile de croton . . . 389
 Conygius, A., pulvis Peruvianus . . . 337
 Cooke, C. T., mustard seed (2) . . . 681
 Cooke, J., cort. Peruvianus . . . 346
 — lac, myrrh, &c. . . 536, 573, 701
 Cooke, J. E., therapeutics . . . 11
 Cooke, T. W., gonorrhœa . . . 385
 Cooper, S., datura . . . 398
 Coth, C. J. v., meth. endermatica, — acid. nitricum . . . 578
 Copland, J., dict. pract. med. . . 30
 Copponce, —, quinquina . . . 340
 Corazza, L., inalazioni . . . 96
 Corbetta, G., névralgie . . . 55
 Corbin, E., thérapeutique . . . 13
 Cordes, A. E., bromure de potassium . . . 641
 Cordier, L., lait . . . 542
 Cordonnier, O., eau . . . 766
 Cordus (Valerius), de halosantho . . . 323
 Cormack, J. R., therapeutics . . . 19
 — creosote . . . 388
 Cornarius, J., vitis vinifera . . . 748
 C(orneay), C(aupin), stinmiomachis . . . 235
 Cornelliani, G., creosote . . . 388
 Corona, A., stricnina . . . 696
 Corp, W., Bath waters . . . 783
 Corput, van den, —, mat. méd. Brésil. 29
 — podophyllum . . . 633
 Correa, P., aqua . . . 756
 Corson, J. W., pleurisy . . . 390
 — lead . . . 628
 Cortacius, G., trutina medica . . . 742
 Cortavilla y Sanabria, D., cubebas 391
 Corte P., idroterapia . . . 768
 Cortes, H., de hirudinibus . . . 460
 Corynus, G. L., de scilla . . . 675
 Corvinus, J. F., hist. aeris factitii. 315
 Corvisart, L., pepaine . . . 608
 Costa, C. E., oppio . . . 596
 Coste, C., belladonna . . . 272
 Coste, —, rheum palmatum . . . 660
 Costenbader, J. M., vesicatoria . . . 194
 Coster, J., oxigène . . . 603
 Costæus, J., de sero et lacte . . . 536
 — aqua . . . 755
 Cothenet, C. J. B., moxa . . . 269
 Cothenius, C. A., chinarine . . . 347
 Cottard, A., triméthylamine . . . 732
 Cotte, L., syphilis . . . 501
 Cottereau, L., pomme de terre . . . 690
 Cottereau, M. E., anesthésiques . . . 112
 Cotton, J., sublimat. corrosiv. . . 499
 Cotton, J. G. S., krameria . . . 535
 Coullon, J. J. A., acide prussique (2) . . . 507
 Coulombre, P. A., hypodermique . . . 90
 Couper, J., acida . . . 103
 — acid. muriaticum, &c. . . 505
 Couper, W., de lithontripticis . . . 165
 Courdemanche, T. N. A., opium . . . 593
 Courhant, F., ergot . . . 414
 Courp, E. R., thérapeutique . . . 12
 Courrant, L., camphre . . . 302
 — coque du levant . . . 366
 Courtillier, —, dermatologie . . . 51
 Courtin, J. C., injections iodées . . . 524
 Courty, A., inject. sous-cutanées . . . 88
 Courval, O. de, huile de foie de morue . . . 570
 Cousin, C., sur l'éther, &c. . . 109
 Couturier, —, colchique . . . 376
 Coventry, G., de emeticis . . . 157
 Cowan, J. B., strychnina . . . 695
 Coward, W., alkali vindicatum . . . 104
 Cox, W. J., cholera . . . 496
 Coxe, E. J., inhalation . . . 93
 Coxe, J. R., lactuca sativa . . . 545
 Coyne, P., nitro-muriatic acid . . . 579
 Coze, L., narcotics . . . 170
 Craig, W., changed aloin . . . 220
 Craigie, D., practice of physic — sulphuric acid . . . 706
 Cramer, C. A., cortex china . . . 340

- Cramer, T., strychnium . . . 693
 Cramer, W. C. P., lichen islandicus 323
 Cramoisy, E. P., aconit napel . . . 204
 Crane, J., Nottingham waters . . . 799
 Crantz, H. J. N. v., arbor draconis 409
 Crapf, C., cicuta . . . 380
 — ranunculus, sp. of . . . 658
 Crassus, P., de lolio . . . 550
 Crato, J., therapeutica . . . 1
 — therapeutica . . . 2
 Cratochvill, C., *vide* Kratochvill.
 Crausse (or Craussius) de Mellin-
 gen, R. G., carminativa . . . 140
 — sternutatoria . . . 184
 Crausius, R. W., de hirudine . . . 460
 Cravellus, G. E., med. facult.
 cognoscend. . . . 72
 Crawford, A., tonica . . . 189
 Creazzo, G., acid. hydrocyanic. . . 509
 Crébasac-Vernet, P. A. B., thérap. 26
 Crell, J. F., simaruba . . . 680
 Cren, F. A., mercur. sublimat. . . 499
 Crescenzo, N., acqua . . . 757
 Cressé, P., thea sinensisium . . . 726
 Cretin, J., moxa . . . 269
 Creutz, L. A. C., de colchico . . . 375
 Crevaux, A. H., glycerine . . . 450
 Creuzbauer, G. A., chelidonium . . 324
 Cribb, W., injections . . . 100
 Crichton, Sir A., tar vapour (2) . . 624
 Crine, G., gout, bardaia . . . 248
 Crintius, P., manna . . . 556
 Crivellati, C., vino . . . 741
 Crofts, W., de cancro mercuriali . 490
 Crombie, J. M., anaesthetics . . . 121
 — morphia . . . 565
 Cronberg, F., de camphora . . . 300
 Cronenbergius, de purgantibus . . 175
 Cronfeld, A. L., de opio . . . 596
 Crookes, W., disinfectants . . . 151
 Crosfield, R. J., opium . . . 590
 Cross, A. F. A., alcool amylique . . 213
 Cross, R., cinchona . . . 360
 Crucis, L., térébenthine . . . 724
 Cruegerus, J., purgantia . . . 177
 Cruger, J., sambucus . . . 672
 Crüger, J. B., succinum . . . 700
 Cruikshank, W., calomel . . . 493
 Crump, G., arundo saccharifera . . 667
 Crumpe, S., opium . . . 590
 Cruse, G. L., oleum crotonis . . . 390
 Cubières, S. L. P. de, tulipier . . . 549
 Cubitt, W. R., Ashby waters . . . 780
 Cuffari, J. J., tabaco . . . 710
 Cuffe, R., Woodhall spa . . . 804
 Cuirard, —, digitale . . . 404
 Cullen, W., materia medica . . . 5
 Cumming, J., antiseptic surgery . . 135
 Cunéo, B., digitale . . . 406
 Cunier, F., acétate de plomb . . . 628
 Cuntira, T. J., nicotiana . . . 714
 Cupido, G., plutano orientale . . . 624
 Curchod, H., cure des raisins . . . 748
 Curie, E., injections iodées . . . 521
 Curling, T. B., ether, chloroform 110
 — nitrate of silver . . . 251
 Currie, J., opium . . . 590
 — water in fevers . . . 759
 Curry, J., mercury . . . 477, 490
 Curtayne, J., alcohol . . . 209
 Cusson, H., eau . . . 766
 Cusson, —, marronnier d'inde . . . 206
 — vinum . . . 742
 Cutter, E., veratrum viride . . . 738
 Cuvillon, P., chloroforme . . . 118
 Czermak, J. N., curare . . . 395
 Da Costa, J. M., inhalations . . . 96
 Da Costa Monteiro, M., ouro . . . 281
 Dadéa, B., therapeutica . . . 34
 Daellinger, J. I., arnica . . . 255
 Daenzer, F. G., euphorbiacées . . . 426
 Daffner, F., schanker . . . 56
 Dagonet, G., agens thérapeutiques 66
 Dagoumer, T., azote . . . 580
 Dähne, C. F. A., scharlachfieber . . 85
 — milchkur . . . 539
 Daignan, W., genièvre . . . 209, 532
 Dalby, J., cinnabar, musk . . . 498, 571
 Dale, T., pareira brava . . . 607
 Dalla-Bona, J., caffè . . . 370
 Daller, A., de saponibus . . . 674
 Dally, E., thérapeutique . . . 26
 Dalman, J. W., de narcotieis . . . 169
 Dalman, N. R., de dracena . . . 409
 Damm, F., de camphora . . . 303
 Dammers, F. L., datisca . . . 397
 Dana, R. H., the ether discovery . . 123
 Dance, J. B. H., antiphlogistica . . 131
 Dancer, R., de cinchona . . . 351
 Dandolo, V., china china . . . 348
 Danet, G., alcool . . . 217
 Danger and Flandin, arsenic . . . 265
 Daniel, G. F. H., infusio in venas 91
 Daniell, W. F., cascarrilla . . . 320
 Danly, H., de vesicantium usu . . . 195
 Danton, J. A., brom. de potassium 643
 Dantzius, J., medicamenta . . . 60
 Danvin, B., tartre stibié . . . 242
 Dany, —, calomel . . . 496
 Dauzel, J. F. N., de lycopodio . . . 551
 Dapper, J., de mercurio . . . 468
 Darby, J. T., liquid glass . . . 639
 D'Arcet, M., fumigations . . . 86
 Dardenne, J. P. R., renoncles . . . 658
 Daries, P. J. A., de amygdalis . . . 227
 — atropa belladonna . . . 273
 Daroze, J. A., diurétiques . . . 154
 Darsses, —, hydrargyrum . . . 473
 Darvieu, M. de, inject. iodées . . . 524
 Dassier, A., phosphore . . . 615

- Daub, C., de anæstheticis . . . 116
 Daubenton, L. J. M., ipecacuan . . . 527
 Daubenton et Carrère, lézards . . . 544
 Daubeny, C., mineral waters, 777, 778
 D'Aumeric, J. F., seebad, &c. . . 772
 Daupley, C. E., café . . . 373
 Dauter, N. E., aqua (2) . . . 759
 Dautricourt, A., atropine . . . 279
 Dauvergne, —, scrofule . . . 55
 — eau . . . 766
 Daval, S., cort. Peruvianus . . . 339
 Davasse, J., belladone . . . 276
 — glycérine . . . 450
 — strychnine . . . 694
 Davaszkievitz, L., resinæ . . . 446
 David, C., chloroforme . . . 331
 David, F., bromure de potassium . . . 642
 David, J. P., lait . . . 163
 Davidson, A., opium . . . 594
 Davidson, S., Wingate spaw . . . 803
 Davidson, W., pulmon. system 382, 664
 Davies, D., mercury . . . 479
 Davies, H., rheumatic fever . . . 196
 Davies, J., iodine . . . 519
 Daviot, J., intox. saturnine . . . 632
 Daviot, L., eau . . . 766
 Davis, J. B., Walcheren fever . . . 477
 Davis, N. S., alcoholic drinks . . . 212
 Davis, W. B., carbolic acid . . . 313
 Davison, W., antimoine . . . 235
 Davisons, R., mercurius . . . 472
 Davisson, W., oblatio salis . . . 687
 Davy, Sir H., nitrous oxyde . . . 580
 Davy, R., local anæsthetics . . . 125
 Dawson, W. W., chloroform deaths 334
 Day, J., mineral oils . . . 152
 Deacon, J., tobacco tortured, &c. . . 708
 Deane, E., spadacrene anglica . . . 791
 Debay, A., café, thé, &c. . . 373, 729
 Debeauver, L., sangsues . . . 462
 Debeney, A., azotate d'argent . . . 251
 — injections caustiques . . . 251
 Debove, G. M., médicaments . . . 70
 Debray, E., eucalyptus glob. . . 425
 Debreyne, P. G. C., thérapeutique . . . 21
 — belladone . . . 276
 — thérapeutique appliquée . . . 46
 Debuire, P. L. C., quinine . . . 654
 Debussaux, A. N., chloroforme . . . 332
 De Candolle, prop. méd. des plantes . . . 75
 — racine de cainca . . . 293
 — quinquina . . . 353
 — ipécacuanha . . . 527
 De Castro, M. C., aqua . . . 761
 Decharmes, —, opium indigène . . . 598
 Déclat, G., acide phénique . . . 312, 313
 De Cours, A., hém. saturnine . . . 633
 Décugis, V., ipécacuanha . . . 528
 Decuignières, P., iodoforme . . . 526
 Deetz, W., ammoniæ carb. . . 224
 Deffaux, —, opium . . . 591
 Defresne, T., pancréatine (2) . . . 606
 Deghilage, E., archives de thérap. . . 58
 Déglat, —, valérien. d'ammon. . . 225
 Deguise et Dupuy, morphine . . . 564
 Debaut, —, méd. purgative . . . 181
 Dehn, J., de ferro . . . 431
 Dehne, J. C. C., spieasglas . . . 239
 — maywurm . . . 560
 Deininger, C. F. H., belladonna . . . 275
 Dejoin, F., soda Hispanica . . . 685
 De la Barre, A., éthérisation . . . 114
 — anesthésimètre . . . 117
 — gutta percha . . . 457
 De la Folie, —, pavot indigène . . . 606
 Delafond, O., arsenic (toxicol.) . . . 266
 Delafosse, E., quinine . . . 655
 Delamarre, C. L., éserine . . . 423
 De la Motta, J., gillenia . . . 449
 Delange, J. F., ergotisme . . . 416
 Delannégrie, V. L., chloroforme . . . 334
 Delaplanche, M. F., hirudines . . . 461
 Delaroché, —, opium . . . 591
 Delarue, F., pierre infernale . . . 250
 Delathy, —, digitale . . . 403
 Delavigne, G. F., gratiola . . . 453
 Delavigne-Villeneuve, quinine . . . 651
 Delbosc, F., quinquina . . . 810
 Deleau, —, vomissement . . . 157
 Deleau, M. T., belladone . . . 275
 — perchlorure de fer . . . 439
 Delgado, F., lignum indicum . . . 454
 Delile-Flayac, —, rhus radicans . . . 662
 Delieux de Savignac, J. F. J. A.,
 méthode en médecine . . . 27
 — émoullients . . . 160
 — ammoniacaux . . . 224
 — gomme ammoniacque . . . 227
 — sels d'argent . . . 252
 — bittéra . . . 289
 — chloroforme . . . 330
 — succédanés du quinquina . . . 360
 — safran . . . 389
 — ergot . . . 421
 — éther . . . 424
 — sels de fer . . . 434
 — iode . . . 521
 — ipéca . . . 528
 — essence de menthe . . . 561
 — musc . . . 572
 — myrrhe . . . 573
 — myrte . . . 574
 — noix vomique . . . 699
 — nicotine . . . 811
 Delius, H. F., de gratiola . . . 452
 — de Éthiope minerali . . . 504
 — de peucedano . . . 609
 — nitrum . . . 638
 — taraxacum . . . 721
 Della Bona, J., mercur. sublimat. 498

- Della Chena, P., rosmarino . . . 664
 Della Decina, A., remedia . . . 75
 Della Fabra L., tabacum . . . 712
 Delmas, E. A., ergot de seigle . . . 421
 Delmas, P., eau . . . 766
 Delondre, A. S., quinologie . . . 355
 — cinchona . . . 361
 Delore, X., thérapeutique . . . 49
 Delourmel de Picardière, L. . . 242
 Delpech, A., sulfure de carbone . . . 309
 Delpech, E., maladies urinaires . . . 55
 Delpech, P. E., solanées . . . 691
 Delphinus, J., meth. præscribendi . . . 76
 Del Pozzo, L., arsenico . . . 266
 Delsingerus, A., helleborus . . . 458
 Delurelle, — ratanhia . . . 535
 Delzeuzes, L. C. F., iatroleptique . . . 84
 Demagny, G., phosphure de zinc . . . 752
 Demarquay, J. N., pneumatologie . . . 95
 — liquides pulvérisés . . . 94
 — chloroforme (2) . . . 334
 — glycérine . . . 451
 Demars, J. J., guano . . . 453
 Demay, F., cantharides . . . 308
 Demay, P., tannate de quinine . . . 657
 Demetrius, P., cinnabaris . . . 498
 Demler, J. F., acid. muriatic. . . 505
 Demontporcelet, C., opium . . . 598
 Deneffe, et van Wetter, chloral . . . 328
 Denger, J. H., mercur. sublimat. . . 498
 — dysenteria, &c. . . 599, 680
 Déniau, P. C. F., le silphium . . . 271
 Denicler, J., adstringentia . . . 138
 Denis, A. A., hypodermique . . . 89
 Denize, G. A., colique métallique . . . 168
 Denman, J., Buxton water . . . 786
 Denyau, A. M., opium . . . 586
 Deodatus, C., hydrargyrum . . . 467
 Deperet de Maury, G., opium . . . 589
 Depré, J. F., de purgantibus . . . 178
 — de melle . . . 559
 — arundo saccharina . . . 687
 De Quincy, T., opium-eater . . . 593
 Derby, R. H., colour-blindness . . . 217, 720
 Dercks, T., de pigmento indico . . . 514
 Dercum, L. A., rosa . . . 664
 Derenzi, S., ergotisme . . . 417
 Derham, S., Ilmington waters . . . 794
 Derheims, J. C., sangsues . . . 463
 Derlon, E., thérapeutique . . . 33
 Dernas, E., huile de foie de morue . . . 569
 Dernerson, L., vigne et vin . . . 748
 Deroche, —, cuivre . . . 394
 Derosue, B., monesia (2) . . . 563
 Dertelle, J. G., digitale . . . 407
 Desbois, —, ipecacuanha . . . 527
 Descazals, J., opium . . . 586
 Deschamps, —, l'art de formuler . . . 80
 Deschamps, —, quinquina . . . 352
 Des Essarts, —, safran . . . 389
 Desfontaines, R. L., jalap . . . 530
 Desgenettes, R., tabac . . . 716
 Desgranges, J. B., alcali volatile . . . 223
 — chloral . . . 327
 — ergot . . . 413
 — mercure, &c. . . 480
 Deshayes, C. fièvre typhoïde . . . 206
 Deshon, H. C., inhalation . . . 93
 Desiderio, A., remed. purganti . . . 181
 — quinine (4) . . . 651
 Desmarres, L. A., nitrate d'argent . . . 251
 Desmartins, L. P., genista, &c. . . 448, 691
 Desmartis, T. P., prophylaxies . . . 174
 — saules . . . 671
 Desmond, J., de morbo mercuriali . . . 490
 Desnos, —, variole . . . 54
 Despaigne, M., ciguë aquatique . . . 336
 Despatureaux, G. D., hydrarg. . . 471
 Despiney, C., arsenic . . . 262
 Despinoy et Gavreau, foie de morue . . . 570
 Desponts, E., héméralopie . . . 570
 Desportes, E. H., morphine . . . 564
 — noix vomique . . . 698
 Després, A., dict. de thérap. . . 30
 Desruelles, H. M. J., malad. véné-
 riennes . . . 137
 — mercure . . . 481
 — iod. de potassium . . . 520, 521
 Dearnez, J. M. R., inspirat. pulmon. . . 94
 Destouches, —, muriate d'or, &c. . . 281
 Desvauz, N. A., bananiers . . . 572
 Detharding, G. C., medicamenta . . . 62
 — enemata . . . 97
 — de arsenico . . . 256
 — aqua calcis . . . 295
 — de cort. china . . . 342
 — rhabarbarum . . . 659
 — seneca . . . 678
 — sulphur . . . 702
 Detlef, P., rubia tinctorum . . . 665
 Detray, A. E., ipéca . . . 529
 Deu, F., mercuriaux . . . 485
 Deusingius, A., mandragora . . . 277
 — de lacte . . . 537
 — de manna, &c. . . 556, 667
 Deuxivoine, E., cort. Peruvianus . . . 337
 Deval, —, l'art de formuler . . . 79
 Devaltz, E., croup . . . 158
 Devaux, L. (ipecacuanha) . . . 526
 Devay et Guilliermond, ciguë . . . 382, 383
 Deverdier, —, seigle ergoté . . . 412
 Devergie, A., cancroïde, &c. . . 54
 — hydriod. de potasse . . . 516
 Devergie, M. N., antiphlogistiques . . . 131
 Devergie, M., perchlor. de fer . . . 439
 Devergie et Foville, arsenic . . . 262
 Devilliers, C. L., styrax . . . 699
 Devouges, H., paralysie saturnine . . . 632
 De Vries Reiling, —, artemisia . . . 270
 Dewar, J., rheumatism, &c. . . 134

- Dewar, J., sulphurous acid gas . . . 704
 Dexbach, J. G., de cassia . . . 362
 Deyeux, N., lait . . . 539
 Diaper, J., de clystere . . . 97
 Dichiana, F., canfora . . . 304
 Dickinson, J. C., gout . . . 190
 Dickinson, W. H., eau froide . . . 766
 Dickson, M., de purgantibus . . . 178
 Dickson, S. H., therapeutics . . . 20
 — elements of medicine . . . 24
 — studies in therapeutics . . . 31
 Diday, P., syphilis . . . 50
 Didier, P. M., oxyde d'antimoine . 244
 — moutarde blanche . . . 682
 Dieffenbach, J. F., infus. d. arzen. 91
 — æther . . . 108
 Dierbach, J. H., arzneikräfte der
 pflanzen . . . 67, 75
 — receptirkunst . . . 79
 Diersch, J. P., de ferro . . . 432
 Diesing, C. M., nux vomica . . . 698
 Dieterich, G. L., merkurialkrank . 491
 Dieterich, L. M., cort. Peruvianus . 342
 Diehelm, J. C., de antimonio . . 236
 Dietl, J., typhus . . . 49
 Dietrel, J. A. H., diabetes . . . 41
 Dietz, G., chlorate de potasse . . 636
 Dietz, J. H., de nucе moschata . 573
 Dieu, A., hist. du curare . . . 394
 Dieu, F. de, galactothérapie . . . 163
 Dieu, S., matière médicale . . . 19
 Diez, W., muterkorn . . . 416
 Dillenius, J. B. J., lichen . . . 548
 Dillenius, J. F., thea . . . 727
 Dillnberger, E., therap. d. Wiener
 schule . . . 26
 — Frauen und kinderkrankh. 52, 807
 Dinichert, J. B. C., chloroforme . 115
 Dionis, C., suffumigatio . . . 86
 — china china . . . 344
 Diruf, O., chinoidin . . . 657
 Disse, J. A., scrophul. . . 45
 Distinon, C. V., phosphorus . . . 613
 Dittmer, L. F., acid. hydrocyanic . 508
 Djetskowsky, —, therapie . . . 15
 Döbbelin, E., amblyopia alcoholica 210
 Dobie, W., chlorine . . . 330
 Döblin, M., opium . . . 596
 Dobson, M., on fixed air . . . 315
 Doctor, A. L., meth. contra tœniam 128
 Dodart, D., hydrargyrum . . . 467
 Dodd, H. W., liquor potassæ . . . 634
 Dodeuil, T., quinine . . . 653
 Dodonæus [Dodoens], R., purgantia 175
 — historia vitis, &c. . . 747
 Doederlinus, J. G. Z., de lilio . . 384
 Doering, see *Döring*.
 Doge, J. B., emetica . . . 154
 Doin et Laburthe, —, persil . . . 246
 Dolæus, J., lac . . . 537
 Dollfuss, J. G., cerasologia . . . 644
 — veronica . . . 740
 Dözl, J. C., narcotica . . . 169
 Dompiere, J. T., wechselfieber . . 43
 Donath, W. F., de digitali . . . 404
 Donati, M., jalapa . . . 530
 — mechoacanna . . . 559
 Donati, P., eclampsia . . . 133
 Donatus à Mutiis, terebinthina . 722
 Dondis, J. de, medicamenta . . . 59
 Dondorf, C. F. S., solanum tuber . 690
 D'Ongle, F. L. T., enemata . . . 97
 Donkin, A. S., skim-milk . . . 541
 Donner, C. L., de arsenico . . . 162
 —, arsenik . . . 258
 Dons, P., de pilul. aloëticis . . . 220
 Dony, P., phosphate de chaux . . . 299
 Donzelli, G., opobalsamo . . . 283, 284
 Donzelli, S., creosotto . . . 388
 Doorschodt, H., de lacte . . . 538
 Dor, H., kohlenäure . . . 317
 — bains de mer . . . 773
 Dorange, L., anesthésie . . . 122
 Dürfurt, A. F. L., kampfper . . . 302
 — kina . . . 350
 Döring, F. C. A., hydrops . . . 41
 Doringius, M., de opobalsamo, &c. 285
 — opium . . . 584
 Dorn, C. F., de delphinio . . . 399
 Dornerellius, T., de purgatione . 176
 Dorsey, J. S., on gastric juice . . 165
 — gastric liquor . . . 447
 Dorstenius, J. D., tabacum . . . 711
 Dorte, E. D., méth. endermique . . 83
 Dorvault, F., iodognosie . . . 520
 Dorville, C., quinine . . . 656
 Double, F. J., gayac . . . 456
 Dougall, J. (antiseptics) . . . 134
 — disinfection . . . 152
 Douglas, J., on mortifications . . 341
 — arbor yemensis . . . 369
 Douglas, R., de iodino . . . 516
 Douglas, S., de stimulis . . . 185
 Douglass, J., mercury . . . 476
 Doumerc, —, seigle ergoté . . . 416
 Doumers, A. J. T., seigle ergoté . 415
 Dove, W. T., argol of tartar . . . 640
 Dover, T., on mercury (2) . . . 469
 Dowling, E., de hydrargyro . . . 477
 Downey, W., sanguinaria . . . 673
 Draeger, K. B., nicotiana . . . 717
 Dragendorff, G., inulins . . . 515
 Draper, H. N., prep. of iron . . . 434
 Drelincurtius, C., chalybs . . . 430
 Dresigius, S. F., de cicuta . . . 378
 Dresky, W., valeriana . . . 735
 Dreyfus, P. B., carb. de fer . . . 435
 Driessen, J. C., de auro fulminante 231
 Driessen, P., magnesia . . . 553
 Drilhon, J. F., hydrargyrosis . . . 472

- Driver, C. H. G., cantharides . . . 308
 Dron, A., méth. hypodermique . . . 90
 Dronryp, H. C. C., opium . . . 589
 Dronsart, C. inject. veineuses . . . 91
 Droop, J. D., vires medicament. . . 74
 Drouard, C. R., oxyde de cuivre . . . 393
 Drouet, A., collodion riciné . . . 377
 Drouet, J., bromure de potassium 642
 Drouet, L. A., paralysie saturn. . . 633
 Drouineau, G., bains de mer . . . 774
 Drouot, T., médecine positive . . . 33
 — médecine rationnelle . . . 84
 — mercure . . . 491
 Druhen, V., iodure d'ammonium . . . 227
 Druiding, J. H. F., nicotiana . . . 716
 Druhen, —, tabac . . . 719
 Druitt, R., chloroform . . . 114
 — iron in cattle plague . . . 434
 — cheap wines . . . 745
 Drysdale, C. M., mercury . . . 492
 D'Ube, —, quinquina . . . 340
 Du Blé, C. L. L., de bitumine . . . 289
 Dubois, F., huile de foie de morue 569
 Duboué, P., thérapeutique . . . 26
 — princip. de thérapeutique . . . 37
 — seigle ergoté, &c. . . 421
 — quinine . . . 655
 — tannin (2) . . . 721
 Du Boys, J., meth. conficiendi . . . 76
 Dubreuil, H., euphorbiacées . . . 426
 Dubreuilh, C., seigle ergoté . . . 419
 Dubuc, —, phytolacca decandra . . . 620
 Du Buisson, L., aurum potabile . . . 280
 — acides natifs . . . 363
 Dubujadoux, P., atropine . . . 279
 Ducerf, C., mel . . . 559
 Duchanoy, —, narcotiques . . . 169
 Duchassin, E. M. A., potasse 636, 643
 Duchateau, A., anesthésie . . . 122
 Duchaussoy, A., inject. veineuses . . . 91
 Duchek, A., therapie . . . 28
 Duchesne - Duparc, L. V., fucus vesiculosus . . . 445
 Du Choul, J., quercus . . . 648
 Dückel, H., aqua calcis . . . 296
 Duckworth, D., local anæsthetics . 125
 — ipecacuanha . . . 529
 Duclos (de Tours), nitrate d'argent — digitale (2) . . . 406
 Ducos, J. E., ergot de seigle . . . 420
 Ducoudray, L., comp. du calcium . 296
 Ducourtieux, P. V., digitale . . . 406
 Ducoux, F., caféine . . . 293
 Ducuron, —, thérapeutique . . . 27
 Dufau, —, quinquina . . . 351
 Dufie, S. G. N., anesthésie . . . 117
 Dufios, A., arsenik (toxicol.) . . . 266
 Dufour, P. S., café, thé, &c. . . 368
 Dufresne, C. F., hydrargyrum . . . 478
 Dufresne, P., valérianiées . . . 736
 Dufresnoy, A., rhus radicans, &c. 661, 662
 Duhalde, Halmagrand, et Gau-cheron, salicine, &c. . . 670, 689
 Duhamel, —, prép. d'or . . . 282
 Duhaume, —, dissolvans de la pierre 164
 Duhsberg, O. K., magnesie sulph. 554
 Dührsen, H. C., de vi mercurii . . . 480
 Dujardin-Beaumez, —, choléra . . . 92
 — apomorphine . . . 247
 — boldo . . . 290
 — caoutchouc . . . 310
 — chloral (2) . . . 327
 — phosphore . . . 614
 — propylamine . . . 644
 — trinóthylamine (2) . . . 732
 — bains froids . . . 770
 Dulk, G. H., anthrakokali . . . 233
 Dulmont, —, veratrum viride . . . 738
 Dumas, F. X., chlorures . . . 142
 Dumas, J., camphre . . . 303
 Dumas, P., pilocarpine . . . 620
 Duménil, A., température animale 68
 Du Mesnil, E. J. B., lithyménie . 166
 Dumont, —, thérapeutique . . . 25
 Dumont, H. J., chlorate de potasse 636
 Dumont, N., hysteria . . . 44
 Dunal, M. F., solanum . . . 690
 Duncan, A. (senior), purgantia . . . 178
 Duncan, A., therapeutics . . . 4
 — mercury . . . 473
 — lactucarium . . . 545, 546
 — swietenia soymida . . . 707
 Duncan, D., against hot liquors . . 369
 Dunglison, R., pract. of medicine . 17
 — therapeutics . . . 18
 Dunlop, W., nit.-muriatic acid . . . 579
 Dunn, R., chloroform . . . 810
 Dunn, W., syphilis . . . 484
 Duparque, M., carb. de fer . . . 435
 Dupasquier, A., arsenic (toxicol.) . 264
 Dupau, J., lobelia syphilitica . . . 550
 — salsepareille . . . 684
 Du Petit, F. P., let. d'un médecin. 105
 Du Peyrat, —, la betoïne . . . 287
 Dupierris, M., injections iodées . . . 525
 Dupont, M., quinquina . . . 351
 — citrouille . . . 391
 — chocolata . . . 730
 Dupouy, A., bains de mer . . . 774
 Dupouy, P. F. M., chlorures . . . 143
 Dupré, A., wines . . . 745
 Duprey, A., de purgantibus . . . 178
 Duputel, M., intox. saturnine . . . 633
 Dupuy, —, réfrigérants . . . 182
 Dupuy, B., perchlorure de fer . . . 437
 Duquesnel, H., acconitine . . . 205
 Durand, A., genévrier . . . 532
 Durand, E., koumys . . . 534
 Durand, G., santalacées . . . 673
 Durande, J. F., térébenthine . . . 723

- Durand-Fardel, M., diabète . . . 54
 — eaux minérales (2) . . . 779
 Durante, C., mechoacan . . . 559
 Durastantes, J. M., de aloë et scilla
 219, 675
 — rhabarbum . . . 659
 Durien, J. F., tempéraments . . . 21
 Duroy, J. L. P., anesthésimètre . . . 115
 — anesthésiques . . . 117
 — alcool, &c. . . . 213
 — chloroforme 331
 — iode 521
 Duroziez, P., digitale 408
 Dusart, L., phosph. de chaux (3) . . . 298
 Dusourd, J. B., prép. de fer . . . 433
 Duseaussoy, —, cure d'hydrocèle . . . 249
 Dutertre, —, eau 762
 Dutilleul, B., l'art de formuler . . . 78
 Duval, F. P., emetica 155
 Duval, —, arsenic (toxicol) . . . 264
 Duval, M., toxicologie 668
 Duval, K., digitalis 404
 Duval du Peyrat, J. P. A., vin . . . 744
 Duvard, J. M., eau 763
 Duvau, N. M., callœdra 634
 Duverney, E. M., kinakina 341
 Duvernoy, G., fieberrinde 355
 Duvinius, J. B., vinum calidum . . . 742
 Dwight, S., de vomitione 155
 Dynelly, J., morb. e hydrargyro . . . 490
 Dzondi, C. H., verbrennungen . . . 761
 E., E. A., ozonized cod-liver-oil . . . 570
 Earle, J., hydrocele 100
 Easton, J. A., expectorants 161
 Ebbinge, J., phellandrium aquat. . . 610
 Ebeling, J. T. P., quassia 323, 647
 Ebell, E. F., de antimomialibus . . . 238
 Ebenbitar, —, de limonibus 363
 Eberhard, J. P., meth. conscribendi . . 77
 — narcotica 169
 — de vesicantium usu 194
 — cort. hippocastani 206
 — nux vomica 697
 Eberle, J., therapeutics 9
 Eble, B., therapie 14
 Ebrard, E., sangues 465
 Eccard, M. T., arnica 255
 — viola tricolor 746
 Echeverria, M. G., strychnine 696
 Eckard, E. L., ratanhia 535
 Eckhardt, E., sambucus 672
 Eckman, P. J., de papavere 606
 Edgren, P. A., piper nigrum 623
 Edlin, A., gout 760
 Edwards, C. J., cholera 181
 Edwards, C. T., Bladud upa waters . . . 784
 Edwards, J., goose grass 445
 Eggert, J. D., Geoffroea surinam. . . . 230
 Egholm, M. P., manna 557
 Egidy, H. E., blutegel 464
 Eglinger, C., polygonum 633
 Ehinger, J., de lupulo 465
 Ehlers, E. A., plumbum 627
 Ehrenberg, C. G., myrrha 573
 Ehrenberg, J. F. v., tart. stibiat. . . . 242
 Ehrhart, P. J., de cucuta 379
 Ehrle, E., phosphorvergift. 616
 Ehrmann, J. C., de colchico 374
 — de cumino 395
 — de fœniculo 443
 Eichler, E. H., de aceti usu 200
 Eichrodt, C. F., tertianaria 677
 Eichstad, L., camphora 300
 Eickma, O. C., de aere fixo 315
 Eisenmann, —, rheumatism. 50
 Eisenmann, G. H., martialia 430
 Eisenstein, L. S., de hydrargyro . . . 478
 Ekeburg, A. G. calx phosphorat . . . 298
 Elberling, C. G., ol. jecoris aselli . . . 566
 Elbers, L., pix liquida 624
 Elfenberg, E. M., phosphorus 612
 Elfwing, P., de trifolio 561
 Elias, K. P. F., hist. sabinæ 533
 Ellenberger, H., purgantia 175
 Elliot, G., de stimulantibus 184
 Elliot, J., mineral waters 777
 Elliot, V. L., salicine 669
 Elliottson, J. creasote 388
 — hydrocyanic acid 506
 — opium 593
 Ellis, J. coffee 371
 Ellis, R., anæsthesia 119
 Ellis, —, pain 768
 Elmiger, J., hist. des digitales 403
 Eloffe, A., l'ortie 734
 Eloy, N. F., café 371
 — thé 728
 Else, J., cure of hydrocele 249
 Eisholz, J. S., clysmatica nova 90
 — de phosphoris 611
 Elsner, C. F., medicamenta 74
 — lichen islandicus 323
 — magnesia' 552
 — sulphur 702
 Elwert, W., blausäure 508
 Emanaud, A., perchlor. de fer 440
 Emerich, G. W. B., coffea 373
 Emmerez, G. E., diuretica 153
 Emmerich, G., theeologia 727
 Emmert, —, upas antiar 233
 Emmert, C. F., de acid. borussic. . . . 506
 Emmet, T. A., de aere fixo 315
 Endter, H. C. G., de astragalo 271
 Engel, —, mezereum 397
 Engel, C. C., vesicantia 194
 Engel, G. H., acid. phosphoricum 610
 Engel, K. G., digitalis 405
 Engel, L. C., astringents végétaux . . . 139
 Engelhart, C., datura 396
 Engelhart, F. J., aqua 758

- Engelhart, J. H., de diureticis . . . 153
 — de vomitorii . . . 156
 — de prophylacticis . . . 173
 — de epispasticis (2) . . . 195
 — de usu moxæ . . . 269
 — martialia . . . 432
 — opium . . . 592
 Engström, J., quercus . . . 648
 Enschat, F. P. G. v., arsenic . . . 264
 Enslin, J. C., de boleto suaveol. . . 290
 Enspyck-Kleynhoff, C. N., alcaloidea 103
 Enyrim, T. A., necrosis phosph. . . 616
 Eppel, F. H., belladonna . . . 274
 Epps, J., counter-action . . . 145
 Erastus, T., de purgantibus . . . 175
 — de auro potabili . . . 279
 Erb, E., carbolsäure . . . 313
 Erb, W., pikrinsäure . . . 620
 Erdmann, C. M., de arsenico . . . 267
 Erdmann, E. O., sacch. lacticum . . 669
 Erdmann, J. F. J., filix mas . . . 443
 Erhard, E., de gratiola . . . 453
 Erhardt, H., tabak . . . 717
 Erichsen, A., arnica . . . 256
 Erlenmeyer, A., subcutan. inject. . 89
 Ermel, J. F., de radice chinæ . . . 343
 Erne, J. C., de hyoscyamo . . . 512
 Ernest, F. A., de cort. Peruv. 360
 Ernsting, A. K., phellandrologia. 609
 Esbensen, A., plumbum . . . 628
 Escallier, —, thérapeutique . . . 25
 — huile de foie de morne . . . 568
 — cuivre . . . 393
 Eschasseriaux, R., cort. Peruv. . . 345
 Esche, J., veratria . . . 737
 Eschenbach, —, mercurialia . . . 475
 Eschenbach, C. E., mutterkorn . . 411
 Eschenbach, C. G., ammonia . . . 223
 Escherney, D. d', stone . . . 164
 Escolar, D. S., sanguiuela . . . 464
 Esdaille, J., de narcoticis . . . 170
 Esnard, P. A., de emeticis . . . 155
 Espagnet, S. J., prép. martiales . 432
 Espanet, A., matière médicale . . 27
 Esparbès, F. A., iod. de potasse . . 523
 Espezel, —, seigle ergoté . . . 418
 Essich, J. G., therapie . . . 4
 Estruc, J. F., vésicatoires . . . 195
 Etlinger, A. E., salvia . . . 672
 Ettmüller, M., chirurg. infusoria . . 91
 — corallium . . . 386
 — opium . . . 585
 Etzrodt, E., mutterkorn . . . 417
 Eulenberg, A., hypodermique . . . 89, 808
 Eustratiades, D. S., café . . . 373
 Evans, J., antimonial cup . . . 235
 — mercury . . . 479
 Everard, G., see *Everartus*.
 Everartus, E., mechoacana . . . 559
 — herba panacea . . . 707
 Everhard, J. W., elaterium . . . 410
 Evers, A. H., camphora . . . 301
 Evrard, F., seigle ergoté . . . 416
 Ewaldt, B., mel . . . 559
 Ewart, J., carbonic acid gas . . . 316
 Ewer, J., angustura . . . 231
 Exner, C., de mercurio dulci . . . 495
 Exter, J. G., ab, podagra . . . 456, 461
 Eychenne, M. J. H., arsenic . . . 260
 Eylandt, T., acida . . . 103
 Eyre, H., Holt waters . . . 793
 Eyre, J., exhausting diseases . . 254
 — stomach and its difficulties . . 254
 Eysel, J. P., de bechicis . . . 161
 — de antimonio . . . 236
 — de aquilegia . . . 247
 — de betonica . . . 287
 — de bono Henrico . . . 325
 — de cydonia . . . 396
 — de rore solis . . . 409
 — de fuga dæmonum . . . 513
 — de trifolio . . . 561
 — chocolata . . . 730
 — tussilago farfara . . . 733
 — veronica . . . 740
 Eysson, R., de fago . . . 429
 F. B., phosphorsäure . . . 610
 Faber, A. O., de auro potabili . . . 280
 Faber, A. T., therapia . . . 2
 Faber, H., pulvis Peruvianus . . . 337
 Faber, J., de epithymo . . . 395
 Faber, J. G. A., coffea . . . 370
 Faber, J. M., strychnomania . . . 272
 Fabius, C. N., mercurius dulcis . . 495
 Fabre, A., thérapeutique . . . 4, 27
 Fabre, E., phosphore . . . 617
 Fabre, P. J., antimonium . . . 235
 — de auro potabili . . . 280
 Fabregat, C., cicuta . . . 382
 Fabrège, P., arsenic (toxicol.) . . 265
 Fabri, L. G., mercurio . . . 470
 Fabricius, P. C., sulph. antimonii . 245
 Fabroni, J. V. M., quina . . . 350
 Fabry, A., chorée . . . 424
 Faerber, J. C., injectiones . . . 100
 Fageret, M., tabac . . . 718
 Fagge, C. H., poisons . . . 406
 Fagon, G. C., quinquina . . . 340
 — café . . . 369
 — blé cornu . . . 410
 — tabacum . . . 712
 Fairfax, —, Leamington Guide . . 795
 Fairholt, F. W., tobacco . . . 718
 Falaschi, E., chinina . . . 655
 Falck, F. A., hydrocotarnin . . . 505
 Falco, F. C. E., ratanhia . . . 535
 Falconer, R. W., Bath waters . . . 784
 Falconer, W., aqua mephitica 165, 316
 — poison of copper . . . 392
 — Bath waters (3) . . . 782, 783

- Falconer, W., Box waters . . . 797
 Falconet, A., scorbut . . . 132
 Falconet, C. L., cort. Peruvianus . 343
 Falconet, C., et Bertin, thea . 727
 Falières, A., phosphate de chaux . 299
 — brom. de potassium . . . 641
 Faligan, N. L., toniques . . . 189
 Falk, N. D., mercury . . . 473
 Fallopius, G., de purgantibus . 175
 Falquet, —, acides minéraux . . 102
 Fanoy, de —, nicotiana . . . 712
 Fanzago, F., digitale . . . 403
 Faralli, G., solfiti (2) . . . 188
 Farcy, A., acides minéraux . . 808
 Farcy, D. de, sudorifera . . . 147
 Farmer, R., nitrogen . . . 580
 — Stow (in-the-Wold) waters . . 801
 Farquharson, R., therapeutics . . 34
 Farr, S., acids . . . 101
 Farr, W., fucus helminthochorton 625
 Farre, P. J., Pereira's mat. med. . 29
 Fasch, A. H., de castoreo . . . 320
 — de myrrha . . . 572
 Faselius, J. F., de cardiacis . . 140
 — refrigerantia . . . 181
 — remed. topica . . . 191
 Fasoli, G. B., bromo e iodio . . 291
 — et Guerci, colera . . . 151
 Fauchey, A. M., vératrine . . . 737
 Fauchon, L. J., café . . . 371
 Faucis, D., de, thea . . . 727
 Fauconneau Dufresne, V. A., fer . 434
 Fauconnier, J. B., liq. alcooliques 209
 Faugeyron, G., alcool . . . 218
 Fauken, J. P. X., antimonium . . 237
 Faulcau, —, eau . . . 760
 Faulia, J., xalapa . . . 530
 Fauque, J. J. F., chloroforme . . 332
 Faure, —, olivier . . . 583
 Faure, A. P., opium . . . 595
 Faure, G., anesthésie . . . 119
 Faure, J., hydrate de chloral . . 325
 Faure-Favier, P. M., alcool . . 215
 Fausset, W., Lidoonvarna spa . . 805
 Fauvlet, C., adstringentia . . 138
 Favres, R., arsenic . . . 257
 Favara Adorni, —, borace . . . 687
 Favart, L., theses inaugurales . . 232
 Favier, J., café . . . 372
 Fawny, P., hydrate de chloral . . 327
 Fayans, M., chloroformum . . 117
 Fayolle, A., ergotisme . . . 416
 Fayrer, Sir J., thanatophidia . . 680
 — bael fruit . . . 809
 Fébrer, F., thé vert . . . 729
 Fécère, B., oxigène . . . 605
 Fée, A. L. A., hist. nat. pharm . . 10
 — ergot du seigle . . . 418
 — séné . . . 679
 Fégueux, —, cactus opuntia . . 599
 Fehr, J. M., hiera picra . . . 357
 — anchora sacra . . . 676
 Feiber, P., hydrarg. præcip. rab. . 503
 Feld, W. J., de sale ammoniaco . 226
 Feldmann, S., thérapeutique . . 22
 Felici, J. B., cioccolata . . . 730
 Felix, A. J., liquor gastricus . . 447
 Felizet, G., tartre stibié . . . 244
 Fell, J. W., cancer . . . 673
 Feller, C. G., tabacum (enemas) . 714
 Fenolhac, A., ergot de seigle . . 421
 Fenner, C. W. H., harstein krank . 42
 Ferber, J. J., quecksilber . . . 473
 Féréol, —, iodoforme . . . 525
 — jaborandi . . . 629
 Feret, J. B., seigle ergoté . . . 415
 Ferguson, W., palmyra palm . . . 299
 Fergusson, G. J., de ferro . . . 432
 Fergusson, W., cholera morbus . 150
 Fermelhuys, J. B., coffea . . . 389
 — (ipecauanha) . . . 526
 Fermond, C., sangsues . . . 465
 — tabac . . . 717
 Fernandes, S. J., térébenthine . . 723
 Fernandez, de Noceda —, quinine 649
 Fernelius, J., therapeutica . . . 1
 — de viribus arsenici . . . 259
 Feron, J. P., toniques . . . 189
 Ferrand, A., thérapeutique . . . 37
 — méd. antipyrétique . . . 132
 Ferrand, E., ostréonomie . . . 600
 Ferrand, M., mercuriels . . . 472
 Ferrant, L., tabac . . . 710
 Ferrara, F., mele ibleo . . . 560
 Ferrari, J. B., hesperides . . . 363
 Ferrari Bravo, A., cloralia . . . 328
 Ferreira de Sylva, J., quina . . . 350
 Ferret, L., petroselinum . . . 246
 Ferretti, G., noce vomica . . . 699
 Ferri, A., de ligno sancto . . . 454
 — radix chinae, &c. (2) . . . 683
 — vinum . . . 740
 Ferriar, J., digitalis . . . 401
 Ferrin, A., tabacum . . . 714
 Ferrini, G., solfiti . . . 187
 Ferris, S., milk . . . 539
 Ferro, P. J., lebensluft . . . 602
 Festler, F. S., rimedi . . . 70
 — chinina . . . 655
 Feuvrier, J. B., ammoniacque . . 225
 Fevre, J. F. C., café, thé, &c. . . 370
 Fibras, J. B., de cmmenagogis . . 159
 Ficinus, H., cinchonin . . . 649
 Fick or Fickius, J. J., de clysteribus 97
 — de salium usu . . . 183
 — de calce viva . . . 295
 — rosmarinum . . . 664
 — saccharum lactis . . . 669
 Fieber, F., inhalation . . . 95
 Fiehlstroem, J., adstringentia . . 138

Fiévée, F., pharmacologie . . .	9	Florez, J., cancro . . .	544
Fiévée (de Jemont), colchique . . .	375	Floyd, J., magnolia . . .	554
Figuier, P. O., oxyde d'antimoine . . .	244	Floyer, J., <i>φαρμακο-βασανος</i> . . .	72
— cyanure d'or . . .	282	— balnea Angliæ . . .	775
Figulus, T. A. R., opium . . .	595	Flume, W., de chiniodino . . .	650
Fikentscher, L., hyraceum . . .	513	Fockema, S., mercurialia . . .	476
Filehne, S. J., de acido carbonico . . .	317	Fodéré, F. E., quinquina substit. . .	359
Filter, F. E., cort. angusturæ . . .	231	Foedisch, F., ferrum . . .	432
Finariensis, D., vinaigre . . .	199	Foehr, J. M., vinum mosellanum . . .	745
Fincham, F., chlorides . . .	143	Foissac, M., camphre . . .	304
Finckh, J. F., de secali cornuto . . .	431	Foissin, P., stimuli . . .	185
Finizio, A., segale cornuta . . .	418	Folchi, G., china-china . . .	353
Finkenau, J., de salivatione . . .	487	— china di pitayo . . .	354
Finkh, J. F., de secali cornuto . . .	415	— salsapariglia . . .	684
Finsler, J., sulphur . . .	703	Folie, J. B., krätze . . .	41
Finzi, L. V., croton tiglium . . .	389	Folkersma, W., rhabarbarum . . .	660
Fiqueiredo, J. J. de, phellandrium . . .	610	Folli, F., stadera medica . . .	91
Fischer, —, inhalation . . .	96	Foltz, —, lavement froid . . .	99
— stickgas-inhalation . . .	580	Fonseca, Henriques F. da, azougue . . .	468
Fischer, D., variola . . .	757	Fonsagrives, J. B., thérapeutique . . .	37
Fischer, F. A., milcharzt . . .	540	— phthisie . . .	52
Fischer, G., zucker . . .	668	— chloroforme . . .	333
Fischer, J. A., convulsiones . . .	39	— éther . . .	424
— inflammatio . . .	39	Fontagnières, J., caustiques . . .	142
— coffea . . .	369	Fontaine, J., injections utérines . . .	99
— de lacte . . .	538	Fontaine, T., serum lactis . . .	543
— papaver . . .	606	Fontaines, —, quinquina . . .	350
— de saturno . . .	626	— opium . . .	692
— ricinus Americanus . . .	662	Fontana, F., laurier-cerise . . .	645
— didar Ibsinæ . . .	733	Fonte Eugubinus, Lælius à, de vesicantium usu . . .	193
Fischer, J. B., cantharides . . .	308	Fontheim, F., salicylsäure . . .	670
Fischer, J. F. F., de hirudine . . .	463	Forben, E. F., cholera und alkohol . . .	214
Fischer, J. G., anthelmintica . . .	127	Forbes, M., on solvents, &c. . .	165
Fischer, N. W., arsenic (toxicol.) . . .	263	Forbes, W., mercurial friction . . .	480
Fischer, T. F., phellandrium . . .	609	Forchhammer, J. G., de manganio . . .	555
Fisher, —, stramonium . . .	398	Forcke, F. A., veratrin . . .	737
Fitzler, C. C., mercurius dulcis . . .	494	Forcke, P. H., de marte . . .	432
Flagg, J. F. B., ether, &c. . .	113	Forckenbeck, J. M., opium . . .	587
Flament, V. P., vert arsenical . . .	267	Ford, J., aloetics in gout . . .	220
Flandin, C., toxicologie . . .	20	— letters (medical) . . .	693
Flatow, A. F., aqua . . .	761	Fordos, J., morphine . . .	565
Fleck, H., desinfectionsmittel . . .	135	Fordyce, W., muriatic acid . . .	505
— salicylsäure . . .	670	— rhubarb . . .	660
Fleck, J. C., therapeutik . . .	13	Forest, H., cacao . . .	731
Flegelein, G. M., entzündung . . .	41	Forestus, P., de fucis, &c. . .	444
Flebel, G., pix liquida . . .	623	Forget, A., chloroforme, &c. . .	114
Fleischmann, W. F. C., formulæ . . .	79	Forget, C. P., médecine navale . . .	13
Fleming, A., aconitum napellus . . .	203	— indications thérapeutiques . . .	15, 25
— oil of male fern . . .	443	— principes de thérapeutique . . .	27
Fleming, C., chloroform . . .	331	— opium . . .	595
Flemming, C. F., psychosen . . .	50	Formi, P., traité de l'adianton . . .	205
Flemyng, M., James's fever powder . . .	245	Fornara, D., upas antiar . . .	809
Flensborg, H., de oleorum usu . . .	171	Fornara, G., nux vomica . . .	698
Fletcher, J., revulsives . . .	145	Forsius, K. F., nicotinforgiftning . . .	576
Fleury, A. de, thérapeutique . . .	37	Forsenius, C., thalassotherapie . . .	774
— diphthérite . . .	54	Forsten, E. A., cedrela febrifuga . . .	321
Fleury, V., vésicatoires . . .	196	Forsten, R., cantharides . . .	306
Flinzer, M. C. A., argenti nitras . . .	252	Forster, T., spirituous liquors, &c. . .	209
Flodberg, J. E., de camphora . . .	303	Forster, W. E., aristolochia . . .	245
Florembeni, P., de clematide . . .	365		

- Fortin, E. E., quinine . . . 654
Fortmayer, J., de iodio . . . 516
Fosbroke, J., Cheltenham waters . 788
Fossati, G., acid. muriatic. . . 505
Fossius, N., nitrum, sulphur. 638, 702
Foster, B., diabetes . . . 55
Foster, B. W., ether, &c. . . 424
Fothergill, A., lead and copper . 630
— Cheltenham waters . . . 787
Fothergill, J., de emeticis . . . 155
— cort. Peruvianus . . . 347
— (kino) . . . 533
Fothergill, J. M., digitalis . . . 408
Foubert, —, obésité . . . 143
— bains de mer . . . 774
Foubert, H., anesthésie locale . 124
Foucart, J. B., antiphlogistiques . 131, 808
— diète lactée . . . 540
Foucher, E., anesthésiques . . . 116
Foucher, L., mytilus edulis . . . 574
Fouilloux, P., perchlor. de fer . . 440
Fountain, E. J., phthisis . . . 604, 636
Fouquier, P., acétate de plomb . 628
Four, D. de, de purgantibus . . . 177
Fourcade-Prunet, J. G., arsenic . 259
Fourcroy, A. F., médicamens . . . 74
Fourdes et Heppé, —, méthylène . 562
Foureau de Beauregard, L., fièvre
jaune . . . 174
Fourès, N., hydropisies . . . 50
Fournié, E., corps pulvérulents . 94
— laryngoscope . . . 192
Fournic, H. A., méd. réfrigérante . 182
Fournier, —, topiques . . . 191
Fournier, L. G. S., vésicatoires . 196
Fournier, M. L., ulcères vénériens . 593
Fournier de Pascaï, F., baryte . 286
Fourquet, G., sur le croup . . . 191
Fourrier, —, alcool . . . 218
Foville, —, alcoolisme, &c. . . 214
Fowler, T., rheumatism . . . 149
— medical reports . . . 195
— arsenic . . . 257
— mercurius . . . 473
— tobacco . . . 714
Fowler, W., mercury . . . 476
Fox, Tilbury, skin diseases . . . 57
Foy, F., pharmacologie . . . 12
— matière médicale . . . 18
— thérapeutique . . . 28
Fracastorius, H., vinum . . . 740
Frahm, P., iodinum . . . 516
Frampton, J., joyfull newes . . . 430
Franc, J., tartre stibié . . . 242
Franca y Masorra, —, chloral . . 327
Franceschi, J., therapia . . . 24, 29
Franceschini, A., aconitine . . . 205
Franchimont à Franckenfeld, N.,
lithotomia medica . . . 163
Franchini, G. B., zafferano . . . 389
— digitale . . . 407
Franchis, R., chlorure de ziuc . . 752
Francis, J. W., mercury . . . 477
Francius, P., thea sinensis . . . 726
Franck, M. J., medicamenta . . . 61
Francke, J., refrigerantia . . . 181
— castorologia . . . 320
François, A., kahiça . . . 294
— extrait de laitue . . . 546
François, F., nitrate d'argent . . 253
François la Couture, V. F. le,
ergot . . . 415
Francon, A., dartres . . . 44
— dartres . . . 53
Francus, G. F., see *Francke, G.* . 363
Frank, F. E., colica saturnina . . 630
Frank, J., de corallio . . . 386
Frank, J. P., therapie . . . 17
— vires medica . . . 74
Frank, L., frictions huileuses . . 85
Franke, G., de soldanella . . . 384
Franke, G. F., de malo citreo . . 363
Franke, J., see *Francke.*
Franke [Francus], J., cuscuta . . 395
Frank (Fracus), J., euphrasia . . 427
— trifolium . . . 561
— momordica . . . 563
— acetosella (2) . . . 601
— tabacum . . . 709
— utica urens . . . 734
— veronica (2) . . . 739
Fränkel, L., wasser . . . 766
Fränkel, S., de chinchonino . . . 650
Franqueville, E., ergot . . . 421
Franz, A. F., de bromii effectibus . 291
Franz, J. C. A., Brighton spa . . 785
Franz, J. G. F., de asparago . . . 271
Franzoja, J., smilax china . . . 683
Franzolini, F., fava del Calabar . 619
Frari, M., segala cornuta . . . 421
Fraser, H., misletoe . . . 747
Fraser, T., de arsenico . . . 259
Fraser, T. R., chem. and phys.
action . . . 69
— akazaga ordeal . . . 208
— atropia (2) . . . 278
— mercury . . . 486
— Calabar bean . . . 617, 618, 619
Fraser, W., strychnine . . . 694
Fratini, R., acid. hydrocyanic. . 510
Freake, A., humulus lupulus . 465, 466
Frederich, J. F., nux juglandis . . 531
Fredet, G. E., chloroforme . . . 334
Freind, J., emmenologia . . . 159
— de purgantibus . . . 177
Freitag, J., aurora medicorum . . 176
— opium . . . 584
Frémanger, J. F., créosote . . . 387
Frémineau, H., phosphate de chaux . 298

- Fremy, C., méd. arsenicale . . . 260
 French, J., the Yorkshire spaw . . . 791
 Frentrop, E., nux vomica . . . 699
 Fresquet, —, guajacum . . . 456
 Frette-Damicourt, E., tremble-
 ment mercuriel . . . 492
 Freudenstein, G., de cannabis usu . . . 304
 Freudenthal, C. G., hirudines . . . 462
 Frewen, T., physiologia, &c. . . 173
 Frey, M. A., de chloroformylo . . . 331
 Freybe, C. C. W., rubifacientia . . . 182
 Freyer, J. G., lythrum salicaria . . . 552
 Frick, J., de auro potabili . . . 281
 Friderici, J. A., de hæmorrhagia
 uteri, &c. 39
 — de aloe 219
 — guajacan 456
 — pæonia 605
 — *ταβακολογία* 711
 Fried, J., de viribus arnicae . . . 255
 Friedberg, H., muskellähmung . . . 50
 Friedreich, J. B., psychischen
 krankheiten 44
 Frier, —, miel et lait 560
 Fries, J. F., therapeutik . . . 6, 12
 Friese, G. F., antisiphilit. phar. . . 136
 Frisch, J., colchicum 375
 Frisius, H., thea 726
 Frissant, S., nitrate d'argent . . . 252
 Fritsch, —, meloe majalis . . . 560
 Fritschius, J. G., ipecacuanha . . . 527
 Fritze et Ranvier, phosphore . . . 616
 Fritze, J. F., de cort. Peruviano . . . 345
 Frölich, A., wasser (3) 762
 Frölich, C. C., chlor. de potasse . . . 636
 Frölich, J. A., de gentiana . . . 448
 Frölich, J. H. L., emetica . . . 157
 Fromm, A., arsenikvergiftung . . . 266
 Fromm, F. C., ricini oleum . . . 663
 Frommann, J. C., vitis 748
 Frommüller, D., narkotischen-
 arzneimittel 171
 Frommüller, J. C., zincum . . . 751
 Froriep, L. F. V., emetica . . . 156
 Frost, H. R., therapeutics . . . 19
 Frost, J., croton oil 390
 Frueh, G., kreosot 388
 Frye, J., colica saturnina . . . 629
 Fuchs, C. H., therapie 21
 Fuchs, C. J., chlor 329
 Fuchs, G. F. C., antimoine . . . 238
 — phosph. quecksilber . . . 504
 — zinc 750
 Fuchs, R., guaiacum 454
 Fuentes, M. A., coca du Pérou . . . 422
 Fuller, T., pharmacopœia extemp. . . 76
 Fumanellus, A., vinum 740
 Fumée, G., simaruba 681
 Fumey, —, tabac 716
 Fumouze, —, exutoires . . . 196, 386
 Funk, G. R., de iodino 516
 Fürbringer, P., salicylsäure . . . 670
 Furnari, S., malad. des yeux (2) . . . 46
 — bryone 292
 Fürstenau, J. F., de alumine . . . 221
 — de antimonio 237
 — sulphur 702
 Fusina, V., tabacco 720
 Fyffe, A., de acido carbonico . . . 317
 Gabalda, —, thérapeutique . . . 26
 Gabriel, J., flagellum 756
 Gabriel, J., balnea maritima . . . 772
 Gachet, G., alcoolisme 216
 Gadd, J. N., epispastica 196
 Gadd, T. A., de calce muriatico . . . 297
 Gadolin, J., de alumine 221
 — de ammoniaca 223
 — de sulph. barytæ 286
 — de calcis usu 296
 — analysis ferri 432
 — magnesia 553
 — sodæ sulphas 686
 Gaillon, B., huîtres vertes . . . 600
 Gaimari, G., rimedi 66
 Gairal, J. J., tremblement mercuriel 492
 Gairdner, M., mineral springs . . . 778
 Gairdner, W., iodine 516
 Gairdner, W. T., stimulants . . . 186
 Galama, S. J., moederkoorn . . . 416
 — levertraan 566
 Galdin, A., tartre stibié 242
 Galdo, M. J. de, mestranzo . . . 558
 Galeano, J., café 368
 — smilax aspera 682
 Galen, C., de purgantium facult. . . 174
 Galés, J. C., soufre (fumigation) . . . 702
 Galippe, L. M. V., cantharides . . . 309
 — cuivre 394
 Gallais, A., cacao 731
 Galland, A., café 369
 Galland, A. C. A., rubifacientia . . . 183
 Gallard, T., strychnine 695
 Gallavardin, —, jusquiame . . . 512
 — paralysie phosphorique . . . 616
 Gallesio, G. C., citrus 364
 — pomono Italiana 442
 Galesky, J. G., leinöls 549
 Gallo, J. M., latte 538
 Gallois, —, oxalate de chaux . . . 297
 Gallois, L., cort. Peruvianus . . . 337
 Gallot, E., hypodermique 89
 — quiuine 653
 Gallus, A., de ligno sancto . . . 454
 Gambus, L., alcoolisme 218
 Gamgee, A., on the blood . . . 171
 Gamgee, J. G., herniotomy . . . 181
 Galtier, C. P., matière médicale . . . 17
 — pharmacologie 79

- Galtier, F., émétique . . . 243
Galvani, A., noce vomica . . . 699
— valeriaté di zinco . . . 752
Galvani, M., hydrocèle . . . 746
Galzain, C., seigle ergoté . . . 420
Ganal, J. N., chloré (2) . . . 329
Gandil, F., cirrhose alcoolique . . . 215
Gandolfi, G., pneumatica, &c. . . 94
Ganiez, C. E., thérapeutique . . . 26
Gansius, J. L., corallium . . . 386
Gantillon, H. E., malad. de matrice . . . 99
Ganzel, K. L., lactuca sativa . . . 546
Ganzin, C., nitrate d'argent . . . 253
Garbenfeld, J. L. v., tabacum . . . 713
Garbers, J., diuretica . . . 153
Garcia, F. de P., fumigationes . . . 87
Gardavein, T., belladone . . . 275
Gardiner, E., trial of tobacco . . . 707
Gardiner, J., de vino . . . 743
Gardinius, L., purgantia . . . 176
Gareau, C., thérapeutique . . . 33
Garencières, T., coral . . . 386
Garibaldo, G., spirito di vini . . . 209
Gariel, —, caoutchouc vulcan. . . 309
Garland, S., adstringentia . . . 138
Garlich, T., injections . . . 100
Garms, A., arzneimittel . . . 68
Garner, H., therapeutica . . . 8
— therap. chirurg. . . 38
Garner, R., eutherapeia . . . 24
Garner, V., ammoniaca . . . 225
Garnett, T., Harrowgate waters . . . 792
— Horley-Green spaw . . . 793
Garnier, A., et Couthier, J. F.,
— thee, &c. . . 728
Garnier, F., bromure de fer . . . 435
Garon, A., émétique . . . 241
Garran de Balzan, A., ergot . . . 421
Garrigon, F., sulfhydrométrie . . . 704
Garrigues, S. S., ginseng . . . 450
Garrrod, A. B., materia medica . . . 19
— essentials of mat. med., &c. . . 23
— lithium salts . . . 550
Garthshore, M., papaver . . . 606
Gase, J. C., marronnier d'inde . . . 206
Gasselin, A., brôme . . . 291
Gasté, L. F., calcul appl. à la méd. . . 16
Gastier, —, prophylaxie . . . 174
Gastinel, J. B., fébrifuges . . . 260
— opium . . . 596
— haschisch . . . 305
Gataker, T., medical essays . . . 379, 499
— nightshade . . . 690
Gatnneau, B. P. V., brom. de pot. . . 642
Gaubius, H. D., meth. concinnandi
formulas . . . 77
Gauchet, L. A., méd. vomitive, &c. . . 158
Gaudeffroi, P. A., iod. de potass. . . 524
Gaudin, G., bains de mer . . . 774
Gaulard, L., glycérine . . . 461
Gaulejac, J. de, alcool . . . 213
Gaulon, P. E., phosphate de chaux . . . 298
Gauthier, H., caustiques . . . 140
Gaultier de Claubry, H., alcalis . . . 106
Gaultier de Claubry, H. F., iode . . . 516
Gauthier, L. P. A., iod. de potass. . . 519
Gaune, C. L., vomitifs . . . 157
Gautieri, G., glutine animale . . . 448
Gavrelle, N. A., paullinia . . . 607
Gay-Lussac, J. L., acides . . . 102
— acide prussique . . . 507
Gayant, L., coffea . . . 369
Gayet, —, anesthésie . . . 120
Gayet, A., œnanthe crocata . . . 582
Gazagnes, A., brôme . . . 291
Gazan, F. E., acide prussique . . . 507
Gazeau, C., sulfate de cadmium . . . 292
— coca . . . 422
Gazin, A., alcool . . . 218
Gazius, A., purgantia . . . 174
— aerarium sanitatis . . . 740
Geary, W. J., purgantia . . . 190
Geary, W. T., arsenic (antidote to) . . . 265
Gebhard, B. D., filix mas . . . 443
Gedner, E., de ficu . . . 412
Geelhausen, J. J., de lacte . . . 533
Gehema, J. A., moxa . . . 268
Gehler, J. C., cinnamomum . . . 362
— lac . . . 539
— magnesia . . . 553
Gehring, F. F., purgantia . . . 179
Geigel, A., syphilis . . . 53
Geiger, D., de antimonio . . . 237
Geiger, K. A., secale cornutum . . . 413
Geilfusius, B. W., de moxa . . . 268
Geisel, J. D., de febrifugis . . . 162
Geiseler, C. G., de coellearia . . . 366
Geiseler, E. F., crotonis monogr. . . 389
Geisler, A. F., vires medicamen-
torum . . . 74
Geisler, J. E., de vomitoriis . . . 155
Geist, L., phosphor. (2) . . . 615
Gelis, A., ferrugineux (2) . . . 433, 434
— et Conté, J. L., fer . . . 433
— lactate de fer . . . 437
Geller, E. H., zincum . . . 750
Gelmetti, D. A., calagnala . . . 294
Gem, R., remedy for stone . . . 167
Gemma, A., pellagra . . . 55
— cromo . . . 335
— stricnina . . . 696
Gendron, A., thérap. chirurg. . . 38
Geneuil, M. A., ammoniaca . . . 225
Genoux, J. C. A., cantharides . . . 307
Gensollen, C., anesthésie locale . . . 126
Gentil, A. A., café . . . 371
Gentry, F. O., chloroforme . . . 333
Geoghegan, E., bloodletting . . . 403
— mercury . . . 478
George, H., smallpox . . . 303

- George, J. B., anesthésie locale 117, 125
 Georgesco, N. T., quinine . . . 654
 Georgi, —, agaricus muscarius . . . 222
 Georgius, J. C. S., coffee . . . 370
 Gérard, A., digitale . . . 404
 Gerdes, A., necrosis phosphorea . . . 615
 Gerding, J. U., de marte . . . 431
 Gerhard, E., granatum . . . 645
 Gerhard, J., panacea hermetica . . . 280
 Geri, L., terapeutica . . . 9
 Géri, S., pneumonie alcoolique . . . 217
 Gericke, J. V., de derivatione . . . 144
 Gerike, P., de camphoræ usu . . . 301
 Gerlach, E., manna . . . 557
 Gerlach, J., de tœnia expellenda . . . 128
 Gerlet, —, la thérapeute . . . 6
 Gerloni, V. de, malatt. dei bambini . . . 49
 Germain, C., antimoine (2) . . . 235
 Gerspach, J., coton (2) . . . 452
 Gervaise, N., catharsis . . . 176
 Gervent, E. A., acide chlorohyd. . . 505
 Gesner, C., purgantia, &c. . . 154, 176
 — de aconito . . . 202
 — de remediis secretis . . . 234
 — epistolæ medicinales . . . 458
 — de lacto . . . 536
 Gesner, J. A., cadmium . . . 292
 — cobalt . . . 366
 — zingiber . . . 752
 Gestin, It. T. C., nitrato d'argent . . . 253
 Genterbrück, F. D., anæsthetica . . . 116
 Geyer, —, coffea . . . 370
 Geyer, J. D., cantharides . . . 305
 — Δικραμνογραφία . . . 400
 Geysler, J., de digitali . . . 401
 Giacomini, G. A., terapeutica . . . 14
 — chinina . . . 651
 Giadorou, V., olive (gum of) . . . 583
 Gianella, C., ipecacuanha . . . 527
 Giannini, G., febbii (acqua) . . . 762
 Gibb, G. D., brom. of ammonium . . . 225
 — whooping-cough . . . 579
 — sucre . . . 668
 — sanguinaria . . . 673
 Gibbes, G. S., Bath waters . . . 783
 Gibbons, —, carbolic acid . . . 312
 Gibbons, H., tobacco . . . 719
 Gibbons, T., medical cases . . . 488
 — nitro . . . 639
 Gibello, G., arsenico . . . 262
 Gibert, C. M., arsenic . . . 260
 Gibney, J., de ethere . . . 423
 — sea-bathing . . . 771
 Gibney, W., Cheltenham waters . . . 788
 Gibson, J., quassia, &c. . . 647
 Giebelhausen, C. F. A., opium . . . 593
 Giesse, C. P., colica saturnina . . . 630
 Gjeaeler, R., chlor-ammonium . . . 226
 Gigaud, P. M. G., quinine . . . 651
 Gilbert, E., manna du désert . . . 558
 Gilbert, S., fons sanitatis . . . 803
 Gilbertini, D., canfora monobro-
 mata . . . 304
 Gille, F., iodure de fer . . . 436
 Gillet de Grandmont, —, caus-
 tiques . . . 142
 Gillhuber, J., de kreosoto . . . 388
 Gimbert, —, eucalyptus glob. (2) . . . 425
 — chlorate de potasse . . . 637
 Gimon, J. B., opium . . . 594
 — opium (indigène) . . . 598
 Gingeot, P., thérap. de l'alcool . . . 214
 Gintrac, E., thérapie médicale . . . 22
 Gintrac, H., tartre stibié . . . 244
 Giorgetti, F., valeriana . . . 736
 Giorgi, M., vesicatorii . . . 193
 Giquel, A., atropine . . . 279
 Giraldès, —, perchlor. de fer . . . 437
 Girard, —, alcali volatil fluor . . . 223
 Girard, C., protoxolate de fer . . . 434, 437
 Girard, J. de., laurier rose . . . 812
 Girard, J. J., enemata . . . 98
 Girard de Conquans, L., ergot . . . 417
 Girardi, M., uva ursina, &c. . . 295, 784
 Girardin, M. J., arsenic . . . 261
 Giraud, B., ailante glanduleux . . . 208
 Giraud, F., quinquina . . . 351
 Giraud-Teulon, F., strabisme . . . 51
 Girardeau, —, mercure . . . 480
 Girardeau de St. Gervais, —, syphil. . . 131
 Giraudet, B., vomitifs . . . 157
 Giraudy, C. F. S., thérapeutique . . . 7, 8
 — maladies chroniques . . . 41
 — belladone . . . 278
 Girbal, A., bismuth . . . 289
 Girdwood, G. F., venous injection . . . 91
 Girola, L., therapia, &c. . . 16
 Girolami, A. F., china china . . . 340
 Giron, L., goudron . . . 624
 Girtanner, C., terra calcarea . . . 296
 Girtler, G., chlorkalk . . . 143
 Giselinus, V., hydrargyrum . . . 467
 Gisler, N., blod-iglers . . . 461
 Giudice, G., terapeutica . . . 807
 Giulio, C., sugo gastrico . . . 447
 Givaudan, N. X., thérapeutique . . . 17
 Glaser, F. R. v., lepidium . . . 548
 Glass, S., magnesia alba . . . 552
 Glass, T., smallpox, &c. . . 758
 Glauber, J. R., de auro potabili . . . 280
 — tartarum . . . 640
 Gleditsch, J. D., virtut. plantarum . . . 72
 — mandragora . . . 277
 Glénard, A., vin . . . 745
 Glénard, F., fièvre typhoïde . . . 768
 Glocke, G. J., secale cornutum . . . 417
 Glogner, C. A., salivatio . . . 488
 Gloner, J. C., diet. de thérap. . . 34
 Glover, R. M., bromine . . . 291
 — picrotoxin . . . 629

- Glover, R. M., mineral waters . 778
 Gluam, J. A., de chelidonio . 324
 Gmelin, C. G. [metalla] . 168
 — seidelblastrinde . 397
 — magnesia . 553
 Gmelin, F. G., therapie . 12
 Gmelin, J. F., ferrum . 431
 Gmelin, J. G., oort. Peruvianus . 343
 — rhabbarbarum . 660
 Gmelin, P. F., bot. et chem. ad med. 73
 — de vitriol. ferri . 441
 — morsus canis rabidi . 571
 Gmelin, S. G., hist. furcorum . 444
 Gmelin, S. T., analeptica . 126
 (Ineit-Alben, medicamenta . 59
 (Inuschke, K., hydrargyrum . 481
 (Ü, see Goe.
 Gochuat, F. K., de cichoraceis . 336
 Godart, A., nit. acide de merc. 503
 Godart, G. L., antispasmodiques . 136
 Godart, J., antiseptiques . 133
 Godefroi, M. J., levertraan . 567
 Godfrin, A., alcool . 216
 Godin, L., de camphora . 302
 Godquin, —, seigle ergoté . 416
 Godwin, J., septicologie . 133
 Goebel, C. F. W., dulcamara . 690
 Goebel, G. O., de colchico . 375
 Goebelin, S., succinum . 700
 Goedecke, A. H., ol. cubeborum . 391
 Goeden, H. A., phosphorsäure . 611
 Goelicke, A. O., de revollentibus . 144
 — purgantia . 177
 — cort. Peruvianus (2) . 341
 — de onopordo . 584
 — balsamum cacao . 731
 Goeller, C. L., de cinnamomo . 362
 Goepfert, H. R., acid. hydrocyanic 509
 Goepfert et Berendt, — bernstein . 701
 Goerling, J. S., terra ponderosa . 285
 Goerres, F., de acidis mineral. . 103
 Goesmann, K. A., canthariden . 309
 Goethals, F. J., de digitali . 404
 Goetz, Z. N., de salivatione . 487
 Goevres, F., cubeba . 391
 Goes, J. C., de glycyrrhiza . 451
 Gogut, R. F. V., méthode ender-
 mique . 83
 Goguyer-Laprugne, S. J., stimu-
 lans, &c. . 185
 Gohier, H. F. M., quinquina . 352
 Gohlius, J. D., de revulsione . 144
 Goldbach, C. L., hist. croci . 389
 Goldhagen, C. F. M., excitantia . 185
 Golfin, H., thérapeutique . 15, 16
 Gomes, B. A., ipecacuanha . 527
 — romeira . 645
 — cinchonino . 648
 — agua . 760
 Gondret, L. F., dérivation (2) . 145
 Gondret, L. F., emploi du feu . 196
 Gontier, L. A., hydrate de chloral 327
 Goodwin, T., Hampstead waters . 791
 Gordon, J. A., de arsenico . 258
 Goris, G., mercurius . 469
 Gorkom, K. W. v., chinakultur
 auf Java . 361
 Gorter, J. de, diaphoresis . 148
 Gory, C. A., tabac . 716
 Goschen, E., de nitro . 638
 Gosebruch, P., hydrarsenicum, &c.
 239, 260
 Gosse, L. A., erythroxyton coca . 422
 Gosselin, —, acide benzoïque . 287
 Götte, E., scorbutus . 43
 Goubaux, —, perchlor. de fer . 437
 Goudas, A. N., choléra . 652
 Goudorp, H., quinine . 650
 Gouel, F., elaterium . 410
 Gougeon, A., belladone . 276
 Gough, P., cantharides . 307
 Goulard, M., extrait de saturne . 626
 Goupil, C. A., lait . 539
 Goupil des Paillières, E. A., quin-
 quina . 357
 Gourbeil, J., héméralopie . 570
 Gourbeyre, P. F., phosphore . 614
 Gourdon, P., sulfure de carbone . 314
 Gourc, A., alcooliques . 214
 Gourraigne, H., emollientia . 159
 — de ferro . 431
 — lac . 538
 Gourvat, A. P., digitale . 407
 Gout, F., thérapeutique . 28
 Gouyet, D. H., seigle ergoté . 419
 Gouzee, H. P., nitrate d'argent . 251
 — huile de foie de morue . 566
 Goy, J., mercurius . 476
 Goyon, A., quinine . 653
 Gozzi, G. F., terapeutica . 12
 — rimedi . 66
 — remedi. aurifici . 281
 Graaff, R. de, de clysteribus . 97
 Graba, J. A., ελαφογραφία . 322
 Grabacher, A., venena narcotica . 170
 Graberg, J. E., de lithonripticis . 164
 Gräberg de Hemsö, —, peste . 85
 Graef, J. F., juglans regia . 531
 Graefe, A. v., tannin . 720
 Graeger, J. N., de asaro . 270
 Graeuwen, P., antacida . 127
 Graf, S., de cort. Peruviano . 353
 Graff, K., moselwein . 744
 Graffenauer, J. P., camphre . 302
 — succin . 701
 Grafstrom, C. J., kaffe . 372
 Graham, C. W. M. S., adstrin-
 gentia . 139
 Graham, J., Bath waters . 783
 Graham, T. J., scarlet fever, &c. . 224

- Graham, W. B. C., iodinum . . . 517
 Grahe, F., chinarinden . . . 355
 Grainger, J., ptyalismus . . . 488
 Gramannus, J., purgantia . . . 175
 Gramm, —, cort. Peruvianus . . . 343
 Grancher, J., méd. tonique . . . 190
 Grandclément, J. M., ergot de blé 420
 — sève de Calabar . . . 619
 Grandean, L., absorption cutanée 82
 Grandjean, N., oxyde d'antimoine 244
 Granier, J. F., huile de pétrole . . . 290
 Grant, A., bael . . . 206
 — opium . . . 589
 Granville, A. B., counter-irritation 146
 — ergot of rye . . . 412
 — hydrocyanic acid . . . 507
 — malambo bark . . . 554
 — sumbul . . . 706
 — spas of England . . . 778
 Grashuis, J., colica pictonum . . . 629
 Grasset, J., médication vomitive . 158
 Gratarolo, G., vinum . . . 740
 Grattenauer, J. F. W., vomitus . . . 43
 Grau, J. D., emollients . . . 159
 Grav, G., majorana . . . 600
 Gravenhorst, J. A. C., cinchona . 348
 Graves, R., Nottingham waters . 798
 Gray, J., St. Clair, strychnia . . 696
 Gream, G. T., anæsthetics . 111, 114
 Greding, J. C., narcotica . . . 169
 Green, H., bronchial inject. . . 101
 — on croup . . . 192
 Green, J., fumigating baths . . . 87
 — mercurial fumigation . . . 483
 — sulphur baths . . . 703
 Greenfield, J., see *Groenevelt, J.*
 Greeves, A. F. A., Ilkeston waters 798
 Grégoire, H., quinine . . . 652
 Gregory, W., de vegetab. alkalinis 108
 Greig, R., digitalis . . . 403
 Greiner, G. F. C., narkotische mittel 170
 Greiselius, J. G., cura lactis . . . 537
 Gresely, L., sangues . . . 462
 Greslon, G., injections . . . 99
 Gresner, W. L., aether . . . 109
 Gress, F. A. W., febres intermit. 156
 Gretscher, J., de vino myrrhato, &c. 572
 Greuell, A. M. C., kystes sébacés . 244
 Grevin, J., antimoine . . . 234
 Grew, N., de sale cathartico, &c.
 (Epsom water and salts) 553, 790
 Grewe, T., de antiseptics . . . 133
 Gries, F. H., veratria . . . 786
 Griesinger, W., psychischen krankh. 47
 Griffa, M. S., de muriat. baritæ . 286
 Griffin, A. R., fucus edulis . . . 444
 Griffin, C., de camphora . . . 301
 Griffin, J. T., potio frigida . . . 758
 Griffin, W. and D., med. problems 595
 Griffith, C., on hepatitis . . . 494
 Griffiths, W. H., chemistry and
 therapeutics . . . 34
 — prescriptions . . . 81
 Grignon, G., hydrate de chloral . 327
 Grill, N., manganèse . . . 555
 Grilli, F., idroterapica marina . . 774
 Grillot, T., tartre stibié . . . 242
 Grimaud, F. E., camphre . . . 303
 Grimaux, E., haschisch . . . 305
 Grimberg, N., balsamica . . . 139
 Grimman, J. N., coffea . . . 369
 Grinshaw, T. W., tea . . . 729
 Grindel, D. H., china-surrogate . 359
 — blausäure . . . 506
 Griois, F. J. B., charbon . . . 310
 Gris, E., comp. ferrugineux (2) . 433
 Grisar, —, aetherischen oele . . . 173
 Griscorn, J. H., materia medica . 31
 — apocynum cannabinum . . . 246
 — tobacco . . . 719
 Grisolle, A., maladies de plomb. 630, 631
 Grobon, L., arsenic . . . 261
 Grodvolle, P., alcoolisme . . . 218
 Groebenschütz, A., strychnia . . . 694
 Groenevelt, J., diss. lithologica . 164
 — on the stone, &c. . . . 164
 — cantharides 305
 Groffe, A., antiphlogistica . . . 131
 Grohnwald, C., stickstoffoxydul . 582
 Gronovius, J. F., camphoræ his-
 toria 300
 Groot, G. C., virt. chamæmeli . . . 232
 Gros, B. F., de moscho . . . 571
 Gros, —, alcool . . . 215
 Groshans, G. P. F., therapie . . . 20
 Grosoli, G., chinina . . . 656
 Grosourdy, —, iodure de fer, &c. 436
 Gross, H., secale cornutum . . . 418
 Gross, J., eau . . . 764
 Gross, S. D., surgery . . . 38
 Gross, S. W., atropia poisoning . 278
 Grosse, L., affusions . . . 768
 Grötzner, C., krampf . . . 43
 Groussin, L. J., quinquina . . . 353
 Grove, J., sulphur in cholera . . . 703
 Grube, H., med. facult. cognos. . . 71
 — analysis mali citrei . . . 363
 Gruelmann, J. C., camphora, &c.
 301, 347, 381
 Grueno, J., camphora . . . 301
 Gruhlmann, J. G., herniaria . . . 460
 Gruling, F., de sudoriferis . . . 147
 Grünbaum, E., diabetes . . . 52
 Grünberg, F., succinum . . . 700
 Gründler, T. F., aqua . . . 759
 Grüenthal, A. F. W., lithontrip-
 tica 166
 Gruner, C. G., medicamenta . . . 73
 — via conscribendi . . . 78

- Gruner, C. G., guaiacum . . . 456
 — hirudines . . . 461
 — borax . . . 686
 Grüner, F. J., gift-sumach . . . 662
 Grüner, T., acid. pyro-tartaric. . . 721
 Grynfeldt, J., collodion . . . 377
 Gsell, J., cantharides . . . 308
 Qualla, B., chinina (2) . . . 653
 Guarguantus, H., mechioacan . . . 559
 Guarinonius, H., hydrœnogonia . . . 742
 Gubler, A., thérapeutique . . . 31, 32
 — journ. de thérapeutique . . . 58
 — eucalyptus globulus . . . 425
 — paralysie saturnine . . . 632
 — bromohydrate de quinine . . . 657
 — mercure . . . 811
 Guéde, E. A., chloroforme . . . 331
 Gueneau de Mussy, N., thérapent. . . 29
 Guenel, A., mercure . . . 486
 Guenste, F. G. H., de berberino, et columbino . . . 287, 299
 Guenz, J. W., salix . . . 670
 Guérard, —, seigle ergoté . . . 413
 Guerard, A., médicaments . . . 67
 Guéraud, D., acét. de plomb. . . 628
 Guerick, J. E. T., sulph. antimouii . . . 245
 Guerin, B. M., perchlor. de fer . . . 438
 Guérin, E., alcool . . . 215
 — quinquina . . . 355
 Guérin, H., irritations encéphal. . . 43
 — aliénation mentale . . . 43
 — fièvre intermittente . . . 44
 — acide hydrocyanique . . . 508
 Guering, F. A., vinum . . . 743
 Guerreschi, C., china . . . 354
 Gufferi, J. J., see *Cuffari, J. J.*
 Guglielmi, D., citr. di ferro . . . 436
 Guglielmi, G., china-china . . . 351
 Guibert, N., acét. de balsamo . . . 283
 — de murrhinis . . . 572
 Guibert, T., valériane . . . 736
 Guibert, V., nouv. médicaments . . . 26
 Guibourt, N. J. B. G., cachou, kino . . . 321, 445, 583
 — térébenthines . . . 723
 Guibourt et Henry, sangsues . . . 464
 Guichard, A., injections utérines . . . 90
 Guichard, L., phosphate de chaux . . . 298
 Guichard, V. A., brom. de potass. . . 642
 Guidé, P., vin rouge . . . 742
 Guidott, F., thérmae Britannicæ . . . 775
 — Bath waters (2) . . . 781
 — Sadler's wells . . . 724
 Guignès, G., iode . . . 524
 Guilbert, — cantharides . . . 308
 Guilbert, — (chlorure) . . . 328
 Guilbert, A. M. D., soufre . . . 708
 Guilbert, J. N., purgatifs . . . 179
 — sangsues . . . 463
 Guilhaumon, — febrifuges . . . 320
 Guillaud, A. J., aconit . . . 205
 Guillaud, H., ergotisme . . . 419
 Guillaumet, P., sulfure de carbone . . . 314
 Guillemin, J. F., thérapeutique . . . 26
 — effets thérapeutiques . . . 69
 Guillemin, N., de antiscorbuticis . . . 133
 — de aphrodisiacis . . . 138
 — de adstringentibus . . . 138
 Guillemot, A., arnica . . . 256
 Guillet, A. D., alcool en chirurgie . . . 212
 Guilliermond, A., quinquina . . . 354
 — opium . . . 597
 Guillot, A. L. M., savon noir . . . 674
 Guillot, J. L., cantharides . . . 307
 Guillot, L., sudorifera . . . 148
 Guipon, —, perchlor. de fer . . . 440
 Guisard, E., copaiba . . . 385
 Guitard, —, hypodermique . . . 90
 Guiton, E., quinine . . . 655
 Guizot, A., cantharides . . . 309
 Guleke, A., magnesia usta . . . 553
 Gulielminus, D., de salibus . . . 183
 Gully, J. M., revulsion . . . 146
 Gumpertz, B. P., febres intermitt. . . 130
 Günsberg, F., therapie . . . 24
 Günther, B. L., de lacte . . . 538
 Günther, G. B., aqua . . . 764
 Günther, J. J., zucker . . . 668
 Güntz, J. E., quecksilber . . . 486
 Günzburg, L., respirat. krankh. . . 50
 Gury, F. A., datura . . . 399
 Gust, —, tabacum . . . 715
 Guttierrez de Godoy, —, aqua . . . 755
 Guttorff, F. E., oleum vini . . . 743
 Gutzeit, —, hydrocele . . . 249
 Guy, W. A., therapeutics . . . 24
 Guyon, —, quinquina . . . 353
 Guyochin, C. G., quinine . . . 654
 Guyot, —, lac (milk) . . . 536
 Guyot, E., injections utérines . . . 99
 Guyton, M., chloroforme . . . 111
 Guyton-Morveau, —, désinfectants . . . 150
 Haack, C. C. G., cort. Peruvianus . . . 349
 Haan, J., de spiritu viui . . . 199
 Haar, J. van der, cicuta . . . 380
 Haas, W. A. C., analysis castorei . . . 320
 Haase, A., viola tricolor . . . 746
 Haase, D. G. A., hydrargyrum . . . 480
 Haase, J. G., opium . . . 588
 Haase, W. A., rubifacientia . . . 183
 — de digitali . . . 403
 — St. Ignatii faba . . . 697
 Habedank, F., de febrifugis . . . 162
 Habershon, S. O., mercury . . . 492
 Hachereille, J., tannin . . . 720
 Hacke, J. G., de sale ammoniaco . . . 226
 Hacquart, P., thérapeutique . . . 34
 Haden, C. T., colchicum . . . 374
 Hadley, H., de balsamo Peruviano . . . 285

Haecht, W. J. v., camphora	302	Hamberg, N. P., om komjolk, &c.	540
Haemmerlen, D. A., de fuco bel- minthochorto	625	Hamberger, G. E., gangræna	40
Haen, A. de, colchique	374	— medicamenta	63
— cicuta	380	— anodyna	126
Haenel, C. H., de camphora	301	— de emollientibus	159
Haertl, L., quassia	647	— de hypnoticis	169
Haertelius, C. A. T., stimulantia	184	— de attrahentibus	182
Haes, J. van, opium	589	— opium	587
Haese, C. S., de secali cornuto	414	Hamburger, E., cholera	106
Hagen, C. G., cardamine pratensis	318	Hamburger, W., mutterkorn 418, 419	
— etannum	693	Hamdy, A., propylamine	644
Hagen, R., therapie	28	Hameau, —, bain de mer	771
— kinderkrankheiten	50	Hamelbeck, H. G., balnea maritima 773	
— carbolsäure	312	Hamilton, J., on purgatives	179
Hagenbach, E., wasser	768	Hamilton, J. (jun.), mercurials	479
Hagendorn, E., catechu	321	Hamilton, R., mercury and opium 493	
— cynosbatologia	664	— opium	599
Hagentorn, W., convolvulus	384	— nicotiana	714
Hager, J. J., de salivatione	487	Hamilton, W., digitalis	402
Hager, M., therapie	807	Hammer, A., schwefeläther	108
Hagg, A. N., mercurialia	472	Hammerer, J. C., καθαρολογια	177
Hahn, G., sur l'aconit	204	Hammerin, P., vires plantarum	62
Hahn, J., enemata	98	Hamon, L., injectionsous-cutanees 89	
Hahn, J. D., de lacte	539	Hampe, C., chloroform	114
Hahnemann, S., de virib. medica- mentorum	65	Hanbury, D., hist. of manna	557
— arsenikvergiftung	263	— parcira brava	607
— kaffee	371	Hancock, J., oxide of nitrogen	581
— helleborus	459	— sibura	680
— quecksilber	475	Hancock, J., febrifugum magnum 756, 757	
Haicke, E. F., de hydrargyro	480	Handelin, —, mutterkorn	421
Hainaut, —, alcoolature d'aconit 204		Handley, J., animal economy	62
Haindorf, A., therapie d. gemüths krank.	41	Handschuch, K. F., fumaria	445
Hajo de Bruin, —, nux vomica	698	Handtwig, G. C., bryonia	292
Hale, E., venous injection	91	Handy, H., opium	590
Hale, G. P., see Hayle, G. P.		Hankel, F., phosphorus	613
Hales, C., salivation	488	Hannay, A. J., antimon. tart.	241
Hales, S., solvent for stone	167	Hannes, C. R., folia aurantium	363
— tar water	623	Hanniel, N., veronica	739
— chalybeate waters	776	Hannon, J. D., manganèse	555
Halford, G. B., injection of am- monia	225	Hansen, A. C., ricini oleum	663
— snake-bites	225	Hansen, C. P. M., remed. hæmor- rhag.	187
Hall, Marshall, Gulstonian lec- tures	17	Hansen, V., salpetersäure	578
Hallays, F., diluentia	149	Hardegg, L. F., arsenicum	258
Hallé, —, campbre	301	Hardman, E., rheumatism	257
Halle, M., méphitisme	316	Hardtman, —, de tartaro antim.	240
Halleck, H. W., bitumen	290	Hardy, —, quinquina en Algérie 361	
Hallenberg, G., dulcamara	689	Hardy, E., digitaline	406
Haller, A. (?) oleum animale	534	Hardy, M., iodure de mercure	502
Haller, J. A., de pipere cubebu	391	Hardy, S. L., chloroform, local application	124, 125
Hallet, W., de argento vivo	469	Hare, E., on fever, dysentery, &c. 98	
Halliday, A., bebeeru tree, &c.	286	Harel du Tancrel, A., phthisie	44
— memorial	494	Hargrove, E., Harrowgate waters 792	
Hallmann, J. G., de moxæ usu	268	Harlan, R., hieraceum	460
Halmagrand, —, quinite	658	Harles, C. F., dysenteria	41
Halpin, W. A., Cheltenham waters 788		— datura	398
		— arsenicum	257
		— tabak	716

- Harless, E., schwefeläther . . . 108
 Harley, G., atropine . . . 278
 — Calabar bean . . . 618
 — strychnine (2) . . . 695
 Harley, J., vegetable neurotics
 171, 277, 382, 512, 597
 — aconitia . . . 205
 — *æthusa cynapium* . . . 207
 Harmand, A., anesthésiques . . . 120
 Harmand de Montgarny, J. B.,
 bryone . . . 292
 Harmant, —, charbon allumé . . . 311
 Harmens, G., de nitro . . . 638
 — de sulphure . . . 702
 Harment, L. N., opium . . . 595
 Harmes, L., de cornu cervi . . . 323
 Harn, J. S., wasser . . . 758
 Harnier, A., *cynanchum vincetox.* . . . 396
 Harnisch, J. A., *pimpinella nigra* . . . 621
 Harnisch, W., remedia . . . 67
 Harris, E., disinfectants . . . 151
 Harris, T., crude mercury . . . 469
 Harrison, E., de opio . . . 589
 Harrison, J., fixed air . . . 316
 Harrison, J. B., lead . . . 631
 Harrison, J. P., therapeutics . . . 20
 Harrison, R. E., congelation . . . 125
 Harleben, C. F., cortex Winteri . . . 749
 Hart, B., Barbadoes rock oil . . . 290
 Hart, C., de cortice Peruviano . . . 342
 Hart, J., zincum . . . 750
 Hart, T., sulphuric baths . . . 703
 Hartjens, J. W., de cort. Peruviano . . . 344
 Hartley, D., lithonriptica . . . 164
 — solvent for stone . . . 167
 Hartmann, —, acida . . . 101
 Hartmann, B., acid. vitriolicum . . . 705
 Hartmann, C. J., de krameria . . . 535
 Hartmann, F., therapie . . . 30
 — chloroform . . . 115
 Hartmann, F. X., formulæ, &c. . . 77
 Hartmann, H. E., de antimonio . . . 236
 Hartmann, J., de opio . . . 585
 Hartmann, J. B., de hirudine . . . 461
 Hartmann, M. P., succinum . . . 700
 Hartmann, P. C., therapia (2) . . . 15
 Hartmann, P. I., camphora . . . 302
 — de cort. Peruviano . . . 348
 — cicuta . . . 381
 — daphne gnidium . . . 397
 — hist. gentianæ . . . 448
 — de gratiola . . . 452
 — de helleboro . . . 458
 — salix (2) . . . 670
 — sedum acre . . . 677
 — uva ursi . . . 735
 Hartman, P. J., mercurius . . . 471, 473
 — de mercurio dulci . . . 493
 — succinum (2) . . . 700
 — zincum . . . 750
 Hartmann, S. A. F., de pichuri . . . 620
 Hartshorne, H., mem. medica . . . 27
 — glycerine . . . 451
 — water . . . 765
 Hartrodt, A., alkaloide . . . 103
 Hartung, C., medicamenta . . . 60
 — cinchona . . . 351, 359
 Hartung, E. H., alcaloidea . . . 103
 Hartung, V., de lacte, &c. . . 536
 Hartwich, H., potassæ sulphas . . . 639
 Hartwig, G., seebad . . . 772
 Harvey, A., materia medica . . . 25
 Harvey, Gideon, Jesuit's bark . . . 339
 — opium . . . 586
 Harvey, J., hypodermic treatment . . . 88
 Harwood, J., inhalations . . . 93
 Harz, C., oele in den oliven . . . 583
 Haschke, C. F., cort. Peruvianus . . . 352
 Haskey, H., de ferro . . . 432
 Hassel, J. G. F., chlorurets . . . 143
 Hassewicz, S., chloral . . . 325
 Hassing, M., kali hydriod. . . 519
 Hast, H. R., de caryophyllis . . . 319
 Hastings, (Sir) C., Worcestershire . . . 803
 Hastings, J., naphtha . . . 574
 — excreta of reptiles . . . 679
 Hatot-Rosière, N. F., opium . . . 594
 Hatté, J. B., saccharum . . . 667
 Hatwig, C. A., antimonium . . . 238
 Hauer, C. R. v., cadmium-salze . . . 292
 Haufe, A. O. T., calomelas . . . 496
 Haughton, S., nicotine and strychnine . . . 576
 Hauk, G. G. P., angustura . . . 231
 Hauksbee, F., alteratives . . . 106
 Haupt, F. T., sal. seignette . . . 640
 Hauschka, D. J., therapie . . . 24
 Hauser, J. K., de colchico . . . 375
 Haussen, L. P., extr. lactucæ . . . 546
 Havighorst, J., mercurius dulcis . . . 493
 Havinga, J. R., de arsenico . . . 257
 Hawes, W., James's powder . . . 245
 Haycraft, G. T., de sedantibus . . . 184
 Hayle, G. P., cantharides . . . 307
 Hayward, G., anæsthetics . . . 113
 Hayward, J. W., Trefriw spa (2) . . . 882
 Headland, F. W., action of medicines . . . 68
 — poisoning by aconite . . . 204
 Healde, T., oleum asphalti . . . 289
 Hebenstreit, J. E., pædagogia therapie . . . 4
 — facultates plantarum . . . 72, 73
 — alterantia . . . 106
 — mineralia . . . 167
 — prophylaxis . . . 173
 Hébert, L., alcool . . . 213
 Hechenberger, J. G., colocynth . . . 378
 Heckel, —, nouveaux médicaments . . . 70, 71

- Heckel, E., moule 811
 Hecker, A. F., therapia generalis 5
 — therapie 7
 — therapia chirurgica 37
 Hecker, J. L., succinum 701
 Hecquet, P., abus des purgatifs 178
 — médecine naturelle 184
 — opium 587
 — nicotiana 712
 Heder, C. A., de hedera 450
 Heering, A., de iride 529
 Hegar, A., placentarretention 51
 Hegardt, C., ficus 442
 Hegewisch, F. H., hydrargyrum 477
 Hegner, R., citronensaft 365
 Heidecke, H., pethum 712
 Heidenreich, F. W., therapeut-
 ische physic 22
 Heidler, C. J., kohensäure gas 317
 Heigel, A., opium 586
 Heilmann, C., zinci chloras 751
 Heilmann, F., de oleosorum usu 171
 Heim, E. L., arsenik 257
 Heim, E. M. A., mercurialkrankh. 491
 Heimreich, E. F. J., pimpinella alba 621
 Heindl, A., chlor 330
 Heine, J. F. E., de adstringentibus 138
 Heineke, C. F., hist. martialium 432
 Heinrich, C. R., krankheit d. milz 47
 Heinsius, E., de purgationibus 177
 Heise, C. J., cort. Peruvianus 345
 Heister, L., febres 40
 — de aurantiis 363
 — de cydoniis 396
 — de amarusi 487
 Heitzman, C., chirurg. therap. 39
 Hekimian, M., eau 763
 Helbach, F., œnographia 741
 Held, C. A., cort. Peruvianus 345
 Hellenius, C. N., de cichorio 336
 — hypericum 513
 Heller, A. F., naphtha 574
 Heller, H. L., acide hydrocyanique
 (2) 508
 Hellmann, M., hyoscyamin, &c. 512
 Hellmuth, L. C., senega 678
 Helmbold, —, de aere fixo 315
 Helme, E., gangrène 639
 Helmich, A. H. A., ol. vitrioli 705
 Helvetius, G. J. A., effus d'alum 220
 Helvetius, J. C. A., (ipocacuanha) 526
 — fièvres (opium) 586
 Helwig [Helvigius], C., formulæ
 præscrib. 77
 — de antimonio 236
 — de auro 281
 — de ligno Brasiliensi 292
 — de creta 296
 — de cort. fraxini 444
 Hemmer, G. W., de scarlatina 174
 Hemming, J., Gloucester waters 791
 Hempel, F., chlor 329
 Henckel, C. F. W., aqua 763
 Henderson, A., history of wines 744
 Henderson, F. C., moxa 270
 Henderson, J., cerayta 325
 Henderson, W., alcohol 209
 Hendich, P., sudorifera 148
 Hendrie, J., chloride of zinc 752
 Hendy, J. A., de digitali 401
 Henelle, —, morphine, &c. 564, 575
 Henke, A., opium 591
 Henke, C. T., see *Menke, C. T.*
 Henkel, N., ipocacuanha 528
 Henle, F. G. J., narcein 575
 Henneus, J. C., diaphoretica 148
 Hennig, C. L., opium 590
 Henninger, J. S., de millefolio 201
 — de aniso 232
 — sperma ceti 323
 — viola 746
 Henoeh, E., kinderziekten 51
 Hénot, —, étherisation 108
 — chloroforme 330
 Henrici, H., cortex china 340
 Henricke, G. A., tabac 718
 Henriques, A., cholera 48
 Henry, A., therapeutic tables 36
 Henry, A. T. T., vires medicamen-
 torum 64
 Henry, F. O., tannin 720
 Henry, O., acide cyanhydrique 510
 — manioc amer 556
 — tannate de quinine 657
 Henry, T., magnesia, &c. (2) 552
 Henry, W., disinfection 150
 Henschel-Zehdenick, L., chloroform 112
 Henschell, A. A., de arsenico 259
 Hensler, P. G., therapie 8
 Hensmann, P. J., opium 593
 Hentschel, G., de sero lactis 543
 Hentzfeld, H., nicotiana 716
 Héraud, A. F., gélatine 448
 Herbert, F. E., succéd. duquinquina 360
 Herbert, H. N., cassava amara 555
 Hergt, F., opium 592
 Herholdt, J. D., vires medicament. 74
 Herilacus, P., aqua, vinum 742
 — aqua 756
 Hering, J. E., de uva 748
 Herissant, F. D., acetum 200
 Herland, L., hygiène et therap. 52
 Herlin, J. H., sudorifera 147
 Herlitz, A. I. G., purgantia 178
 Herla, C., moschus (2) 570
 Herman, —, rosa 664
 Hermann, E. L., acid. sulphuricum 705
 Hermann, J., remedia 62
 — mercurialkur 484
 — quecksilber 486

- Hermann, J., mercurialkrankh. . . 492
 — syphilis . . . 484
 Hermann, J. H., de cymbalaria . . . 549
 Hermanowicz, P., blepharite . . . 55
 Herment, —, opium . . . 587
 Herment, J., tabacum . . . 713
 Herold, N. B., phosph. mercurii . . . 504
 Herpin, J. C., vapeurs du charbon . . . 311
 — acide carbonique . . . 317
 — ampélothérapie (2) . . . 749
 Herpin, T., chlorate de potasse . . . 636
 — lactate de zinc . . . 752
 Herr, A., arzneiwirkung. . . . 67
 Herrenschwandt, J. F., mercurius . . . 470
 Herrgott, F. J., chloroformisation . . . 120
 Herrichen, J. G., thea . . . 726
 Hersfeld, St. de, aqua . . . 758
 Hert, J. C., pimpinella saxifraga . . . 621
 Hertodt, J. F., crocologia . . . 389
 Hervieux, E., l'eau chlorurée . . . 330
 — sangsuca . . . 464
 Herzer, K. H. L., de fuco crispo . . . 335
 Herzog, F. W., de ippecacanha . . . 528
 Hes, J. H., faba pichurim . . . 620
 Heslop, T. P., alcohol . . . 217
 Hessberg, M., anæsthesia . . . 117
 Hesse, F., chloral . . . 327
 Hesse, F. C. H., evacuantia . . . 161
 Hesse, W. G., de diaphoreticis . . . 148
 Heubel, E., bleivergiftung . . . 633
 Heucher, J. H., camphora . . . 300
 Heukenius, F. J., de carbone . . . 310
 Heunius, J., vide *Hevnius, J.*
 Heusinger, C. F., castoreum et
 moschus . . . 321, 572
 Heusinger, H., rhus, sp. of . . . 662
 Heusinger, T. O., ergotismus . . . 419
 Hévin, E., quinquina . . . 355
 Hévin, M., therap. chirurg. . . . 37
 Hevnius, J., de hirudinibus . . . 460
 Hewson, A., carth . . . 409
 Hoy, G., on mercury . . . 470
 Heyck, J. H. W., aqua . . . 764
 Heydeck, H., opium . . . 586
 Heyden, H. van der, speedy help,
 &c. . . . 199, 543
 — serum lactis, aqua, &c. . . . 756
 — arthritifugum magnum . . . 757
 Heydenreich, C. F., clysmata . . . 98
 Heyerdahl, V., chloroform . . . 332
 Heyfelder, J. F. M., schwefeläther . . . 111
 Heyland, J. A. H., rad. cainca . . . 293
 Heymann, C. F., moxa . . . 269
 Heymann, S. L., krankh. in d.
 tropenländern . . . 48
 Hiaerne, U., de xylobalsamo . . . 284
 — analysis liehen. island . . . 323
 Hieckes, J. H., de epispasticorum
 usu . . . 194
 Hiemstra, S. T., de ferro . . . 432
 Higginbottom, J., nitrate of silver
 . . . 250, 253
 Higgins, B., acetous acid . . . 200
 Higgins, C., altérants . . . 106
 Hilbeck, F. A., de iodio . . . 518
 Hildebrand, —, sternutatoria . . . 184
 Hildebrand, A. F., sapo . . . 674
 Hildebrand, C. A., de auri usu . . . 282
 — chlorosis . . . 43
 Hildebrand, J. V. ab, therapia . . . 8
 Hildebrandt, E., antiphlogistica . . . 131
 Hildebrandt, G. F., quecksilber . . . 476
 — mercurius dulcis . . . 493
 Hill, D., oxygen . . . 602
 Hill, Sir J., agrimony . . . 208
 — burdock root . . . 243
 — centaury . . . 323
 — hemlock . . . 381
 — petasite root . . . 609
 — polypody . . . 634
 — water dock . . . 666
 — sage . . . 672
 — snuff-taking . . . 714
 — wild valerian . . . 735
 Hillairet, A., colique de plomb . . . 633
 Hillairet, J. E., arsenic (toxicol.) . . . 266
 Hillary, W., Lincomb spa . . . 796
 Hille, C. F., actio plantarum, &c. . . 63
 Hiller, J., de tart. stibiat. . . . 242
 Hiller, J. C. T., de colocynthide . . . 378
 Hiller, J. H., de sternutatoriis . . . 184
 Hilscher, S. P., diluentia . . . 149
 — de castoreo . . . 320
 — coffea . . . 370
 — de æthiope minerali . . . 504
 Himley, C., jusquame . . . 511
 Himly, F. C., belladone . . . 373
 — caoutchouk . . . 309
 Hink, J. A., arsenik . . . 259
 Hippel, A. v., strychnin . . . 696
 Hippocrates, de med. purgatoriis . . . 174
 Hird, W., de lacte . . . 533
 Hirne, —, hydrate de chloral . . . 327
 Hirsch, A. G., arsenik (toxicol.) . . . 266
 Hirsch, G., de antifebrilibus . . . 163
 Hirsch, M., schwefelammonium . . . 704
 — weintraubenkur . . . 743
 Hirschfeld, H., lactuca . . . 546
 Hirschwald, A., chinin . . . 653
 Hirtz, —, médicaments . . . 69
 — diurétiques . . . 154
 Hirtz, A., huile de foie de morne . . . 567
 Hirzel, H. C., opium . . . 596
 — nux vomica . . . 699
 Hisleschalière, C., quinquina . . . 351
 Hitzig, E., bleivergiftung . . . 633
 Hlasiwetz, H., arbutin . . . 243
 — catechu . . . 321
 — rinde china nova . . . 354
 — ononis spinosa . . . 584

- Hochberz, L., cort. Peruv. substit. 358
 Hochstetter, C. H., revulsio . . . 144
 Hocken, E., syphilis . . . 482
 Hocken, E. O., naphtha . . . 574
 Hodges, J., de oxygenio . . . 603
 Hodoul, C. M. J., diète lactée . . . 542
 Hoefler, F., platine . . . 625
 Hoefler, H. F., de sale sedativo . . . 686
 Hoernigk, L. v., de camphora . . . 300
 Hofer, F. J., kaffee . . . 371
 Hoffman von Hofmansthal, I.,
 caruba de Giudea . . . 621
 Hoffmann, C., medicamenta . . . 60
 Hoffmann, C. L., de attrahentibus 182
 — quecksilber . . . 476
 Hoffmann, F., fundam. therapia . . . 3
 — vira med. explorand. (2) . . . 72
 — anthelmintica . . . 127
 — de balsamicis . . . 139
 — metalla (2) . . . 167
 — de purgantibus (2) . . . 177
 — sternutatoria . . . 184
 — de *σχαμους* . . . 186
 — de topicorum usu . . . 190
 — de millefolio . . . 202
 — cinnabar antimonii . . . 236
 — de balsamo Peruviano . . . 285
 — de usu camphoræ . . . 300
 — de caryophyllis . . . 319
 — de sphacelo . . . 319
 — de china-china . . . 339, 341
 — de acido vitrioli vinoso . . . 423
 — de bile . . . 429
 — de mercurio . . . 468
 — de cinnabari . . . 497
 — æs's milk . . . 538
 — de sero lactis . . . 543
 — de manna . . . 557
 — de opio . . . 586
 — de nitro . . . 637
 — saccharum . . . 667
 — veronica . . . 739
 — vinum Rhenanum . . . 742
 — vinum Hungaricum . . . 742
 — aqua (2) . . . 756, 758
 — mineral waters . . . 775
 Hoffmann, G. F., lichens . . . 548
 Hoffmann, J., stern-anis . . . 514
 Hoffmann, J. A., aqua . . . 758
 Hoffmann, J. C., blei . . . 627
 Hoffmann, J. M., mercur. sublimat. 499
 Hoffmann, K. H., opium . . . 596
 Hoffmann, L., ergotine . . . 421
 Hoffmann, P., therapie . . . 5
 Hoffmann, T., de vesicator. usu . . . 194
 Hoffmann, W., alcaloide . . . 104
 Hoffmann, W. C., de salivatione . 487
 Hoffwienius, P., de manna . . . 557
 Hofmann, A. W., terapeutica . . . 35
 — Harrogate waters . . . 792
 Hofmann, C., acid. vitrioli . . . 705
 Hofmann, M., ptarmographia . . . 3
 Hofstetter, J. A., zinnober . . . 497
 — opium . . . 587
 Hoft, W. T., camphora . . . 302
 Hogg, T. P., huile de foie morue (2) 569
 Hollstein, C. H., rhabarbarum . . . 659
 Hollstein, E., antiphlogistica . . . 131
 Hollyng, E., medicamenta . . . 60
 Holm, T., anagallis . . . 229
 Holmes, C. L., ergot de seigle . . . 420
 Holmes, H., cholera (2) . . . 604
 — Sunning Hill wells . . . 801
 Holmes, R., bignonia catalpa . . . 288
 Holst, F., de acido nitrico . . . 578
 Holtzbohm, A., mandragora . . . 277
 Holtzemius, P., helleborus (2) . . . 458
 Homberg, J. D., Peruvian. rinde . . . 345
 Hombergk, J. P., de marte . . . 430
 Hombourg, T., camphre . . . 304
 Hombron, J. B., arsenic (toxicol.) . . 265
 Home, F., Dunse-spaw . . . 789
 Home, R., on solvents . . . 165
 Homolle, A., huile de foie de morue 568
 Homolle, E., digitaline (2) . . . 406
 — E. et G., digitale . . . 408
 — et Quevenne, digitaline . . . 405
 Hönerköpff, S. A., kupferoxyd . . . 393
 Honigberger, J. M., quassin . . . 647
 Honnorat, S. J., cantharides . . . 308
 Honold, C., narcotica . . . 170
 Honserbrouck, — van, réfrigération 182
 Hontang, C., opium . . . 594
 Hood, P., scarlet fever . . . 652
 Hood, S., analyt. physiology . . . 191
 Hooker, W., therapeutics . . . 25
 Hooker, W. D., cinchona . . . 354
 Hoppe, J., 'Journ. für Pharm.' . . . 807
 Hoppe, J. G., de morphio, &c. . . 563
 Horand, M. A., pulvér. de l'éther . . 126
 — et Peuch, chloral . . . 327
 Horbius, C. J., china-china . . . 339
 Horn, B. L. K. G., chloroform . . . 116
 Horn, C. F., de cantharidibus . . . 306
 Horn, E., opium . . . 591
 Horn, F. H., cholera . . . 510
 Horn, G., on leeches . . . 461
 Horn, G. C., de salivatione . . . 487
 Hornby, J., alcoholic liquors . . . 216
 Horne, R. D. de, mercure . . . 472, 473
 Horneman, C. J. E., calomelas (2) 496
 Horner, J., sea water . . . 773
 Hornius, C., de auro . . . 279
 Horsburgh, W., Hartfell spaw . . . 793
 Horsch, P. J., therapie . . . 7
 Horsfield, T., planta Javanica . . . 223
 — rhus, sp. of . . . 661
 Horsley, W., Pitcaithly waters . . . 799
 Horst, G., de secali cornuto . . . 414
 Horst, J. G., de moxa . . . 268

- Horstius, G., therapeutica . . . 2
 Horstius, J., vitis vinifera . . . 748
 Horteloup, —, calomel . . . 497
 Hosack, D., emetics . . . 157
 — ergot . . . 413
 Hosch, F., atropin . . . 278
 Hoskins, E. B., therapeutics . . . 25
 Hoskins, S. E., vesical calculus . . . 166
 Hottot, E., aconitine . . . 204
 Houbine, J. M., miel . . . 560
 Houlston, T., on poisons, &c. — Liverpool spa . . . 474
 — . . . 795
 Housden, J. van, diuretica . . . 153
 Houssaye, J. G., thé . . . 729
 Houston, J., nitric acid . . . 578
 Houston, W., coutrayerva . . . 384
 Houzé de L'Aulnoit, caoutchouc — ricin . . . 310
 — . . . 663
 Houzelot, P. C. X., anesthésic . . . 114
 Hoven, F. W. v., chinarinde . . . 348
 Howard, J., mercury . . . 474
 Howard, J. E., quinologia . . . 356
 — quinology of, E. I. . . . 361
 Howard, R., salt (2) 688
 Höyberg, W., manna scripturæ . . . 558
 Hoyer, J. H., vires vini . . . 744
 Hruschka, W., del ferro . . . 434
 Huard, A., seigle ergoté . . . 415
 Hubbenet, *see Huebbenet*.
 Hübener, E. A. L., therapie . . . 22
 — scrofula 50
 Huber, J. J., de cicuta . . . 380
 Hüber, J. S., *see Hueber*.
 Hubert, —, laminaria . . . 546
 Hubert-Valleroux, —, ciguë . . . 383
 Hübner, *see Huebner*.
 Huchard, H., bains froids . . . 769
 Huchédé, P. E. F., seigle ergoté . . . 413
 Hucherus, J., therap. puerorum . . . 39
 Hudemann, G. F., cicuta . . . 379
 — mercur. sublimat. . . . 499
 — phosphorus 612
 Hudson, J., medicinal leech . . . 464
 Huebbenet, C. de, de arsenico . . . 260
 Hueber, J. S., ipecacuanha . . . 527
 Huebner, G. F., de hyoscyamo . . . 512
 Hueser, F., de carice arenaria . . . 319
 Hufeland, C. W., pract. heilkunde . . . 8
 — belladonna 274
 — schwererde 285, 286
 — blausäure 508
 Hufeland, F., hæmorrhagia . . . 40
 Hughes, R., therapeutics . . . 32
 Hughes, W., the American physi-
 cian 730
 Huguin, L., sulfure de carbone . . . 314
 Huland, F., eau 768
 Hull, J., de cathartics . . . 179
 Hull, T., narcotica 169
 Hulleman, J., mercurialia . . . 478
 Hulme, N., remedy for stone, &c. 127
 — via calculum solvendi . . . 165
 — easy remedy for stone . . . 315
 Hülsenkamp, A. H., de æthere . . . 423
 Hülsenkamp, F. C., magnesia . . . 553
 Humann, J. G., malad. vénérien. 137
 Humble, A. H., de lactucario . . . 546
 Humpel, J. G., cantharides . . . 308
 Humphreys, J. D., consumption . . . 93
 Hunault, F. J., sauge 671
 Hundertmark, C. F., de enemate
 uterino 99
 — mercurius 471
 — saccharum saturni 626
 Hunderwolffius, J. A., pœonia . . . 605
 Hüneke, J. C. F., de chlori usu . . . 329
 Hünfeld, F. L., de vi arsenici . . . 259
 Hungerbyhler, —, ricini oleum . . . 663
 Hunt, T., mercury in syphilia . . . 483
 Hunter, A., inhalation 93
 — de cantharidibus 306
 — hydrocotyle Asiatica . . . 506
 — Buxton waters 786
 — Harrowgate waters (2) . . . 792
 Hunter, C., hypodermic method . . . 83
 — strychnia 696
 Hunter, D., mercury 480
 Hunter, F., de æthere 424
 Hunziker, R., sarsaparilla . . . 684
 Hureau, —, pulsatile noirâtre . . . 230
 Hurlebusch, G. L., zincum . . . 750
 Hurst, C., water 764
 Hurtado de Mendoza M., ratanhia 535
 — plumbago Europæa 620
 Huss, M., alkoholskrankheit. . . 211
 Husson, Adelon, &c., arsenic (toxi-
 col.) 260
 Hutchinson, B., tic douloureux . . . 435
 Hüter, C. C., geburtsperiode . . . 43
 Hutet, P., café iodé 524
 Huth, G. L., fieber-rinde . . . 343
 Hutten, U. v., gnaicum 453
 Hüttenschmid, G. F., Geoffroya . . . 230
 Huxham, J., on antimony . . . 237
 Huzé, G., lait 540
 Hyernaux, L., laminaria . . . 547
 Ibrólisle, —, arsenic 260
 Ichon, C., irrigation (eau) . . . 764
 Ideler, G. F., moxa 270
 Ilmoni, J., arnikan 258
 Imbert-Gourbeyre, A., aconit (2) 204
 — éruptions antimoniales . . . 239
 — arsenic 261, 263
 — huile d'oranges 364
 — ciguë 383
 — ipecacuanha 528
 — tabac 718
 Imfield, C., plumbum aceticum . . . 628
 Imlach, F. B., chloroform . . . 110

- Imlin, P. J., soda 685
 Immermann, H., wasser 768, 769
 Immermann, W., olea 172
 Inchado, A. D., quina quina 342
 India, F., hygiphilus 249
 Ingalls, W., scarlatina 45
 Inglis, A., medicinal agents 25
 Inglis, J., bronchocele 518
 Ingram, D., magnesia alba 552
 — Epsom waters 790
 Ingrassias, J. P., de purgatione 175
 Inozemtseff, —, the milk cure 540
 Insard, C., arsenic 260, 261
 — arséniate d'antimoine 262
 Irvine, G., de epispasticis 195
 Irving, R., de emeticis 156
 — red Peruvian bark 347
 Isaac, J. D., de salivatione 487
 Isambert, —, thérapeutique 30
 Isambert, E., chlorate de potasse 636
 Isambert, N. L., irrigations 768
 Isenflaum, J. F., plantæ med. 73
 Iser, F. S., phytotoxicologia 606
 Isnardi, P., de chamæmelo 232
 Ittner, F., blausäure 507
 Itzstein, M., gallensäure natron 445
 — granati cortex 646
 Izard, A. A., iodoforme 525
 Jablonowski, J., santonin, &c. 248, 436, 673
 — bebeerine, &c. 287
 Jackson, G., de affusione 762
 Jackson, H., tar water 623
 Jackson, J. B. S., the ether discovery 123
 Jackson, R., water 760
 Jackson, S. H., oak-bark 648
 Jacob, C., corallium 386
 Jacobi, C., de aloë 220
 Jacobi, F., mercur. sublimat. 500
 Jacobi, J. F., de bismutho 288
 Jacobi, L. F., carminativa 140
 — de antimonio stellato 236
 Jacobovics, M., anthrakokali 233
 Jacobs, J. C., rhabarbarum 660
 Jacobson, J., therapie 15
 Jacobus, I. (Rex.), see *James I.*
 Jacquème, C., globulaire 450
 — protoxyde d'azote 582
 Jacquement, —, huile de foie de morue 569
 Jacquemin, E. C., phosphore 613
 Jacques, E. A., prép. de fer 433
 Jaquet, —, antimoine 237
 Jacquin, N. J., oxalis 601
 Jadelot, J. F. N., bains sulfureux 702
 — formules 78
 Jaeger, C. F., arsenicum 257
 — de cantharidibus 306
 — cort. Peruvianus 346
 Jaeger, C. F., cambogia gutta 446
 — magnesia 552
 — smilax aspera 682
 Jaeknel, J. F., de gum. ammoniaco 227
 Jaenisch, N., spiritus vini 209
 Jaennel, J., eau 765
 Jägerschmidt, G. V., acetum canphoratum 302
 Jagu, A., nécrose phosphorée 617
 Jahn, G., med. externa 191
 Jaillard, —, bichromate de potasse 635
 Jakubowski, J., tart. emetic. 242
 James I, King, counterblaste 711
 — miscapnus 798
 James, J. H., chloroform, &c. 120
 James, R., James's fever powder 245
 James, S., willow bark 670
 Jameson, T., Cheltenham waters 788
 — diluents 149
 Jani, J. F., martialia 430
 Janière, L. E. F., tart. potass. ant. 240
 Janka, L., de strychniis 694
 Jansen, —, chinin 654
 Janzion, M., liq. alcooliques 209
 Jarnatowski, T., nicotina 717
 Jassoy, J., de aere fixo 315
 Jaumes, A., pharm. therap. 20
 — pathol. et therap. 32
 — blennorrhagie 140
 Jeanjean, P. G., arnica 255
 Jeannel, J., formulaire 32, 33
 — étherisation 108
 — goudron 624
 Jeanneret, H., cholera, &c. 304
 Jeanneret, L., digitalis 406
 Jeannet des Longrois, J. B. C., semen badianum 514
 Jeffreys, H., cases in surgery 241
 — cubeba 391
 — elm bark 734
 Jeffreys, T., matico 558
 Jeleneff, H., nicotiana 717
 Jemina, J. B., rosso di mercurio 503
 Jenichen, G. A., tabacum 714
 Jenkinson, J., rheumatism 257
 Jenner, E., artificial eruptions 145, 241
 Jenni, J. J., schwefeläther 109
 Jerusalemsky, N., chinin 656
 Jessen, P. W., digitalis 404
 Jewel, G., leucorrhœa 250
 Joachim, W., abcesse 49
 Joannius, J., de pilulis sloeticis 219
 Joaquim Moraes Sáramento, J., nitrate d'argent 250
 Joba, C., koumys 534
 Jodin, N., croup, &c. 438
 Joerg, J. C. G., see *Jörg.*
 Joffroy, alcool 218
 Johanson, —, chinin 654
 John, J. F., succin 701

- Jöhnen, B., belladonna . . . 276
 Johnson, G., pathology and therap. . . 22
 — cholera . . . 161
 Johnson, J., carbonic acid gas . . . 316
 — mineral waters . . . 778
 Johnson, J. R., de hirudine . . . 462
 — medicinal leech . . . 462
 Johnson, T., thermæ Bathonicæ . . . 781
 Johnstone, J., therapeutics . . . 14
 — mineral acids . . . 102, 150
 — de opio . . . 593
 — Walton water . . . 803
 Jolly, P., tabac (2) . . . 718
 Jones, C. Handfield, cholagogues . . . 143
 Jones, E. J., eau médicinale . . . 376
 Jones, G. H., aqua . . . 762
 Jones, H. Bence, chemistry, appli-
 cation of to therapeutics . . . 31
 — urinary calculi . . . 166
 — eau froide . . . 766
 Jones, J., perchloride of iron . . . 439
 — mysteries of opium . . . 586
 — bathes of Bathes ayde . . . 781
 — bathes of Buckstones . . . 786
 Jones, J. G., whooping cough . . . 156
 Jones, J. R., Radnorshire springs . . . 799
 Jones, T., quinine . . . 653
 Jongh, J. L. de, ol. jecoris aselli
 . . . 567, 568
 Jordan, Furneaux, inflammation . . . 146
 Jordan, G. G., de amygdalo . . . 228
 Jordan, H., de sale, alumine, &c.
 . . . 220, 637, 687
 Jorden, E., mineral waters . . . 781
 Joret, F. E., huile de croton . . . 390
 Joret, —, digitale . . . 405
 — et Homolle, sur l'apiol . . . 246
 Jörg, J. C. C., heilmittellehre . . . 66
 Jörg, J. C. G., geburtsbette . . . 45
 — geburt des Kindes . . . 185
 Jori, B., china gialla . . . 354
 Joseph, N., piper nigrum . . . 622
 Joseph, W., hydrarg. corrosiv. . . 501
 Josephi, T., phosphorus . . . 612
 Josien, A., quinine . . . 652
 Josse, M., mélanges chirurg. . . 763
 Joubertus, L., isagoge therapeut. . . 1
 Jourdaa, J., chloral . . . 327
 Jousset, —, hypodermique . . . 89
 — injections iodées . . . 523
 Jousset, P., thérapeutique . . . 34
 Jousset, P. G., thérapeutique . . . 11
 Jozansi, A., sel marin . . . 688
 Juch, —, de remediis externis . . . 191
 Juch, G. P., diaphoretica . . . 148
 — camphora . . . 300
 Juch, H. P., medicamenta . . . 62
 — de amygdalarum usu . . . 227
 — rhabarbarum . . . 659
 — de ebulo . . . 672
 Juch, H. P., chinæ radix . . . 683
 Jucker, S., sciagraphia, &c. . . 74
 Jüddell, G., gallusæure . . . 445
 Jüengken, see *Jüngken*.
 Juge, E. le, see *Le Juge*.
 Juglar, J., matière médicale . . . 65
 Juif, P., anesthésie alcoolique 122, 218
 Jukes, E., indigestion . . . 98
 Julia de Fontenelle, E., fébri-
 fuges . . . 162
 Julian, —, coca . . . 422
 Juliano, A., de resina elastica . . . 309
 Juliano, G., alcoolisme . . . 214
 Julliard, E. J., nitrate d'argent . . . 250
 Jullien, F., nicotine . . . 576
 Juncker, J., therapeutica . . . 2
 — conspect. therapia . . . 3
 — medicamenta . . . 63
 — formulæ . . . 77
 — de antimonii usu . . . 237
 — guaiacum . . . 456
 — oleum animale . . . 583
 — de arcano tartari . . . 635
 Juncker, J. A., carminativa . . . 140
 Jung, E., alcool . . . 216
 Jung, G. S., *κρυσσηλον* . . . 396
 Junghänel, M., cuprum . . . 393
 Junghanns, K. W., opium . . . 593
 Junghuhn, F., quina tree in Java 360
 Jüngken, J. C., chloroform . . . 113
 Jüngken, J. F., method. roborans 189
 Jungken, J. H., opilogia . . . 585
 Junker, F. C., anodyna . . . 126
 Junker, J., de emmenagogis . . . 159
 — de calce viva . . . 295
 — de cortice Peruviano . . . 343
 — tabacum . . . 710
 Junod, T., hémospasia (4) . . . 147
 Jürgens, J., de vitriolo . . . 490
 Jürgensen, T., wasser . . . 767
 Jurin, J., soap-lye . . . 674
 Jussieu, A. de, vertus des plantes 64
 — euphorbiacæ . . . 426
 — ferrum . . . 431
 — simaruba . . . 680
 Jussieu, A. L. de, dentelairo . . . 626
 Jussieu, J. de, contrayerva . . . 384
 — coffea . . . 370
 Justamond, J. O., hemlock . . . 379
 Justi, J. J. G., de opio . . . 591
 Justi, C. W., mezereum . . . 397
 Juvin, J., thérapeutique . . . 15
 Kaas, J., borax . . . 686
 Kaau, H., de argento vivo . . . 469
 Kablé, L., hydrargyrie . . . 492
 Kaehler, L. S., de ferro . . . 431
 Kaiser, J., antiseptica . . . 133
 Kaleniczenko, J. de, phallus impnd. 609
 — propylamine . . . 644

- Kallmann, H. F. A., acid. borussic. 508
 Kalm, P., caffè 370
 — juniper 532
 Kaltschmied, C. F., cicuta 380
 — mercurius 471
 Kannegiesser, T. H., adstringentia 138
 — sudorifera 148
 Kanny Loll Dey, narcotics, &c. 809
 Kanzler, B., salicina 669
 Kapfer, J. G. A., de antimonalibus 236
 Kapfer, J. M., belladonna 274
 Kaplinski, J. J. F., de digitali 404
 Kapp, C., kaffee 371
 Kapp, G. C. F. [manganese] 555
 Kapp, G. L. K., metalle 168
 — moschus 571
 Kappenhagen, —, spiritus vini 209
 Karcher, J. B., anethum 230
 Karche, J. F. X., eicheln 648
 Karhan, —, de auro 282
 Karlovzky, C. L., de creosoto 388
 Karsten, H., chinارينden N. Grenada 365
 Kassel, C. L. V., iode 521
 Kaulitz, A. C., medicamenta 62
 Kawaller, A., corianderöl 386
 Kay, W., vinum in typho 745
 Kechelen, G. S., camphora 301
 Keck, T. A., cort. Peruvianus 346
 Keddie, W., Moffat waters 798
 Kehler, —, de evacuantibus 160
 Keibel, J. G. L., de cort. Peruviano 350
 Keilhorn, G. S., salab et senega 599, 676
 Keir, P., Bristol waters 785
 Keiser, S. H. A., eicheln 648
 Keith, J., aqua 760
 Kellander, D., rubus humilis 685
 Keller, E., wein 745
 Kellie, J., salines in cholera 183
 Kelly, G., de hydrargyro 478
 Kelterborn, A., cannabis, &c. 305, 546
 Kemme, J. C., rhabarbarum 660
 Kemper, E. J. H., hirudines 463
 Kemper, T., succinum 700
 Kenens, H., medicamenta 63
 Kennedy, H. A., rhabarbarum 660
 Kennedy, P., on external remedies 190
 Kennedy, R., aqua 761
 Kennion, G., Harrogate springs 792
 Kentish, E., carb. of lime in cancer 296
 — Bristol (waters) 786
 Kentish, R., new bark 347
 — sea water 771
 Keraudren, P. F., scorbut. 132
 Kerchoven van Groenendyck, M. C. J. van den, stimulantia 185
 Kerekringius, T., antimonium 235
 Kercksig, F. D., bismuthum 288
 Kerger, W., refrigerantia 181
 Kerkovina, N. E., magnesia 553
 Kern, V., avis, &c. (eau) 761
 Kerner, A., tetras chymiatrica 235
 Kerner, G., chinin 654
 Kerr, G., medical sketches 374
 — hellebore 458
 Kerst, C. F. A., zincum 751
 Kersting, E. F., saccharum 668
 Keazler, F. A., viola 746
 Keuchel, —, atropin 278
 Keutsch, J. M. F., oxygenium 602
 Keyl, B. G. J., de secali cornuto 413
 Kheimb, S. E., de ferro 432
 Khittel, C. v., medicamenta 65
 Khuon, J. F. M., de alumine 221
 Kidd, C., anæsthetics 116, 117
 — hydrate of chloral 326
 — chloroform 333, 334
 — oxide of nitrogen (2) 581
 Kiedrowski, T. E. v., acidum hydrocyanicum 510
 Kiellman, C. J., menyantes 561
 Kielmann, J. F. E., adstringentia 138
 Kieser, D. G., therapie 7
 Kieseritzky, G. W., vires plantarum 75
 Kiessling, E., de ferri usu 433
 Kihlmann, J. H., kaffé 372
 — théét 729
 Kilgour, A., agents of life 14
 Kilian, —, therapia 6
 Kinck, S., diæta saccharata 697
 Kindermann, C. G., vinum 745
 Kindscher, F. L. E., de morphio 564
 King, R. J., on blisters 195
 Kinglake, R., cinchona 351
 — digitalis 401
 Kinnis, J., muriat. hydrargyri 494
 Kipp, F. F. C., acid. sulphuricum 705
 Kiranus, —, vires medicamentorum 60
 Kirby, E. A., formulary 35
 Kirby, —, phosphorus 616
 Kirchdorff, M., cantharides 306
 Kirchmaier, G. C., phosphorus 611
 — thea 727
 Kirchner, E., therapie 17
 Kirkland, T., hæmorrhages 187
 — on gangrene 343
 — opium 588
 Kirn, L., fougère mâle 443
 Kirsten, —, de chloroformio 332
 Kirsten, A. J., de areca 249
 Kirsten, A. F. W., prophylactica 174
 Kirsten, J. J., mercur. sublimat. 498
 — styrax 699
 Kirstenius, G., de colocynthide 378
 Kirwan, R., phlogiston, &c. 102
 — mineral waters 777
 Kisfy, S., meth. endermica 84
 Kissel, C., therapie 22, 28
 Kissling, C. F., collodium 377

- Kitchin, D. H., nitrite of amy . . . 228
 — conium . . . 383
 Kite, C., acoroides resinifera . . . 205
 Klamroth, L., plumbum . . . 632
 Klebe, F. A., alcalina . . . 105
 Klein, C. C. v., ratanhia . . . 535
 Klein, J. C., de junipero . . . 532
 Klein, L. G., medicamenta . . . 63
 Kleiner, J., med. contra ascarides . . . 129
 — de semine cinæ . . . 268
 Kleinert, C. F., de arsenici virtut. . . 259
 Kleinknecht, J. J., de scordio . . . 725
 Klement, E., bignonia catalpa . . . 288
 Klemm, J. C., de olea . . . 582
 Klencke, H., therapie . . . 22
 Klancke, P. F. H., leberthran . . . 567
 Klettenberg, R. S. de, nitrum . . . 638
 Kletwich, J. C., phosphorus . . . 611
 Klingsöhr, J. G. W., geoffroea
 inermis . . . 230
 Kliak, A., lactuca . . . 546
 Klinsmann, E. F., de emetino, &c. . . 410
 Klippel, —, cantharides . . . 308
 Kloek, J. A., cort. Peruvianus . . . 341
 Kloss, J. L., schwererde . . . 285
 Klokow, E., sublimat-injection . . . 501
 Klostermann, T. H., acid. oxalic. . . 601
 Klotzsch, F., chinarinde . . . 355
 Kluncker, F. A., taxus baccata . . . 722
 Klupsch, J. S., opium . . . 591
 Klaykens, J. F., matière médicale . . . 79
 Knapp, M. L., apocynum canna-
 binum . . . 246
 Knebel, J. G., opium . . . 590
 Knie, J. A., aqua . . . 763
 Kuieriem, J. M., arnica . . . 255
 Knigge, T., de mentha piperit. . . 561
 Knight, T., Dorton chalybeate . . . 789
 Kniphof, J. H., de gramine, &c. . . 732
 Kniphof, J. J., de diureticis . . . 153
 — antimonium . . . 237
 — de nitro . . . 638
 Knispel, M., hydrargyrum . . . 484
 Knolz, J. J., blutegel . . . 462
 Knox, A., Irish mineral waters (2) . . . 804
 Knox, R., stimulantia . . . 185
 Kö, see also Koe.
 Kober, T., de lacte . . . 536
 Koch, —, spiritus vini . . . 209
 Koch, C. A., wasser . . . 764
 Koch, G. A., de moscho . . . 571
 Koch, W., chloroform . . . 334
 Kocher, T., veratrum (viride) . . . 738
 Koehler, J., Perubalsam . . . 285
 Köchlin, J. R., säuren . . . 103
 — metalle . . . 393
 Koeck, W. T., de assafetida . . . 271
 Koehler, see Köhler.
 Koelbel, A., de cort. Peruviano . . . 353
 Koelderer, J. G., de visco . . . 747
 Koelkes, F. J., sulphur . . . 703
 Koelle, J. L. C., de aconito . . . 203
 Koelpin, A. B., schneerose . . . 661
 Koenig, J. G., remedia indigena . . . 64
 Koenigsmann, A. L., betula . . . 263
 Koharitsch, J. N., nux vomica . . . 699
 Köhler, H., therapentik . . . 37
 — phosphorvergift. . . 617
 Köhler, L. H., effect. medicamen-
 torum . . . 74
 Kohler, M., de opio . . . 584
 Köhler, R., therapie . . . 31
 Köhler, —, mutterkorn . . . 421
 Kohlmann, E. H. A., zincum . . . 751
 Kohn, J. C., bromure de potassium . . . 642
 Kolb, J. G., rhannus catharticus . . . 658
 Kolb, P. J., salzsäure . . . 505
 Kolbany, P., wasser . . . 761
 Kolbe, H., salicylsäure, &c. (2) . . . 135, 670
 Kölbel, &c., see Koelbel, &c.
 Komma, O., solanes (toxicol.) . . . 630
 Kondura, A., narcotica . . . 169
 Konecker, C. E., cort. Peruvianus . . . 345
 König, see Koenig.
 Koninck, de L., phloridzine . . . 610
 Koning, P., salix . . . 670
 Konz, N., camphora . . . 302
 Kool, J. A., penghawar jambie . . . 608
 Koopmann, G. N., juglans regia . . . 531
 Kopezky, B., aether . . . 108
 Kopf, —, nicotine . . . 576
 Kopf, F., iode . . . 521
 Köpke, C. A. F., opium . . . 594
 Köplin, A., de vitro antimonii . . . 237
 Kopp, F. X., mercurialia . . . 490
 Koppe, R., muscarin . . . 222
 Körber, P. H., de diureticis . . . 153
 Korn, O., de collodio . . . 377
 Kornacher, —, medicamenta . . . 65
 Kornbeck, L., morb. e mercurio . . . 459
 Körner, C. J., anacardium . . . 229
 Kornmesser, G., de hydrargyro . . . 482
 Kortum, G. T., de purgantibus . . . 180
 Kosak, F. S., de fumigat. acidia . . . 102
 Kosak, J. S., de sale . . . 697
 Kosegarten, D., camphora . . . 302
 Kossak, R., argentum nitricum . . . 252
 Kostin, E. v., morphium . . . 565
 Köstlin, C. H., de narcoticis . . . 169
 Kostrzewski, J., de gratiola . . . 453
 Kottmann, J. C., milch-kur . . . 540
 Kovacs, J., therapie . . . 20
 Kovats, P., alcaloidea . . . 104
 Krachenemnikov-Agaricus mus-
 car. . . 221
 Kraëwitsch, —, chinin . . . 654
 Kragl, S., methodus emetica . . . 156
 Krahmer, L., das silber . . . 251
 Krakow, O. A., strychninum . . . 695

- Kramer, J. A., angina mercurialis 488
 Kranichfeld, F. W. G., euphrasia 427
 Kratochvill, C., de colchico . . . 374
 Kratschmer, —, morphia, &c. . . 566
 Kratzenstein, C. G., cort. Peruvianus 345
 — quassia 647
 Kratzmann, E. J., de coniferis . . . 622
 Kraus, L. A., therapie 16
 — narkotische mittel 169
 Kraus, L. G., therapie 28, 34
 Krause, A., sulphur 704
 Krause, C. C., hæmorrhagica . . . 187
 — hydrargyrum 473
 Krause, R. W., de cardamomis . . . 318
 Krauss, C., spiritus solani 691
 Krauss, J. C. A., diaphoretica . . . 148
 Krauss, T., santonin 673
 Krausse, G. C., café 370
 Kraussen, R. W., mars salutaris . . 430
 Krebel, R., scorbut 52
 Kretschmar, J. F., wirkung der arzneien 65
 Kreutzwald, M. J., juglans regia . . 531
 Kreyfeldt, V., cort. Peruvianus . . 342
 Kreysig, F. L., febrifuga 162
 Krich, G. F., ol. crotoni, &c. 390, 663
 — experiment. pharmacol. 427
 Krieg, C. G., cantharides 306
 Krieger, A., spongia 692
 Krieger, L. J., tracheitis 41
 Krumping, F. T., de hæmostaticis 187
 Kroeber, H., ruta 666
 Krohn, H., opium 588
 Kronser, V. N., schwefeläther . . . 109
 Krueger, see *Krueger*.
 Krug, A. A., chloroforme 332
 Krüger, C. F., acida 102
 Krüger, G. E., calomelas 496
 Krüger, J. G., enemata 97
 — de cort. Peruviano 343
 — kaffee, thee, &c. (2) 370
 — nitrum 638
 Krüger-Hansen, B. C., opium . . . 594
 Krumm, M., fagus sylvatica 429
 Kruse, J. C., acid. et alcali 101
 Kruff, J., digitalis 403
 Kubányi, A., de hyoscyamo 511
 Küchelbecker, G. G., sapo 674
 Küchenmeister, F., wasser 768
 Küchenmeister, G. G., ergot 418
 Kueffer, W. C., de lacte 537
 Kuehn, see *Kühn*.
 Kühn, C. D., fieberrinde 350
 Küblin, C. D., cort. Peruv. succed. 359
 Kühlwein, J. H., diuretica 153
 Kühn, C. G., moschus 571
 — sal acetosellæ 601
 — aqua 759
 Kühn, G., acid. sulphuricum 706
 Kühn, J., colchiacées 375
 Kühn, J. F. W., phytolacca 619
 Kühn, J. T., dulcamara 689
 Kühn, O. B., zinci sulphas 751
 Kühn, O. B., et C. G., kleesäure . . 601
 Kühnel, G. B., medicamenta 65
 Kuinneth, G. F., St. Ignatii faba 697
 Kulm, J. A., succinum 700
 Külz, E., diabetes 56
 Kummer, E. G., chlorosis 42
 Kunkelius, J., de salibus 222
 — de auro et argento 249
 — de phosphoro, &c. 611, 637
 Kunrath, C. C., fünf tractätlein . . 458
 Kuntzmann, J. H. L., blutegel . . . 462
 Künzel, A. G., iodine 516
 Kupfer, J. M., see *Kapfer*.
 Kuppermann, —, auro-pigmentum 256
 Kurchberger, L., cicuta 381
 Kurtz, P. T. E., iodine 518
 Kusmaul, A., mercurialismus . . . 492
 Kuyf, G. J., diæta analeptica . . . 126
 Kymmell, D. L. J., vires remedi-
 diorum 75
 Labarraque, A., quininum 657, 668
 Labarraque, A. G., chlorures . . . 142
 Labat, A., Cheltenham 789
 — hydrologie de Galles, &c. 805
 Labat, F. A. L., thérap. oculaire . . 45
 Labat-Abbadie, H., vin de Malaga 745
 La Bate, J. de, protoxyde d'azote 583
 Labbe, H., de marte 431
 Labélonne, C., digitale 405
 Laborde, J. V., chlor. de potasse . . 636, 637
 — bromure de potassium 642
 Laburthe, J., perchlor. de fer . . . 440
 Labus, P., cantaride 309
 Lach, F. J., éther sulfurique 108, 424
 — chloroforme 118
 Lachapelle (Madame), ergot 413
 Lachaume, J. J., nitrate d'argent 251
 Lacipière, P. L., émétiques végé-
 taux 158
 Lacour, G., quinine 650
 Laeruz, F., quinine 653
 Ladendorff, —, chinin 655
 Ladevi Roche, F., inject. veineuses 92
 La Ferla, G., asafetida 271
 Laffan, J. de Courcy, digitalis . . . 402
 Lafisse, —, quinquina 351
 Lafitau, J. F., gin-seng 449
 Lafont, E., tremblement saturnin . 632
 La Fontaine, J., quinquina (po-
 ème) 339
 Lafontaine, J. F., syphilis 42
 Lagasse, E., sève du pin 622
 Lagrelette, P. A., sciaticque 54
 Lagrésie, C. B. de, douce-amère . . 689
 La Harpe, P. de, coings 396

- Lahuppe, E., purgatif . . . 181
 Lair, J. M., eau . . . 767
 La Langue, J. B., neurologia . . . 301
 Lalanne, P. A. E., toniques . . . 189
 Lallemand, F., bachisch . . . 304
 Lallemand, L., méthode endermique . . . 84
 — chloroforme . . . 115
 — anesthésiques . . . 117
 — anesthésie chirurgicale . . . 118
 — alcool, &c. . . 213
 Lalouette, Sir P., fumigation . . . 86
 — mercuriales . . . 473
 La Marche, G. A. de, arnica . . . 254
 Lamare, E. de, hélicine . . . 457
 Lamare-Picquot, F. V., café (2) . . . 373
 Lambert, A. B., cinchona . . . 349, 352
 — pinus . . . 621
 Lambert, J. L. de, affusions . . . 768
 Lambert-Seron, J. L., glycérine . . . 450
 Lambossy, J. M., méd. minéraux . . . 168
 Lämmerhirt, C. H., arsenicum . . . 258
 Lamorier, L., eau . . . 757
 Lamoureux, J. N., opium . . . 589
 Lamy, D. F., antimoine . . . 236
 Lancereaux, E., phosphore . . . 616
 — paralysie saturnine . . . 632
 Lancilotti, C., antimonio (2) . . . 236
 — farm. mercuriale . . . 467
 Lancy, —, thallium . . . 725
 Landerer, G., papaverin . . . 607
 Landis, H., valeriana . . . 736
 Landowski, —, koumys . . . 534
 Landry, O., chloroforme, &c. 170, 332
 Landsberg, M., euphorbiacæ . . . 426
 Laneau, J., hyposulfite de chaux . . . 187
 Lanessan, J. L. de, gomme gutte . . . 446
 Lang, G., typhus abdominalis . . . 52
 Lang, J. N., de irritamentis . . . 145
 Lange, C. N., ergot . . . 410
 Lange, J. C., acida . . . 101
 Lange, J. H., cicuta . . . 380
 — wasserfenchel . . . 609
 Lange, J. U., aqua calcis . . . 296
 Langenbeck, C. J. M., therapie
 chirurg. 38
 Langer, R., hypodermat. injection . . . 90
 Langewagen, —, medicamenta . . . 61
 Langford, J., antimony . . . 239
 — antimon. tart. . . . 810
 Langgaard, A., chloralharnstoff . . . 328
 Langguth, G. A., de clystere (2) . . . 97
 — de mod. sternutantium . . . 184
 — de cort. Peruviano . . . 343
 — de mercurio dulci . . . 493
 — tabacum . . . 714
 Langham, W., garden of health . . . 60
 Langheinrich, H. A., de vinis . . . 744
 Langius, G. J., de millefolio . . . 201
 Langius, —, de melle . . . 559
 Langlois, P. A., alcoolisme . . . 216
 Langrish, B., physical experiments
 164, 645, 702
 Langstedt, F. L., thee, kaffee, &c. 371
 Langurth, G. A., nux vomica . . . 697
 Lankester, E., Askern springs . . . 780
 Lankhorst, A. M., de camphora . . . 303
 Lansbergius, P., de moscho . . . 570
 Lanza, C., rimedi . . . 65
 Lanzoni, J., de clysteribus . . . 97
 — citrologia . . . 363
 — de melle . . . 559
 — aqua marina . . . 770
 — rubia tinctorum . . . 812
 La Pierre, C., inunctions-kur . . . 86
 La Pira, G. M., alcali volatile . . . 223
 Lapre, E., seigle ergoté . . . 414
 Laracine, G. J. A., narcotiques . . . 169
 Larghi, —, nitrate d'argent (2) . . . 253
 Larino, C., medicamina . . . 67
 La Robardière, —, mercure . . . 473
 La Roche, R., yellow fever . . . 49
 Laroche-au-lion, P. de, anesthésie . . . 121
 La Roque, —, café . . . 369
 Larrey, C. F. (Baron), éthérisa-
 tion 115
 Larrey, D. J., moxa . . . 269
 Larrey, H., anesthésie . . . 114
 Larrieu, E., tabac . . . 717
 Lassaigne, J. L., oxide hydrocyan. 508
 Lassaigne, P., alcoolisme . . . 216
 Latour, —, grenadier . . . 646
 Latour, D., soufre (fumigations) . . . 703
 Latourrette, M. A. L. C. de., fucus
 helminthochorton . . . 625
 Laub, J., de cardiacis . . . 140
 Laube, F., colica saturnina . . . 630
 Laubert, C. J., quinquina . . . 352
 Laue, G. M., de radice caincæ . . . 293
 Laugée, A., vésicatoire cantharid. 197
 Langier, B., huile de foie de morue 570
 Launay, C. D. de, mercure . . . 468
 Launay, H., et Lami, G., opium . . . 585
 Launay, L. de, antimoine (2) . . . 234
 Laure, P., fièvre typhoïde . . . 769
 Laurell, A. F., de tropæolo . . . 732
 Laurens, —, émétiques . . . 156
 — quinquina . . . 350
 Laurent, C., daturine, &c. . . 399, 512
 Laurent, L., thérapeutique . . . 9
 Laurentius, A., therapeutica . . . 2
 Laurie, J. A., strychnine . . . 695
 Laurin, C. G., mentha . . . 560
 Lautour, —, calomel . . . 496
 Lavacherie, —, inhalation d'éther 108
 Laval, G. H., scammonée . . . 675
 Lavallée, G. G., bromures . . . 642
 Lavallette, E., nitrate d'argent . . . 250
 Lavaygre, L. de, oxygène . . . 604
 Lavedan, A., tobacco, café, &c. . . 715
 Lavington, A., de ferro . . . 431

- Lavirotte, L. A., cort. Peruvianus 343
 Laws, J., opium 591
 Lawson, G. M., de lithontripticis . 165
 Lawson, H., the 'Practitioner' . 59
 — morphia 565
 Layard, D. P., Somersham spa . 801
 Laygue, —, bromure de potassium 642
 Lazansky, A., constitut. krankh. . 52
 — innere krankheiten 53
 Lazowski, A. E., bismuth 289
 Lazzaretto, E., fumes of pitch . 624
 Leake, J., mercury 472
 Leared, A., charcoal 311
 Lebaigue, E., ferrugineux 434
 — hydratés gélatineux 448
 Lebaigue, J., chloral 326
 Lebel, A., syphilis 484
 Lebel, L. P., perchlorure de fer . 440
 Lebègue, E., alcool 215
 Leber, F., schierling 379
 Lebert, H., therapie 30
 — milchcur, &c. 541
 — et Wyss, O., phosphore 617
 Leblanc, F. A., anesthésie 118
 — anesthésiques 122
 Le Bon, J., therap. puerperarum . 39
 Leboucher, J. T., phosphore 617
 Leboucher, —, sel commun 688
 Lèbre, N., tannin 721
 Lebrecht, L., pharm. antisiphili-
 tica 136
 — colocynthis 378
 Le Bret, E., eaux minérales 779
 Lebreton, F., sucre 668
 Lecacheur, A., chloral 325, 326
 Lecanu, L. R., chlorure de sodium 143
 Lecerf, J., digitale 406
 Leclaire, —, térébenthine 724
 Le Clerc, D., hist. lumbricorum . 127
 Leclerc, M. C., therap. dentaire . 18
 Leclère, E., alcoolisme 215
 Le Clerk, F. T., cort. Peruvianus 343
 Le Coeur, J., intoxication alcoolique 213
 — pansements alcooliques 214
 Leconte, A. H., café 372
 Leconte, H., hémorrhagies 692
 Leconte, J. M., morphine 565
 Lecoq, E., chlorure de sodium . 688
 Lecoq, J., hydrocotyle Asiatica . 506
 Lecorché, E., diabète 55
 Lecorché, —, acide cyanhydrique 510
 Lecorre, E. D., liq. alcooliques . 216
 Ledebøer, A. M., cantharides 308
 Ledelius, S., centaurium minus . 421
 — de opio 585
 Ledelius, J. S., saccharum lactis . 669
 Ledran, F. A., diuretica 153
 Le Dran, H. F., plomb 626
 Lee, A., de cort. Peruviano 344
 Lee, E., mineral waters (3) 778
 Lee, E., Brighton spa 785
 — Cheltenham waters 789
 Lees, F. R., intoxicating liquors . 214
 Lefébure, J., tabac 718
 Lefebure de St. Ildephont, G. R.,
 cancer 256
 Lefebvre, J. F., thea, tabacum, &c. 713
 Lefevre, L., hydrate de chloral . 328
 Lefort, J., atropine 279
 — ipécac. et émétine 529
 — morphine 565
 — eau de goudron 624
 — eaux minérales 779
 Lefranc, E., atractylis (2) 272
 Le François, —, opium 594
 Lefrançois, J., intox. saturnine . 632
 Le François, L. A., eau de mer . 771
 Legal, —, datura 399
 Legendre, M. E., fer 434
 Legonais, A. P., purgatifs 180
 Legrand, A., de l'or, &c. (6) 282, 481
 Legrand, P. F. X., arsenic 261
 Legrand du Saulle, —, épilepsie . 641
 Legras, A. B., alcool 214
 Legros, A. M., digitale 407
 Legroux, A. C., digitale 407
 Lehmann, C. H., vires plantarum 75
 Lehmann, F. C. C., chininium . . 650
 Lehmann, F. G., kohlendunstver-
 giftung 312
 Lehmann, J. C., de balsamo
 Peruviano 285
 Lehmann, J. D., de ferro 431
 Lehmann, J. G. C., nicotiana . . 716
 Lehr, F. A., carbo vegetabilis . . 310
 Lehr, G. P., olea Europea 533
 Lehrius, C. A. B., laxantia 137
 Leibnitz, G. W. v. (ipecacuanha) . 526
 Leidenfrost, J. G., hirudo 461
 Leidenfrost, L. C., opium 590
 Leidesdorf, M., psychischen krankh. 50
 Leigh, C., de aquis mineralibus . 776
 — phthisiologia Lancast. 794
 Leigh, J., opium 589
 Leisnerus, G. C., corallium 386
 Leiva y Aguilar, F. de, tabaco . . 709
 Le Jeune, A. L. S., narcissus . . . 575
 Le Juge, E., gas acide carbonique 317
 Lelièvre, —, therap. chirurg. 38
 Lelion, C. M., digitale 407
 Le Long, C., hypnotica 169
 — cortex Peruvianus 339
 Lelong, E. M., lactate de fer . . . 437
 Lemaire, E., phosphore 615
 Lemaire, F., evacuantia 160
 Lemaire, J., acide phénique . . . 312
 — coal tar (2) 365
 — sel marin 688
 Lemaire, L., mercure 483
 Lemaitre, M., kamala 533

- Lemarchand, —, hygiène de la mer 774
 Le Masson, T., opium . . . 594
 Lemattre, G., solanées . . . 691
 — alcaloïdes . . . 104
 Lambert, A. méthode endermique 82
 Le Menestrel, J., lac . . . 537
 Lemercier, —, vinum . . . 741
 Lemery, N., antimoine . . . 236
 Lemke, J., anagallis . . . 229
 Lemke, W., de bituminibus . . . 290
 Lemoine, P. H., vésicatoires . . . 196
 Lemoyne, F., diète lactées . . . 542
 Lempiere, W., Sand Rocks water 799
 Lender, C. sauerstoff . . . 605
 Lenhossék, M. von, wuthkrankheit. 45
 Lenoble, —, sangsues . . . 462
 Lens, A. J. de, dict. de mat. méd.
 et thérap. . . . 11
 Lent, A. C., alkalies . . . 105
 Lente, F. D., anæsthetics . . . 118
 Lentin, L. F. B. gratiola . . . 452
 Lenz, F. H. B., gas carbonicum . . . 317
 Leo, L., wismuth . . . 288
 Leonardi, J. G., de absorbentibus 140
 Leopold, J. D., betula . . . 288
 Le Page, F. A., gas protox. d'azote 681
 Lepage, R. C., gynocardia . . . 811
 Le Parmentier de Fresville, C.,
 bains 773
 Le Pascheur de la Reaulte, A.,
 mercurialia (3) . . . 471
 Lepelletier, A., calomel . . . 495
 Lepelletier de la Sarthe, émétique. 243
 Lepervanche, C. M. de, tabac . . . 719
 Lepetit, E., acide sulfurique (2) . 706
 Lépine, J. J., hydrocotyle Asiat. . 506
 Le Play, A., anesthésie locale . . . 125
 Leprat, P., protéine ferrée . . . 434
 Leras, J. F. N., sucre . . . 668
 Leriche, —, hydropsie . . . 100
 — injections iodées . . . 520
 — croup 687
 — tannin 720
 Leroy, A., phosphore . . . 613
 Leroy, A. V., kinkina Français . 444
 Le Roy, J. A., garou . . . 397
 Leroy, J. J., calculs urinaires (2) . 166
 Leroy, L., purgation . . . 180
 Le Sage, —, alkali volatil . . . 222
 Lescamel, —, phthisie pulmonaire 263
 Leschenault, —, antiaris toxicaria 233
 Lesieur, A. J., méthode ender-
 mique 82
 L'Espinaso, A. C. de, tart. emetic. 241
 Lestage, C., phosphate de chaux . 298
 Lestibondoïis, F. J., vires plantarum 64
 L'Estrade, —, les pierres . . . 165
 Lesus, —, tabacocapnia . . . 709
 Leszig, E., narcotica . . . 809
 Letellier, —, agarics à volva . . . 222
 Letenneur, —, arsenic . . . 262
 Letenneur, —, injections iodées . 522
 Letenneur, A., grenadier . . . 646
 Leteurtre, A. H., seigle ergoté . 420
 Letheby, H., disinfectants . . . 152
 — perchloride of iron . . . 439
 Le Thièrre, G., dynamisme médica-
 ment. (opium) . . . 69
 Le Thièrre, —, huile de foie de
 morne 570
 Lettieri, N., de remed. febrifugo . 358
 Lettsom, J. C., digitalis . . . 400
 — tea (2) 728
 Leube, W. O., magenkrankh. . . 55
 — ernähr. d. kranken v. mast-
 darm aus 99
 Leubuscher, R., gehirn-krankh. . 48
 Leudet, E., thérapeutique . . . 8
 — vapeur du charbon . . . 312
 Leupoldt, J. M., therapie . . . 9
 Levascher de Boisville, F. S., mor-
 phine 564
 Leveillé, J. B. F., thérap. chirurg. 37
 Léveillé, J. H., le genre agaric . 207
 — ergot 414
 Level, J. A., de stibio tartarisato . 240
 Leven et Laborde, —, esérine . . . 423
 Levêque, P. L., injections iodées . 525
 L'Eveque, R., rhabarbarum . . . 659
 Leverdays, S. A. M., camphre . . . 302
 Levi, A., cloro 330
 Levinstein, S. J., alcaloïdes . . . 103
 Le Viseur, C. J., antimon-arsenic . 239
 — campher 303
 Le Viseur, O. E. G., lait . . . 541
 Lévrat, E., iodure de soufre . . . 705
 Levrat-Perrotton, J. F., antim.
 tart. . . . 242
 — ergot 415, 417
 — acétate de plomb 628
 Levroux, L., bains de mer . . . 773
 Levy, E., bromure de lithium . . . 550
 — affusions 766
 Levy, J., salpetersäure silber . . . 251
 Levy, P. A., diaphoretica . . . 148
 Lewald, G., milch 541
 Lewin, G., inhalation 95
 — sublimat-injection . . . 501
 Lewin, R., ranunculus . . . 658
 Lewins, R., colchicum . . . 375
 Lewis, P., water 759
 Lewis, W., materia medica . . . 63
 Lewy, B. S., de arsenico . . . 259
 Leydet, A. R., thérapeutique . . . 12
 Leynseelo, van, —, laminaria . . . 547
 L'Heritier, S. B., maladies de la
 femme 45
 Lheritier, S. D., medicamens . . . 67
 Liard, H. F., thérapeutique . . . 7
 Libavius, A., therapeusis . . . 1

- Libermann,—chlor.d'ammoniaque 227
 Libermann,—fièvre typhoïde . 769
 Liborius, J. A., nux vomica . 698
 Lichtenfeldt, S. K. de, de purgatione . 176
 Lichtenstädt, J. R., mat. medica 10
 Lichtenstein, E., cholera . 50
 Lichtenstein, J. N., tela araneorum 248
 Lichtenthal, P., idrologia . 764
 Lieb, J. W. F., eispflanze . 561
 Lieber, J., rheum . 660
 Liebermeister, C., fieber . 56
 — wasser . 768
 Liebig, A., filix mas . 443
 Liebinger, S., de acid. hydrocyan. 509
 Liebreich, O., chloralhydrat . 325
 Liedbeck, P. J., phosphorus . 615
 Liégard, A., ipécacuanha . 529
 Liégey, —, quinquina (2) . 652
 Lierrhe, H., absinthe . 267
 Lietzau, F. O., therapie . 20
 Lignac, —, acide prussique . 507
 Lilie, G. G., de plumbo . 627
 Lilienhain, L., saturnum . 630
 Limousin, S., protoxyde d'azote . 581
 Linarès, E., eau . 769
 Linck, J. W., castor. et moschus 320, 571
 — coccionilla . 366
 Lincke, P. C., de helleboro (2) . 458
 Lindberg, K., necrosis phosphorica 616
 Lindegren, L., kina . 353
 Linden, D. W., chalybeate waters 776
 — Bath and Bristol waters . 782
 — Glastonbury waters . 791
 — Hanley spa . 791
 — Hyde spaw . 793
 — Llangybi waters . 796
 — Llandrindod waters . 796
 — Shadwell spa . 800
 Linden, J. A. van der, de lacte . 537
 Lindenhayn, J., acida . 103
 Linderholm, M. G., de geo urbano 449
 Lindley, J., monogr. digitalium . 404
 Lindsay, A., chloride of ammonium 226
 Lindsay, J., quassia polygama . 647
 Lindsay, W. L., toot plant . 387
 Lindström, J. N., derivantia . 145
 Lindt, J. L., de alumine . 221
 Line, C., narcéine . 575
 Linekogel, S. F., medicamenta . 62
 Linkhan, M., sabina . 532
 Linnæus, C., vires plantarum . 73
 — sapor medicam. . 73
 — odores medicam. . 73
 — method. investigandi . 73
 — purgantia (2) . 178
 — opobalsamum . 284
 — de meloë vesicatorio . 306
 — cimicifuga . 336
 Linnæus, C., de cort. Peruviano . 343
 — coffea . 370
 — euphorbia . 426
 — hirudo . 461
 — opium . 598
 — quassia . 647
 — rhabarbarum . 660
 — senega . 678
 — spigelia anthelmia . 691
 — lignum colubrinum . 696
 — de maro . 725
 — potus theæ . 728
 — potus chocolatæ . 731
 — (fls.) de lavandula . 547
 Liouville, H., curare (2) . 395
 Liphard, T. W. S., infus. in venas 91
 Lipp, J., belladonna et opium 274, 592
 Lippe, S., iodum . 519
 Lippert, H., syphilis . 48
 Lipscomb, G., Matlock bath . 797
 Lis, G. van, de aloë . 220
 Lischwitz, J. C., plant. anthelmin. 127
 — diaphoretica (2) . 148
 — plantæ diureticae . 158
 — virga aurea . 661
 Lisle, E., maladies mentales . 262
 — choléra, cuivre . 394
 — eau de mer . 774
 Lissauer, A., digitalis . 406
 Lissonde, L., chloral hydrate . 327
 Lister, J., antiseptic system 133, 184
 Lister, M., font. med. Angliæ . 775
 Little, R., opium . 595
 Littlejohn, H. D., oxalic acid . 601
 Lizars, J., tobacco . 717
 Lobb, T., disolvents of stone . 164
 Lobelius vel L'Obel, M., balsamum, &c. . 283
 Löben, see *Loeben*.
 Lobo, A. S., purgantia . 179
 Lobruheim, M., sedativa . 184
 Lobstein, J. F. D., phosphore . 613
 Lochner, M. F., coffea, thea . 369
 — nerium . 576
 — mungos . 584
 — papaver . 606
 — pareira brava . 607
 Lodberg, F. C., de mercurio . 470
 Loddeweychx, H., de clysteribus . 98
 Lodin, C. G., de acid. hydrocyan. 509
 Loeben, J., salix fragilis . 671
 Loebenstein-Lobel, E., vin . 744
 Loeber, F. E., de marte . 431
 Loechstoer, H., nicotiana . 713
 Loeschebrand, B., paralysis . 39
 Loescher, W. G., balsamum de Mecca . 284
 Loewe, A., opium . 590
 Loewensohn, S., antiphlogistica . 131
 Loewenstein, A. S., rad. caincæ . 298

- Loewenthal, H., inflammatio externa, &c. 191
- Logesis, L., eau 769
- Lohmeier, —, thea 727
- Lohnes, J. H. B., hydrargyrum 477
- Lohrer, J., ammoniaksalze 224
- Loiseleur des Longchamps, J. L.
A., purgatifs indigènes 179
— succédanés, &c. 528
— narcisses 575
— opium indigène 598
- Lolliot, J., arsenic 262
- Lombard, A., seigle ergoté 420
- Lombard, C. A., évacuans (2) 160
— opuscles de chirurgie 759
- Lombard, C. P., de china-china 339
- Lombart, A., nitrate d'argent 258
- Lombroso, C., pellagra 54
- Londes, F. W., de charophyllo 324
- Lönnegren, F. J., ricinus 663
- Long, see *Le Long*.
- Longet, F. A., éther sulfurique 108
- Lonsdale, H., hydrocyanic acid. 509
- Löf, G. F., de polypodio 634
- Loof, J. A., folia aurantium 363
- Loon, A. van, de *πυαλασμφ* 487
- Lopel, F., et De Frades, C., opium 585
- Lopès, J. C. L., fève de Calabar 618
- Lorange, H. R., de ferri usu 434
- Lord, J. L., étherisation 123
- Lorent, E., hypodermat. injection 89
- Lorenzutti, L., acido fenico 810
- Lorié, P., ficus maturans 442
- Lorinser, C., muterkorn 413
- Lorinser, F. W., merkur 484
- Lormel, —, de, camphre 303
- Lorry, A. C., carbonum vapor 311
- Lösch, see *Loesch*.
- Löskens, J. L., therapia 4
- Loessius, J., nux vomica 697
- Lostalot-Bachoné, J. J. A. de, vaporarium 88
- Lotichius, J. P., gum. gotta 446
- Lotichius, P. N., phosphorus 611
- Lotze, R. H., therapio 17
- Loudon, C., Leamington spa 795
- Louis, P. C. A., phthisie 42
— fièvre typhoïde 44
— yellow fever 46
— émétique, &c. 243
- Loureiro, J. C., tabac 718
— ophthalmico-nicotisme et ophthalmico-alcoolisme 809
- Louvrier, J., syphilis 41
- Lovadina, L., cloro 329
- Loven, N. H., perl-tangens 335
- Low, A., quinquina 649
- Löw, see *Loew*.
- Löwig, C., brom 291
- Lozes, J., digitale 408
- Lubanski, —, koumys 534
- Lubbet, C., aloë in ictero 220
- Lubeex, M., opium 586
- Luc, L., thérap. des Arab. 22
- Lucas, C., waters (2) 758, 776
— Bath and Bristol waters 782
- Lucas, E., solanum tuberosum 691
- Lucas, J. G., adstringentia 139
- Lucas Championnière, —, syphilis 45
- Luchtmans, C. J., cort. Peruv. 350
- Lüdgers, M. St. J., tabaschir 720
- Ludolf, J., expectorantia 161
- Ludolf, H., see *Ludolph (H.)*.
- Ludolf, J., de mercurio 469
— ol. dippellii 584
- Ludolph, H., anhelatio 39
— icterus 39
— palpitatio cordis 40
— coffee 369
— de mercurio 470
— mercurialia 429
— saponaria 674
— acid. vitrioli 705
— tabacum 713
- Ludwig, C., ol. jecoris aselli 567
- Ludwig, C. G., therapia 4
— vires plantarum (2) 64, 65
— aqua 758
- Ludwig, C. T., de contrariorum comp. 77
- Ludwig, E., antiaris toxicaria 234
- Ludwig, J. F., belladonna 273
- Ludwig, W. C. E., de cort. Peruviano 349
- Lugol, J. G. A., iode (2) 517
- Luisicius, J. v. S., cort. Peruvianus 352
- Luisia, —, solanées 690
- Luisinus, A., aphrodisiacus 455, 466
- Lumier, L., ol. di merluzzo 570
- Lund, E., antiseptic surgery (2) 134
- Lund, H., arnica 256
- Lund, J. J. G., crotonis oleum 300
- Lundborg, C. J., entozoa 42
- Lundhal, B., tabac 719
- Lunding, C. M., arsenic (toxicol.) 263
- Lundmann, P., de junipero 532
- Lundmark, J. D., linnæa boreal. 549
- Lunier, L., alcool et folie 217
— méd. bromo-iodurée 291
- Lursenius, P. S., de cort. Peruviano 343
- Lussana, F., suc gastrique 447
— prep. mercuriali 486
— aceto di ferro 435
- Lust, C., de acido nitrico 578
- Luther, C. F., thea 727
- Luther, J. M., quassia 647
- Luton, A., inject. sous-cutanéés 89, 90
— cyanures 144
- Lutteri, A., ol. terebinthinæ 723

- Lutzelberger**, —, acide phosphor. 611
Luxmoore, T., strict. of urethra . 250
Luzzatti, C., cantaridi . 309
Lyons, R. D., yellow fever . 49
Lyrer, H. G., sudorifera . 148
Lysons, D., camphor and calomel
 301, 493
 — elm bark 733
 — Bath waters 783
Maanen, J. R. v., chininæ sulphas 649
Maas, A., therapeutica . . 14
Mac-Adam, G. C., plumbum . 627
Mac-Auliffe, J. M., tétanos . 225
Macbride, D., experimental essays 314
McBride, J. H., nitrite of amyl . 228
McCabe, J., Cheltenham waters (2) 788
MacCarthy, T., vinum . . 744
McClenachan, G., vinum . . 743
McCormac, W., antiseptic system 133
Macdonald, F. R., chloroform . 332
McDonnell, R., antiseptics, &c. . 135
McDonnell, R. L., nitrate of silver 251
 — hydriodate of potash . 520, 522
Macdowall, W., guarana . . 453
Macé, C., café 372
M'Elvoy, Z. C., the bromides . 140
Macer, E., virtutes herbarum . 59
Maceroni, H., olio di croton . 390
Macescu, S., arsenic 262
Machiavelli, P., jaborandi . . 620
 — cinchonina 656
Machtolf, —, cort. Peruvianus . 349
MacIvor, W. G., cinchona (culture)
 361
Mackaille, M., on mace 573
 — font. Moffetensium 797
Mackenzie, D., antidotes to arsenic 265
Mackenzie, P., mineral waters . 777
Mackesy, G., carbone 310
Mackintosh, R., de mercurio . 475
MacLagan, D., bebeerine . . . 287
MacLagan, J., McGrigor, colchicum
 376
Maclaren, R., nitrous oxide . . 582
Nuclean, C., mercury 476
Maclean, L., hydrothorax . . 403
Macleod, A. C., acholic diseases . 144
McMullin, J., erythema mercurialis 489
Macollone, J., syphilis 39
Maconi, P. H., rubifacientia . 182
Macpherson, J., Bengal dysentery 98
 — antiperiodics 130
 — our baths and wells 779
Macquart, L. C. R., eau 759
Macquer, P. J., sublimat. corrosiv. 500
 — savons acides 674
M'Sweeney, J., de lithontripticis . 165
Madan, Pál, nighant bháshá . . 69
Madan, P., Tunbridge wells . . 802
Madden, H. R., therapeutics . . 33
Madden, W. H., cutaneous absorption
 82, 83
Maddock, A. B., inhalations . . 93
Madelung, O. W., ung. stibio-kali 244
Madison, J. C., med. prop. of iron 432
Maebius, G., de usu clysterum . 97
Maestre de San Juan, A., chloroform
 333
Magawly, J. G., sales in intest. . 183
Magendie, F., action de quelques
 végétaux 66
 — sur le vomissement 157
 — émétique 240
 — acide prussique 507
 — ipécacuanha 528
 — morphine, &c. 564, 698
 — sucre, &c. 668
Magenta, A., de aconito 203
Magenus, J. C., de manna . . . 556
 — tabacum 710
Magitot, E., carie 53
 — acide chromique 336
 — nécrose phosphorée 617
Magnan, V., alcoolisme, &c. . 218, 268
Magnant, E., oxygène 605
Magnaud, E., chloral hydraté . 326
Magnes Lahens, —, coal-tar . . 365
 — chlorure de fer 439
 — goudron (2) 624
Magnus, R. A., meth. endermatica 83
Maguy, —, de, sperma ceti . . . 323
Maguy, P. N., sangsues 463
Magri, D., café 368
Mahé, J. B., thérapeutique . . . 30
Maheux, —, charbon 310
Mahieu, A., anesthésie 117
Mahou, D'Arcy, de hydrargyro . 481
Maier, C. G., de carice arenaria . 319
Maier, J., aetherischen oele . . 173
Maierus, M., de auro 280
Maillard, C. P., iodoforme . . 525
Maillard, P. A. C., réulsion . . 145
Mailles, L., métaux alcalins . 169
Maillet, F. G., bismuth 289
Mailly, —, ratanhia 535
Maire, J. H., thérapeutique . . 17
Maisonneuve, J. G., thérap. chirur. 38
Maitre, A., iodoforme 525
Maizier, C. G., arsenic (toxicol.) 264
Majault, M., prép. chimiques, &c. 222
Majon, G., solfato di magnesia . 554
Major, —, Ελαφοδιδασκαλος . 322
Major, J. D., infus. in venam . . 90
 — de clysteribus 97
 — de myrrha 572
Majus, J. H., manna scripturæ . 558
Malapert, C. F., seigle ergoté . 415
Malas, A. J., nux vomica . . . 698
Malewski, A., de camphora . . 303

- Malgaigne, J. F., irrigation . . . 764
 Malherbe, —, belladone . . . 276
 — ergot . . . 419
 Malik, A. A., ruhr . . . 43
 Malingie, —, opium . . . 592
 Malle, P. N. F., arsenic (toxicol.) 265
 Mallez, F., maladies urinaires . . . 55
 Mallonay, D. T., aqua . . . 760
 Malmédie, J. B. de, aqua . . . 757
 Malmsten, P. H., ol. jecoris aselli 569
 Malvigne, P., calculs . . . 41
 Maly, J. C., vires plantarum . . . 75
 Mame, J., thérapeutique . . . 9
 Manara, C., tabacum . . . 712
 Mancel, N., chlor. de mercure . . . 502
 Mandruzzato, S., santonico . . . 268
 Manenti, G., de martialibus . . . 433
 Munget, J., bevanda Asiatica . . . 369
 Manghin, —, de aconito . . . 202
 Mangin, F. A., de sternutatoriis . . 184
 Mangold, J. H., de mauna . . . 557
 Manilius, S. G., zedoaria . . . 395
 Mankiewicz, L., adstringentia . . . 139
 Mann, M. l'Abbé, cure of gout . . . 203
 Mannercrantz, F. W., sulph. anti-
 monii . . . 245
 Mannhardt, J., lichen parietinum 607
 Manning, M., de aquis mineral. . . 776
 Mannkopf, E. W., oleum elemi . . . 410
 Manouvriez, A., intox. saturnine . . 633
 Manson, A., iodine . . . 516
 Manson, D., Strathpeffer spa (2) . . 801
 Mantegazza, P., guarana . . . 453
 — zucchero . . . 668
 Mantovani, V., infiammazioni . . . 42
 Manus, V., santonin . . . 673
 Manzoni, F. A., acid. prussic, &c. 507
 Maplet, J., therm. Bathonienses . . 781
 Mäpother, E. D., Lisdoonvarna spa 805
 Mappus, M., théé, café, &c. . . 368
 Marabelli, F., china gialla . . . 349
 — ossigeno . . . 602
 Marais, J. H., scille . . . 676
 Maranta, B., meth. cognos. simpl. . . 71
 Marat, J. P., mercurials . . . 489
 Marbot, C., dysenterie . . . 204
 Marc, A., anesthésie locale . . . 125
 Marc, C. C. H., sulfate de fer . . . 441
 Marcacci, G., perclor. di ferro . . . 439
 Marcel, C. N. S., folie alcoolique . . 210
 Marcel, —, de cort. Peruviano . . . 351
 Marcello, C., aconito napello . . . 204
 Marcet, A., stramonium . . . 398
 — Brighton chalybeate . . . 785
 Marcet, W., alcoholic intoxication 213
 — action of alcohol . . . 213
 Marchal, —, térébenthine (vapeur) 724
 Marchand, —, mercure . . . 490
 Marchand, E., gratiolo . . . 453
 Marchand, L., c. ffeca . . . 373
 Marchand, L., croton tiglium . . . 390
 — térébenthacés . . . 724
 Marchand, R., bromure de potas-
 sium . . . 641
 Marchiori, G., del tartaro stibico . . 244
 Marco, J. de, chocolata . . . 731
 Marcq, P. A., émétiques, &c. . . 157
 Marquis, W., aloë morbifuga . . . 219
 Marcus, A. F., therapie . . . 7
 — magaz. für. therap. . . 58
 Marcus, K. J., de coffea . . . 372
 Mardorf, J. J., solanum furiosum 272
 Marduel, —, chloroforme . . . 334
 Mareillaux-Crespiat, R. E., copahu
 385, 391
 Mareska, D. B. J., chloritum . . . 143
 Maret, H., blé ergoté . . . 412
 — bains . . . 770
 Marfaing, E., alcoolisme . . . 218
 Marianini, P., solf. di chinina . . . 649
 Marie, E., tartre stibié . . . 244
 Marie de Saint-Ursin, P. J., arthri-
 tis, &c. . . 41
 Marieau, —, suffumigatio . . . 86
 Marincovich, P., succ. tithymal. . . 426
 Marino, G. A., olio d'olivo . . . 533
 Marinus, J. R., grenadier . . . 645
 Markham, C. R., chinchona
 357, 358, 360
 Markmueller, J., sapo venet. . . 674
 Markwick, A., spongio-piline . . . 692
 Marley, M., opium . . . 594
 Marmé, W., thallium . . . 725
 Marmet, W. A., colica . . . 43
 Marmy, M. J., injections iodées . . . 520
 Marogna, N., de amomo . . . 318
 Marquard, J., therapeutica . . . 1
 Marquart, L. C., origanum . . . 600
 — scammonium . . . 675
 Marques, J. A., syphilis . . . 53
 Marquis, A. L., gentianes . . . 448
 Marquis, F., thé . . . 723
 Marquis, J. L., scorbut. . . 41
 Marr, J., strychnia . . . 694
 Marrandan, B., tobago . . . 703
 Marrotte, —, apiol . . . 246
 — acétate de potasse . . . 635
 Marryat, T., therapeutics . . . 4, 807
 Marsat, A., nitrite d'amyle . . . 228
 Marsh, J. C. L., special therapeu-
 tics . . . 767
 Marshall, H., cocoa-nut tree . . . 367
 Marshall, J., arsenic . . . 258, 263
 Marsigli, L. F., bevanda Asiatica . . 368
 Mart, G. R., strychnine . . . 694
 Marteau, P. A., bains . . . 771
 Martel, C. J., stramonium . . . 399
 Marten, D., de acido et alkali . . . 104
 Martin, —, quinquina . . . 358
 Martin — (fils), quinine . . . 650

- Martin**, —, lait 537
Martin, A., aetherismus 109
 — chinin 653
Martin, A. J., thérapeutique 14
Martin, E., anesthésie 110
Martin, G., anesthésie locale 126
Martin, G. P., prép. de fer 434
Martin, J., sanguines 464
Martin, J. H., thérapeutique 19, 25
Martin, L. T., bains de mer 774
Martin, P. P., de kali sulphurati 643
Martin, u. Binswanger, chloroform 330
Martin de Gimard, A. N., mercure 490
Martin-Damourette et Pelvet, bromure de potassium 641
 — ciguë 383
Martin-Solon, F., alcalia vegetab. 808
Martineau, —, arsenic (toxicol.) 267
Martineau, E., eau 764
Martinelli, C., de salibus 183
 — amomo, &c. 318
Martinelli, J. B., fosforo 613
Martinet, J., alcali volatile 223
Martinet, L., thérapeutique 11, 14
 — térébenthine (2) 723
Martinez y Lechoe, de aloë 219
Martini, C., de oleo kajuput 294
Martini, J. N. v., de arnica 255
Martini, M. D., zincum 750
Martini, M. M., cort. Peruvianus 344
Martinius, V., de vesicantibus 193
 — sinapisms 681
Martinus, A. T., de melle 560
Martius, C., sennesblätter 679
Martius, E. W., macassar. giftbaum 233
Martius, G., hanf 305
Martland, R., vinum 744
Marty, G., alcoolisme 218
Marvand, A., alcool 217
Marx, C. F. H., therapentik 16
 — ableitende methode 146
Marx, M. J., eicheln 648
Marzolph, H. O., vin 744
Mascarel, J., phthisie 174
Mascaro, J. B., chloral 328
Mascher, A. W., de argento nitrico 251
Masing, R., spiritus vini 211
Mason, H., fungus (styptic) 187
Mason, S., tea 727
Maspero, P., segale cornuta (2) 417
Massa, N., de morbo gallico 683
Massaria, A., de purgatione 175
 — vesicantia 193
Massart, A., prép. arsenicales 260
Massart, E., diurèse 154
Massei, F., inalazioni 96
Musseloux, P. A. J., nitrate d'argent 253
Massie, M. A. C. E., mercure 492
Massie, T., polygala senega 678
Massul, —, cyanogène 144
Mastalier, E., petit-lait 544
Matham, L. de, rhabarbum 659
Matheis, G. de, medicamenti 66
Mathey, A., ipecacuanha 527
Mathey, J. M. L., perchlor. de fer 438
Mathias, A., mercurial diseases 490
Mathias, D. M., roborantia 188
Mathieu, N. J., brom. de potassium 641
Mathon, P., opium 585
Mathy, J. H. A., therapie 6
Matiegka, F., aqua 763
Matius, C. S., arsenicum 257
Mattei, J., opium 596
Matterer, C. A., de digitali 403
Matthei, C. H., sabina 533
Matthiolus, P. A. medicamenta 60
Matton, N. D., rage 50
Mattos, J. A. V. do., anacardium 229
Mattot, P., ptyalismus 487
Mauchart, B. D., butyrum cacao 731
Maurer, F. W., anti-epileptica 130
Mauri, G., de arsenico 259
Mauriac, C., syphilis 486
Maurin, —, quinquina 358
Maurin, R., cortex Peruvianus 339
Maurin, S. E., hist. de la thérap. 30
 — injections iodées 523
Maury, A., phénate de quinine 657
Maury, P. H., chloral 326
Mautt, J. F., de cort. Peruviano 344
Mauvillain, J., thea chinensium 725
Mavré, —, digitale 402
Maxfield, A., Beulah spa 798
Mayençon et Bergerot, —, anti-moine 239
 — arsenic 262
Mayer, C. v., lungenschwindsucht 54
Mayer, C. A., antimon. tart. 239
Mayer, J. C. A., chinarinde 347
Mayne, J., dispensatory 21
Maynward, A., on purgation 177
Mayo, H., the water cure 765
Mayow, J., tract. med.-phys. 423, 637
Mayr, A., ranunculus, sp. of 658
Maywood, R., mercury (2) 475
Mazade, J., frictions mercuriales 482, 483
 — chlorate de potasse 636
Mazerieux, —, caustiques 141
Mazet, R., émétique 243
Mazeyrie, J. J. L., douce-amère 690
Mazier, P., belladone 274
Mazini, J. B., mechanica med. 62
Mazzolini, F., solfiti 188
Mazzuchelli, L., stricnina 695
Meade, W., aquæ minerales 777
Meadows, A., Prescriber's Companion 80
Mecker, F., benzoësäure 287

- Mecklenberg, J. M., metalloids . . . 168
 Medarstadt, T., china-china . . . 342
 Medley, J., opium . . . 587
 — Matlock bath . . . 797
 Meesen, L., lichen d'Islande . . . 324
 — phthisie . . . 567
 Megevand, A., digitale . . . 408
 Mehliis, G. H. C., excitantia . . . 185
 Mehu, —, coton iodé . . . 452
 Méhu, A., houblon . . . 466
 Méhu, C., phosphore . . . 615
 — hypochlor. de soude . . . 688
 Meibomius, B., de usu vapora-
 tionum . . . 86
 — evacuantia . . . 160
 — de externorum usu . . . 190
 Meibomius, H., aqua calida . . . 756
 Meibomius, J. H., de oleorum usu . . . 172
 Meier, C. E., soda . . . 685
 Meier, F. W., æthiops vegetab. . . 444
 Meier, J. A., de prophylaxi . . . 173
 Meillet, A., colique de plomb . . . 435
 Meisner, L. F., panacea lapsorum . . . 254
 — de camphora . . . 301
 — coffea, thea, &c. . . 369
 Meissner, C. L., cort. Peruv. substit. . . 359
 Meissner, E. T., scrophul. . . 45
 Meissner, G., sauerstoff . . . 604
 Mel, F. P., mel . . . 559
 Melandri, G., colchicum, &c. . . 374
 Melart, G. C., emetica . . . 156
 Melón, E. G., de erythrais . . . 422
 Meli, D., pepe e peperino . . . 622
 Melissino, A., chinchina . . . 351
 Mellesinus, J. S., scordium . . . 725
 Mello de Souza Brandão e Menezes,
 L., nitrate d'argent . . . 252
 Melsens, M., iod. de potass. . . 524
 Meltzer, C. D., de sale ammoniaco . . . 226
 — borax . . . 686
 Mena, F., de purgantibus (2) . . . 175
 Menard, J. L. M., thérapeutique . . . 8
 Mendel, M. H., moschus . . . 571
 Mendel, P., saccharum . . . 667
 Mender, D. E. P., analysis anti-
 monii . . . 237
 Mendini, L., china . . . 354
 Meneghini, G. M., de ferro . . . 433
 Manicacci, C. A., lactuca . . . 546
 Menière, E., malad. de l'oreille . . . 53
 Ménière, L. P., absorption par
 les membranes . . . 81, 82
 Menke, C. T., taraxacum . . . 721
 Mennini-Bettini, J., de scilla . . . 676
 Menou, J. J. C., iode . . . 516
 Mensching, J. H., aer fixus . . . 316
 — aer dephlogisticatus . . . 602
 Menso, H., de stibio . . . 239
 Mente, C., lac . . . 537
 Mentz, J. G., phosphorus . . . 611
 Meo, J. B. de, lacertole . . . 544
 Meola, J. B., belladonna . . . 275
 Méplain, F., café . . . 373
 Méra, J. Z. de, febres intermit. . . 40
 Mérandon, L., potasse . . . 634
 Mérat, F. V., dict. de mat. méd.
 et thérap. . . 11
 — colique métallique . . . 630
 — grenadier . . . 646
 Mérat, &c., quinquina de Pitayo . . . 354
 Merch, C., de auro . . . 281
 Mercier, A. A., tabac . . . 719
 Mercier, B., noix vomique . . . 698
 Meredyth, C., mercury . . . 485
 Merenda, J. P., evacuandi ratio . . . 160
 Mericq, —, valériane . . . 736
 Merlet, J., antimoine . . . 235
 — cantharides . . . 306
 Merriman, S. W., chloroform . . . 111
 Méry, F. C., sulfate de soude . . . 686
 Meryon, E., therapeutics . . . 34
 Merz, C. F., de caricibus . . . 319
 Merz, J. J., de digitali . . . 400
 Mesko, J., de camphora . . . 303
 Mesny, A. M., régime lacté . . . 542
 Mestre, J. A., eau . . . 762
 Mestrude, F., iode . . . 525
 Mesua, J., meth. therapeuticae . . . 1
 — purgantia . . . 176
 Mettemberg, J., absorption cutanée . . . 81
 Metternich, A. F., schncrose . . . 661
 Metz, —, sarsaparilla . . . 634
 Metzger, G. B., de hirudine . . . 460
 Meunier, A., acide hydrocyanique . . . 508
 Meurein, V., capsules de pavot . . . 606
 Meurer, H. F., mercur. sublimat. . . 500
 Meuriot, A. J., belladone . . . 277
 Meurs, R., remedia externa . . . 191
 Meusnier, A., digitale . . . 407
 Mey, M., lungenschwindsucht . . . 57
 Meyden, T. de, vinum . . . 741
 Meyer, B., mercurialia . . . 475
 Meyer, C. A., ipecacuanha . . . 155, 537
 Meyer, E. v., salicylsäure, &c. . . 135
 Meyer, F., ol. jecoris aselli . . . 569
 Meyer, F. A. A., cort. angusturæ . . . 231
 — angustura-rinde . . . 231
 Meyer, G. J. G., de kresoto . . . 337
 Meyer, H. E. L., opium . . . 591
 Meyer, J. J., salix fragilis . . . 670
 Meyer, J. C., de clysanatibus . . . 98
 Meyer, J. F., chloroform . . . 331
 Meyer, J. K., nicotiana . . . 715
 Meyer, L., oxydum carbonicum . . . 317
 — de fuco crispo . . . 335
 — fucus vesiculosus . . . 444
 — opium . . . 596
 Meyer-Ahrens, C., kossobaum, &c. . . 129
 Meykow, E., rheum . . . 600
 Meynet, G., dermatologie . . . 51

- Meyssonier, L., œnologie . . . 741
 Meza, J. Z. de, nicotiana . . . 714
 Meza, S. T. de, de usu vesicantium 194
 Mialhe, H., plomb . . . 631
 Mialhe, L., chimie . . . 24
 — l'art de formuler . . . 80
 — acide carbonique . . . 317
 — prép. de fer . . . 433
 — mercuriaux . . . 482
 — sublimé corrosif . . . 502
 — magnésie calcinée . . . 553
 — et Pressat, —, pepaine. . . 608
 Michael, G. A., anodyna venen. . . 126
 Michaelis, J., anatomia martis . . . 430
 Michalski, A., hypodermique 89, 90
 Michéa, —, valérianaute d'atropine 279
 Michel, E., sulfure de carbone . . . 314
 Michel, R. W., de artemisiis . . . 270
 Michell, W., orgot of rye . . . 414
 Michely, —, zanthoxylum . . . 749
 Mickwitz, —, belladonna . . . 273
 Midy, J., diluentia . . . 149
 Miedis, B. G., de sale . . . 687
 Mieg, J. R., nasturtium . . . 132
 Miede, J., de calomele . . . 496
 Miede, A. F., strychninum . . . 694
 Mignot, F., thérapeutique . . . 11
 Milcent, A., ciguë . . . 382
 Milbau, J. L., de semine carui . . . 319
 Milbau, —, caffeyer . . . 370
 — cacaoyer . . . 731
 Miltzer, J. G., moschus . . . 571
 Millar, F. X., anti-epileptica . . . 130
 Millar, J., on antimony . . . 238
 — on asthma, &c. . . 271
 Millars, F. X., kermes minerales . . . 246
 Miller, J., chloroform . . . 110, 330
 — alcohol . . . 212
 — watering places of G. B. . . 777
 Miller, J. R., solanæ . . . 691
 Millesby, S., thó . . . 729
 Millet, A., prép. arsenicales . . . 261
 — seigle ergoté . . . 419
 — prép. ferrugineuses . . . 434
 Millet-Lacombe, F. G., vératrine . . . 737
 Millon, E., acide nitrique . . . 578
 Millot, J. L., camphre . . . 303
 Milne, A., materia medica . . . 32
 Milner, C., inhalation . . . 94
 Milon, M., chlorate de potasse . . . 636
 Milon, U. F., belladone . . . 276
 Mills, T., mercury . . . 477
 Milton, J. L., death in the pipe . . . 718
 Minderer, R., aloedarium . . . 219
 — de vitriolo . . . 441
 Minettus, H., lignum sanctum, &c. . . 455, 684
 Minerba, M., pulmonite . . . 57
 Mini, P., vino . . . 741
 Minot, D. M., quinquina . . . 339
 Minozzi, A., de aloë . . . 220
 Minton, T., prophylaxis . . . 174
 Mion, L. J. A. H., fièvre intermit-
 tente . . . 193
 Miquel, A., chloral . . . 327
 Miquel, F. A. W., cinchona in
 Java . . . 361
 — pipor cubeba . . . 391
 Miquet, E., crésote . . . 388
 Miquet, J. S., hepatitis . . . 40
 Miramont, E. de, bains de mer . . . 774
 Mirone, G., iod. mercurioso . . . 502
 Mischkovicsew, M. N., cicuta . . . 382
 Mitchell, J. S., pyrrola, &c. . . 646, 735
 Mitchell, T. D., materia medica . . . 21
 Mitchell, S. L., oxyde of azote . . . 580
 Mitscherlich, C. F., blei . . . 629
 Mitscherlich, C. G., arzneimittel-
 lehre . . . 159, 170
 — acid acetic, &c. . . 201
 — kupferoxyd . . . 393
 Mitscherlich, G., hydrargyrum . . . 481
 Mitscherlich, G. A., cacao (2) . . . 731
 Mittie, J. S., mercure . . . 474
 — salivation . . . 488
 Mizaldus, A., see *Mizauld, A.*
 Mizauld, A., senna . . . 678
 Moaligou, N. A. M. le, sublimé . . . 501
 Modéer, A., tal, om usgra, &c. . . 74
 Model, J. G., mutterkorn . . . 411
 Modell, D., borax . . . 686
 Modry, M., molkenkur . . . 544
 Moebius, G., emetologia . . . 154
 — anatomia camphoræ . . . 300
 Moeckel, H. A., croton, &c. . . 389, 408
 Moehrlen, J. P., médicaments . . . 69
 Moeller, G. C., de melle . . . 559
 Moeller, J. C., ipecacuanha . . . 527
 Moeller, V., colica saturnina . . . 630
 Mogge-Pous, B. M., emetica . . . 157
 Mohamed Salm Khân, therapeu-
 tics . . . 32
 Mohrbegk, G. L. J., rhabarb. . . 660
 Moireau, C. S., fer . . . 432
 Moitessier, A., salicine . . . 670
 Mojon, G., borace . . . 686
 Moj'sisovics, G., iodpræparate . . . 519
 Mold, B., sistema endermica . . . 84
 — uso dell olio . . . 86
 Molènes, J. J. V. de, aconitine . . . 205
 Moleschott, J., cloralo . . . 326
 Molinariis, S. de, ambrosia Asiatica . . . 726
 Molitor, V. J., iodin . . . 516
 Molkenboer, J. H., de colocyn-
 thide . . . 378
 Mollenbrock, V. A., cochlearia . . . 366
 Moller, J. F., de cort. Peruviano . . . 345
 Möller, see *Moeller.*
 Monaco, V., aqua calcis . . . 296
 Monardes, N., de malis citriis, &c. 362

- Monardes, N., *rosa* 663
 — *escorzonera* 676
 — *tabaco* 707
 Monchy, S. de, de opio 587
 Mouck, W. P., *secale cornutum* 416
 Moncrieff, J., *alkaline water* 106
 Moneglia, J. A., *aqua* 756
 Monestrol, M. D. de, *choléra* 303
 Moneta, C. J. v., *wasser* 759
 Monfenillard, P. E., *iodures* 524
 Monginot, D., *quinquina* 338
 Monguzzi, A., *alcooolismo* 212
 Monheim, J. P. J., *arsenikvergiftung* 264
 Monkewitz, J. H., *wandflechte* 607
 Monneret, E., *bismuth* 289
 Monnier, L. G., *cicuta* 379
 Monot, C., *chloroforme* 115
 Monrad, J. W., *verbena* 739
 Mons, J. B. v., *barytæ murias* 286
 Mountain, G. A. C., *thérap. méd.-chirurg.* 15, 38
 — *tabac* 717
 Montanus, J. B., *medicamenta* 60
 Monten, A., *fucus vesiculosus* 444
 Monte Figati, J. A. de, *praxis medica* 73
 Monteggia, J. B., *salsapariglia* 684
 Monteverdi, A., *china* 357
 — *chinina* (2) 654, 655
 Montfort, L., *eau* 769
 Montgomery, H. B., *mat. medica* 25
 Montgomery, W. F., *anæsthetics* 112
 Montmahon, E. S. de, *morphine* 564
 M(oor), A., *pidax petreia* 799
 Moore, C., de *vesicantium usu* 194
 Moore, E., *vinum* 745
 Moore, E. W., *mercury* 482
 Moore, J., *eau médicinale* 376
 — *digitalis* 401
 Moore, S. W., *oxyde of bismuth* 288
 Moquin-Tandon, A., *hirudinées* 463, 464
 Morand, J. S., *tabac* 718
 Morandi, M., *della rabie canina* 571
 Moreau, A., *sulf. de magnésie* 554
 Moreau, J., *cubèbe* 391
 Moreau, J. M. F., *absinthe* 267
 Moreau, R., *plomb* 633
 Moreau, S., *Cheltenham spa* 788
 Moreau, W., *nitrate d'argent* 250
 Moreau de Tours, J., *hachisch* 304
 — *datura* 399
 Morel, L. P. H., *alcalins* 106
 Morellus, P., *meth. præscribendi* 76
 Moreno y Mair, T., *coca* 422
 Morewood, S., *inebriating liquors* 185
 Morgan, C. de, *chloride of zinc* 752
 Morgan, J., *chloroform v. ether* 121
 Morgue, C. L., *bains de mer* 771
 Morhof, D. G., de *auro* 280
 Moriarty, A., *mercurial lepra* 489
 Morin, J., *thérap. des ferrugi-neux* 433
 Morinière, P., *mercure* 480
 Moris, J., *rhus, sp. of* 662
 Moris, P. E., *phosphore* 614
 Morisset, P., *thea chinensium* 725
 Moritsch, N., de *aceto* 200
 Moritz, F. C., *convulsiones* 40
 Moritz, W., de *lino cathartico* 549
 Moroni, E., *curaro* 394
 Moroni, F., *chininæ sulphas* 651
 Morra, V., *digitale* 408
 — *lauro-ceraso* 645
 Morris, J. D., *elaterium* 410
 — *empyreumatic oils* 512
 Morris, C., *scarlet fever* 49
 — *prunus Virginiana* 644
 Morscher, J., de *secali cornuto* 417
 Mortimer, W. H., *anæsthetics* 107
 Mortinson, N., *nux vomica* 698
 Morton, J., *bromide of potassium* 643
 Morton, W., *the ether discovery* (2)
 — 123
 Morye, —, *vapeur du charbon* 311
 Mosca, G., de *emeticis* 158
 Moseley, B., *coffee* 371
 — *sugar* 668
 Moser, F., *solutio calculi* 165
 Moser, P., *alcohol sulphuris* 705
 Moserinnus, J., *meth. diuretica* 154
 Mosler, F., *leukämie* 55
 Mosnier, L. T., *seigle ergoté* 417
 Mossel, J. M. A., *vératrine* 737
 Mossin, C. L., de *centaurio* 423
 Mossman, G., *on scrofula* 400
 — *Ilkley spaw* 794
 Motard, E. A., *arsenic* 259
 Mott, V., *statice Caroliniana* 693
 Mottet, —, *thérap. indigène* 21
 Mottini, P., *synopsis veronicarum* 740
 Mottola, T., *formul. terapeutico* 34
 Mouchon, E., *mousse carragheen* 335
 — *prép. ferrugineuses* 433
 — *salsepareilles* 685
 — *térébenthine* 724
 — *fébrifuges indigènes* 809
 Mouchot, A., *scille* 676
 Moulié, J., *sublimat. corrosiv.* 500
 Moulrierac, —, *soufre* 702
 Moultrie, J., de *emeticis* 156
 Moure, P. G. A., *thérapeutique* 19
 Mourier, A., *prép. d'argent* 253
 Mourlés, H. M., *phosphate cal-cique* 298
 Mourion, — *bismuth* 289
 Mourlon, F. A. L., *chloroforme* 331
 Mourson, J., *méd. antiseptique* 133
 Moutard-Martin, E., *arsenic* 262

- Moutard-Martin, E., bromure de
 potassium 641
 — cinchonine 652
 Moynac, L., caoutchouc 310
 Muche, F. G. A., de castoreo 320
 Muecke, J. H., persicaria 633
 Mueller, see Müller.
 Mugis, P. N., de antisepticis 133
 Mühlhoffer, J., alcaloidea 104
 Muhry, C., seebaden 772
 Mühry, G. F., aer fixus 316
 Mulder, G. J., de opio 594
 — wein (2) 745
 Müllkens, J. B., acid. phosphoricum 610
 Müller, A., de usu vesicantium 196
 — eau et glace 765
 Müller, C. J. G., bubo 42
 Müller, F. C., hydrarg. muriat. 500
 Müller, F. J., de vitro antimonii 237
 Müller, F. W., syphilis 54
 — harnröhrentripper 57
 Muller, G. A., de oleis ætheris 173
 — tartar fetidum 635
 Müller, G. W., alterantes 106
 Müller, H. A., kalinoïda 808
 Müller, J., virtutes herbarum
 — antimonidula 238
 — colchicum 376
 — tabac 717
 Müller, J. A. T., clematis vitalba 365
 Müller, J. C. G., mercurialia 473
 Müller, J. D., purgatio 177
 Müller, J. F., iodine 517
 Müller, J. J., quercus 648
 Müller, J. L. A., lithontripctica 165
 Müller, J. O., kaltwasser 764
 Müller, J. V., bleikrankheiten 630
 Müller, K., prhonrina 256
 Müller, K. M., juglans regia 531
 Müller, L. G., blutegel 463
 Müller, M. A., merc. præcip. rub. 503
 Munari, L., vesicatori 196
 Münch, B. F., belladonna (2) 273
 Münch, F., cuprum 393
 Münch, J. H., belladonna 273
 Münchmeyer, E. H. W., oxygen. 603
 Munck, E. Z., de adstringentibus 139
 Munday, H., opera de thea, &c. 368
 Munier, —, therap. de l'alcool 215
 Munk, P., and Leyden, E., phosphor 617
 Münnich, J. G. A., strychninum 695
 Munnike, J., atropa belladonna 274
 Munro, A., mineral waters 776
 Munro, A. (fil), opium 590
 Munro, D., mineral waters 777
 Münster, O. H., alcalina 105
 Munting, A., aloidarium 220
 — herba Britannica 666
 Münz, M., cinchona et ipecac., 359, 528
 Murat, G. H., de cathartics 178
 Murchison, Sir R., Cheltenham 788
 Murelle, L. S., anesthésie locale 125
 Murphy, E. W., chloroform 110, 115
 Murphy, P. J., mercury 491
 Murray, A., lues venerea 136
 Murray, A. J. G., extr. saturni 627
 Murray, J., inhalation 92
 Murray, J. A., apparatus medica-
 minum 64, 168
 — aloes 220
 — cort. Peruvianus 345
 — uva ursi 734
 Murray, J. C., snuff-taking 719
 — smoking 720
 Musa, Antoninus, herba vetonica 287
 Musæus, A., manna Israëlitarum 558
 Muscovitz, M., de cubebis 391
 Mushet, W. B., apoplexy 52
 Mustoph, A. F., aqua 759
 Muter, J., permauganates 173
 Muth, F., de digitali 405
 Mutiliana, J. R. de, serum lactis 543
 Mutis, J. C., quina 348
 Mutonus, N., de opii usu, &c. 283
 Mutzer, F., de nitro 638
 Muys, W. G., de sale ammoniaco 226
 Myddleton, P., Bath waters 783
 Mylius, J. D., anatomia auri 280
 Mynsicht, H. à, thesaurus med-
 chym. 76
 Myrtle, A. S., Harrogate waters 793
 Nagel, A., strychnin 696
 Nagel, J. B., remedia 65
 Nagel, L. A., cardamine pratensis 318
 Nagel, M., de opio 595
 Naironus, A. F., café 368
 Namias, G., studi terapeutici 16
 — cloro 330
 — iodo 521
 Napheys, G. H., therapeutics 32
 Naphtalisoehn, E., antimonialia 238
 Napieralski, E., chloral 326
 Naranjo, A. J., chloroforme . 120, 334
 Nárázan Dáji, materia medica 29
 — ailantus excelsa 208
 Narcissus, F. G., nitrum 638, 334
 Nardius, J., luctis analysis 536
 — de manna, &c. 556
 Nardo, J. D., seigle ergoté 418
 Nardo, L., cortex pini, &c. 621, 622
 Narr, J., acida 103
 Nash, J., de usu arsenici 259
 Nasse, C. F., therapie 12, 17
 Nathan, E., æther-rausch 109
 Nathan, S., de tonicis 188
 Nativelle, C. A., digitale 408
 Natrowski, R. G., veratrinum 737
 Naumann, F. C., narcotica 170
 Naumann, M. E. A., therapie 21
 Náváyan Dáji, see Nárázan Dáji.

- Navier, P. T., arsenic (toxicol.) 263, 501
 — éther nitreux 423
 — cacao 731
 — vin de champagne 743
 Nay, —, therapia 7
 Neale, A., ergot of rye 414
 — de acido nitrico 578
 — Cheltenham waters 788
 Neal, or Neale, G., agaric 207
 — spadacrene Eboracensis 792
 Neale, M., lobelia syphilitica 550
 Neander, J., sassafrasologia 675
 — tabacologia 709
 Nebel, —, de plumbo 627
 Nebel, C. L., de secali cornuto 411, 412
 Nebel, D., de balsamo copayba 385
 — rosmarinum 664
 Nebel, D. W., de ferro 432
 Nebel, J. B., de cort. Peruviano 342
 Necker, N. J. de, tussilage, &c. 609
 Nectoux, H., séné 678
 Neebe, C. W., kupferoxyd 393
 Nees von Esenbeck, C. G., de cin-
 namomo 362
 Nees von Esenbeck, T. F. L., alyxia 221
 Negri, A. de, digitalina 407
 Negri, E., secale cornutum 416
 Négrier, G., juglans regia 531
 Negus, R. P., leeches 465
 Nehemias, A., de purgatione 175
 — aqua 755
 Neidhard, C., crotalus horridus 679
 Neis, C., anesthésie locale 126
 Neligan, J. M., medicines, use of 68
 Neligan, M., de ferro 432
 Nelson, W., Peruvian bark 350
 Nenter, G. P., de vesicator usu 193
 Neostadius, J., tobak 713
 Neroni, V., fracture 54
 Nesbitt, W., watering places of
 Great Britain 777
 Nessel, M., medicinal waters 775
 Nessi, G., acqua ! 761
 Nessler, J., iodquecksilber 502
 Nestler, C. G., potentilla 644
 Netschajeff, —, arsenic (toxicol.) 265
 Netter, A., choléra 92
 — pourriture d'hôpital 304
 — choléra 767
 Neubauer, C., salicyläure (2) 670
 Neubert, J., kaffee 372
 Neuberth, —, delirium tremens 43
 Neufeld, O., ozon 604
 Neuffer, J. L., sulphur 701
 Neufville, Z., aer fixus 315
 Neumann, A. C., therapie 28
 Neumann, C., camphora 300
 — de opio et caryophyllis 319
 Neumann, C. G., therapie 7, 13
 Neumann, G., de castoreo, &c. 320
 Neunes, C. E. A., de cort. Peru-
 viano 348
 Neurohr, —, de cort. Peruviani
 succedaneis 359
 Neuvirth, A. J. N., acida 102
 Neves Mello, A. J. das, cinchona 351
 Neveux, J. N., vapor mephiticus 311
 Nevill, J., gonorrhœa 489
 Nevins, J. B., transl. of British Ph. 68
 — analysis of Brit. Ph. 80
 Nevinson, R. S., on crude mercury
 and castor oil 663
 Newman, J. W., on solvents 165
 Newnham, W., green tea 728
 Neyreneuf, F. V., acide sulfurique 706
 Nicaise, E., affect. saturnins 632
 Nickels, J. F., iris 41
 Nicolai, —, marum officinale 725
 Nicolai, E. A., vires med. explo-
 rand. 74
 — formulæ 77
 — de clysterum usu 96
 — gum. ammoniacum 227
 — aqua 759
 Nicolai, H. E. C., evacuatio 160
 Nicolaus, J., de calcarium usu 295
 Nicoli, A., de plumbo 627
 Nicolichia, A., tabacum 712
 Nicolle, E., tabac., opium, &c.
 305, 597, 719
 Nicolle, H. C., digitale 404
 Nicolle, J. C., de Por 283
 Niel, J. G., préparations d'or 281
 Nieland, J. J., opium et morphia 564
 Niemann, A., cocablättern 422
 Niemann, C. A., cantharides 307
 Niemann, C. G., cort. Peru-
 vianus 347
 Niemeyer, F., therapie 26
 Niemeyer, J. H. A., viola 746
 Nièpce, B., petit-lait 543
 Nieszkowski, L. E., iodoforme 525
 Nieter, A. J. C., hydrargyrum 479
 Nieuwenhuys, C. L., sodæ murias 687
 Nieuwenhuys, F. L. A., quinine 649
 Nigrisoli, F. M., china-china 339
 Nigrisoli, H., succus citrei, &c. 363
 — hirudines 460
 Nikiphorakis, M., beurre d'antim. 810
 Nimptsch, U. S., medicamenta 63
 Nisato, F., ammoniaca liquida 223
 Nissen, J., hydrargyrum 490
 Nissen, W., therapie 34
 Nissen, W. W., colica saturnina 630
 Noack, A., chinin 651
 Noell, P., colchicum 375
 Nogueira da Gama, M. J., cinna-
 mon 363
 Noguez, —, water 757
 Noirot, C. L., inflammations 185

Nolan, J., aqua	763	Oppermann, C. H., ophthalmia	40
Nonne, J. P., antispasmodica	136	Oppert, C. G. T., angina mercuri-	
Noordaa, J. S. v., chloroforme	334	alis	491
Noppe, H., bains de mer (2)	772	Oppler, S., strychninum	694
Nörager, C., thea	727	Oppolzer, —, therapie	31
Norman, J., Plummer's pills	493	Opwydra, R. J., recepteer kunst	81
Norris, H., iodine	521	Ordronaux, J., prophylaxis	174
Norris, W., melanosis	49	Oré, —, chloral	328
Norstedt, C. P. U., de bardana	249	— injections du chloral (2)	810
Northcote, W., meth. conscribendi	77	O'Reilly, E., de acido mephitico	315
Norton, R., therapeutics	12	O'Reilly, J., modus operandi	69
Norwood, W. C., veratrum viride	738	— opium	596
(2)	738	— aqua	762
Nott, J., Bristol waters	785	Orfila, M. J. P., absorption des aci-	
Nott, J. C., leeches	463	des, &c. 103, 251, 282, 288, 483,	
Nouët, P., bains	770	631, 693, 751	
Nouffer (Madame), ténia (2)	442	— empoisonnement par les alcalis	105
Nouhuys, A. H. v., cort. Peruvia-		— arsenic (toxicol.)	265
nns	346	— conicine et nicotine	383
Noury, F. G., diosma	409	— nicotine	576
Noury, M. J., perchlor. de fer	440	— acides sulph. et azot.	706, 812
Nunn, —, opium	590	— acide tartarique	721
Nunneley, T., anæsthetics	112	Orfila, Busay, et Bouvier, tannate	
— hydrocyanic acid	510	de quinine	657
— Calabar bean	618	Oribasius, virtutes herbarum	59
Nuzelius, J., de aceto	200	Oriot, C., de aperientibus	137
Nyberg, C. J., de aere fixo	315	Orjollot, P. A., seigle ergoté	412
O'Beirne, J., defæcation	98	Orlowius, A. J., de cort. Peruv.	
Oberlin, G. H., opium	587	rubro	347
Oberlin, L., colchique	376	Orlowski, C. F., inhalatio ætheris	111
Obicius, H., vesicantia	193	Ornellas, A. E. d', vomissement	158
Ochs, J. F., sanguis draconis	409	— émétique, &c.	529
Ockers, J. B. C., cinchona	351	O'Rorke, —, aleurites triloba	219
Ockerse, C. F. R., de mercurio		— suc du citron	364
dulci	495	— euphorbiacées	427
Odeph, A., opium indigène	599	— manne des Hébreux	558
Oebecke, B., paralysis saturnina	632	— piper methysticum	622
Oeffner, A., chinin	656	Orpen, A. E., du usu purgantium	179
Oegg, J., psychische krankheiten	44	Orrillard, V. A., quinquina	356
Oerio, C., hydrargyrum	468	Orry, A. R., colique de plomb	630
Oesterlen, J. F., therapie	20	Ortal, A., eucalyptus globulus	425
Oettinger, F. C., de cinnabari	498	Ortega, C. G. de, de cicuta	379
— rubia tinctorum	665	— pimenta	428
Oettinger, W., narcein	575	Örtel, E. F., wasser (3)	763
Offret, —, café	373	Ortignier, B., moxa	269
Offret, G. P., chloral	327	Örtly, —, purgantia	179
Ogniben, A., nitrogeno	580	Osann, E., saturnum	627
Olavide, J., acido fenico	313	— heilquellen	778
Oliphant, C., vomiting in fevers	154	Osborne, J., med. prop. of plants	75
Oliver, W., Bath waters	782	O'Shaughnessy, Sir W. Brooke,	
Ollier, E., opium	595	Indian hemp	304
Ollivier, A., albuminurie saturn.	632	— iodine	517
Olmade, —, méth. antiphlogis-		Ostendorf, J., tabac	710
tique	130	Ostermann, J. C. O., de tartaro	
O'Neill, F., digitale	408	emetico	240, 243
Onfray, L. J., perchlor de fer	440	Oswald, J. H., obesitas	40
Oosterdyk, N. G., de aceto	200	Oswald, J. A., de hydrargyro	477
Oppenheim, F. W., lustseuche	131	Ottaviani, V., china	352
— quecksilber	480	Otto, —, vomitoria	156
		Otto, B. C., fumaria	445

- Otto, B. C., scrophularia . . . 677
 Otto, C., hydrargyrum . . . 479
 Otto, G. C. A., de carduo benedicto 322
 — meth. diuretica . . . 154
 Otto, J. G., dulcamara . . . 689
 Otto, J. W., de arsenico . . . 259
 Otto, K. A. F., blutegel . . . 463
 Ooudemans, A. C., kina-alkaloïden 358
 Oulmont, —, digitale . . . 407
 — hyoscyamine . . . 512, 513
 Ourgaud, —, valérianate de zinc . 752
 Outhov, G., manna Israëlit. . . 558
 Ouyere, F. P., on yellow fever . 239
 Overbeck, J. H., meth. præscri-
 bendi . . . 77
 Overbeck, R., mercur u. syphilis 492
 Overhamm, B., de arsenici usu . 260
 Overkamp, F. J., alcalina . . . 105
 Ovington, J., tea . . . 727
 Owen, E., Bristol waters . . . 785
 Owen, P., de mercurio . . . 471
 Owen, W., mineral waters . . . 777
 Oye, R. van., sel ammoniac . . . 226
 Ozanam, C., anesthésie . . . 116
 — venin des arachnides . . . 248
 — brôme . . . 291
 Ozenne, G., quinquina . . . 352
 Paarmann, P. M., quassia . . . 647
 Paasche, see *Pocadius*
 Pachalis, —, de papavere . . . 606
 Pacht, G., alcaloïdes . . . 104
 Pacini, L., belladonna . . . 275
 Pacini, P., choléra . . . 52
 Padeira, R., de secali cornuto . 415
 Paacken, M. A., acid. tartaric. . 721
 Paganuzzi, L., citr. di ferro . . 436
 Pagenstecher, F., linum cathart. 549
 Pages el Escola, J., prep. del oro . 281
 Pagés-Lalanne, J. L., opium . . 595
 Pagez, —, ratanhia . . . 534
 Pagliari, G., acqua . . . 766
 Paillard, A., injections iodées . 525
 Paine, M., materia medica . . 17, 21
 — modus operandi of med. . . 68
 Pairman, R., sulphur cure . . . 704
 Paiva, M. J. H. de, febre . . . 102
 — vesicantia . . . 195
 — purificar o ar . . . 149
 Pajon de Moncets, P. A., tabac . 713
 Pajot, —, chloroforme . . . 335
 Palais, B., colique métallique . 130
 Palatius, P., aqua . . . 755
 Paliard, V., cinchonine . . . 656
 Pallas, J. F., de chrysoplenio . 336
 Pallierius, F., de lactis usu . . 537
 Pallotta, G., salsapariglia . . . 684
 Pallu, V., tabacum . . . 710
 — et Tardy, C., vinum . . . 742
 Palman, J. F., charbon de bois . 310
 Palmarius, J., see *Paulmier, J.*
 Palmer, A. H., quinia . . . 653
 Palmer, J., de sudoriferis . . . 147
 Panck, E., leberthran . . . 567
 Pant, D. E. van der, artemisia . 270
 Pantaleon, — (de lacte) . . . 536
 Pantelius, M., de mercurio . . . 468
 Pantelius, P., de opio . . . 565
 Panthot, J., succus limonum . . 363
 — mercure . . . 463
 — sulphur . . . 701
 Panzeri, A., de asafoetida . . . 271
 Papen, C. H., spiritus vini . . . 209
 Papillaud, L., méd. arsenicale . 261
 Papillon, E., méd. antipyrétique . 132
 Papin, G., malad. syphilitique . 137
 Paping, B. J., de sulphuret. calcis 239
 Paquet, —, gutta percha . . . 457
 Paquet, A., acide thymique . . 731
 Paquier, —, eau épurée . . . 773
 Paradys, N., therapeutica . . . 4
 Paravaz, J., perchlor. de fer . . 438
 Parchappe, M., révulsion . . . 146
 Parent, H., tabac . . . 720
 Parent-du-Chatelet & Darcet, tabac 716
 Parenti, P. A., china-china . . . 343
 — sal absinthii . . . 635
 Paret, J. A., valérianate de caféine
 (2) . . . 293
 Parigot, J., folie . . . 48
 Paris, J. A., pharmacologia . . . 78
 Pariset, F., acide picrique . . . 620
 Parisius, P., vino ed oglio . . . 171
 Parisot, L., absorption externe . 83
 Parker, H., ligature and agaric . 207
 Parker, Langston, cancer . . . 49, 151
 — syphilitic diseases . . . 137
 — mercurial vapour bath . . . 483, 486
 Parker, T., on fever . . . 189
 Parker, W., Bath waters . . . 784
 Parkes, E. A., composition of
 urine, &c. . . . 154
 — action of alcohol . . . 216
 Parkin, J., carbonic acid gas (2) . 317
 Parkinson, G., artificial palates . 309
 Parmentier, A., lait . . . 539
 Parola, L., segala cornuta . . . 417, 419
 Parry, C. H., therapeutics . . . 10
 Parsons, J., lithontriptics . . . 164
 Pascal, N., guaco (2) . . . 563
 Pasquali, A., kalk . . . 297
 Pasquet-Labroue, J., injections
 sous cutanées . . . 90
 Pasquier, J. P. A., hultres . . . 600
 Passabosc, A., anesthésie . . . 121
 Passaguay, J. C. V., narcisse des
 prés 575
 Pasta, G., opium . . . 589
 Pasturel, P., vomitifs . . . 153
 Paternus, B., de purgatione . . 175
 Pathault, L., bromure de camphre 304

- Patin, C., sudorifera . . . 147
 Patius, R., hydrargyrum . . . 467
 Paton, M., laurier-cerise . . . 645
 Patrix, E. G., philosophie thérap. 38
 — pâte arsenicale . . . 258
 Patrouillard, C., des aconits, &c. 205
 Pauchet, —, opium . . . 592
 Pauchon, A., albuminurie . . . 218
 Paul, C., antagonisme en théra-
 peutique . . . 30
 — sulfites et hyposulfites . . . 188
 — pepsine, &c. . . . 608
 Pauli, A., succinum . . . 700
 Paulli, S., quadripart. botanicum . 60
 — tabacum, thea, &c. . . 370, 710
 Pullini, C. F., usus araneorum,
 &c. . . . 247
 — de jalapa 530
 — de nucis moschata . . . 573
 — salvia 671
 Paulmier, J., vinum, &c. . . 740
 Paulmier, P., hydrargyrum . . . 467
 Pauly, Z., de morbo saturnino . . 631
 Pauquy, C. L. C., belladone . . . 274
 Pautrier, —, sur les astringens . 139
 — opium 591
 Pavasi, C., cloralio idrato . . . 326
 Paxton, P., medicines 61
 — mercury 469
 — salivation 487
 Payan, P. S., antisypilitiques . . 137
 — hydrochlor. de baryta . . . 286
 — iode 520
 — seigle ergoté 417
 Payen, A., et Chevallier, A.,
 houblon 466
 Payer, J. J., see *Peyer*, J. J.
 Payne, H., de antimonio . . . 239
 Payne, M. H., carbolic acid . . . 312
 Paynel, T., guayacum 454
 Pazzini, G., alcaloidi 104
 Peacock, J., Dimsdale baths . . . 789
 Pears, C., cases of phthisis . . . 189
 Pearson, G., Buxton springs (2) . . 786
 Pearson, J., mat. med. luis vener. 136
 Pearson, J. A., Buxton baths . . . 787
 Pearson, R., broom seed 691
 Pearson, S. B., de vomitoriis . . . 156
 Peart, E., on scarlet fever . . . 223
 — on erysipelas 223
 Pecarrère, E., opium indigène . . 598
 Pechey, J., lignum nephriticum . 164
 — calumba wood 299
 — maldiva nut 367
 — ipepocanha 526
 Pechlinus, J. N., purgantia . . . 176
 — theophilus bibaculus 726
 Pécholier, G., thérapeutique . . . 28
 — alcool 215
 — créosote 389
 Pécholier, G., calomel 496
 — ipécacuanha 523
 — diète lactée 541
 — ricin 663
 — tartre stibic 810
 Peddie, A., delirium tremens . . . 211
 Pedell, H. G., diaphoretica . . . 149
 Pegano, —, terapeutica 29
 Peiper, W. H., cort. hippocastani . 206
 Peirce, R., Bath waters 731
 Pelikan, E., curare 394
 — nitro-glycerin 533
 Pelissard, L., conine 333
 Pelletan, G., jalap 530
 Pelletan, J., introduct. des médi-
 caments 81
 Pelletier, J., ipécacuanha . . . 523
 — acide nitrique 573
 — strychnine 693
 — &c., racine de kahiça . . . 293
 — et Caventou, J. B., quinquinas
 353, 649
 Pelletier, N., ferrum 430
 — saccharum 667
 Pellissier, A., hydrate de chloral . 327
 Pelon, E., anesthésie 115
 Peltier, G., triméthylamine . . . 732
 Pemel, R., medicamenta 61
 Pencati, G. M., lichene Islandese . 324
 Penilleau, A., café 373
 Penkzin, C. F., zincum 751
 Pannetier, G., gastrite alcoolique . 214
 Pennink, J. J., medicamenta . . . 66
 Penny, F., detection of aconite . . 204
 Pentzki, C. W., phosphorus . . . 611
 Pepe, V., platano orientale . . . 624
 Pepper, W., berberine et cinchonia
 287, 651
 Péraire, E., sur le persil 246
 Percival, T., essays, medical, &c. . 133
 — columbo root 299
 — poison of lead 629
 — water 758
 — Buxton waters 786
 Percy, J., alcohol 210
 Percy, L., acidum oxalicum . . . 600
 Percy, S. R., digitalin 407
 — phosphorus 614
 — veratrum viride 738
 Peregrine, T., hydrargyrum . . . 481
 Pereira, A., quinine 651
 Pereira, J., materia medica . . . 23
 — selecta e prescriptis 79
 — cardamon 318
 Pereira, M. da Silva, china-china . 340
 Perenotti de Cigliano, P. A., mer-
 curio 475
 Perer, P., ammoniacque 226
 Peretti, P., acido lattico 545
 — valerian di chinina 657

- Pereyra, E. J., huaco . . . 562
 Perez, G., de balsamo . . . 283
 Pergaud, P. P., vers intestinaux . 44
 Perin or Perrin, J., balsams . . . 283
 Perla, F., narcotici . . . 170
 — opobalsamum . . . 283
 Pernaver, G. F., panacea mirabilis 280
 Pernumia, J. P., therapeutica . . . 1
 Péron, F., bétel . . . 622
 Perone, A., colera . . . 45
 Péronne, V., alcoolisme . . . 216
 Pérot, —, emmenagogues 159, 532, 666
 Perrault, P., cort. Peruvianus . . 339
 Perreau, J., antimoine . . . 235
 Perreau, P., elaterium . . . 410
 Perreau, —, lac (milk) . . . 536
 Parrier, J. L., préservatifs . . . 173
 Perrier, O., colchique . . . 376
 Perrin, M., anesthésiques . 117, 122
 — anesthésie chirurgicale . . . 118
 — alcool, &c. . . . 213
 — boissons alcooliques . . . 213
 Perrin, M. C., huile de foie de morue . . . 568
 Perriquet, C., strychnine . . . 694
 Perrone, P., therapia . . . 16
 Perry, C., Stratford waters . . . 801
 Persius Trevius, de sero lactis . . 543
 Personne, J., lupulin . . . 466
 — mercure 484
 — huile de foie de morue . . . 569
 Peschier, C., tônia 443
 Pessani, P., de helleboro . . . 459
 Pétavel, J., liq. iodo-tannique . . 526
 Petermann, J. F., de terra ponderosa . . . 285
 Peters, J., Lewisham waters . . . 796
 Petif, C. L., phthisis 40
 Petit, A., syphilis 131
 — canstiques 141
 — acide cyanhydrique . . . 510
 — triméthylamine 732
 Petit, C., boissons alcalines . . . 106
 Petit, E., strychnine 695
 Petit, E. A., morphia et opium . . 596
 Petit, H., café 373
 Petit, M. J., collodion 377
 Petit, P., thea (carmen) 726
 Petit, P. H., pavot 606
 Petit-Dugour, P. A., cainca . . . 294
 Petit-Radel, P., lait 539
 Petiteau, S., iodoforme 525
 Petitmaitre, S., nicotiana 714
 Petócz, M., kaffee 371
 Petras, C., kaltwasser 706
 Pétrequin, J. E., anesthésiques (2) 119
 — lactes 163
 — manganèse 555
 Petri, P. de, formul. antidifterico . 56
 Petri, W., hydrotherapie . . . 767
 Petri v. Hartenfels, G. C., card-
 nus sanctus 321
 Petrini, P., narcéine 575
 Petroz, A., thérapeutique . . . 29
 Petsch, C. A., ol. jecoris aselli . . 567
 Pettenkofer, M., mikania guaco . . 562
 Petzold, J., palma christi . . . 662
 Petzschius, C. H., de millefolio . . 201
 Peucer, K., succinum 700
 Peudefer, H., emploi de l'arsenic . 258
 Peval, L. C. de, purgantia . . . 180
 Peyer, J. J., de cort. Peruviano . . 342
 Peyrat, A., gluten 448
 Peyri, E. T., m'boundou . . . 559
 Peyrilhe, B., alkali volatil . . . 222
 Pfaff, E. R., digitalis 406
 Pfaff, J. E. A., hist. clysterum . . . 98
 Pfann, M. G., anodyna 126
 Pfautz, J., descriptio graminis . . 732
 Pfeffer, G. C., de pipere 622
 Pfeiffer, J., fungus melitensis . . 396
 Pfendler, G., opium 593
 Pfennig, J. G., emetica 156
 Pfister, J., combustio spontanea . . 46
 Pftzner, L., de atropino 278
 Pfindel, C. F. W., viscum 747
 Philander, E., Bath water 781
 Philip, A. P. W., mercury 481
 Philippeaux, R., coxalgie 53
 — cautérisation 141, 142.
 Philippar, J., eau 763
 Philippe, R., konso 291
 Phillips, C. D. F., materia medica . 35
 Phipson, T. L., phosphore . . . 614
 Phoebus, L., flatus 40
 Phoebus, P., arzneiverordnungslehre 80
 — china-rinden 356
 Picard, H., acide cyanhydrique . . 510
 Pichaud, J. A., acide arsénieux . . 261
 Pichler, J. F. C., meth. conscri-
 bendi 78
 — olea 84
 — de oleorum usu 173
 Pichler, —, arsenic (toxicol.) . . 264
 Picini, M., purgantia 176
 Pick, R., amylnitrit 228
 Pickel, G., de acido acetico . . . 201
 Pickells, W., œnanthe crocata . . . 582
 Pickford, P., de narcoticis . . . 170
 Picot, A., arsenic 261
 Picquet, J. B., sangsues 463
 Picus de Mirandula, J. F., de auro 279
 Pidduck, J., dietetic medicine . . 296
 Piderit, P. J., chinarinde surrogate 358
 Pidoux, H., thérapeutique . . . 15
 — matière médicale 22
 — phthisie 54
 Pied, L. G. E., iode 524
 Pienitz, J. C., unctio 85
 Pierantoni, G., frictio et calomelano 497

- Pierlot, M., valériane . . . 736
 Pierquin, C. C., génie intermit. . . 42
 — acide prussique . . . 508
 Pietre, S., diuretica . . . 153
 Pietri, —, anesthésie . . . 122
 Pietsch, J. V., de stibio veterum . . 236
 Pigeolet, —, laminaire . . . 547
 Pigeon, L. F., évacuans . . . 161
 Piggott, G. W., Harrogate spas . . 792
 Pgliacelli, L., solfo, &c. . . . 705
 Pihan-Dufeillay, O., quinine . . . 652
 Pillingen, M. Z., de bitumine . . . 289
 Pillot, C. E., hyoscyamine . . . 513
 Piné, J. A., goutte saturnine . . . 633
 Pinel, S., malad. du cerveau . . . 47
 Pinel de Golleville, —, quinquina . 354
 Pinet, F., nitrate d'argent . . . 253
 Pinker, C. F., medicamenta . . . 61
 Pinquet, C. E. A., rétréciss. du
 rectum 55
 Pinto, A. de, oxygen. 603
 Pio, J. B., viola 746
 Piollet, P., moxa 269
 Piorry, P. A., thérapeutique . . . 26, 30
 Piossek, F. B., chloroform . . . 332
 Piotrowski, J., acida 103
 Piovene, C., idrato di cloralio . . . 326
 Piquand, C. D. T., hypodermique . . 89
 Piquet, —, opium 591
 Pirek, J. L., de camphora . . . 301
 Pirocchi, P., calomelano 496
 Pirogoff, N., anesthésiation . . . 112
 Piromdi, S., muriate de baryte . . . 286
 Pitancier, —, clystères 98
 Pitat, J. A., seigle ergoté 419
 Pitcairn, A., meth. præscribendi . . 77
 — acida 101
 Pitcarne, O., on the stone 167
 Pitorius, P., opobalsamum . . . 284
 Place, F., granati cortex 645
 Plagge, M. W., therapie 16
 Plagnol, C., plomb 628
 Planat, F., picrotoxine 620
 Planchon, G., des quinquinas . . . 356
 — kermès du chêne 648
 Planchon, J. E., hermodactes . . . 460
 Plantard, J. M., quinine 656
 Platt, C., oxygen 603
 Plas, or Plazius, A. G., therapia . . 4
 — coffea 370
 Plaz, W. A., virtut. plantarum . . . 73
 — saccharum 667
 — tabacum 713
 Pleindoux, E., blanorrhagie . . . 42
 Pleischl, A., thee 729
 Plempius, V. F., cort. Peruvianus . 337
 Plenck, J. J., form. præscript. . . 78
 — pharmacia chirurgica 191
 — argentum vivum 472
 Plisson, F. E., asphyxia 43
 Plot, R., de origine fontium . . . 775
 Ploucquet, G. G., therapia 4
 — formula 78
 — vernix succinata 701
 Plouviez, —, thérapeutique . . . 24
 Plummer, J., evacuantia 160
 Plunket, P., de aere mephitico . . . 315
 Pluquet, F., quinquina 351
 Poehlmann, A. C. A., coniin . . . 383
 Poerner, C. W., therapeutica . . . 4
 Poggiale, A. B., medicaments . . . 69
 — alcalis 106
 — phosphore 616
 — sausepareille 684
 Pohl, J. C., de spiritus abusu . . . 209
 Pointe, J. P., tabac 716
 Poirot, —, phosphore 617
 Poisson, P., pulv. Peruvianus . . . 339
 Poiteau, A. (et Riaso), orangers . . 364
 Polack, M., nux vomica 699
 Polentz, M. C., de cardiacis . . . 140
 Poli, M., acidi 101
 Poliallon et Carville, —, inée . . . 515
 Polichronie, C. A., ipécacuanha . . 529
 Polisius, G. S., myrrhologia . . . 573
 Politzer, A., adstringentien . . . 139
 Poll, N., guayacum 454
 Polli, A., morphia 564
 Polli, G., malaria 162
 — solfite e iposolfite 187, 188
 Polya, J., anthrakokali 233
 Poma, F., morfina 565
 Pomiès, —, bismuth 289
 Pona, G., del vero balsamo . . . 283
 Ponet, F. L., opium 599
 Ponsard, A. de, medicamenta . . . 63
 Ponsalet, A., de iodio 517
 Pontanus, J. J., hort. hesperidum . 363
 Ponti, F., amaurosi nicotina . . . 655
 Pontier, S., émétique 243
 Pontoppidan, J., manna Israëlit. . 558
 Ponyrka, D., cinnabaris 496
 Pope, J., sarsaparilla 684
 Popham, J., sulphur 704
 Poppius, H. T., basilica antimonii . 235
 Porati, A., chermes minerale . . . 246
 Porlezza, P. L., calomelano . . . 496
 Porro, E., segala cornuta 421
 Porta, J., émétiques 156
 Porta, L., cloralio 326
 Portal, A., vapeurs méphitiques . . 311
 — traitement des noyés 715
 Porte, —, nécrose phosphorée . . . 617
 Portzius, J. D., vinum Rhenanum . 742
 Poscadius, H., purgatorium medi-
 cum 176
 Poscolan, G., de cathartics 177
 Posner, C., de manna 557
 Posner, L., arzneimittellehre . . . 30
 Postel, M. P., sucre 668

- Potempa, A., ol. jecoris aselli . 566
 Potier, A. J., sulfate de quinine . 649
 Potier, —, quinquina . . 351
 Pott, J. H., wismuthum, &c. . 288
 — borax, zinc . . . 686, 749
 — sal communis . . . 687
 Potter, N., arsenic . . . 257
 Pottier, C. A. A., brom. de potass. 642
 Poucet, J. C. A., vin . . . 744
 Pouchet, F. A., solanées . . 690
 Pouget, G., bains de mer (2) . 772
 Poujol, F. A., thérapeutique
 — antiphlogistiques . . . 13
 — antiphlogistiques . . . 131
 Poullet, F., nitrate d'argent . 253
 Poulle, A., de aère vitali . . 602
 Poumet, —, chlor. de mercure . 502
 Pourcher-Ducros, J. B., sangsues 462
 Pouteau, —, huile d'olive . . 583
 Praag, L. S. v., rhus, sp. of . 662
 Prade, — de, tabac . . . 711
 Præfectus, J., vinum . . . 740
 Prag, J. L. van, narcotica . . . 170
 Prange, A. D., camphora . . . 301
 Prat, P. L., usage du fer . . . 432
 Pratt, E., mineral waters . . 775
 — Leamington spa . . . 795
 Praun, J. de, purgantia . . . 178
 Prauserus, T., de lacte . . . 538
 Preiss, E., wasser . . . 766
 Preiss, L., arsenicum . . . 259
 Prescott, H. P., tobacco, &c. . 719
 Prescott, O., ergot . . . 412
 Presta, —, olio . . . 583
 Prestandrea, A., fucus vesicul. . 444
 Préterre, A., protoxyde d'azote (3) 581, 582
 Pretty, J. R., aids to labour . . 115
 Preuss, C. L., belladonna . . . 275
 Previtali, G., idrofobia . . . 328
 Prevost, J. L., délire alcoolique . 218
 — affusio . . . 762
 Preyer, W., blausäure . . . 510
 Price, J., de marte . . . 430
 Price, R., art of prescribing
 — sanguisuction . . . 463
 Price, T. D., magnolia glauca . 554
 Priestley, J., fixed air . . . 314
 Prieur, J. B. E., seigle ergoté . 419
 Prieur, L. D., croton tiglium . 390
 Prieur, V. S., méthode endermique 83
 Primrose, J., antimonial cup . 235
 Pringle, J., antiseptics . . . 133
 Prins, —, chinina murias . . . 651
 Prioleau, P. G., nitric acid, &c. . 577
 Prior, T., tar water . . . 623
 Pritakow, W., nux vomica . . . 699
 Probst, J. F. I., cantharides . 307
 Pröbeting, J. C. G., bismuthum . 288
 Prokach, J. K., syphilis-therapie . 486
 Prosky, P. C., de nitro . . . 638
 Prosperi, M. B., saccharum lactis 669
 Prost, P. A., choléra . . . 44
 Prout, E. A., quinine . . . 653
 Prout, W., on gravel, &c. . . 165
 Prudhon, E., sublimé corrosif . 500
 Prunier, L., glycérine . . . 451
 Pryse, J., Radnorshire springs . 799
 Przecziszewski, F., ammoniacum . 227
 Puczniewski, L., de venenis, &c. 309, 695
 Puel, J. A. E., ammoniacque li-
 quide . . . 224
 — cuivre ammoniacal . . . 393
 — phosphore . . . 614
 Puettmann, F. J., aqua . . . 759
 P(ugh), R., therm. Bathonienses . 781
 Puisaye, C. de, inhalat. sulfur. . 704
 Pujo, —, caustiques . . . 142
 Pullino, T., colera . . . 44
 Pulteney, R., cinchona . . . 344
 Pundt, J., de assætida . . . 271
 Purdon, H. S., copaiba . . . 386
 Purmannus, M. G., salivation . 487
 Purple, S. S., simaba cedron . . 680
 Purser, J. M., bromide of potas-
 sium . . . 641
 Puteanus, G., de purgantibus 175, 176
 — de aloë . . . 219
 Putegnat, E., syphilis des enfants 48
 Putel, A., silicate de soude . . 689
 Puteo, Z., gum. indica (gamboge),
 &c. . . 446
 — moschus . . . 570
 — xalapa, &c. . . 530
 Putnam, C. G., transl. of Louis . 243
 Puyganhier, H., oxyde de zinc . 751
 Puyton, C., diaphoretica . . . 147
 Puyramond, J., vin . . . 744
 Quandt, C. F., nitrum . . . 639
 Quarin, J. G. v., de cicuta . . . 378
 Quehl Max, —, apomorphin . . 247
 Quelmalz, S. T., de clysmatibus . 97
 — hydrargyrum . . . 470
 — pix liquida . . . 623
 — thea . . . 728
 Quelus, — de, cacao et sucre . 730
 Quentin, L., princip. mucilag. . 160
 Quer y Martinez, J., cicuta . . . 330
 — uva ursi . . . 734, 813
 Quesneville, —, thérapeutique . 24
 Queuche, J. J., cantharides . . 306
 Quevenne, T. A., ferrugineux . 434
 — lait . . . 540, 541
 Quin, C., digitalis . . . 400
 Quin, F. F., de arsenico . . . 258
 Quintou, J., de thermis . . . 775
 — Bath waters . . . 782
 Quinton, J. R., congelation . . 125
 Quiquebœuf, A., hydrargyrum . 467

- Quiquebeuf, A., lac asinum . . . 537
 Quissac, J., bains de mer . . . 772
 Quistorp, J. B., evacuantia . . . 160

 Raab, F., cinchona et ipecac. 359, 528
 Rabe, C., veratrine . . . 737
 Rabuteau, A., thérapeutique . . . 34
 — opium . . . 597
 Rabuteau, A. P. A., fluorures . . . 162
 Racle, V. A., alcoolisme . . . 212
 Racord, J., columbo . . . 300
 Radsey, J. F., narcotica . . . 169
 Radius, J., pyrola . . . 646
 Radloff, F. W., myristica . . . 574
 Radzibor, C. W., nux vomica . . . 699
 Raëment, C. B. A., epilepsia . . . 130
 Raffeneau-Delille, A., upas, &c. 233, 698
 Rahn, J. H., adversaria, &c. . . 346
 — de arcano tartari . . . 685
 Raho, V., digitalis . . . 404, 405
 Raimann, J. N. E. v., therapie . . . 8
 Ralph, T. S., prussic acid . . . 510
 Ramazzini, B., cort. Peruvianus . 340
 Rambach, J. J., de hydrargyrosi . 491
 — mercurius . . . 476
 Rambaldi, A., ambrosia Arabica . 368
 Rambaud, —, thérapeutique . . . 32
 Ramberger, H., crotonis oleum . 390
 Ramdohr, G., styracin . . . 699
 Ramniceanu, O., tabac . . . 719
 Ramspek, J. C., ol. cajeput . . . 294
 Ranchiu, F., térébenthine . . . 722
 Rancoulet, A. V., hydrothérapie
 maritime . . . 773
 Rand, J., digitalis . . . 401
 Randel, W., bandwurm . . . 46
 Randich, F., de astro montano . . 256
 Randolph, G., Bath waters . . . 782
 — Bristol waters . . . 785
 Ranke, H., chinin . . . 652
 — diuretische mittel . . . 809
 Rannos, S., de sero lactis . . . 542
 Ranœe, A. B., quassia . . . 647
 Ranque, H. F., plomb . . . 630
 — pyrothonide . . . 646
 Rapou, C. T., atmidiatrique . . . 86
 — méth. fumigatoire . . . 87
 — ann. de la méth. fumig. . . 87
 Rapp, W. von, arsenic (toxicol.) . 263
 — santonin . . . 673
 — veratrin . . . 737
 Rappolt, K. H., succinum . . . 701
 Rasia, D., café . . . 372
 Rasori, G., therapeutica . . . 18
 — febre de Genova . . . 240
 Raspail, F. V., camphre . . . 303
 Raat, —, diaphoretica . . . 148
 Ratjen, E., typhus abdominalis . 767
 Ratray, D., aqua . . . 758
 Rau, G. H., de acido benzoico . . 287
 Rauch, J. B. A., crocus . . . 389
 Rauch, J. G., de mercurii usu . . 469
 Raulin, J., mercure . . . 471
 — lait . . . 538
 Raumer, C. L., acria et narcotica 170
 Rauschenbusch, C., quercus, &c. 643, 648
 Ravà, G., amaurosi nicotinicæ . . 655
 Ravel, C., ergot de seigle . . . 420
 Ravelet, —, persicaire . . . 633
 Ravier, F., acide formique . . . 444
 Ravult, —, vinum . . . 742
 Rawitz, A., arsenik-vergiftung . 267
 Ray, A., ginseng . . . 450
 Ray, E., morphine . . . 564
 Ray, G., ol. pini æthereum . . . 622
 Raybaud, F., soude et potasse 634, 685
 Raymond, F., vésicatoire . . . 194
 Raynaud, A. E., opium et bella-
 done . . . 597
 Raynaud, M., révulsion . . . 146
 — bains froids . . . 769
 Rayner, J., cod-liver oil . . . 568
 Razoux, J., de cicuta, &c. . . 203, 511
 Re, F., ginsquiamo . . . 512
 Re, G. F., cort. de Peru. (succed.) 360
 — lycopos Europæus . . . 551, 811
 Read, —, seigle ergoté . . . 411
 Rebault, —, hydrargyrosi . . . 468
 Rebière-Laborde, G. G., ergot . . 420
 Reboul, H., digitale . . . 408
 Reboulleau, —, thapsia garganica 725
 Recanati, E., medicamenti . . . 66
 Reccard, J. F., camphora . . . 301
 Rectorius, L., guaiac. sarsa. 456, 684
 Reddelien, J. C., taxus baccata . 722
 Reder, A., syphilis . . . 51, 807
 Reder, A. A., ol. jecoris aselli . . 566
 Rediker, J. F. J., quercus . . . 648
 Redlich, C. W., colica saturnina . 630
 Redmond, W., antimony . . . 237
 Reece, R., Iceland moss . . . 324
 — lobelia, chirayita, &c. . . 325, 550
 — diosma . . . 409
 — gratiola . . . 453
 — rhatany . . . 535
 Rees, G., on hemoptysis . . . 157
 Rees, Owen, lemon juice . . . 364
 Rees, W. van, sudorifera . . . 149
 Reese, D. M., on epidemic cholera 209
 R(eeve), T., tar water . . . 623
 Reeves, H. A., laminaria . . . 547
 Rega, H. J., meth. medendi . . . 4
 Regenherz, A. B., sulph. antimonii 245
 Regnaud, —, quinquina (substi-
 tites) . . . 359
 Régnaud, C., cocotier . . . 367
 Regnaud, J., tannate de quinine . 657
 Regnault, J. B., moxa . . . 269
 — lichen islandicus . . . 324

- Regnier, A. G., thérapeutique . . . 9
 Reimann, J., quinquina (substit.) 359
 Reichard, J. J., cort. Peruvianus 345
 Reichardt, E., chinarinden . . . 355
 Reiche, C., fel taurinum . . . 429
 Reichel, C. F., china-rinden. . . 355
 Reichel, C. K., tabacum . . . 714
 Reichenbach, A. B., tabac . . . 717
 Reichenbach, C. v., kreosot . . . 387
 Reichuna, G. F., de opio . . . 586
 Reid, A. P., strychnia . . . 695
 Reid, J. S., secale cornutum . . . 416
 Reid, R., hydrochlor. of lime . . . 297
 Reid, T., sea-bathing . . . 771
 Reiff, —, mercure sublimat. . . 500
 Reil, J. C., therapie . . . 8
 Reil, W., monograph. d. aconit. . . 204
 — de carduo maris . . . 318
 — Journ. für Pharm. . . 807
 Reimarus, H. D., opium . . . 589
 Reimers, A. F. H., calomelas . . . 495
 Reimschneider, F. E., nicotiana . . . 717
 Reindel, T., oleum vini . . . 743
 Reinhard, C. L., therapie . . . 14
 Reinhardt, C. L., ol. Dippellii . . . 584
 Reinhold, C. H., de arsenico . . . 258
 Reinhold, S. A., de aconito . . . 203
 Reinick, G. G., de moscho . . . 571
 Reinick, J. E., vinum . . . 743
 Reinlein, J., de phosphoris . . . 612
 Reinsch, H., arsenik (toxicol.) . . . 266
 Reinwiller, A., phosphore . . . 614
 — plomb . . . 632
 Reis, N., febres . . . 45
 Reizeisen, —, antimonium . . . 236
 Reisig, J. B., sulphur . . . 702
 Reisman, J. G. H., cicuta . . . 379
 Reisse, H. S. E., lichen islandicus 323
 Reitmeier, M. F., evacuantia . . . 160
 Relhan, A., BRIGHTHELMSTON WATERS 784
 Relph, J., yellow bark . . . 349
 Remer, W., therapie . . . 8
 Remfry, H. O., Indian bael . . . 206
 Remmet, R. B., opium . . . 588
 Remond, F. M., caustiques . . . 141
 Remond, J., purgatifs minéraux . . . 181
 Renadot, E., l'antimoine justifié . . . 235
 Renard, J. A., lichen d'islande . . . 324
 Renard, J. C., chinariude surro-
 gate . . . 358
 Renard, —, acid. phosphoricum . . . 611
 Renauld, A., phosphore . . . 617
 Renault, A., alcoolisme . . . 218
 Renault, C., arsenic (toxicol.) . . . 263
 Renault, E., rage . . . 483
 Renaut, —, seigle ergoté . . . 416
 Renaut, J., intoxic. saturnine . . . 633
 Rendella, P., de vinea, &c. . . 748
 René, —, émétique . . . 241
 Renfeld, C. F., diaphoretica . . . 148
 Rengade, J., méd. pneumatique . . . 96
 Rennie, A., on gout . . . 375
 Renodæus, J., hydrargyrum . . . 467
 Renouard, V. P., seigle ergoté . . . 415
 Rensing, C., de emollientibus . . . 159
 Rentsch, T. E. T., clyster . . . 97
 Rese, G. H. A., nux vomica . . . 698
 Resler, J. P., emetica . . . 157
 — de nitrate bismuthi . . . 288
 Ressayne, A., pytalisme . . . 498
 Restaurant, R., kina kina . . . 339
 — de lacte . . . 537
 Rettori, L., see *Rectorius, L.*
 Reudenius, M., de gum. pur-
 gante . . . 445, 446
 Reulos, H., phosphore . . . 614
 Rensch, J., diaphoretica . . . 148
 Reuss, C. F., de lacte caprillo . . . 539
 Reuss, F. F., quinquina . . . 351
 Reuss, J. C. J., opium . . . 592
 Reutter, G. L. W., colica satur-
 nina . . . 630
 Reveil, P. O., l'art de formuler . . . 80
 — désinfectants . . . 150
 — lait (2) . . . 540
 Reviglio, M., china-china (3) . . . 354
 Rey, A., térébenthine (bains) . . . 724
 Reyffert, M. R., nux vomica . . . 699
 Reyman, J. N., de ferro carb. . . 435
 Reynaud, A. A. M., mercure . . . 482
 Reynolds, J., de lithontripticis . . . 165
 Reynolds, T., Bromley waters . . . 786
 Reynoso, A., curare . . . 394
 Rhades, F. G. F., hydrargyrum . . . 479
 Rheinwald, C., rhabarber . . . 660
 Rhind, W., intestinal worms . . . 128
 Rhodius, E., digitalis . . . 405
 Rhoer, M. J. de, borax . . . 686
 Rhyne, W. Ten., dissertationes
 (moxa) . . . 268
 — de frutice thée . . . 726
 Ria, G., idroterapia . . . 769
 Riach, J., arsenicum . . . 258
 Riadore, J. E., local treatment . . . 192
 — oxygen . . . 603
 Riant, —, café, thé, &c. . . 373
 Riban, —, quinquina . . . 352
 Riban, J., redoul (coriaria) . . . 396
 Ribb, W. W., action of medicines . . . 66
 Ribbeck, P., helleborus . . . 459
 Ribell, A., exostoes . . . 141
 — injections iodées . . . 525
 Ribes, F., hygiène, therap. . . 27
 Ricci, G., de digitali . . . 404
 Richard, A., cataracte . . . 48
 — caoutchouc . . . 309
 — ipécacuanha . . . 533
 Richard, F. J., camphre . . . 302
 Richard, N., sudorifera . . . 147
 Richardson, B. W., on alcohol . . . 219

- Richardson, B. W., on the blood . 224
 — nitrite of amyl 228
 — mandragora 278
 — lycoperdon 551
 — bichloride of methylene 562
 — tobacco 718
 Richaud, J. B., thérapeutique 15
 Richelmi, P., apoplexie 41
 Richelot, G., laits médicam. 541
 — salicine 669
 Richer, P., perchlorure de fer 439
 — serum lactis 543
 Richerand, A., therap. chirurg. 38
 Richet, P., quinquina 353
 Richon, M. P., prép. arsenicales 261
 Richter, A. G., therapie 7
 — de antiphlogisticis 130
 — de agarico 207
 — de sabina 532
 Richter, A. L., necrose 43
 — endermische methode 83
 Richter, C. A. W., eisenmittel 434
 — wasser 764, 766
 Richter, C. F., de cochinilla 366
 Richter, G. A., quecksilber 481
 Richter, G. G., vinum calidum 743
 Richter, G. H., meth. endermatica 83
 Richter, H. E., therapie 21
 — milch-kur, &c. 542
 Richter, J. C., carbo vegetabilis 310
 Rickmann, C., med. absorbent. 127
 Ricord, P., malad. vénériennes 45
 Ricordi, A., collodio (2) 377
 Ricotti, M., acet. di morfino 564
 Riddermarck, A., de ulmo 733
 Ridiger, A., medicamenta 63
 Riegé, C. A., caoutchouc vulcan. 309
 Rieger, J. A., atropa belladonna 274
 Rieken, —, carb. d'ammoniaque 224
 Riemer, G., medicamenta 63
 Riesenbeck, C. F. C., china regia 349
 Riesenberger, J. P., de ferro 431
 Rigby, E., red Peruvian bark 347
 — de iodino 516
 — sugar 668
 Righini, G., iodoformgnosie 525
 — ramno catartico 658
 Riley, J. C., materia medica 32
 Rilliet, F., iodisme 523
 Rinaldi, —, atractylis 272
 Rinaldi, J., de ferro 432
 Ring, J., on gout 377
 Ringel, F., ledum palustre 547
 Ringer, S., therapeutics 32
 Ringseis, J. N. v., system der
 medicin 17
 Ripamonti, D. M., ciouta 380
 Ripault, A., encéph. saturnine 632
 Risler, J., de verbasco 739
 Risler, W. G. S., artemisia 270
 Risso, J. A., hist. des orangers 364
 Ristelhueber, J., choléra 87
 — quinine 651
 Ritscher, E. H. B., therapie 25
 — lungenentzündung 45
 Ritter, B., wechselfieber 46
 — mutterkorn 418
 Ritter, E., bismuth 289
 Ritter, G. H., hæmorrhagia 40
 Ritter, J. F., quercus 648
 Ritter, —, opium 588
 Ritter von Rittershain, G., rachitis 51
 Rittler, A. W., lithonriptica 166
 Ritzerow, B. M. J., mercur. sulf. 500
 Riva, G., rheum 660
 Riva, S., citrato ammon. di ferro 436
 Rivallicé, A., trait. du cancer 221
 — moxa 269
 — acide nitrique 578
 Rivière, J. L., eau 761
 Rivinus, A. Q., analectica 126
 — anti-epileptica 129
 Rivinus, Q. S. F., vires plant. 71
 Robbe, L. A., choléra 54
 Robbi, J. H., phosphor 613
 Roberg, L., de vitriolo 430
 — pini resina, &c. 621
 Robert, A., chbroforme 114, 117
 Robert, E., secale cornutum 413
 Robert, J., et Serin, A., opium 586
 Robert, M. J. C., rubia tinctorum 665
 Robertson, J., cantharides 307
 Roberts, W., tannin, &c. 720
 Robertson, D. A., Calabar bean 618
 Robertson, J., de arsenico 258
 Robertson, M., morphia 564
 Robertson, R., Peruvian bark 349
 Robertson, W. H., Buxton waters 786, 787
 Roberty, —, eau 784
 Robin, A., sudorifica 147
 — jaborandi 620
 Robin, E., anesthésiques 114
 Robin, J. G., chlorures 143
 Robin, L., café 373
 Robinet, S., salsepareille 684
 Robinski, S., argentum nitricum 253
 Robinson, B., medicines 63
 Robinson, J., ether inhalation 107
 Robinson, J. H., lobelia inflata 550
 Robinson, N., on stone, &c. 164
 Robinson, S. H., cornel 387
 Robinson, T. W., de acido muriat. 505
 Robiquet, E., codéine 367
 Robiquet, P., amandes amères 228
 — moutarde 682
 — bicarb. de soude 685
 Roboretus, O., de febre peticulari 193
 Robson, W., vinum 744
 Rocardus, C., de plantis absinthii 267

- Roccas, A., bains de mer . . . 773
 Roch, E., blausûre . . . 508
 Roch, J., émétique . . . 240
 Rochard, F., iod. de mercure . . . 502
 Roche, —, eau de laurier-cerise . . . 645
 Roché, E. H., chirurg.-thérap. . . 37
 Roches, J. J. de, humulus lupulus . . . 465
 Rochet, L. E., anesthésie . . . 120
 Rochette, G., sangsues . . . 461
 Rochleder, F., chioococca racemosa . . . 294
 — rubia tinctorum . . . 665
 Roehon, J., refrigerantia . . . 181
 Rodamel, M., vésicatoires . . . 195
 Rodenberger, J. F., cort. Peruv. . . 344
 Rodet, A., opium . . . 596
 Rodewald, H. L., cort. Peruvianus . . . 349
 Roe, G. H., on hooping cough . . . 509
 Roebér, F. E., alcaloïdes . . . 104
 Roebér, F. F., aër mephitica . . . 317
 Roebér, H., Calabar-extractes . . . 619
 Roederer, C. G., filix mas . . . 443
 Roelen, F. H., uva ursi . . . 735
 Roell, C. C., veratrina . . . 737
 Roessig, K. G., mutterkorn . . . 412
 Rogé, —, kermes minérale . . . 246
 Roger, J., acide carbonique . . . 318
 Rogers, J., therapeutics . . . 33
 Rogers, P. K., liriodendron . . . 549
 Rogers, —, peat moss . . . 607
 Rogg, J., calomelas . . . 496
 Rogiss, C. G., aqua . . . 757
 Rognetta, F., ophthalmologie . . . 46
 — annal. de thérap. . . 57
 — arsenic (toxicol.) . . . 265
 Rohde, M., cinchona . . . 350
 Rohland, R. J., de acid. hydrocyan. . . 509
 Rohn, W., vomitoria . . . 155
 Roland, L. J. A., nitrate d'argent . . . 250
 Rolfincius, G., diaphoretica . . . 147
 — de purgantibus . . . 176
 — *αλαφολογία* . . . 322
 — mercurius . . . 467
 Rolflink, W., see *Rolfincius, G.*
 Rollet, J., syphilis, &c. . . 50
 Rollo, J., diabetes . . . 102
 Romand - Picquand, D., ramol-
 lissement cérébral . . . 50
 Romandini, A., acqua di mare . . . 774
 — acido fenico . . . 810
 Romauld, W. R., quinine . . . 651
 Römer, A. E., roborantia . . . 189
 Römer, C. L., Peruvian. rinde . . . 349
 Römer, J. J., eidechsen . . . 545
 Rommelaere, —, phosphore . . . 617
 Rouchi, J., alcool . . . 218
 Ronzier Joly, A., quinine . . . 653
 Roode v. Eisinga, P. P., cocotier . . . 367
 Roots, H. S., narcotine . . . 575
 Roque, F. J. B., intoxic. saturnine . . . 633
 Roques, B., cataplasm. émollient . . . 159
 Roretius, H. L. M., ol. filicis maris . . . 443
 Rösch, C. H., salmiaks . . . 226
 Rose, E., de santónico . . . 268
 Roseburgh, —, chloroform . . . 120
 Rosen, E., see *Rosenbald, E.*
 Rosen, N., formulae . . . 78
 — hyocyanus . . . 511
 Rosenbach, D. P., vomitoria . . . 155
 Rosenbach, J., carbolsäure . . . 313
 Rosenbald, E., de cort. Peruviano . . . 343
 Rosenbaum, C., cadmium . . . 293
 Rosenberg, G. H., de oleis . . . 173
 Rosenberg, J. C., rhodologia . . . 663
 Roseburgh, A. M., chloroform . . . 334
 Rosenfeld, J., schwefeläther . . . 109
 Rosenhayn, C. L., vomitoria . . . 155
 Rosenstein, S., nieren krankh. . . 51, 807
 Rosenthal, M., nerven krankh. . . 54, 807
 Rosner, G. E., lac . . . 538
 Ross, G., paralyesen . . . 49
 Ross, J., counter-irritation . . . 146
 Ross, J. A., de cort. thymelees . . . 397
 Rossel, L., chloroforme . . . 331
 Rossi, F., solfato di chinina . . . 649
 Rossi, J., medicamenta . . . 63
 Rossi, L., stricnina . . . 694
 Rossi, L. H. J., conium . . . 383
 Rossi, P., metilene . . . 563
 Rössig, G., convolvulacées . . . 385
 Rossignol, T., prép. d'or . . . 281
 — copahu . . . 385
 Rössler, A., therapia . . . 19
 Rosso da Comiso, C. L., arsenico . . . 268
 Rostan, L., thérapeutique . . . 13
 — cours de méd. clinique . . . 10
 Rot, S., aqua . . . 755
 Roth, —, arzneimittel, &c. . . 34
 Roth, F. K., de indicio . . . 514
 Rothe, C. G., carbolsäure . . . 314
 Rothe, E. F., vesicatoria . . . 196
 Rotondo, M. L., ferro . . . 433
 Rotter, C. E., plumbum . . . 628
 Rotureau, A., eaux minérales . . . 779
 Rouby, P., liq. iodo-tannique . . . 526
 Roucher, C., sangsues . . . 465
 Rougemont, J. C., épispastiques . . . 195
 Rougeot, —, chloral . . . 328
 Rouget, J. F. A., collodion . . . 377
 Rougier, L. A., morphine . . . 565
 Roumette, —, tart. potass. antim. . . 240
 Rouppe, L., cicuta . . . 380
 Rouquette, A., chloral . . . 326
 Rouse, L., Tunbridge Wells . . . 802
 Rousseau, A., prép. arsenicales . . . 262
 Rousseau, A. H. J., débilité . . . 43
 Rousseau, G. L. C., de usu calcis . . . 296
 Rousseau, L. F. E., l'houx, &c. . . 513
 Rousseau-Saint-Philippe, J. A. L.,
 de la véication . . . 196
 Rousseau, —, opium . . . 599

- Roussel, K.**, ciguë . . . 382
Roussel, X., hydrocèle . . . 252
Roussel, —, iod. de potass. . . 522
Roussie, F. C., stannum . . . 693
Roussy, J. L., de fumaria . . . 445
Routy, C. J., apomorphine . . . 247
Roux, A. L., éther sulfurique . . . 424
Roux, B. J. A., révulsion . . . 146
Roux, E. A. B., opium indigène . . . 598
Roux, J., bubon vénérien . . . 100
 — étherisme . . . 108
 — étherisme dans le tetanos . . . 109
Roux, P. R. M., bromure de potassium . . . 643
Roux, —, sur les sels . . . 183
Rouyer, J., injections iodées . . . 522
Rowley, W., injections . . . 100
 — salivation . . . 488
 — muriatic acid . . . 505
 — ophthalmia . . . 638
Rowzee, L., the Queen's Wells, Tunbridge . . . 802
Roxburgh, W., swietenia . . . 706
Roy, C. H. à, quinine . . . 649
Roy, C. W. v., bernstein . . . 701
Roy, L. P. J., acide chromique . . . 335
Royle, J. Forbes, materia medica . . . 20
Roze, L., menthe poivrée . . . 561
Rube, V. H., de vesicantibus . . . 182
Rubel, F., de agarico . . . 207
Rubini, P., china-china . . . 351
Rübner, H. F. L., de acido pyrolignoso . . . 200
Ruckels, J., phosphorus . . . 611
Rücker, O. G., de camphora . . . 303
Rudbeck, O., de mandragora . . . 277
 — de hedera . . . 450
Rudolph, J. P. L., opium . . . 590
Ruer, H. I., cort. Peruvianus . . . 346
Ruesch, J. U., secale cornutum . . . 415
Ruete, C. G. T., therapie . . . 22
Ruffus Ephesius, de purgantibus . . . 175
Rufz, E., agens thérapeutiques . . . 67
Rühl, J. G. v., antimonialia . . . 238
Ruiter, C. P. de, belladonna . . . 276
Ruiz, H., bejuco de la estrella . . . 254
 — calaguuala . . . 295
 — quinologia . . . 348
 — ratánhia . . . 534
 — monnina . . . 563
 — et Pavon, J., quinologia . . . 350
Ruiz, S. J. L., quinas de Santa Fé . . . 350
Rulland, H., caïlcédra . . . 534
Rumpel, L. F. E., cantharides . . . 306
Rumpelt, F., blei . . . 628
Rumpelt, G. L., sublim. quecksilber . . . 499
Rumphius, G. E., arbor toxicaria . . . 233
R(umsey), W., organon salutis . . . 367
Runge, F. F., belladonna, &c. . . 274
Rungius, L. H., medicamenta . . . 62
Rupdricht, A., lac sulphuris, &c. . . 702
Ruperti, H. J., magnesia alba . . . 552
Rupin, E., lait . . . 540
Ruppaner, A., hypodermic injections . . . 88
Rupprecht, L., parulis . . . 51
Rupstein, F., chloralhydrate . . . 325
Ruschenberger, W. J., cundurango . . . 392
Rushworth, J., bark (cinchona) . . . 341
Ruspini, B., styptic . . . 187
Ruspini, G., rimedi nuovi . . . 70
 — iodio . . . 522
Russel, P., epilepsia . . . 126
Russel, R., sea water . . . 770, 771
Russell, B., de cupro . . . 392
Russell, J. B., stimulation in typhus . . . 186
 — hydrate of chloral . . . 326
Russell, P., tabasheer . . . 720
Rust, J. C. F., mercur. sublimat. . . 501
Ruther, J. M., cort. Peruvianus . . . 345
Rutherford, D., de aère fixo . . . 314
Rutten, J. T. J., injections . . . 100
Rutty, J., remedy for stone . . . 167
 — milk, goats' whey . . . 539
 — mineral waters . . . 776
 — Bath and Bristol waters . . . 782
 — Irish mineral waters . . . 804
Ruys, —, saccharum . . . 667
Ruyschaert, A., quinine . . . 650
Ryan, M., yellow bark . . . 349
 — water . . . 763*
 — Irish mineral waters . . . 804
Ryff, W. H., guajaco . . . 455
 — china wurzel . . . 683
Rymer, S. L., nitrous oxide . . . 581
Sabarth, F., chloroform . . . 333
Sabarthez, H., café . . . 373
Sabatier, J. C., révulsion . . . 145
Sabowski-Makarow, P., koumys . . . 534
Sacc, F., huile de lin . . . 549
Sach v. Lewenhaimb, P. J., *Αμπελογραφία* . . . 748
Sachero, C. H., digitalis . . . 402
Sachs, —, phosphorus . . . 611
Sachs, A., aqua . . . 763
Sachs, F. J., de ulmo . . . 783
Sachs, L. W., spießglanz . . . 239
 — china . . . 353
 — quecksilber . . . 482
 — opium . . . 596
Saemisch, T., ulcus cornes . . . 54
Saffory, H., mercurials . . . 473
Sagar, M., de salicaria . . . 551
Saib-Mehemed, bromure de potassium . . . 641
Saibanti, C., sarsaparilla . . . 684

- Sailly, P. F. de, manna . . . 557
 Saint Amand, — de, caustiques . . . 141
 St. Étienne, C., vinetum . . . 740
 Saint-Evre, E., huile de sassafras . . . 675
 Saint-Hilaire, A. de, indigo . . . 514
 Saint-Hilaire, F. T., coton . . . 452
 Sainte-Colombe, —, vésicatoires . . . 196
 Sainte-Mairie, E., huître . . . 600
 Saintespegs, —, iatroleptique . . . 84
 Saintour, J., thérapeutique . . . 15
 Saison, F. A., bromure de potas-
 sium . . . 641
 Sala, A., émétologie . . . 154
 — anatomia antimoni . . . 235
 — arnica . . . 255
 — chrysiologia . . . 279
 — de auro potabili . . . 280
 — anatomia vitrioli . . . 441
 — opologie . . . 584
 — tartarologia . . . 640
 — saccharologia . . . 667
 Salachas, F. J., lait . . . 542
 Salat (vel Salas), V. G., cascarrilla . . . 320
 Salazar, Don T. de, quina . . . 348
 Sales-Girons, —, thérapeutique
 respiratoire . . . 94
 — naphtha . . . 574
 — goudron . . . 624
 Salinger, L., antispasmodica . . . 136
 Salins, M. de, vinum Burgundia-
 num . . . 742
 Sallées, F., injections veineuses . . . 92
 Salleron, A. E., perchlor. de fer . . . 438
 Sallwürk, F. X., ratanhia . . . 535
 Salm, J., nux vomica . . . 697
 Salmasius, C., de manna, &c. . . 557
 Salmon, A., noyer . . . 531
 Salmon, —, eau de mer . . . 773
 Salmon et Maunoury, caustiques . . . 634
 Salomon, A., nitrate d'argent . . . 252
 Salomon, H., de iodine . . . 518
 Salomon, J., cicuta . . . 379
 Salomone, C., acqua . . . 769
 Saltonstall, W., nitrogene . . . 580
 Salva, E., gaz acide carbonique . . . 317
 Salvioli, G., alcool . . . 218
 Samelson, L., rhamnus, sp. of . . . 658
 Sampson, H., contraria, &c. . . 3
 Samson, P., de epilepsia . . . 129
 Samson de Himmelstiern, G. H.,
 semina ciusæ . . . 268
 Sanborn, G. D., inhalation . . . 94
 Sancassani, D. A., aqua . . . 757
 Sanchez Bustamente, —, terapeu-
 tica . . . 34
 Sandahl, O. T., opium . . . 598
 — fosfor (toxikol.) . . . 616
 Sandeman, G., rheum palmatum . . . 660
 Sanden, H., de causticis . . . 140
 — succinum . . . 700
 Sander, G. C. H., wandflechte . . . 359
 Sanders, J., digitalis . . . 402
 Sanders van Well, C., mercurius . . . 470
 Sandford, W., wine and spirits . . . 744
 Sandras, C. L., les phosphates . . . 440
 San Martin y Satrustegui, A.,
 terapeutica . . . 37, 57
 Sansom, A. E., antiseptic system . . . 134
 — chloroform . . . 333
 Santanera, V., cura latteæ . . . 541
 Santanielli, F., vesicanti . . . 193
 Santarelli, M., stimolanti . . . 185
 — ossigeno . . . 603
 Santesson, C., chloroform . . . 112
 — chloroform . . . 331
 Santi, R., fumigazii sulfureæ . . . 703
 Santini, S., solfito di magnesias . . . 554
 Saphir, S., de auro . . . 283
 Saphrani, J. M., de clysteribus . . . 98
 Sarfass, F. W., antiisphilitica . . . 136
 Sarlandiere, —, moxa . . . 269
 Sarphati, S. E., de iodio . . . 518
 Sarrazet, F., émétique . . . 244
 Sartorius, C. F., hydrargyrum . . . 469
 Sartorius, G., arsenikvergiftung . . . 264
 — zink-vergiftung . . . 751
 Sarsenus, J. B., thé . . . 728
 Sassi, G., cupro ammoniacale . . . 393
 Satis, J., vésicatoires . . . 195
 Satterley, G. B., balnea . . . 762
 Saunders, W., therapeutica . . . 7
 — de antimonio . . . 237, 238
 — mephitic acid . . . 315
 — red Peruvian bark . . . 346
 — hepatitis . . . 477
 — mineral waters . . . 777
 Saurel, L. J., iode . . . 522
 Saurez y Cruz, A., éserine . . . 423
 Sauthier, J., laurier-cerise . . . 645
 Sauvage, N. E., de, bechicis . . . 161
 Sauvages, F. B., de, medicamens . . . 63
 Savanarola, M., aqua vitæ . . . 208
 Savatier, C., action des médica-
 mens . . . 75
 Savourat, T. T., éther . . . 424
 Savoye, M., méd.-ferrugineuse . . . 435
 Sawicki, L., senna et rheum . . . 660
 Sawitsch, B., de acid. arsenioso . . . 260
 Saxonia, H., de phœnigmis . . . 182, 193
 Scassi, O. A., muriato del barito . . . 286
 Scattigna, V., ung. mercuriale . . . 478
 Scellier, A. A., sangsues . . . 462
 Schaarschmidt, S., therapia . . . 4
 — art of prescribing . . . 77
 Schabel, A., helleborus, &c. . . 458
 Schacht, C. P., adstringentia . . . 138
 Schaedelin, A., phosph. de fer . . . 441
 Schafer, C. W. L., arsenikver-
 giftung . . . 266

- Schaefer, E., iodpräparate . . . 523
 Schaeffer, C. H., vomitoria . . . 156
 Schaeffer, J., anthelmintica . . . 128
 Schaeffer, J. A. M., mercurialia . . . 475
 Schaeffer, J. C. G., de magnesia . . . 552
 Schaeffer, J. C., mayenwurm . . . 560
 Schaeffer, J. G., tabac (clysters) . . . 714
 Schaertlich, see *Schärtlich*.
 Schaffner, L. F., arsenikver-
 giftung . . . 263
 Schaller, E. J., perchlor. de fer . . . 440
 Schaller, J. B., de usu calcis . . . 295
 Schaller, J. P. B., jalapa . . . 530
 Schaller, G. A. J. v., chelidonium . . . 324
 Schaltenbrand, J. F., medicamenta . . . 64
 Scharffius, B., de junipero . . . 532
 Scharrembroich, G., chinina . . . 656
 Schartler, F. C., cholera . . . 45
 Schärtlich, J. J., opium . . . 589
 Schaub, J., laurocerasus . . . 644
 Schauer, A. G. C., coccionilla . . . 366
 Schaufennuel, —, phosphore . . . 613
 Schayer-eliason, J., de artemisia . . . 270
 Schechner, J., medicamina . . . 67
 Schedvin, J. S., medicamenta . . . 64
 Scheel, A. W. L., blutegel . . . 464
 Scheel, P., transfusion des blutes . . . 91
 Scheers, P. S., sulphur . . . 702
 Schesder, J. C., de antimonio . . . 236
 Schefer, J. D., de chamomilla . . . 232
 Scheffler, J. C., de asaro . . . 270
 Scheiberger, A., de sale . . . 687
 Scheinhardt, J. G., aurum . . . 281
 Schelhammer, G. C., de febrifugis . . . 161
 — de nitro . . . 638
 Schelbass, C. C., de aro . . . 270
 Schelver, F. J., therapie . . . 13
 Schelwig, S., succinum . . . 700
 Schenck, C., schwefeläther . . . 109
 Schenck, C. A., kino . . . 533
 Schenck, or Schenckius, J. T., syn-
 tagma præscribendi . . . 76
 — de cinnamomo . . . 362
 — de feniculo . . . 443
 — de moscho . . . 570
 — succinum . . . 700
 Schenckbecher, J. B., kinakina . . . 345
 Scherbius, J., lysimachia . . . 552
 Schieferdecker, C. C., cholera . . . 765
 Schiegnitz, C. G., diaphoretica . . . 149
 Schiemann, C. C., de digitali . . . 400
 Schierholz, G. H., de mercurio . . . 475
 Schiess-Gemuseus, H., myopie . . . 55
 Schilling, J. A., münzen und me-
 lissen . . . 560
 Schiltz, M. V., transfusio sanguinis . . . 91
 Schindler, L. F. A., natrum mu-
 riaticum . . . 688
 Schindler, M., conium et citrus . . . 364, 382
 Schinz, S., de calce . . . 295
 — de aere fixo, &c. . . . 315
 — stannum 692
 Schippel, J. N., mercurius . . . 467
 Schirge, J. D., de balsamicis . . . 139
 Schirlitz, F. E., de brucio . . . 292
 Schirow, J. J., cantharides . . . 307
 Schivardi, P., med. ipodermica . . . 90
 Schläger, H., eucalyptus glob. . . . 425
 Schläger, T. A., mutterkorn . . . 411
 Schlaepfer, J. G., de effectu liqui-
 dorum, &c. . . . 66
 Schlechtendal, J. D. B., emetica . . . 158
 Schlechtleutner, M., cantharides . . . 307
 Schlegel, J. C. T., thesaurus path-
 ologico-therapeuticus . . . 5
 — hydrargyrum 473
 Schleger, T. A., see *Schläger*.
 Schleiden, M. J., sarsaparille . . . 685
 Schleiss von Löwenfeld, M., pros-
 tatakrankheit 50
 Schlesinger, J., syphilis . . . 48
 — schwefeläther 109
 Schlottman, —, antimonialia . . . 239
 Schmaus, L., lignum indicum . . . 453
 Schmeuser, J. H., alkalina . . . 105
 Schmid, C. T., inhalation . . . 94
 Schmid, C. W., emetica . . . 156
 Schmid, G., de antifebrilibus . . . 162
 — blausäure 510
 Schmid, G. H. R., de sale am-
 moniaci 226
 Schmid, J. U., gialapa . . . 530
 Schmidel, C. C., kermes minerale . . . 246
 Schmidelius, J., mandragora . . . 277
 Schmidlin, J. J., de vesicatoriis . . . 193
 Schmidt, C., calcis oxalae . . . 297
 Schmidt, C. W., de diureticis . . . 153
 Schmidt, E. D. P., de auro ammon. . . 281
 Schmidt, G. R., aqua marina . . . 771
 Schmidt, H. F., ulcus ventriculi . . . 49
 Schmidt, J. A., therapie . . . 7
 — medicamenta 65
 — arzneymformeln 78
 — de baryte muriato . . . 285, 286
 — salpetersäure 578
 Schmidt, J. F., hydrarg. phosph. . . 504
 Schmidt, P. G., citrus . . . 363
 Schmidt, W., opium . . . 596
 Schmidt, W. L. E., erythraea . . . 422
 Schmiedeberg, O., muscarin . . . 222
 Schmieder, E. F. W., aqua . . . 762
 Schmitt, W. J., antigouland . . . 627
 Schmitz, L., de secali cornuto . . . 419
 Schneemann, C., scharlachkrankheit . . 85
 Schneider, H. G., handbuch der
 pharmakodynamik 204
 — belladonna 276
 Schneider, J. G., de virt. amphibi-
 orum 545

- Schnell, J., upas antiar . . . 233
 Schnepffius, C. F., de gelatinis . . . 447
 Schnizlein, C. F. W., sedum acre 677
 Schockwitz, J., sulph. antimon. . . 245
 Schoeffler, J. D., de cort. china . . . 342
 Schoellhammer, E. V., anesthésie 117
 Schoen. and Schoep., see *Schön* and *Schöp*.
 Schofield. —, Scarborough . . . 800
 Scholtz, A. S., sperma ceti . . . 323
 Scholz, F., acid. hydrocyanici . . . 508
 Schönlein, J. L., therapie . . . 13
 Schönmetzel, F. G., antimonium . . . 238
 Schöpfer, C., blutegel . . . 464
 Schöpff, J. D., opium . . . 589
 Schövers, —, chloroforme . . . 334
 Schosulan, J. M., de vinis . . . 743
 Schott, J., cort. Peruv. rubr. . . 347
 Schotte, A. A., de opio indigeno . . . 598
 Schotten, L. F. T., de effectu atropii . . . 278
 Schrader, F., de hirudinibus . . . 461
 Schrader, G. N., anagallis . . . 229
 Schramme, J. C. B., emetica . . . 156
 Schreber, D. G. M., de tartaro stibiato . . . 242
 Schreger, B. N. G., cort. fraxini . . . 444
 Schreiber, C. F., de ferri usu . . . 432
 Schreiber, —, de morb. mercuriali 489
 Schreinzer, J., colica saturnina . . . 630
 Schrimpf, H. G., de hydrargyrosi 487
 Schröder, see *Schroeder*.
 Schroeck, C. J., de cynoglossio . . . 396
 Schroeck, L., historia moschi . . . 571
 Schroeder, A. H. L., nux vomica . . . 699
 Schroeder, C., atropin . . . 279
 Schroeder, C. H. A., colchicum . . . 375
 Schroeder, F. E., antiphlogistica . . . 130
 Schroeder, F. J. W., eicheln . . . 648
 Schroeder, J. G., meth. physagoga 140
 Schroeder, P. R., succinum . . . 700
 Schroeder, T., zinci murias . . . 751
 Schroeder van der Kolk, J. L. C., geisteskrankheit . . . 51
 — sterken drank . . . 210
 Schroedter, J. C. A. [manganese] 555
 Schroen, F. L., digitalis . . . 405
 Schroer, J. C., eschenbaum . . . 444
 — trifolium . . . 561
 Schroer, S., opium . . . 586
 Schrott, C. v., aconit . . . 204
 Schrott, C. D., arsenik (toxicol.) . . . 267
 — scilla . . . 676
 Schrommius, J. F., de æthiope minerali . . . 504
 Schröter, S. G., narcotiques . . . 169
 Schrötter, L., pneumonie . . . 244
 — v., digitalis, &c. . . 408, 738
 — chininum . . . 654
 Schubert, A., de secali cornuto . . . 417
 Schubert, F., meth. endermatica . . . 84
 Schuchard, R. F., cicuta . . . 382
 Schuchardt, B., arsenik . . . 267, 553
 Schuett, P. A., de viribus arnicae 255
 Schueler, C. H. F. W., tart. stibiat. 242
 Schulhoff, J., de camphora . . . 303
 Schulthess, S., de sero lactis . . . 543
 Schultz, B., phytolacca decandra . . . 619
 Schultz, C. H., historia opii . . . 593
 Schultze, A. W., antiseptic system 135
 Schultze, F., kaltwasser . . . 770
 Schultze, G. H., de lithontripticis 166
 Schultze, N., de nuce moschata . . . 573
 Schulz, J., ginseng . . . 450
 Schulze, A., milch kur . . . 540
 — wasser . . . 763
 Schulze, G., cinnabaris . . . 497
 Schulze, G. P., succinum . . . 700
 Schulze, J. G., tabacum . . . 713
 Schulze, J. G. F., de saponibus . . . 674
 Schulze, J. H., therapia . . . 4
 — medicamenta . . . 62
 — de prescribendo . . . 77
 — de chamaemelo . . . 232
 — de asaro . . . 270
 — camphora . . . 301
 — coccinilla . . . 366
 — de colocynthide . . . 378
 — de lilio convallium . . . 384
 — mors in ollâ . . . 392
 — helleborus . . . 459
 — mercurialia . . . 470
 — iris Florentina . . . 529
 — de melissa . . . 560
 — ol. olivarum . . . 582
 — opium . . . 587
 — rubus idæus . . . 665
 — saapo . . . 674
 — scilla (2) . . . 676
 — succinum . . . 701
 Schulzius, J. H., see *Schulze*.
 Schumacher, G. H., de arnica . . . 255
 Schüpbach, F. A. D., bilsenkrout . . . 511
 Schurer, F. L., oxygenium . . . 602
 Schuster, G., therapeutica . . . 4
 Schütz, C. E., taxus baccata . . . 722
 Schutze, E., de inunct. mercuriali 483
 Schützererantz, H. à, kamferen . . . 302
 Schüürmann, J. B., de liq. spirituos. 209
 Schweing, N. P., tumeur blanche . . . 50
 Schwalbe, C. G., de china officinarum . . . 341, 683
 Schwan, J. P., phellandrium . . . 609
 Schwartz, C., meloe majalis . . . 560
 Schwartz, A. J., geoffroea Surinam. 230
 Schwartz, G. W., belladonna . . . 275
 Schwarz, G. E. G., de acidis mineralibus . . . 103
 Schwarz, J. C., clysterin . . . 97
 Schwarz, R., königs-chinarinde . . . 354

- Schwarz, R., galium, sp. of . . . 445
 Schweigger, A. F., bernstein . . . 701
 Schweighauser, J. F., de amphib. 545
 Schwendimann, P. J., helminthochorton . . . 625
 Schwenke, M. W., cicuta aquatica 396
 Schwilgué, C. J. A., matière médicale . . . 6
 Schychowsky, —, digitalis . . . 405
 Schylander, C., his chirurgerie 172, 455
 Scipio, C. G., de vomitu . . . 155
 Scolari, G., oppio . . . 595
 Scolosuboff, D., arsenic . . . 263
 Scopoli, J. A., lichen islandicus . 323
 Scoresby-Jackson, R. E., mat. medica . . . 30
 Scott, G. B., lauro-cerasus . . . 645
 Scott, F., opium . . . 591
 Scott, J., on lavements . . . 98
 — de salivatione . . . 487
 Scoutetten, H. J., absorption cutanée . . . 82
 — hist. du chloroforme . . . 114
 — chloral . . . 326
 — ozone . . . 604
 Scoutetten, L., anesthésiques 116
 Scrinzi, J. A. J., cort. china . . . 341
 Scriverius, P., saturnalia . . . 709
 Scudamore, Sir C., inhalation — on the blood . . . 221
 — colchicum . . . 375
 — iodine . . . 518
 — veratria . . . 737
 — mineral waters (2) . . . 786
 — Tunbridge Wells . . . 803
 Scudery, L., canfora . . . 303
 Seaman, V., opium . . . 590
 Searle, C., oxygenous water . . . 603
 Searle, H., the tonic system . . . 189
 Sebizius J. G., de purgatione 177
 Sebizius, M., therapeutica . . . 2
 — ratio purgandi . . . 176
 Secchi, G., atropa belladonna . . . 275
 Secondi, E., china . . . 355
 Sedelius, J. S., purgatio . . . 177
 Sédillot, C., chloroforme, &c. 110, 113
 — anesthésie . . . 120
 — chloroforme . . . 333
 Seegull, —, chinin . . . 653
 Seegen, J., glaubersalze . . . 686
 — heilquellenlehre . . . 779
 Seeger, G., bandwurm . . . 48
 Seemann, J. A., de arsenici effect. 259
 Seerup, N., triumphus lithargyri. 626
 Ségalas, P. S., nitrate d'argent . 252
 — noix vomique . . . 698
 Segenstedt, —, galipæa cusparia. 231
 Seger, G., de opio . . . 585
 Segers, H., de utilitate aceti . . . 200
 Segnitz, W., evacuantia . . . 160
 Ségogne, E. R. de, alcool . . . 215
 Séguier, P. P., seigle ergoté . . . 416
 Seguyn, —, hydrargyrosis . . . 468
 Sehlbach, C. F. J., carbolic acid . 313
 Seidel, F. W., kreosot . . . 387
 Seidel, J., facult. plantarum . . . 60
 Seidel, J. J., acidum hydrocyanicum . . . 507
 Seidelin, E. acetum . . . 201
 Seidenschnur, M. J., de canna-bis vi . . . 304
 Seifert, P., scharlachfieber . . . 43
 Seignette, J. W., laxantia . . . 187
 Seignette, P., sel polychresta . . . 640
 Seiler, B. W., arsenicum . . . 257
 — arsenic (toxicol.) . . . 263
 Seiler, J., scrophularia . . . 677
 Selig, C. W., galium rotundifol. . 445
 Seligmann, G., de chloroforme . 381
 Semanas, P. F., quinine . . . 653
 Sementini, L., muriato di calce — pietra infernale . . . 297
 — . . . 250
 Semmes, T., lead . . . 627
 Semmola, G., therapeutica . . . 10
 — medicamenti . . . 67
 — chlore . . . 329
 — ferro . . . 433
 — quinine, &c. . . . 649
 Semmola, M., magnolia . . . 554
 Semon, J., ol. juniperi . . . 532
 Sénard, C. A. V., hydrocotyle Asiatica . . . 506
 — calcédra . . . 534
 Senaux, C., cantharides . . . 309
 Senckenberg, J. C., liliun convallium . . . 384
 Senckenberg, J. H., de ptyalismo 487
 Sendel, N., succinum . . . 701
 Senebier, J., suc gastrique . . . 446
 Senné, A. S. V., lait . . . 540
 Senner, J. C., senna . . . 678
 Sennertus, D., de revulsione — de auro potabili . . . 144
 — . . . 280
 Sentex, L., perchlor. de fer . . . 439
 Serée, H., phosphore . . . 614
 Serraillier, C., émétique . . . 242
 Serrane, J. B., acide oxalique . . . 600
 Serre, A. H., nitrate d'argent . . . 250
 Serres, C., mandragore . . . 278
 Serres, N., smilax aspera . . . 682
 Servin, C. X., tabac . . . 717
 Sestini, F., sulfuro di carbonio . 314
 Setti, E., uso dei vesicatorj . . . 195
 — cantharides . . . 307
 Seutter, M., nux vomica . . . 697
 Séve, T., température animale . . 70
 Severi, D. S., quassia . . . 647
 Severi, S., camfora . . . 301
 Severini, L., ossigeno . . . 605

- Severinus, M. A., therapeuta Neapolitanus 2
- Seyd, C. F. G. L., injectio uterina 99
- Seydler, G. C. L., de alumine 221
- Seyfferd, H. C., de marte 431
- Seyl, A., de mangano 555
- Shannon, R., cure of scurvy, &c. 132
- Sharkey, E., digitalis 405
- Sharp, W., action of medicines 69
- Shaw, P., analysis of antimony 237
- juice of the grape 742
- Scarborough spa 800
- Shaw, S. P., anæsthesia discoverer? 123
- Shebear, J., Bristol waters 785
- Sheppard, E., bathing 773
- Sherwood, R., de morbis a potus spirituosius abusu 209
- Shilander, see *Schylander*.
- Shoenjann, G. D., de iodio 519
- Short, M. J., croton oil 390
- Short, P., de guaiaco 466
- Short, R., water 756
- Short, T., on milk 539
- sage, &c. 672
- tea, tobacco, &c. 714
- tea 727
- water 757
- mineral waters (2) 776
- Scarborough waters, &c. 800
- Sibergundi, J. R., therapie 10
- Sicard, A., prép. d'argent 251
- eau de mer. (2) 774
- coton 452
- Sichel, J., iconographie ophthal. 48
- Sickel, C. K., de belladonna 272
- Siebeck, H. G., de salivatione 488
- Siebenhaar, F. J., kohlendunstvergift. 312
- Siebert, V., apomorphin 247
- Siebold, E. C. J. v., schwefeläther 109
- Siebold, G. C., opium 590
- Siebold, P. F. v., [stern-anis] 514
- Sieffert, J. M., alkalina 105
- Siegel, E., inhalationen 96
- Siegen, T., eucalyptus globulus 425
- Siegert, J. C., therapie 24
- Siegesbeck, J. G., de majanthemo 384
- Siegmund, J., hydrargyrum 482
- Siehr, R., granati cortex 646
- Sievecking, E. H., materia medica 29
- Sigmond, G. G., mercury, &c. 482
- tea 729
- de aquis Bathoniæ 783
- and Farre, F., Ceylon moss 625
- Sigmund, B., colchicum 375
- Sigmund, C. L., quecksilber 485
- Signoret, V. A., iod. de potassium 522
- Signoronet, A., méthode purgatoire 180
- Silbert, J. S., seigle ergoté 420
- [Sills, —] stramonium 398
- Siltemann, J. R., cortex Winteri 749
- Silva, H., sanguis 465
- Silva, H. M. da, aqua 760
- Silva, J. B., thé 727
- Silva, O., solfato di chinina 649
- Silva Beirao, C. M. da, mat. medica 28
- Silveira, J. A. da, opium 587
- Silver, A., practical medicine 35
- Silver, G., de antimonio 239
- Silvester, T. H., mandragora 278
- Silvestre, L. A., perchlor. de fer 438
- Silvestri, G., pneumojatria 93
- Silvestrini, G., solfato di soda 686
- Simbat, P., chlorure de zinc 752
- Siméon, E., thérapeutique 16
- Simmons, S. F., tænia 442
- Simon, C. G. T., creasotum 387
- Simon, C. P., lait et petit-lait, 541, 544
- Simon, E., hémorrhagie 56
- Simon, F. A., inunktions-kur 86
- syphilis 484
- sublimat. 500
- Simon, L., mercure 483
- Simon, M., purgatifs 190
- Simonet, V., pâte arsenicale 258
- Simonin, E., éther et chloroforme 112, 119
- éthérisme 120
- anesthésiques 121
- chloroforme 334
- Simonwitsch, R., hyoscyamin. 513
- Simpson, Sir J. Y., anæsthetics 107, 108 (2), 111 (2), 112, 120, 123, 124
- chloroform 330
- Simpson, W., Scarbrough spaw (2) 800
- Sims, J., aqua 758
- Simula, G. N., preparati chinoidi 655
- Sinapius, M. A., anodyna 126, 169
- opium 586
- Sinclair, E. B., chloroform 119
- Sinclair, G., dolichos pruriens 572
- Sinogowitz, H. S., kindbett fieber 47
- wasser 764
- Sintelaer, J., scourge of venus, &c. 489
- Sirus-Pirondi, —, stomatite mercurielle 492
- Sisson, R. S., syphilis 486
- Sistach, F., méd. réfrigérante 182
- Sistach, —, méd. arsenicale 263
- Sjöberg, J. P., vinum 744
- Skeete, T., red Peruvian bark 348
- Skey, F. C., hysteria 190
- Skinner, T., chloroform 332
- Skraup, Z. H., rhabarberstoffe 661
- Slare, F., vindication of sugar 667
- Slevogt, J. A. (vel H.), de arsenico 256

- Slevogt, J. A. (vel H.), de opobalsamo 284
 — de cinnamomo 362
 — culilawan 392
 — datura 397
 — de centauro 421
 — de gentiana 448
 — de hyoscyamo 511
 — de jalapa 530
 — de lino cathartico 549
 — magnesia alba 552
 — momordica 563
 — de polypodio 634
 — de pyrethro 646
 — ruta 666
 — scrophularia 677
 — scordium 725
 Smallegrange, H., moschus 570
 Snee, A., tartarized antimony 243
 Sneath, D. de, de aere fixo 314
 Smissen, H. E. v., cort. Peruvianus 351
 Smith, A. H., oxygen 605
 Smith, E., alcohol 213
 — morphia 565
 — tea 729
 Smith, E. D., medicines 65
 Smith, H., formulæ concinnandi 77
 — on the nerves 371
 — magnesia alba 552
 — nitric acid 579
 — aqua 761
 [—] Islington spring 794
 — Tunbridge Wells 802
 Smith, J., curiosities of water 767
 — Cheltenham waters 788
 Smith, J. M. E., caustiques 141
 Smith, M., mercury 475
 Smith, Protheros, anæsthetics 110
 Smith, R. A., disinfectants 151
 Smith, T., the ether discovery 123
 — terebinthines 724
 Smith, W. A., inhalation 94
 — glycerine 451
 Smith, W. M., conium 382
 Smithson, J., ulmin 733
 Smitzius, J. A., de lacte 537
 Smollett, T., water 758
 Smyth, J. C., nitrous acid 576, 577
 Smyth, J. R., therap. contributions 46
 Snellen, P., sal communis 687
 Snow, J., ether inhalation 107
 — chloroform, &c. 113, 116
 Soame, J., Hampstead wells 791
 Soares, J. P. de Freitas, mercurio 478
 Soarés, O., l'endermie 83
 Socius, N., de modis purgandi 175
 Soederberg, C., uva ursi 735
 Sogliano, M., therapia 32, 307
 Soist, H. H. v., de aconito 204
 Sokolnicki, F., de secali cornuto 417
 Soldin, L. A., therapie 22
 Soliva, S., sen d'España 678
 Somerville, J. C., syphilis 479
 Somerville, W., pyrola umbel. 646
 Sommer, K. B., de gratiola 453
 Sonnenkalb, —, anilin 232
 Sonntag, C. A., de helleboro 459
 Sordes, —, fève de Calabar 619
 Sorela, D. P. R., tabaco, sal, &c. 717
 Sorge, G. W., phosphor 614
 Sori, J. B., antimonio 235
 Soubeiran, J. L., cinchona 361
 Soubise, A., hydrate de chloral 326
 Soula, T. M. L., digitale 408
 Soulé, E., perchlor. de fer 438
 Souques, A. L., medicamens 66
 Spairani, G., segale cornuta 416
 Spalding, L., scutellaria 677
 Spalowsky, J., flammula jovis 365
 — cicuta, &c. 381
 Spandaw-du-Cellier, L. J., lauro-cerasus 645
 Sparmaan, C. F., ol. jecoris aselli 566
 Speed, T., aqua marina 770
 Speer, T. C., aqua 761
 Spence, A. I., strychnia 695
 Spence, R., cinchona 360
 Spence, W., de opio 588
 Spence, W. M., veratria 737
 Spender, J. K., pain 57
 — Bath waters 784
 Spengler, H. L., kumis-kur 533
 Speranza, C., chinina 650
 Sperber, C. F., fumigatio med. 87
 Sperling, J., de uva, vino, &c. 742
 Sperling, P. G., de arsenico 256
 Speyer, C. L., acid. nitricum 578
 Spielmann, —, syphilis 40
 Spielmann, J. R., acaciæ historia 199
 — hist. cardamomi 318
 — hydrargyrum 472
 — acid. phosphoreum 610
 — tartarum 640
 Spielmann, S. A., de aconito 203
 Spiering, K. T. H., de secali cornuto 417
 Spieess [or Spies], J. C., cortex Peruvianus 341
 — rosmarinum 664
 — valeriana 735
 Spiessenhoff, C. E. L. v., dulcamara 689
 Spillan, D., therapeutics 17
 — thesaur. medicaminum 80
 Spindler, J. U., therapie 7
 Spire, C., chloroforme 384
 Splanemann, G., digitalis 406
 Spleiss, J. J., febres 148
 Spon [vel Sponius], J., fébrifuges 161
 — quinquina 338
 — see *Dufour* 368

- Sprange, J., Tunbridge Wells . . . 808
 Spreccchi, P., antabainthium . . . 201
 Sprengel, Karl or Carl, therapia . . . 7
 — medicamenta 64
 — hydrargyrum 480
 Sproede, J. G. L., antispasmodica . . . 136
 Spry, J. H., Bath waters 783
 Spurgin, J., materia medica 22
 Squarcialupus, M., amygdalæ
 amars 227
 Squarey, C., chloroform, &c. 120
 Squibb, E. R., anæsthetics 121
 — disinfection 151
 Squire, P., companion to Brit.
 Ph. 80
 Squire, W., puerperal tempera-
 tura 334
 Stackhouse, J., de libanote, &c. 284
 — myrrh trees, &c. 573
 Stæchelinius, B., calculus 164
 Stafford, G., de purgantibus 180
 Stahl, A. J., de sale ammoniaco 226
 Stahl, G. E. therapia 3
 — febræ 39
 — alterantia 106
 — adstringentia 138
 — de evacuantibus 160
 — de vesicatione 193
 — de cornu cervi 323
 Stahl, J. J., consid. aperientium 137
 — de mercurio 470
 — tabacum 713
 — thea 727
 — chocolata 731
 Stahlberg, E., kumys 533
 Stahmann, —, chloroform 333
 Stallard, J. H., chloroform 110
 Stanelli, —, chloroform 112
 Stanelli, H., phellandrium 610
 Stanelli, R., blutegel 465
 Stanhope, M., Knaresborough spa
 (2) 794
 Stanski, G. P., chloroforme 331
 Starck, J. B., iode 515
 Starck, J. G., saccharum saturni 627
 Stark, J. C., opium 589
 Staring, B. J. H., lichen islandicus 323
 Statham, S. F., cases of resection 189
 Staub, C. E., sublimé 501
 Stearns, J., pulv. parturiens 412
 Stechmann, J. P., de artemisiis 270
 Steel, T. E., digitalis 403
 Steele, P., de tartaro emetico 240
 Steenkiste, C. v., arsenic 259
 — sulfate de zinc 751
 Steer, F., juniperus communis 532
 Stefanopoli, D., lemithochorton 625
 Steggall, J., therapeutics 16
 Stegmann, J. A. C., helleborus 458
 Stebberger, G., glycerin 451
 Stehr, C. J., cort. Peruvianus 350
 Steimmig, R., belladonna 275
 Stein, G. A., St. Ignatii faba 697
 Steiner, L. H., strychnia 695
 Steinerus, H., de antimonio 236
 Steinhauer, J. C., opium 593
 Steinhäuser, F. M., alumen 221
 Steinmeyer, G. F., rubia tinctorum 665
 Stelka, J. J., de arnica 255
 Stella, B., tabacco 711
 Stenberg, J. O., plumbi acetat 627
 Stenberg, S., elimin. of med. 69
 Stender, B. H., de antimonii usu 238
 Stengel, L., stibium (2) 234
 Stenhouse, J., charcoal 311
 Stens, W., therapie 29
 Stentzel, C. G., aphrodisiaca 138
 — medicamenta externa 191
 — cantharides 306
 — de mercurio dulci 493
 — ruta 666
 — salvia 672
 Stephanides, A., de purgatione 176
 Stephanitz, A. L., rhabarbarum 660
 Stephanus, C., see *St. Étienne, C.*
 Stephens, Mrs., receipt for stone 166
 Stephenson, J., medical zoology 168
 Stephenson, T., poisons 406
 Stern, P., inhalation 808
 Steuer, W., de mercurio 479
 Stevens, J. N., Bath waters 732
 Stevens, W., salines in cholera 183
 Stevenson, W., blistering in gout 195
 Stevz, J., de tartaro emetico 240
 Stewart, T. G., therapeutics 28
 Stewart, W., chloride of ammonium 226
 Stievenart, —, belladonna 275
 Stilita, C., somniferi 169
 Stillé, A., therapeutics 26
 Stinstra, G., de muriat. barytæ 286
 Stipansky, F. H., de ptyalismo 488
 Stipriaan Luisicus, A. v., fumi-
 gatio 329
 Stisser, —, de externorum usu 191
 Stisser, J. A., de machin. fumiduct. 712
 Stock, D., de clysterum abusu 97
 Stock, J. C., mercurius 471
 Stock, J. E., cold water 760
 Stockar v. Neuforn, J. C., can-
 tharides 307
 Stockar de Neuforn, J. G., succinum 701
 Stockar de Neuforn, G. H., hyos-
 cyamus 511
 Stockhausen, A. F., merc. subl. 498
 Stockhausen, S., huttenkaze 629
 Stockhausen, P. W., colica satur-
 nina 629
 Stoerber, —, thérapeutique, &c. 19
 Stoerber, V., chloroforme 117
 Stoenens, —, bains de mer 773

Stoff, O., anilin	232	Stubbs, H., Bath waters	781
Stokes, J., ær dephlogisticatus	602	Stube, A., kaltwasser	764
Stokes, W., wine in typhus	745	Stugocki, J. L., tabac	719
Stoll, J. S. G., de mercurio	472	Stuhlmann, J., kaffein	372
Stollbohm, F. W., de meth. deriva- vante	145	Stupanus, —, therapia	2
Stolte, C. H., de vitriolo albo	750	Sturm, B. C. G., viscum	747
Stolze, F. G., de ichthyocolla	447	Sturm, J. C., ficus	442
Stone, A. D., diseases of the sto- mach	156	Sturmius, R., pulv. Peruvianus	337
Stone, W. D., therapeutics	36	Stürzwage, E., de acid. arsenioso	260
Stör, B. H., valeriana	736	Stuve, D., phosphorus	613
Storch, C., anæsthetica	120	Styx, M. E., wandflechte	607
Storch, J. A. G., formulæ	78	Suchten, A. v., antimonium	234
Störck, Baron A., aconitum, &c. 202, 397, 511		Suckow, W. C. F., de salibus	183
— pulsatilla nigricans	230	Suermann, B. F., arsenicum	267
— flammula jovis	365	Sultzter, H. P., de cort. Peruviano	344
— colchicum	374	Sundelin, C. H. W., therapie	10
— cicuta	378, 379, 381	— heilmittellehre	14
Storer, H. R., elm tents	734	Suringar, G. C. B., therapia	14
Storr, G. C. C., sinapis	681	Surmay, —, cachexie alcoolique	215
Storr, H., de sale alpino	554	Susemühl, D. H., aqua	762
Storti, P., mercurio	484	Sutherland, A., Bath and Bristol waters (2)	782
Story, G. O., alcohol	215	Sutherland, J. S., mercury	483
Stosch, A. W. von, diabetes	43	Sutton, J., chlorate of potassa	637
Stott, R., quicksilver	477	Svenske, A. T., ær fixus	315
Strack, E., crusta lactea	746	Swaine, A., de mercurio	470
Stræt, G., flores arnicæ	255	Swainson, J., mercury starknaked	489
Strahl, M. H., scharlachfleber	223	Swalve, B., therapeutica	2
Strambio, G., chinina	650	— alcali et acidum	104
Stramboli, G., sostanze emetiche, &c.	157	Swammerdam, J., filix mas	442
Strange, C. F., extern. in variolis	191	Swan, J., mercury	480
Stratingh, G. A., de cinchonio	650	Swift, C., salivation	488
Stratingh, S., chlorin verbindingen	329	Sygnatus, M. A., de manna	557
— morphine	564	Sylvauls, A., moxa	268
— cinchonine, &c.	649	Sylvester, J., tobacco battered, &c.	708
Stratton, F., deodorization	150	Sylvius de la Boe, F., opium	585
Strauch, E., spiritus vini	211	Sylvius, J., meth. componendi	76
Strauch, L., de kali iodato	521	Szablewski, S., collodium	377
Strauss, E., cerussa	632	Szarzynski, S. v., de secali cornuto	418
Strauss, J. C., de salium potestate	183	Szerlecki, L. A., zeitschrift für therapie	58
Strauss, L., de potu coffi	368	Szerlecki, W. A., thérapeutique	15
Strobelberger, J. S., mastichologia	558	— tabak	717
Stroebelt, J. W., refrigerantia	182	Taafe, —, Ballyspellan spa	804
Strohl, E., acétate de plomb	629	Tabourin, —, coralline	386
Strollius, J. A., de mercurio dulci	493	Tabuteau, A. E., atropa belladonna	274
Ström, G. T., expectorantia	161	Taccius, J., spiritus vini, &c.	208
Stromeyer, A. A. L., columbo	299	Tachard, —, hypodermique	90
Stromeyer, G. F. L., hydrocele	100	Tachau, J., Calabarbohne	618
Stropp, C. E., chinoidinum	657	Tachet, N. F., effets de l'arsenic	258
Strother, E., materia medica	62	Taddei, G., sublimat. corrosiv.	501
Strubel, A., fiebermittel	130	Tadini, F., cantaridi	308
Struve, C. G. F., carminativa	140	Tagaultiers, J., de purgantibus	174
Struve, J. M., vesicatoria	194	Taillefer, A. C., acide arsénieux	259
Stuart, J., mercury	476	Taillotte, A. J. V., eucalyptus glob.	425
Stuart, J. G., de emeticis	157	Talbor, Sir R., pyretologia	338
Stabbe, H., Indigun nectar	730	— the English remedy	338
Stubbe, H. F., salivatio	488	Talma, A. F., méd. dentaire	21
		— mercure	491

- Tamborlini, G., iposolfito di soda . 188
 Tamisier, —, tabac . 719
 Tamm, J. F., de arsenici usu . 258
 Tanner, J., anæsthetics . 121
 Tanquerel des Planches, L., mala-
 dies de plomb . 631
 Tantini, F., croton tiglium . 390
 Tapie, J., sauge . 672
 Tappe [Tappius] J., tabacum . 710
 Tardieu, A., arsenic (toxicol), &c. 287
 — strychnine . 695
 Tardif, A., caoutchouc . 310
 Tardy, J. L., empoison. thébaïque 599
 Tarenne, M. G., cochliopérie . 457
 Targioni-Tozzetti, A., datisca . 397
 Targioni-Tozzetti, G., terapeutica . 8
 Targioni-Tozzetti, O., rhus vernix 662
 Tariote, A., opium . 598
 Tartenson, A., collodion . 377
 Tartra, A. E., acide nitrique . 578
 Tartreux, G., cicuta . 379, 380
 Taaschenberg, J. L., evacuantia . 160
 Tassi, E., arsenico . 261
 Tatham, W., tobacco . 715
 Taufflieb, E., huile de foie de morue 569
 Tauszig, L., de liqueur anodyno . 424
 Tauvry, D., médicamens . 61
 Tavares, F., cort. Peruvianus . 350
 Taverner, J., Witham spa . 808
 Tavernier, A., thérap. chirurg. . 38
 Tavignot, —, phosphore . 614
 Taylor, A. S., strychnine . 695
 Taylor, E., tobacco, &c. . 715
 Taylor, J., St. Bernard's well . 790
 Taylor, W., febrile diseases . 85
 Teale, T. P., acute iritis . 278
 Teallier, P. J. S., tartre stibié . 242
 Tebaldi, A., alcool . 218
 Teggia, F., antimonio . 238
 Teich, —, Calabarbohne . 618
 Teichmeyer, H. F., anodyna . 126
 — de antimonio . 236
 — de auro . 281
 — de arcano tartari . 635
 — pareira brava . 607
 — de phosphoris . 611
 — sal seignette . 640
 Teissier, —, millefeuille . 202
 — quinquina . 356
 — injections iodées . 523
 — térébenthine . 724
 Teissier (J.), magnesia alba . 553
 Teleman, A., de castoreo . 320
 Temple, Sir W., moxa in gout . 268
 Tennent, J., snake root (2) . 677
 Terillus, D., de vesicantium usu . 193
 Terson, —, morphia . 565
 Tesanek, J., ipecacuanha . 528
 Tessier, —, ergot . 412
 Testa, G. F., rame . 392
 Testi, L., saccharum lactis . 669
 Teubern, E. F. T. v., digitalis . 405
 Textor, V., vin . 741
 Thalacker, J. F., guaiacum . 456
 Thaly, H. D., anesthésie locale . 126
 Thau, —, chinin . 653
 Thebesius, G. D., tabak . 713
 Thedenius, K. F., opium . 596
 Theile, —, arsenik-vergiftung . 267
 Theile, F., mezereum . 397
 Thelning, C. A., de digitali . 404
 Thénard, L. J., acides . 102
 Thénevin-Conqueret, —, plomb . 632
 Thénevon, A. J., pipéracées . 623
 Theune, F. C. N., antimonialia . 238
 Thevart, A., purgatio . 177
 — thea sinensium . 726
 Thevart, J., diuretica . 153
 Thibaud, L., acide carbonique . 318
 Thibault, T., cautérisation . 142
 Thiebaut de Bernéaud A., genét . 448
 Thibeaud, M., acétate de potasse . 635
 Thiele, C. E., colica saturnina . 632
 Thielemann, J. Z., mercurialia . 469
 Thierry, A., perchlor. de fer . 437
 Thiersch, C., necrosis phosphorica 617
 Thiesen, G., schierling . 380
 Thile, J., theeologia medica . 727
 Thilo, G., succinum . 700
 Thilo, J., succinum . 700
 Thilon, G. H., salpeter . 639
 Thirion, Y. F., mercurius . 472
 Thizy, J. P., acides . 103
 Thomas, E. A., huile de foie de
 morue . 569
 Thomas, G. G., kalmia latifolia . 533
 Thomas, J., Cheltenham waters . 788
 Thomas, P., sanguis . 462
 Thomas, W., opium . 588
 Thomas, — phosphorus . 612
 Thomasseau, J., colocynthis . 378
 Thomassen, à Thuessink, E. J.,
 opium . 589
 — chinin . 650
 Thompson, A., de mercurio, &c. . 463
 — opium . 587
 Thompson, Sir H., calculous disease 166
 Thompson, H., Indian pink . 692
 Thompson, J. A., phosphorus . 614
 Thompson, S., temperance &c. . 211
 Thompson, Theo., on consumption,
 &c. . 172
 Thomson, A. T., London dispensa-
 tory . 7
 — therapeutics . 13
 — ioduret of iron . 436
 Thomson, G., virtues of plants . 72
 Thomson, T., mercure . 478
 Thorius, R., hymnus tabaci . 709
 Thorn, J., copaiba . 385

- Thorowgood, J. C., hypophosphites 163
 Thoss, C. G., senega 678
 Thudichum, J. L. W., wines 745
 Thuessink, see *Thomassen*.
 Thuillier, C., dysuria 177
 Thuillier, M., café 369
 Thunberg, C. P., sternutatoria 184
 — epispastica 195
 — aloe 220
 — de gum. ammoniaco 227
 — de cort. angusturæ 231
 — de arnica 255
 — de benzoë 287
 — de oleo cajuputi 294
 — de diosma 408
 — de rosera 409
 — de ipecacuanha 528
 — iris 529
 — oxalis 601
 — de rubo 665
 Tickell, W., spt. ætheris sulph. 423
 Tidemann, J. R., sambucus 672
 Tiersot, H., arsenic (toxicol.) 265
 Tietz, C., phosphorus 612
 Tietz, J. A. L., de astragalo 271
 Tilemannus, J., therapeutica 2
 Tiling, J., thea 727
 Tiltingus or Tilling, M., cinnabaris 497
 — liliium curiosum 548
 — opium 585
 — rhabbarologia 659
 Tilling, R., milchcur, &c. 541
 Tillot, E., chlorate de potasse 637
 Tilt, E. J., uterine therapeutics 51
 Timbal-Lagrange, E., valériane 736
 — viola 746
 Timmermann, T. G., vesicantia 194
 — belladonna 273
 — opium 589
 Timpe, L. B., de auro muriatico 282
 Tirellus, M., vinum, febres 741
 Tison, E. E. A., fève de Calabar 619
 Titius, S. C., tabacum (clystera) 715
 Titley, J. M., purgantia 180
 Titon, H. A., iode 521
 Tittmann, J. A., topischen arzneim. 191
 Tivroni, G., jaborandi 621
 Tobias, M., de helleboro 459
 Tobold, A., kehlkopfs-krankh. 192
 Todarus, J., aqua 756
 Todd, R. B., clinical lectures 186
 Tode, J. C., drastica 179
 Toel, L., tela aranearum 248
 Toensen, A. C. E., sarsaparilla 684
 Toffoletto, A., cholera 54
 Toffoli, L., tartar-emetie 241
 Togni, M., café 368
 Tognola, A., tabacco 717
 Tolckemitt, S., saccharum saturni 626
 Tolet, P., vinaigre 199
 Tolstoi, M., strychninum 694
 Toltényi, S. à, therapia 19
 Tomaschewski, —, chinin 654
 Tommasi, S., therapia 33
 Tomson, T., de alcali volatili 223
 Tonelli, G., solfato di chinina 649
 Tongue, J., syphilis 476
 Tonini, C., tabacco 720
 Tonnellé, L., fièvres puerpérales 157, 481
 Tonstall, G., Scarbrough spaw 800
 Törngren, J. A., hydrargyri oxid.
 nigrum 503
 Torraca, G., cort. Peruvianus 344
 Torri, B., disinfectanti 150
 Torti, F., synopsis therapeutices 3
 — febres 39
 — china china 340, 341, 343
 Tosetti, P. J., artemisia 270
 Toai, A., tannato di stagno 693
 Toai, G., pepsina 608
 Toti di Fojano, L., cantaridi 307
 Toulmouche, —, dysenterie 598
 Toulon, G. W. v., oxygen 603
 Tourdes, G., anesthésiques 116
 Tourdes, J., thérapeutique 6
 — méd. à l'extérieur 81
 Tournal, H., acétate de plomb 628
 Tournay, —, vesicatoria 195
 Tourtual, C. F., kinder-krankhtu. 43
 Touzet, —, oxigène 603
 Townley, J., parturition, &c. 118
 Townsend, J., therapeutics 6
 Townsend, R., quiniæ sulphas 649
 Traill, T. S., aqua 760
 Trainer, W. A. B., manna 557
 Trall, R. T., alcohol 218
 Tralles, B. L., vires remediorum 63
 — de vesicantium usu 194, 195
 — camphora 300
 — moschus 571
 — opium 588
 Trallianus, Alex., therapeutica 1
 Transus, G. M., de calce viva 295
 Trappen, E. J. v., coffea 372
 Traak, J. D., tinct. of iodine 525
 Trautmann, F. A. M., bryonia alba 292
 Trélat, U., nécrose phosphorée 616
 Tremelius, J. B., cort. Peruvianus 344
 Trépant, L., alcool 218
 Tresling, J. B., de alcaloïdes, &c. 180
 Tretzelius, A. G., cort. Peruvianus 344
 Treviranus, L. C., aquilegia 247
 — de delphinio 399
 Trevisan, F., lacertole 545
 Treyling, J. J., tabacum 713
 Trew, C. J., de aloe 220
 Trezzolani, P., fumigazione 86, 87
 Triaire, P. H., irrigation (eau) 767
 Triana, J., les quinquinas 357
 Triberti, A., cantaridi 308

- Trideau, H., balsamiques . . . 140
 — croup, &c. 885, 391
 Trier, A., febris puerperalis . . . 46
 Trifaut, L., délire alcoolique . . . 217
 Trifot, —, café 372
 Triller, D. W., de clysterum usu . . . 97
 — cort. Peruvianus 343
 — opium 588
 — tabacum 714
 — vinum 743
 — viola 746
 Trinder, W. M., English olive tree . . . 84, 172
 — Barnet waters 780
 — Essex mineral waters 790
 Trinka, C. F. G., vires medica-
 mentorum 75
 Triquet, E. H., malad. de l'orsille . . . 51
 Troeltzsch, G. C., de oreoselino . . . 272
 Trommsdorf, G. B., de moscho . . . 571
 — sal glauberi 685
 Trommsdorf, J. B., asafoetida . . . 271
 Trommsdorff, T. C., quecksilber . . . 476
 Trommsdorff, W. B., lichen island-
 icus 323
 Tronchin, T., colica pictonum . . . 629
 Troost, L., lithium 550
 Tropea, C., terapia medica 56
 Troschel, H. N. T., contrayerva . . . 384
 Trotter, T., on scurvy 132
 — on drunkenness 209
 Trouessart, E. L., inflammation . . . 56, 808
 Trouseau, A., thérapeutique 15
 — médicaments 67
 — Part de formuler 80
 Trouseau et Bonnet, antimoine . . . 239
 Troyon, J. F., alcoolisme 218
 Truman, E., gutta percha 457
 Trumphius, J. G., de vitriolo . . . 441
 Truppel, C. F., de alvi solutione . . . 178
 Trüstedt, C. C. L., plumbum 630
 Tscherner, B. v., fer 433
 Tscheppe, F., hanfblätter 304
 Tschudi, J. J. v., kokkelskörner . . . 366, 620
 Tucker, J. H., acids 103
 Tullone, R., de purgatio 176
 Tully, W., mat. medica 25
 — sanguinaria 678
 Tundermann, K., senna 679
 Tünnermann, J., chlor. 329
 Tunstall, J., Bath waters 784
 Turck, A., sulfate de fer 441
 Turck, L., phosphore 614
 Turnbull, A., aconitine 203
 — delphinia (2) 399
 — prussic acid 509
 — ranunculaceæ 658
 — veratria 736
 Turnbull, J., on consumption . . . 568
 Turnbull, W., lues venerea 136
 — mercury 474
 Turnebus, A., de vino 741
 Turner, D., quicksilver 469
 Turner, J., antiphlogistica 130
 Turner, M., æther 423
 Turner, W., wines 740
 — booke of bathes 775
 — bath of Baeth 780
 Turra, A., ippocastano 206
 — china 344
 Turri, R., terapia 35
 Tuson, B. V., castor oil seeds . . . 663
 Tyrrel, W., strychnine 695
 Tyte, G., on mercury 470
 Tytler, J., Newcastle waters . . . 798
 Tytler, R., de oxygenio 603
 Uechtritz, F. H. O., de vi acidi
 nitrici, &c. 579
 Uhland, G. I. J., cort. Peruvianus . . . 346
 Uhle, A. F., spongia 692
 Ulacveld, J., hydropota 756
 Ulbrich, J. F., medicamenta 64
 Uldall, F. A., antispasmodica . . . 136
 — iodinum 618
 Ullersperger, J. B., herzbäume . . . 52
 — phthisis 53
 Ulrich, —, jalapa 530
 Ulrich, A. S., apinal curvat . . . 49, 56
 Ulrich, F. X., gutta percha 457
 Ultrahæus, D., moschus 570
 Ummius, J. A., de fumaria 445
 Unanne, J. H., coca 422
 Underhill, J., Bristol hot well . . . 785
 Ungnad, C. S., maiwurm 560
 Unsin, J. A., colchicum 376
 Untiedt, W., purgantia 181
 Untzer, M., anatomia mercurii . . . 467
 — physiologia salis 687
 — de sale, sulphure, &c. 687, 701
 Unzelmann, A., de salivatione . . . 487
 Unser, H. F., de aëre nit. oxydato . . 590
 Urban, A., cuprum 393
 Urban, J., therapie 13
 Ure, A., diseases of infancy 45
 — materia medica 66
 Urner, F. A., chloressigsäure . . . 325
 Urquhart, R., ipecacuanha 527
 Ursinus, L., de lilio albo 548
 Usener, F. P. G., anthelmintica . . . 128
 Uytterhoeven, A., gutta percha . . . 457
 Vadrot, E., champignons 223
 Valancourt, —, opium 583
 Valcarenghi, P., cinchona 342
 — de malis limoniis 363
 Valente, G., sarsaparilla 634
 Valenti, E. J. G. de, therapia 10

- Valentiana, F. F., salivacion . . . 487
 Valentin, —, angusture . . . 231
 Valentine, B., triumphwagen . . . 234
 Valentini, C. M., de macis . . . 574
 Valentini, M. B., historia moxæ . . . 268
 — china-china . . . 339
 — ipecacuanha . . . 526
 — magnesia . . . 552
 — faba St. Ignatii . . . 697
 Valerius, —, de cervis . . . 323
 Valerius, H., colocynthis . . . 377
 Valet, J. P., fractures . . . 43
 Valette, —, hydrogène arsénié . . . 267
 Valla, F., cholera-morbus . . . 129
 Valla, G., de purgatione . . . 174
 Vallance, J. H., brandy and salt . . . 210
 Valle, E., calomelano . . . 497
 Valleix, F. L. J., guide du mé-
 decin . . . 18
 Valli, —, oxide rouge de mercure . . . 503
 Vallin, E., bromure de potassium . . . 643
 Vallisneri, A., acqua . . . 757
 Vals, J., quinine . . . 654
 Valsér, A., alcaloïdes . . . 104
 Valsuani, P., cloralio . . . 810
 Vance, R. A., hypodermic medica-
 tion . . . 90
 Vandelli, D., arbor draconis . . . 409
 Vandercolme, E.,alsepareilles . . . 685
 Vandermonde, J. F., ginseng . . . 449
 — tabacum . . . 713
 Vari, J., rame . . . 392
 Vassal, P. G., digitale . . . 403
 — acétate de morphine . . . 564
 Vassy, J. R. de, geum urbanum . . . 449
 Vastpanus, P. J., china china . . . 346
 Vater, A., analepsis rationalis . . . 126
 — anti-epileptica . . . 129
 — de balsamo de Mecca . . . 284
 — de vitriolo . . . 441
 — ol. olivarum (2) . . . 582, 583
 — ol. animale (2) . . . 583
 — laurocerasus . . . 644
 — ruta . . . 668
 — vitriol. sulphuris . . . 705
 Vater, C., plantæ . . . 72
 — diaphoretica . . . 147
 — de virtute martis . . . 430
 — de mercurialibus . . . 468
 Vaudrey, —, thridace . . . 546
 Vaughan, W., yellow bark . . . 349
 Vaulonne, —, fièvres intermit. . . 130
 Vaume, J. S., mercure . . . 477
 Vautherin, A., croton tiglium . . . 390
 Vayron, T. J., amyliène . . . 229
 Vechner, M., therapeutica . . . 2
 Vée, A., fève de Calabar . . . 618
 Veitch, P. D., euphorbium . . . 426
 Velasco, C. de, glycérine . . . 451
 Velez de Arciniega, F., cubebas . . . 391
 Vella, L., nicotina . . . 576
 Velloso, J. M., quinografia Portug. . . 349
 — alographia . . . 634
 — quassia, simaruba . . . 681
 Velpeau, A., cavités closes (2) . . . 100
 Veltmann, —, schwefel . . . 704
 Velut, P. J., amblyopie . . . 215, 719
 Venables, R., dropsey . . . 42
 — carbonic acid gas . . . 317
 — oxalic acid . . . 601
 Venner, T., tobacco . . . 709
 — baths of Bathe . . . 781
 — Bristol waters . . . 785
 Venot, J., azotate d'argent . . . 251
 — cinabre . . . 498
 — stérate de mercure . . . 503
 Venturi, A., de melle . . . 560
 Venturini, G., de secali cornuto . . . 418
 Verbeck, A. J., acetum in typho . . . 200
 Verbesius, D., de calcantho . . . 441
 Verdat, —, digitalis . . . 403
 Verdier, E., cérat opiacé . . . 595
 Verdries, J. M., cuprum . . . 392
 — mercurialia . . . 489
 — aqua . . . 757
 Verdun, E., diurétiques . . . 154
 Verga, A., cloralio . . . 810
 Vergely, P., belladone . . . 277
 Vergne, E. W., opium . . . 595
 Verhaeghe, L., bains de mer . . . 772, 773
 Verhagen, P. J., nicotiana . . . 716
 Veri, C., hydrargyrum . . . 468
 Vering, J. Ritter von, syphilis . . . 43
 Verne, C., boldo . . . 290
 Vernois, M., verts arsenicaux . . . 267
 — et Becquerel, A., lait . . . 541
 Verrier, E., anesthésie . . . 119
 Versen, A. J., antiphlogistica . . . 131
 Vesalius, A., chynæ radix . . . 682
 Vesling, J., opobalsamum . . . 284
 Vesou, F., opium et china-china . . . 340
 Vesti, J., formulæ . . . 76
 — sternutatoria . . . 184
 — de castoreo . . . 320
 — de cornu cervi . . . 323
 — de spermate ceti . . . 323
 — martialia . . . 430
 — mercurialia . . . 468
 — succinum . . . 700
 Vételay, G. T., pseudarthroses . . . 101
 Vetillard, —, ergot . . . 411
 Vetter, F. G., remedium vires . . . 65
 Veyrieres, F., nitrite d'amylo . . . 228
 Vial, E., diathèse urique . . . 57
 Viallé, L. E., café . . . 372
 Viault, F. G., inject. veinenses . . . 92
 Vicente, J., sesquichlor. ferrico . . . 439
 Vichte, J. A. van der, de anti-
 monio . . . 236
 Vicq d'Azyr, F., éther . . . 423

- Viq d'Azyr, F., sublim. corrosiv. 500
 Vidal, A. (de Cassia), injections
 utérines 99
 Vidal, J., huiles médicinales 173
 Vidal P., fièvres chirurgicales 174
 Videcoq, —, purgatifs 180
 Vidil, H., gutta percha 457
 Vieillard, L., alcool 218
 Vigaroux, J. B., nitrate d'argent 251
 Viger, E., prép. ferrugineuses 433
 Vignal, E. T., pois du typha 733
 Vignat, A., opium 598
 Viguier, L. G. A., hist. des pavots,
 et des argémons 249, 606
 Vildieu, S. G., moxa 269
 Villard, F., haechisch 305
 Villeneuve, A. C. L., ergot 414, 416
 Villert, —, garou 397
 Villette, A., fumigations 88
 Villifranchi, G. C., oenologia tos-
 cana 743
 Vincent, H., chloroforme 332
 — sel marin 688
 Vincent, J. L., opium 593
 Violland, P. H., veratrum viride . 738
 Virchow, R., thérapie 22
 Virey, J. J., aphrodisiaques 138
 — café 371
 — sel marin 159
 — de lacte 536
 Visconti, G. P., emollentia 159
 Vitaliani, A., tabacum 710
 Vitet, L., sangsues 462
 Vitman, F., de facult. herbarum . . 64
 Vitre, E. D. de, de affusione 763
 Vittadini, A., iscuria vesicale 53
 Vivante, C. D., cura lattea 542
 Viventius, J., de cicuta 381
 Vivenzi, J., see *Viscensius, J.*
 Vlaanderen, C. L., tabak 717
 Vlies, N. L., van der, ulmi cortex . 734
 Vogel, —, cantharides 306
 Vogel, G. H., de acido nit.-muriat. 579
 Vogel, J. R. T., origanum 600
 Vogel, L., de kresoto 387
 Vogel, R. A., de balsamo Meccano 284
 — aqua calcis 296
 — mutterkorn 411
 — mercurius sublimatus 499
 — sulphur (liniment) 702
 Vogel, R. N., vomitoria 127
 Vogel, S. G., seebadekuren 771
 Vogel, T., lac 538
 Vogl, A. E., chinarinden 357
 Vogler, H. v., de lacte 537
 Vogler, J. C. W., de salibus 183
 Vogt, P. F. W., receptirkunst 79
 Vogt, T., cort. Peruv. succedan. . 358
 Voigt, F. E., de junipero sabina . 533
 Voisin, A., alcoolisme, &c. 214
 Voisin, A., absinthisme 267
 — épilepsie 394
 — curare (2) 395
 — morphine (2) 566
 — brom. de potassium 641, 643
 Voit, C., kaffee, &c. 372
 — kochsals, &c. 688
 Volckamer, J. G., opobalsamum 284
 Völkers, F. C., evacuantia 160
 Volmar, J., nitrum 638
 Volpe, L., sali solfistici 188
 Vopelius, H., typhus abdominalis . . 55
 Vosmaer, J., adstringentia 139
 Voss, C. L., de aceti usu 200
 Voss, W. F. L., de prophylaxi 173
 Vosseur, F., exutoires 182
 Younck, J. J. H., de epispasticis . 195
 Vries, P. de, acid. phosphoricum 611
 Vriese, W. H. de, camphrier 303
 Vrolik, G., vires plantarum 74
 Vry, J. E. de, antiaris toxicaria 234
 — quina tree in Java 360
 Vuillot, G., émétique 240
 Vulpian, A., nitrate d'argent 252
 Vyau Delagarde, L., tart. de potas.
 antimonié 241
 Wachter, F., wachholderöl 532
 Wackenroder, H. W. F., anthel-
 mintica 128
 Wadd, W., ou strictures 141
 Wade, J. P., mercurials, &c. 475
 Wade, R., stricture of urethra 634
 Wade, W. M., waters of Scotland 777
 Wagner, C., magnesia, &c. 553
 Wagner, C. L. F., syst. cutanea 82
 Wagner, C. L. O., de acido arseni-
 coso 257
 Wagner, G., scilla 676
 Wagner, G. F., de virtut. plantar. . 61
 — de balsamo 284
 Wagner, H., natrum sulphuricum 686
 Wagner, J. E., de purgatione 176
 Wagner, J. G., hist. lauri 547
 Wagner, P., chloroform 114
 Wagnitz, M. E., de mercurio dulci 493
 Wagstaff, W. R., on throat disease 192
 Wagstaffe, W. W., transfusion, &c. . 92
 Wahlenberg, G., vires plantarum . . . 76
 Wahltruch, A., dict. mat. med. 32
 Wahu, A., théraputique 20
 — arsenic (2) 261
 Wainman, O., vinum 743
 Waits, F. A. C., hydrargyromanie 491
 Wake, B., de arsenico 258
 Wakley, T., glycerine 450
 Waldenberg, L., athmungsorgane-
 krankheiten 193
 Waldie, D., anæsthetics (hist.) 123
 Waldmann, W., sauerstoff 605

- Waldschmidt, J. J., cura lactis . . . 537
 — nux vomica . . . 697
 — thea . . . 726
 Waldschmidt, W. U., quid pro quo 3
 — formulæ . . . 77
 — de argento, &c. . . 249, 392
 — de cornu cervi . . . 322
 — thee . . . 727
 Wales, P. S., mechanical therap. . . 39
 Walker, G. A., ulcers, fumigation 87
 Walker, J., Harrowgate waters 792
 Walker, J. M., veget. astringents 139
 — cornus florida, &c. . . 387
 Walker, R., carrots . . . 399
 Walker, T. D., Dimadale springs, &c. . . 789
 Wall, J., Malvern waters . . . 796
 Wall, M., Medical Tracts, 346, 571, 629 — opium . . . 589
 Wallace, W., moxa . . . 269
 — chlorine . . . 328
 — sulphur fumigations . . . 703
 Wallerius, J. G., alkalina . . . 105
 — cinnabaris . . . 498
 Walser, F. X., atropa belladonna 275
 Walther, A. F., de oleis . . . 172
 Walther, C., arsenik-vergiftung 266, 267
 Walther, H., opium . . . 592
 Walther, J. A., therapie . . . 7
 Walther, M., de manna . . . 556
 Walz, G. F., giftlâtlich . . . 546
 Wanklyn, J. A., milk analysis — tea and coffee analysis . . . 729
 Wanner, —, croup . . . 93
 Wanner, F. X., mercurius dulcis 493
 Ward, H., on tetanus . . . 508
 Ward, M., opiate frictions . . . 592
 Wardleworth, T. A., ergot . . . 417
 Waring, E. J., therapeutics . . . 23
 — Indian anthelmintics . . . 129
 — purgatives of India . . . 181
 — tonics of India . . . 190
 — euphorbiacæ . . . 427
 Warlam, J., iode . . . 524
 Warlomont, E., fève de Calabar 618
 Warner, J., agaric of the oak 207
 Warren, E., letheon . . . 122
 Warren, J., de cort. Peruviano — mercurials . . . 478
 Warren, J. C., etherisation . . . 109
 — chloroform, &c. . . 112
 — alcoholic drinks . . . 210
 Warren, J. M., ether inhalation 107
 Warren, M., Jesuits' bark . . . 341
 Warrington, R., Pereira's materia medica . . . 29
 Wasser, L. J. T., sal sedativ. Hombergii . . . 686
 Wasserberg, P. A., schwefel . . . 702
 Wasserzug, E., eucalyptus glob. . . 425
 Wastell, H., mercurials . . . 474
 Waterhouse, B., tobacco . . . 715
 Waterton, E., wourali . . . 394
 Waterworth, T. L., Sand Rocks water . . . 799
 Wathen, J., mercurials . . . 472
 Watson, Eb., topical medication 192
 — Calabar bean . . . 618
 Watson, G., de hirudinibus . . . 462
 Watson, H. H., arsenic (toxicol.) 266
 Watson, J. Forbes, charcoal . . . 311
 Watts, G., on revulsion, &c. . . 144
 Watts, J., factitious airs . . . 316
 Watts, R. G., inhalation . . . 96
 Wauters, P. E., exutoria . . . 195
 — la digitale, &c. . . 402
 Wavell, R. M., digitalis . . . 404
 Weatherhead, G. H., mercury — water . . . 491
 — Leamington spa . . . 764
 — Beulah spa . . . 795
 — Leamington spa . . . 795
 — Beulah spa . . . 798
 Webb, J. W., congelation . . . 125
 Webber, S. G., veratrum viride 738
 Webel, C., de lacte . . . 538
 Weber, C. F., fumigatio . . . 86
 Weber, F., ol. jecoris aselli . . . 566
 Weber, G. F., phthisis . . . 42
 Weber, G. H., geum urbanum 449
 Weber, G. P., vires medicamentorum . . . 74
 Weber, G. P. F., charbon végétal 310
 Weber, J., narcotica . . . 170
 Weber, J. H., datura . . . 398
 Weber, J. J., de martialibus 431
 Wedecke, —, blutegel . . . 464
 Weddel, H. A., cinchona 354, 356, 362
 Wedekind, G. F., arzneimittel 67
 Wedekind, G. C. F., diaphoretica 149
 Wedel, G. W., exercit. patholog. — therapeutics . . . 8
 — medicamenta . . . 61, 71
 — de med. compositione . . . 76
 — de aqueorum usu, &c. . . 149
 — diuretica . . . 153
 — de oleis . . . 171
 — de salsorum usu . . . 183
 — de salium origine . . . 183
 — de amarorum usu . . . 188
 — de sale volatili . . . 222
 — de sale ammoniaco . . . 225
 — de antimonio . . . 237
 — de arsenico . . . 256
 — de camphora . . . 300
 — de cantharidibus . . . 306
 — de cinnamomo . . . 362
 — de colchico . . . 373
 — de contrayerva . . . 384
 — de cubebis . . . 391
 — de cuscuta . . . 395

- Wedel, G. W., de vincetoxico . . . 396
 — de centauro . . . 421
 — de radice amara . . . 448
 — de glycyrrhiza . . . 451
 — de mercurio . . . 468
 — de hyoscyamo . . . 511
 — de hyperico . . . 513
 — de hyssopo . . . 513
 — de helenio . . . 515
 — de ipecacuanha . . . 526
 — de sabina . . . 532
 — de lycopodio . . . 551
 — opiologia . . . 585
 — de plantagine . . . 624
 — colica saturnina . . . 629
 — rhabarbarum (2) . . . 659
 — de salvia . . . 671
 — de sambuco . . . 672
 — de scorzonera . . . 676
 — serpentaria . . . 680
 — de terebinthina . . . 723
 — de maro . . . 725
 — de thea . . . 727
 — de viola . . . 746
 Wedel, J. A., alterantia . . . 106
 — de calamo aromatico . . . 295
 — magnesia alba . . . 552
 — de sale cathartico . . . 553
 — de scordio . . . 725
 — verbena . . . 739
 Weidenberg, A. F., stramonium . . . 398
 Weekes, H., warm water remedy . . . 764
 Wegelin, H., phosphorus . . . 613
 Wegelin, J. E., arsenic (toxicol.) . . . 264
 Wegerich, F. G., de astragalo . . . 271
 Wegscheider, J., emetica . . . 157
 Weicht, G., acide prussique . . . 507
 Weidel, H., nicotin . . . 720
 Weidenbach, W., de chloriformio . . . 114
 Weigel, C. E. v., anthelmintica . . . 128
 — de fructibus Javæ . . . 302
 — phosphorus . . . 612
 Weiger, J., æther sulph., &c. . . 113
 Weigersheim, N., kaltwasser . . . 764
 Weil, A., croton-chloral . . . 328
 Weil, E., digitale . . . 408
 Weiler, A. F., chlor . . . 329
 Weineck, F. F. A., antisymphilitica . . . 137
 Weinhold, K. A., graphit . . . 452
 Weinland, D. F., tapeworms . . . 129
 Weinrich, G. A., de homatoxylo . . . 457
 Weise, F. J. H. v., antisymphilitica . . . 136
 Weismantel, J. N., gayac . . . 456
 Weiss, C. C., coffea . . . 372
 Weiss, J. C., de malo punico . . . 645
 Weiss, J. N., de lacte . . . 638
 Weiss, I. S., antiphlogistica . . . 131
 Weissenberger, F. A., arnica-
 wurzel . . . 255
 Weitanweber, W. R., kaffee . . . 372
 Weitsch, J. C., de aro maculato . . . 270
 Weitzenbreyer, C. G., de cupro . . . 392
 Welenzas, G., Bright's disease . . . 49
 Wellens, J., evacuantia . . . 160
 Wells, H., history of ether, &c. . . 107
 Welsch, G. C. L., sulph. vitrioli . . . 705
 Welz, R. von, æther . . . 109
 Wendelin, J. G., de metallicis . . . 167
 Wendt, J., formulæ . . . 79
 Wendt, J. C. W., hydrargyrum . . . 480
 — hydrargyrum . . . 491
 — salep . . . 599
 Wendt, P., asthma . . . 40
 Wentzke, J. G., formulæ . . . 78
 Wenz, —, china . . . 357
 Wenzel, C., crotonöl . . . 390
 — wasserfenchel . . . 610
 Wenzinger, B., injections . . . 99
 Wepfer, B., de chalybeatiss . . . 430
 Wepfer, J. J., cicutæ aquatica . . . 336
 Werchav, —, de plumbo . . . 627
 Werchin, —, de miel phénique . . . 312
 Werlhof, P. G., de mercurio . . . 469
 Werlitz, G. A., oleum citri . . . 364
 Werloschnig, J. B., saccharum
 lactis . . . 669
 Werneck, L. F. F., therapie . . . 7
 Werner, A., rubus chamaemorus . . . 665
 Werner, J., therapeutica . . . 2
 Werner, J. B., de moscho . . . 571
 Werner, J. G., anti-epileptica . . . 129
 Wertheim, G., coniin, &c. . . 383
 Wertmüller, C. H., de catechu . . . 321
 Wesche, V. J., de chinino . . . 650
 Wessel, G., colica saturnina . . . 631
 Westendorf, J. C., acetum . . . 200
 Westmann, S. A., antiphlogistica . . . 130
 Westphal, A., vomitoria . . . 155
 — cort. Peruvianus . . . 344
 Westra, J. J., de antimonio . . . 239
 Westring, J. P., de ledo palustri . . . 547
 Wetzlar, G., kali borussicum . . . 436
 Wetzler, J. E., gaz muriatique . . . 329
 Wever, F. B., de alcali volatilii . . . 223
 Weyda, H., thee . . . 729
 Weyl, J. M., oxygenium . . . 602
 — nux vomica . . . 698
 Weyland, L., veratrin, &c. . . 204
 — emetin, &c. . . 410
 — veratrin, &c. . . 400, 637, 737
 Weyman, G. W., lithium . . . 550
 Whinchopp, W., hydrothorax . . . 495
 Whistling, C. G., agaricus mus-
 carius . . . 221
 Whitaker, T., blood of the grape . . . 741
 Whitaker, W., de cantharidibus . . . 306
 White, C., sponge . . . 692
 White, R., de vomitoriis . . . 157
 — sea water . . . 771
 White, W., antimonialia . . . 238

- White, W., James's fever powder 245
 — willow bark . . . 671
 Whitton, C., hist. of monkshood . . . 203
 Whytt, R., lime water . . . 295
 Wiart, —, eau de mer . . . 774
 Wibmer, C. A., arzneimittel . . . 67
 — plumbum . . . 630
 Wicke, W., amygdalin . . . 228
 Wickman, D., ipecacuanha . . . 527
 Widal, —, digitale . . . 408
 Wiedmann, G. M., idea præscri-
 bendi . . . 78
 Wiel, J. P., nux vomica, &c. 697, 750
 Wierzbowski, G., de oxygenio . . . 603
 Wiesend, O., dulcamara . . . 690
 Wier, A., frictions mercurielles . . . 482
 Wigandus, J., de ptyalismo . . . 487
 — sal, succinum, &c. . . 687, 700
 Wiggers, A., opium, &c. . . 599
 Wiggers, H. A., secale cornutum 415
 Wikströme, J. E., daphne . . . 397
 Wilbrand, F. J. J., kreosot . . . 387
 Wilcke, H. C. D., syst. sex. in med. 74
 Wildberg, C. F. L., belladonna . . . 274
 Wilhelm, H. de, manng (scriptura) 558
 Wilhelm, J. G., juniperum . . . 532
 Wilhelmi, C. L., colchicum . . . 373
 Wilhelmi, J., terebinthina . . . 723
 Wilhelmi, J. F. L., cantharides . . . 308
 Wilhelmi, N. M., de salivatione . . . 487
 Wilkinson, J. H., Barbadoes rock
 oil . . . 290
 Wilkinson, W., willow bark . . . 671
 Willan, R., Croft water, &c. 789, 792
 Willdenow, C. L., de achilleis . . . 202
 Willemet, P. R. F., vires plantarum 74
 Willemet, R., lichénographie . . . 548
 Willemmin, A., absorption externe 82
 Willemmin, J. A., soufre (fumigat.) 703
 Willet, A., emmenagoga . . . 159
 Williams, A., angustura . . . 231
 Williams, A. W., Caernarvon well 787
 Williams, C. J. B., principles of
 medicine . . . 19
 Williams, H. W., iritis . . . 483
 Williams, J., narcotics in insanity 170
 Williams, R., Llandrindod spa . . . 796
 Williams, S., Road water . . . 799
 Williams, S. W. D., brom. of potass. 641
 Williams, T., copper smoke . . . 393
 Williams, T. A., Caversham spring 787
 Willich, A. F. M., Bristol waters 785
 Willigens, J. W., méd. antipyré-
 tique . . . 132
 Willis, R., stone in the bladder . . . 166
 Willis, T., pharm. rationalis . . . 61
 Willison, J., purgantia . . . 180
 Willmott, W. B., glycerine, &c. 450, 569
 Willmanns, C. A., anthelmintica . . . 128
 Wilmot, J. B., creasote . . . 388
 Wilson, A. P., mercury (2) . . . 476
 — opium . . . 590
 — febrile diseases, &c. . . 715
 — Malvern waters . . . 796
 Wilson, C., pathol. of drunkenness 212
 Wilson, D., opium . . . 591
 Wilson, E., thermotherapeia . . . 87
 W(ilson), E., spadacrene Dunel-
 mensis . . . 790
 Wilson, E. T., disinfectants . . . 152
 Wilson, J., medicated vapour . . . 87
 — de diureticis . . . 153
 — de digitali . . . 403
 Wilson, W. M., cholera . . . 811
 Wimmer, M., de radice cainca . . . 294
 Winckler, D., de opio . . . 585
 Winckler, F., therapie des wochen-
 betts . . . 53
 Winckler, G. A., digitalis . . . 405
 Winckler, J. H., moschus . . . 571
 Windemuth, A., de acid. hydrocyan. 509
 Winder, F., ambustio . . . 46
 Windorff, L. J. F., acid. vitrioli . . . 705
 Winkler, F. L., chinarinden . . . 354
 Winkler, J. M., therapie . . . 11, 16
 Winneken, C., opobalsambaum . . . 284
 Wirnich, A., mutterkorn . . . 421
 Wirtensohn, C. J., opium . . . 588
 Wise, —, chloroform . . . 330
 Wiselius, S. I., aqua . . . 763
 With, O. H., milchwein . . . 541
 Wither, T., zinkblumen . . . 750
 Withering, W., foxglove . . . 400
 [Withers, G.], tobacco . . . 711
 Witt, B. de, oxygen . . . 602
 Witt, C., scarlet fever, &c. . . 224
 Witte, C. T., diuretica . . . 153
 Witte, G. C., virtutes medicam. . . 73
 Witte, W. J., glycyrrhiza, &c.
 451, 557, 668
 Wittfeld, J. H., digitalis . . . 404
 Witthoff, G., wasser . . . 768
 Wittich, J., guaiacum, &c.
 455, 675, 683
 Wittich, M., pneumonie . . . 496
 Wittie, R., Scarbrough spaw . . . 800
 Witting, C. F., de tartaro emetico 240
 Wittmaack, T., therapie . . . 26
 — epilepsia . . . 49
 Wittmann, F. J., chinin . . . 649
 Wittstock, C., columbin . . . 299
 — fixe luft . . . 316
 Wittwer, Woensel P. v., merkur 474
 Witzendorf, A. B., chinoidinum . . . 657
 Wohler, —, arsenikvergiftung . . . 266
 Wohnlich, W., de helice . . . 457
 Woillez, —, tannin . . . 721
 Wolf, D. H., cantharides . . . 307
 Wolf, E., pyrola umbellata . . . 646
 Wolf, G. A., de radice cainca . . . 294

- Wolf, H. H., *remed. contra teniam* . . . 123
 Wolf, J., *alisma plantago* . . . 219
 Wolf, J. G., *inula helenium* . . . 515
 Wolfart, C. C., *therapie* . . . 10
 Wolff, A. F., *phosphorus* . . . 612
 Wolff, E., *colchicum* . . . 374
 Wolff, J. J., *emetica* . . . 155
 Wolff, M. v., *de usu arsenici* . . . 258
 Wolff, S., *salivatio* . . . 488
 Wolff, S. B., *de semine antonico* . . . 268
 Wolffheimer, M. B., *diaphoretica* . . . 148
 Wolffs, P., *purgantia* . . . 177
 Wolfsohn, M., *de lacte* . . . 540
 Wollebins, L., *de belleboro* . . . 458
 Wollowicz, Count C., *alcohol* . . . 216
 Wollstein, C. J., *de sufficientis* . . . 86
 Wolterbeck, J. S., *gangrana* . . . 40
 Wolters, H., *antiscorbatica* . . . 133
 Wood, A., *neuralgia, opiates* . . . 88
 Wood, G. B., *therapeutica* . . . 25
 Wood, H. C., *therapeutica* . . . 36
 — *new remedies* . . . 59
 — *Year Book of Therapeutics* . . . 59
 — *nitrite of amyl* . . . 228
 — *hemp plant of N. America* . . . 305
 — *veratrum viride* . . . 738
 Wood, J., *emetica* . . . 155
 — *on stimulants* . . . 185
 Wood, T., *hydr. peroxyde of iron* . . . 440
 Woodforde, J., *purgantia* . . . 180
 Woodhouse, J., *acida, &c.* . . . 102
 — *carbolic acid* . . . 312
 — *persimmon tree* . . . 409
 Woodhull, A. A., *ipecacuanha* . . . 529
 Woronoff, —, *chinin* . . . 653
 Worthington, C., *bathing* . . . 774
 Worthington, J., *Mount Sion spa* . . . 795
 Worthington, R., *tartarum* . . . 640
 Worthington, S., *de aceto* . . . 200
 Wozniakowski, L., *anthelmintica* . . . 129
 Wrede, E., *de aristolochia* . . . 254
 Wright, E., *hist. ferri* . . . 431
 Wright, J., *essay on wines* . . . 743
 Wright, M. B., *water* . . . 764
 Wright, S., *ergot of rye* . . . 417
 Wright, T. B., *iodine* . . . 519
 Wright, W., *mercury in deafness* . . . 479
 — *quassia simaruba* . . . 681
 Wucherer, G., *schwefeläther* . . . 424
 Wulff, J. M. T., *belladonna* . . . 275
 Wulffius, E., *salpetersäure* . . . 579
 Wulzinger, M., *hydrologia* . . . 764
 Wanderlich, C. A., *therapie* . . . 21, 26
 — *digitalis* . . . 405
 — *acidum nitricum* . . . 579
 Wünsch, J. F., *sulphur* . . . 702
 Wurfbain, F. S., *rubia tinctorum* . . . 664
 Wurm, F., *de diureticis* . . . 154
 Würth, J., *typhus* . . . 41
 Wurz, G. C., *medicamenta* . . . 64
 Wüstney, H. G., *säuren* . . . 102
 Wydra, W., *de iodio* . . . 519
 Wyk de Vos., N. v., *anti-epileptica* . . . 130
 Wynkissely, W., *mercur. sublimat* . . . 500
 Wynn, J., *de cantharidum usu* . . . 306
 Wynne, G., *de cort. Peruviano* . . . 346
 Wynter, J., *Bath waters (2)* . . . 782
 Wyttenbach, C., *de oleis* . . . 172
 Ximenes, F., *agua* . . . 755
 Yates, W., *mercury* . . . 476
 Yeats, G. D., *calomel and opium* . . . 494
 Yeo, J. B., *therapeutics* . . . 35
 Ygonin, J. B., *tabac* . . . 718
 Yon, A., *et Le Clerc, E., caffè* . . . 368
 Yon, P., *purgantia* . . . 177
 Yonge, J., *currus e terebintho* . . . 722
 Youmans, E. L., *alcohol* . . . 211
 Young, G., *opium* . . . 587
 Young, T., *de lacte* . . . 539
 Ypey, N., *agua* . . . 761
 Ysasi y Jasmundi, J., *simaruba* . . . 681
 Ivan, V., *quinine* . . . 650
 Yvelin, P., *lithontriptics* . . . 163
 Yvonnau, A., *chloroforme* . . . 331
 Zacchiroli, M., *medicamenti* . . . 64
 Zacephin, J., *de alcalibus* . . . 105
 Zaepffel, E., *brom. de potassium* . . . 641
 Zaffius, R., *medicamenta* . . . 63
 Zaggi, F. X., *mutterkorn* . . . 419
 Zahn, J. H., *rhododendron* . . . 661
 Zaborowski, D., *de iodio* . . . 518
 Zambelli, W., *coffea* . . . 371
 Zang, C. B., *wasser* . . . 761
 Zangarini, G., *de asafotida* . . . 271
 Zani, A., *crocus* . . . 399
 Zani, J., *cloralio* . . . 326
 Zannichelli, J. H., *de rusco* . . . 666
 Zannichelli, J. J., *ippocastano* . . . 206
 — *coffea* . . . 370
 — *de ferro* . . . 430
 Zannini, G. E., *mercur. sublimat.* . . . 499
 Zanon, B., *achilleina &c.* . . . 201, 202
 Zappfus, G. C., *de vomitoriis* . . . 156
 Zappulla, V., *chinina* . . . 655
 Zavagli, —, *unzioni oleose* . . . 85
 Zayas Bazan, F., *traitement anti-septique* . . . 135
 Zehenphennigh, H. P. S., *abusus remediumum* . . . 155
 Zeidler, G. W., *necrosis phosphorica* . . . 616
 Zeidlerus, G., *tartarum* . . . 640
 Zeise, G. C., *alcalina* . . . 105
 Zeiss, R., *atropin* . . . 279
 Zeiss, H., *syphilis* . . . 48
 Zeitner, S. F., *croton tiglium* . . . 390
 Zeller, C. M., *hydrargyrum* . . . 476

Zeller, J., vinum lithargyri	626	Zincke, T., heracleum	459
Zeller, J. G., de bile	429	Zinkeisen, A., balneotherapie	770
Zeller v. Zellenberg, S., wasser, &c.	692, 760	Zipperlen, J. B., wasser	765
Zendrini, B., china china	341	Zobel, —, de gratiola	452
Zenker, F. E., acid. phosphoricum	611	Zobel, F., tartarologia	640
Zenker, H. C., opium	587	Zoelner, B., succinum	700
Zernentsch, F., de usu auri	282	Zollickoffer, W., prussiate of iron	436
Zeviani, —, de cort. Peruviano	345	Zomborcsevics, V., meth. derivans	145
Zeviani, G. V., uso della purga	178	Zopff, J. C., de vomitoriis	154
Zeysoiff, G., digitalis	406	Zsoldos, J., rhus cotinus	662
Ziegler, C. G., de carminativis	140	Zuccarello-Patti, M. (iodo-tannin)	526
Ziegler, F. de., liq. cornu cervi	323	Zuckerhandel, M., nicotiana	717
Ziegler, G. J., nitrous oxide	581	Zuelzer, W., variola	55
Ziegler, J., tabak	708	Zulatti, —, ippocastano	206
Zieglerus, J. P., de oleorum usu	172	Zundel, A., désinfection	152
Ziemssen, H. von, therapie	86	Zuppinger, A., typhus abdominalis	48
Ziemssen, H., wasser	768, 769	Zuzorini, L., psychischen krankh.	44
Zimmerer, C. A., de calce oxy- muriatica	297	Zweigel, J. F., aqua	759
Zimmermann, C. G., antiphlo- gistica	130	Zwenger, C., de catechino	321
Zimmermann, C. J., aqua	761	Zwicklitz, P., præp. mercurii	481
Zimmermann, G., Archiv für the- rapie	58	Zwicky, F., prophylaxis	173
Zimmermann, J. J., pulsatilla, &c.	230	Zwinger, T., amygdalæ	227
		— de nitro	638
		— de thee helveticæ	740
		Zybell, C. J. R., strychnine	695
		Zynen, T. D., cinchona	356

INDEX OF SUBJECTS.

<p>Absinthe 267 Absorbents 127 Acacia officinalis 199 Acetum 199 Achillea Clavenæ 201 — millefolium 201 Acids 101, 808 Acid, acetic 199 — benzoic 287 — carbonic 312 — carbonic 314 — chloracetic 325 — chromic 335 — citric 362 — formic 444 — gallic 445 — hydrochloric 505 — hydrocyanic 506 — lactic 545 — muriatic 505 — nitric 576 — nitrous 576 — nitro-hydrochloric 579 — osmic 600 — oxalic 600 — phosphoric 610 — picric 620 — prussic 506 — salicylic 670 — sulphuric 705 — sulphurous 701 — tannic 720 — tartaric 721 — thymic 731 Aconitine 202 Aconitum Napellus 202 Acoroides resinifera 205 Addenda 755 Adiantum capillus veneris 205 Egle marmelos 206, 809 Esculus hippocastanum 206 Ether, see <i>Ether</i> 423 Ethiops mineral 504 Ethusa cynapium 207 Agaric of the larch 207 — of the oak 207 Agaricus deliciosus 207 — muscarius, see <i>Amanita</i>.</p>	<p>Agaricus piperatus 207 Agave, sp. of 208 Agrimonia eupatorium 208 Ailantus excelsa 208 — glandulosa 208 Air, fixed, mephitic, &c. see <i>Car-</i> <i>bolic acid</i>. — dephlogisticated, see <i>Oxygen</i>. Akazaga poison 208 Alkaloids 103, 808 Alcohol 206, 809 Aleurites triloba 219 Alisma plantago 219 Alkalies 104 Aloes 219 Alteratives 106 Alumen 220 Alyxia aromatica 221 Amanita muscaria 221 Amber 700 American hellebore 738 — ipecacuanha 449 Ammonia 222, 809 Ammoniacum (gum) 227 Ammonia acetas 225 — carbonas 222 — hydrochloras 225 — valerianas 225 Ammonii bromidum 225 — chloridum 225 — iodidum 227 Amygdalus communis 227 Amyl, nitrite of 228 Amylene 229 Anæsthetics 107 — local 124 Anacardium occidentale 229 Anagallis arvensis 229 Analeptics 126 Andira inermis 229, 809 — Surinamensis 229 Anemone pratensis 230 Anethum graveolens 230 Angelica Archangelica 230 Angusturæ cortex 231 Aniline 232 Aniseed 232 — star 232, 514</p>
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Anisum	232	Atractylus gummifera	272
Anisum stellatum	232	Atropa Belladonna	272
Anodynes	126	— mandragora	277
Anodynes [narcotics]	169	Atropia, atropine	278
Antacids	127, 808	Atropias valerianas	279
Anthelmintics	127, 808	Aurum	279
Anthemidis flores	232	Avens	449
Anthrakokali	233	Bael	206
Antiaris toxicaria	233, 809	Balm, common	560
Anti-epileptics	129	Balm or Balsam of Copaiba	385
Antimonium	234	— of Gilead	283
— tartaratum	239, 810	— of Mecca	283
Antimonii oxidum	244	— of Peru	285
— pentasulphuretum	245	— of Tolu	285
— terchloridum	810	Ballota lanata	283
— tersulphuretum	246	Balsam apple	563
Antimony and antimonials, see <i>Antimonium</i>		Balsamics	139
Antiperiodics	130	Balsamodendron Gileadense	283
Antiphlogistics	130, 808	Balsamum Peruvianum	285
Antipyretics	130	— Tolutanum	285
Antiscorbutics	132	Banana	572
Antiseptics	133	Baptista tinctoria	285
Antispasmodics	136	Barbadoes, rock oil of	290
Antisyphilitics	136	Bardana	248
Aperients	137	Barium	285
Aphrodisiacs	138	Barosmæ folia	408
Apiol	246	Barytes and its salts	285
Apium petroselinum	246	Bearberry leaves	734
Apocynum cannabinum	246	Bebeerine	286
Apomorphia	247	Beech	429
Aquilegia vulgaris	247	Begonia, sp. of	208
Aranea et araneorum tela	247	Belladonna	272
Arbutin	248	Benzin	287
Arctium lappa	248	Benzoic acid	287
Areca catechu	249	Benzoin	287
Argemone, sp. of	249	Berberine	287
Argenti nitras	249	Betel vine	622
— oxidum	254	Betonica officinalis	287
Argentum	249	Betula alba	288
Aristolochia clematitis	254	Biborate of soda	686
— fragrantissima	254	Bignonia catalpa	288
— montana	254	Bile	429
Arsenic, therapeutics of	256, 810	Bird cherry	644
— toxicology of	263	Bismuth and its salts	288
Artemisia absinthium	267	Bitter-sweet	689
— coerulescens	268	Bittéra and bittérine	289
— contra	268	Bitumen, &c.	289
— moxa	268	Black alder tree	658
— vulgaris	270	Blistering or Spanish fly	305
Arum maculatum	270	Blisters	193
Asarabacca officinarum	270	Blood root	673
Asarum Europæum	270	Boldo	290
Asclepias vincetoxicum	396	Boletus suaveolens	290
Ash, the common	444	Boracic acid	686
Asparagus officinalis	271	Borassus flabelliformis	290
Assafœtida	271	Borax	686
Astragalus exscapus	271	Botany Bay resin	205
Astringents	138	Box, the common	292
Athamanta oreoselinum	272	Brayera anthelmintica	291
		Bromides, the	140

Bromine and its compounds	291	Carum carui	319
Broom	691	Caryophyllus aromaticus	319
Brucia	292	Cascarilla cortex	320
Bryonia alba	292	Cashew-nut tree	229
Buchu leaves	408	Cassava, bitter	555
Buck-bean	561	Cassia cortex	362
Buckthorn	668	Castoreum	320
Burdock	248	Castor oil and seeds	662
Burnet saxifrage	621	Cat thyme	725
Butchers broom	666	Cat's tail	733
Butter bur	608	Catechu	321
Buxus sempervirens	292	Cathartics	174
		Caustics	140
Cabbage bark tree	229	Cedrela febrifuga	321
Cacao	790	Cedron	680
Cadmium and its salts	292	Celandine, great	324
Cæsalpinia Brasiliensis	292	Centaura benedicta	321
Caffeine	293	— centaurium	322
— arseniate of	293	— cyanus	322
— valerianate of	293	Centaury, great	322
Calcedra	534	— lesser	421
Cainos vel caincos radix	293	Cerasse	563
Cajuputi oleum	294	Cerasus lauro-cerasus	644
Calabar bean	617	Cerium	322
Calaguala	294	Cervus elephas	322
Calamus aromaticus	295	Cetaceum	323
Calcii iodidum	296	Cetraria islandica	323
Calcis carbonas	296	Ceylon moss	625
— chloridum	297	Chærophyllum bulbosum	324
— murias	297	Chalk	296
— oxalas	297	Chamomile flowers	232
— phosphas	298	Charcoal, vegetable or wood	310
— sulphuretum	299	Chelidonium majus	324
Calcium	295	Chenopodium ambrosioides	324
— iodide of	296	— anthelminticum	324
Calomelas (calomel)	493, 811	— bonus henricus	325
Calotropis gigantea, &c.	299	Cherry-laurel	644
Calumba vel calumbæ radix	299	Chicory	336
Calx	295	China root	682
Camphor	300	Chinidin	657
— bromide of	304	Chiretta	325
Cannabis sativa	304, 810	Chironia centaurium	421
Cantharides	306	Chloracetic acid	325
Caoutchouc	309	Chloral, and its hydrate	325, 810
Caraway, the	319	— croton	328
Carbo vegetabilis	310	— urea	328
Carbolic acid	312, 810	Chlorides, the	142
Carbon, sesquichloride of	314	Chlorine	328
— sulphuret of	314	Chloroform	330, 810
Carbonic acid	314	Chocolate	730
Cardamomum	318	Cholagogues	143
Cardamine pratensis	318	Chondrus crispus	335
Cardiaca	140	Chrome	335
Carduus marianus	318	Chromic acid	335
Carex arenaria	319	Chrysoplenium alternifolium	336
Caribæi cortex	319	Cichorium intybus	336
Carminatives	140	Cicuta virosa	336
Carpobalsamum	283	Cimicifuga foetida	336
Carrageen moss	335	Cinchona	337, 810
Carrot, the	399	— substitutes for	358, 810

Cinchona, cultivation of, &c.	360	Crotonis oleum	389
Cinchonine	648	Cubeba	391
Cinnabaris (cinnabar)	497	Cucurbita pepo	391
Cinnamoni cortex (cinnamon)	362	Culiliwan cortex	392
Citric acid	362	Cuminum cyminum	395
Citrus aurantium	362	Cundurango	392
— limonum	362	Cuprum	392
Clematis erecta	365	Curare	394
— vitalba	365	Curcuma longa	395
Clivers	446	— zedoaria	395
Clove, the	319	Cuscuca epithymum	395
Club moss	551	— Europaea	395
Coal tar	365	Cuspariæ cortex	231
Cobalt	366	Cusso	291
Coca (of the Peruvians)	422	Cyanides	144
Cocca-nut	367	Cyanureta	144
— sea or sechelle	367	Cydonia vulgaris	396
Cocculus indicus	366	Cymbalaria	549, 739
Coccus cacti	366	Cynanchum vincetoxicum	396
Cochineal	366	Cynoglossum officinale	396
Cochlearia officinalis	366	Cynomorium coccineum	396
Cocos Maldivica	367	Daffodil	575
— nucifera	367	Dandelion	721
Cod-liver oil	566	Daphne gnidium	397
Codeia	367	— mezereum	397
Coffea Arabica	367	Darnel	550
Colchicum autumnale	373	Datisca cannabina	397
Collodion	377	Datura stramonium	397
Colocynthis	377	Daucus carota	399
Coltsfoot	733	Delphinia	399
Columbo root	299	Delphinium staphisagria	399
Cundurango	392	Demulcents	159
Congelation	124	Dentillaria	626
Conia (coneine)	383	Derivatives	144
Conium maculatum	378	Diaphoretics	147
Contrajervæ radix	384	Dictamnus albus	400
Convallaria majalis	384	Digitalina	400
Convolvulus, sp. of	384	Digitalis purpurea	400
Copaiba	385	Dill, common	230
Copper and its salts	392	Diluents	149
Coral	386	Diosmæ folia	408
Coriandrum sativum	386	Diospyros Virginiana	409
Coriaria myrtifolia	386	Dippell's animal oil	583
— ruscifolia	387	Disinfectants	149
Cornel	387	Dittany, bastard	400
Cornus, sp. of	387	Diuretics	153, 809
Corrosive sublimate	498	Dodder of thyme	395
— toxicology of	501	Dogwood, swamp	387
Corsican moss	625	— round-leaved	397
Cotton	452	Dracæna draco	409
— thistle	584	Draconis sanguinis	409
Couch grass	732	Dragons blood	409
Counter-irritants	144	Drosera rotundifolia	409
Cow parsnip or parsley	459	Dulcamara	689
Cowhage	572	Earth	409
Cream of tartar	640	Enu médicinale d'Husson	376
Creasotum	387	Elaterium	410
Crotalus horridus	679	Elder, and dwarf elder	672
Croton chloral	328	Rlecampane	515
Croton tiglium	389		

Elemi	410	Fuga dæmonum	513
Elm, common	733	Fumaria officinalis	445
— slippery	734	Fumigation	86
Emetia (emetin)	410	Fumitory	445
Emetics	154	Fungus miletensis	396
Emmenagogues	159	Galium aparine, &c.	445
Emollients	159	Gallic acid	445
Endermic method	82	Gambir	445
Enemas	97	Gamboge	445
Epidermic method	84	Gambogia	445
Epispastics	193	Gastric juice	446
Epsom salt	553	Gelatine	447
Ergot of rye	410	Genista tinctoria	448
— of wheat	420	Gentian root	448
Erythræa centaureum	421	Gentians radix	448
Erythroxylon coca	422	Geoffroya, see <i>Andira</i> .	
Eserine	423	Geum urbanum	449
Ether (nitric, sulphuric, chloric)	423	Gillenia trifoliata	449
Eucalyptus globulus	425	Ginger	752
Eugenia pimenta	426	Ginseng	449
Eupatorium, sp. of	426	Glauber's salt	685
Euphorbia, sp. of	426	Glechoma hederacea	450
Euphorbium	426	Globularia vulgaris	450
Euphrasia officinalis	427	Glonoin	582
Evacuants	160	Gluten	447
Expectorants	161	Glycerinum (glycerine)	450
External remedies	190	Glycyrrhiza glabra	451
Eyebright	427	Glysters	97
		Gold and its preparations	279
<i>Fagus sylvatica</i>	429	Golden rod	691
Febrifuges	161, 809	Goose grass	445
Fel (fel taurinum)	429	Gossypium	452
Fennel	443	Gourd, common	391
Ferri acetas	435	Grape	747
— ammonio-citras	436	— cure	748
— bromidum	435	Graphite	452
— carbonas	435	Gratiola officinalis	452
— citras	436	Ground ivy	450
— ferro-sesquicyanidum	436	Guaco	562
— iodidum	436	Guaiscum	453, 811
— lactas	437	Guano	453
— oxalas	437	Guarana	453
— perchloridum	437	Gunjah	304
— peroxidum	440	Gutta percha	457
— phosphas	440	Gynocardia odorata	811
— sulphas	441		
Ferrum	430, 811	Hachisch	304, 810
Ficus carica	442	Hæmatoxylon Campechianum	457
— indica	599	Hæmospasia	147
Fig, the	442	Heartsease	746
Filix mas	442	Helicine	457
Fixed air	314	Helix pomatia	457
Flammula jovis	865	Hellebore, American	738
Fluorines, the	162	— of the ancients	459
Feniculum vulgare	443	Helleborus niger	458
Formic acid	444	Hemlock	378
Foxglove	400	— water	336
Fraxinella	400	Henbane	511
Fraxinus excelsior	444	Heracleum sphondylium	459
Fucus vesiculosus	444	Herb bennet	440

Hermodactyl	460	Injections into closed cavities, &c.	100
Herniaria glabra	460	— into the veins	90
Hieraceum venosum	460	— urethral	100
Hirudo medicinalis	460	— uterine	99
Hog's fennel	609	— vaginal	99
Holly	513	Inula Helenium	515
Honey	559	Inunction.	84
Hop, the	465	Iodine	515
Horse-chesnut	206	Iodoform	525
Hound's tongue	396	Iodo-tannin	526
Huaco	562	Ipecacuanha	526
Humulus lupulus	465	Iris, sp. of	529
Hydragogues	174	Irish moss	385
Hydrargyri corrosivum sublima-		Iron, see <i>Ferrum</i>	
tum	498	Isinglass	447
— cyanidum	502	Ivy-leaved toad flax	739
— iodidum	502	Jaborandi	620
— oleo-stearas	503	Jalapa	530
— oxidum nigrum	503	James's powder	245
— oxidum rubrum	503	Juglans regia	531
— pernitras	503	Juniperus communis	531
— phosphas	504	— sabina	582
— proto-tartras	504	Kalmia latifolia	533
— subchloridum	493, 811	Kamala	533
— sulphuretum	497	Kava	622
— sulphuretum nigrum	504	Kermes, mineral	246
Hydrargyrum, see <i>Mercury</i> .	466, 811	Khaya Senegalensis	534
Hydrochloric acid	505	Kino	533
Hydrocotarnin	505	Knotted fig wort	677
Hydrocotyle Asiatica	506	Koumis, or koumyas	533
Hydrocyanic acid	506	Kousso	291
Hyocyamine	511	Krameris radix	534
Hyoscyamus niger	511	Lac (coccus lacca)	536
Hypericum perforatum	513	Lac (milk)	536
Hypnotics	169	Lacerta, sp. of	544
Hypodermic method	88, 808	Lactafuges	163
Hypophosphites	162	Lactagogues	163
Hyposulphites	187	Lactates, alkaline	163
Hyraceum	513	Lactic acid	545
Illysoy	513	Lactuca	545
— hedge	452	Lactucarium	545
Illysoy officinalis	513	Laminaria digitata	546
Iatroleptic method	84	Laughing gas	580
Ice plant	561	Laurel, sp. of	547
Iceland moss	323	— mountain	533
Ichthyocolla	447	— native oil of	680
Ilex aquifolium	513	— white	554
Illicium anisatum	514	Laurus, sp. of	547
Indian cress	732	Lavandula vera	547
Indian-clove bark	392	Lavements	97
— hemp	304	Laxatives	187
— rubber	309	Lead, and its preparations	626
— physic	449	— injurious effects of	629
— pink	692	Ledum palustre	547
— tobacco	550	Leech, the medicinal	460
Indigo	514	Lemon	362
Inée	515	Leopard's bane	254
Inhalation	92, 808		
Injections, subcutaneous	88		

- Lepidium ruderales* 548
Lettuce 545
Lichen islandica 323
Lichen, sp. of 548
Lignum Brasiliense 292
Lignum colubrinum 696
Lilium candidum 548
Lime and its preparations 295
— carbonate of 296
— chloride of 297
— muriate of 297
— oxalate of 297
— phosphate of 298
— sulphuret of 299
Linaria cymbalaria 549
Linnaea borealis 549
Linseed 549
Linum catharticum 549
— usitatissimum 549
Liquid glass 639
Liquorice 451
Liriodendron tulipifera 549
Lithium 550
Lithontriptics 163
Lobelia inflata 550
— syphilitica 550
Local remedies 190
Logwood 467
Lolium temulentum 550
Lupulin 465
Lycoperdon, sp. of 551
Lycopodium clavatum 551
Lycopus Europæus 551, 811
Lythrum salicaria 551

Mace 573
Madar 299
Madder, dyers 664
Magnesia 552
Magnesiæ carbonas 552
— sulphas 553
— sulphis 554
Magnolia glauca 554
Maiden-hair 205
Majoram, sweet 600
Malambo bark 554
Male fern 442
Maltine 555
Mandragora 277
Mandrake 277
Manganese (manganese) 555
Manioc 555
Manihot utilisima 555
Manna and mannite 556
— of Scripture 558
Marsh trefoil 561
Mastic or mastiche 558
Mastranzo 558
Matias bark 554
Matico 558

Mayworm 560
M'boundou 559
Meadow saffron 373
Meadow sweet 692
Mechoacan root 559
Medicines, their uses, &c. 59
— methods of investigating 71
— art of prescribing 76
— modes of administering 81
Mel 559
Melissa officinalis 560
Meloe majalis 560
Mentha piperita 560
Menyanthes trifoliata 561
Mephitic air 314
Mercury (generally) 466, 505, 811
— salivation by 436
— ill effects of 439
— cyanide of 502
— iodide of 503
— acid nitrate of 503
— oleo-stearate of 503
— black oxide of 503
— red oxide of 503
— phosphate of 504
— sulphuret of (black) 504
Mesembryanthemum crystal. 561
Metals 167
Methylene, bichloride of 563
Mezereon 397
Mikania guaco 562
Milk 536
Milk thistle 318
MINERAL WATERS OF GREAT BRITAIN 775
— Aberdeen 780
— Ashby-de-la-Zouch 780
— Askern 780
— Astrop 780
— Bagnigge Wells 780
— Barnet 780
— Bath 780
— Batterby 784
— Beulah spa (Norwood) 784
— Braceborough 784
— Breconshire 799
— Brighton 784
— Bristol 785
— Bromley 786
— Buxton 786
— Caernarvon 787
— Canterbury 787
— Caversham 787
— Cheltenham 787
— Croft 789
— Conway Vale 802
— Derbyshire 789
— Dimsdale 789
— Dorton 789
— Droitwich 789

Mineral Waters of Great Britain—

— Dunbarney	799
— Dunse-Spaw	789
— Durham	790
— Edinburgh	790
— Epsom	790
— Essex (County of)	790
— Gilsland	790
— Glastonbury	790
— Gloucester	791
— Grange	791
— Hampstead	791
— Hanley	791
— Harrogate	791
— Hartfell Spaw	798
— Holt	793
— Horley Green	793
— Hyde	793
— Ilkeston	793
— Ilkley	794
— Ilmington	794
— Islington	794
— Kidleston	794
— Kilburn	794
— Kinghorn-Craig	794
— Knaresborough	794
— Lancaster	794
— Latham	795
— Leamington	795
— Lewisham	796
— Libberton	797
— Lincomb	795
— Lincolnshire	795
— Liverpool	795
— Llandrindod	796
— Llangybi	796
— London, &c.	796
— Malvern	796
— Matlock-Bath	797
— Middle Hill	797
— Moffat	797
— Moira	780
— Nevil-Holt	798
— Newcastle-on-Tyne	798
— Newman	798
— Norwood	798
— Nottingham	798
— Peterhead	799
— Pitcaithly	799
— Purton	799
— Quarndon	799
— Radnorshire	799
— Road	799
— Sandrocks	799
— Scarborough	800
— Shadwell	800
— Shap	801
— Somersham	801
— Stow-in-the-wold	801
— Stratford	801

Mineral Waters of Great Britain—

— Strathpeffer	801
— Streatham	801
— Sunning Hill	801
— Thetford	802
— Thorp-arch	802
— Tilbury	802
— Trefriw	802
— Tunbridge Wells	802
— Walton	803
— Wight, Isle of	803
— Willowbridge	803
— Wingate	803
— Witham	803
— Woodhall	804
— Worcestershire	803
MINERAL WATERS OF IRELAND	804
— Ballynahinch	804
— Ballyspellan	804
— Brownstown	804
— Chapel Izod	804
— Dublin (near)	804
— Lisdoonvarna	804-5
— Lucan	804
Minerals	167
Mistletoe	747
Molybdenum	563
Momordica balsamina	563
Monesia	563
Monnina polystachia	563
Morphia and its salts	563
Morrhue oleum	567
Moschus	570
Mountain damson	680
Moxa	268
Mucuna pruriens	572
Mudar	299
Mugwort	270
Mullein, great	739
Muriatic acid	505
Musa sapientum	572
Musenka bark	572
Musk	570
Mussel, common	574
Mustard	681
Myristica moschata	573
Myrrh	572
Myrtle	574
Myrtus communis	574
Mytilus edulis	574, 811
Naphtha	574
Narcein or narceine	575
Narcissus pseudo-narcissus	575
Narcotics	169, 809
Narcotine	575
Nasturtium officinale	575
Nasturtium, garden	732
Nerium oleander	576
Nettle, small stinging	734

Neurotics	171	Papaver somniferum	606
Nickel	576	Papaverine	607
Nicotiana tabacum	707	Paper oil	646
Nicotina, nicotine	576, 811	Pareira brava	607
Nightshade, deadly	272	Parmelia parietina	607
— woody	689	Parsley	246
Nitro	687	— fool's	207
Nitric and nitrous acid	576, 812	— mountain	272
Nitrites	171	— cow's	469
Nitro-hydrochloric acid	579	Paullinia	607
Nitro-muriatic acid	579	Peat moss	607
Nitrogen	580	Pellitory root	646
— peroxide of	580	Penghawar Djambi	608
Nitro-glycerine	582	Peony	605
Nitrous oxide gas	580	Pepper, black	622
Nutmeg	573	Peppermint	560
Nux vomica	697	Pepsin or pepsine	608
		Permanganates, the	173
Enanthe crocata	582	Persicaria, amphibious	633
Oils, expressed	171	Persimmon	409
— essential	172	Petasites vulgaris	608
Olea Europæa	582	Petroleum	289
Oleum animale empyreumaticum	583	Peucedanum officinale	609
— asphalti	289	Phallus impudicus	609
— cajuputi	294	Phellandrium aquaticum	609
— crotonis	389	Phenic acid	312
— jecoris aselli	566	Phloridzine	610
— lini	549	Phosphates	173
— morrhuse	566	Phosphoric acid	610
— olivæ	582	Phosphorus	611
— ricini	662	— injurious effects of	615
— terebinthine	722	Physostigma venenosum	617
Olive, the	582	Phytolacca decandra	619
Ononis spinosa	584	Pichurim beans and bark	620
Onopordium acanthium	584	Picric acid	620
Ophelia chirata	325	Picrotoxine	620
Ophiorrhiza mungos	584	Pilocarpus pinnatus	620
Opium	584	Pimenta, pimento	426
— indigenus	598	Pimpernel, scarlet	229
— toxicology of	599	Pimpinella saxifraga	621
Opobalsamum	283	Pinus, sp. of	621
Opuntia indica	599	Piper betle	622
Orange	362	— methysticum	622
Orchis, sp. of	599	— nigrum	622
Oriental plane tree	626	Piperina or piperine	622
Origanum creticum	600	Pistachia terebinthus	621
— majorana	600	Pix liquida	623
Osmium	600	Plantago major	624
Ostrea edulis	600	Plantain	572
Ox-gall	429	— greater	624
Oxalic acid	600	Platanus orientalis	624
Oxalis acetosella	601	Platinum	625
Oxygen	602	Plocaria candida	625
Oyster, the	600	— helminthocorton	625
		Plumbum	626
Pæonia officinalis	605	— injurious effects of	629
Palladium	605	Podophyllin	633
Palmyra palm	290	Podophyllum peltatum	633
Pancreatine	606	Poison oak	661
Pansy	746	Poke, Pokeweed, American	619

Polygonum amphibium	633	Rag oil	646
Polypodium vulgare	634	Ranunculus, sp. of	658
Polypody, common (of the oak)	634	Red precipitate	503
Pomegranate	645	Refrigerants	181
Poppy, sp. of	606	Reptiles, excreta of	679
Potash and its salts, see <i>Potassa</i>	634	Rest harrow	584
Potassa	634	Revulsives	144
— fusa	634	Rhamnus catharticus	658
Potassa acetas	635	— Frangula	658
— bichromas	635	Rhatanis radix	534
— carbonas	635	Rhei radix	659
— chloras	636	Rhodium	661
— liquor	634	Rhododendron chrysanthum	661
— nitras	637	Rhubarb	659
— permanganas	639	Rhus toxicodendron, &c.	661
— silicas	639	— cotinus	662
— sulphas	639	— radicans	662
— tartras acida	640	— vernix	662
— et sodæ tartras	640	Richardsonia Brasiliensis	662
Potassii bromidum	641	Ricinus communis	662
— iodidum	515	Rochelle salts	640
— sulphuretum	643	Rohun bark	706
Potassium, iodide of	515	Rosa	663
Potentilla tormentilla	643	Rosella	409
Prescribing, art of	76	Rosemary	664
Prickly pear	599	— marsh	693
Prophylactics	173	— wild	547
Propylamine	644	Rosmarinus officinalis	664
Prunus lauro-cerasus	644, 812	Rottlera tinctoria	533
— padus	644	Rubefaciens	182
— Virginiana	644	Rubia tinctorum	664, 812
Prussian blue	436	Rubus, sp. of	665
Prussic acid	506	Rue	666
Psychotria emetica	645	Rumex aquaticus	666
Pterocarpine	645	Rupture wort	460
Ptyalism	486	Ruscus aculeatus	666
Pucoon	673	Ruta graveolens	666
Puff-ball	551	Sabadilla seeds	666
Pulsatilla nigra	230	Sabadilline	666
Pulvis Jacobi	245	Saccharum	667
Pumpkin	391	— lactis	669
Punica granatum	645	Saffron	389
Purgatives	174	Sege	671
Purging flax	549	St. Ignatius' bean	697
Pyrethri radix	646	St. John's wort	513
Pyrola, sp. of	646	Sal ammoniac	225
Pyrothonide	646	Salep	599
Quassia	647	Salicine	669
Quercus robur	648	Salicylic acid	670
Quince, common	396	Salines	183
Quinidine	657	Salix alba, et alt. sp.	670
Quinine (and its sulphate)	648, 812	Salt, common	687
— bromohydrate de	657	Saltpetre	637
— phénate de	657	Salts (generally)	183
— salicylate de	657	Salvia glutinosa	672
— tannate of	657	— officinalis	671
— valerianate of	657	Sambucus Ebulus	672
Quinite	657	— nigra	672
Quinium	657	Sanguinaria Canadensis	673

Santalum album	673	Spigelia Marilandica	692
Santonica	268	Spirea ulmaria	692
Santonin	673	Spongia	692
Sapo	674	Spongio-piline	692
Saponaria officinalis	674	Squill	675
Sarsaparilla	683	Stag	323
— European	682	Stannum	692
Sassafras	675	Statica Caroliniana	693
Savine	532	Stephens, Mrs., nostrum	166
Saxifrage, golden	336	Sternutatories	184
Scammonium, scammony	675	Stimulants	184
Scarlet mushroom	396	Stinkhorn	609
Scilla maritima	675	Stone crop	677
Scorzonera Hispanica	676	Storax	699
Scrophularia nodosa	677	Stramonium	397
Scurvy grass, lemon	366	Strontium	693
Scutellaria galericulata	677	Strychnia or strychnine	693
— lateriflora	677	Strychnos colubrina	696
Sea girdle	546	— ignatii	697
Secale cornutum	410	— nux vomica	697
Sedatives	184	— potatorum	699
Sedum acre	677	Styptics	186
Sel Seignette	640	Styrax	699
Senega or seneka	677	Subcutaneous injection	88
Senna	678	Succinum	700
Serpens	679	Sudorifics	147
Serpentaria	680	Sugar	667
Serum lactis	542	— of milk	669
— dulce	543	Sulphites (the)	187
Sibura	680	Sulphur	701
Silver, nitrate of	249	— preparations of	705
Simaba Cedron	680	Sulphuric acid	705
Simaruba	680	Sulphurous acid	701
Sinapis	681	Sumach	661
Smilax aspera	682	Sumach, myrtle-leaved	386
— china	682	Sumbul	706
— officinalis	683	Swallow-root	396
Snake root	677	Swietenia cortex	706
— Virginian	680	Swietenia Senegalensis	534
Soap	674		
Soapwort	674	Tabacum	707
Soda	685	Tabasheer	720
— chlorinata	685	Tangle	546
Sodæ biboras	686	Tannic acid	720
— carbonas	685	Tannin	720
— chloras	689	Tar	623
— silicate	689	Taraxacum	721
— sulphas	685	Tartar emetic	239
Sodii chloridum	689	Tartaric acid	721
Sodium, salts of	689	Taxus baccata	723
Solanum, sp. of	690	Tea	725
— dulcamara	689	Tellurium	722
Solidago virga aurea	691	Terebinthina	722
Sorrel	666	Terebinthina oleum	722
Soymidæ cortex	706	Teucrium marum	725
Spartium scoparium	691	— scordium	725
Speedwell, common	739	Thallium	725
Spermaceti	323	Thapsia garganica	725
Spiders' web	247	Thea chinensis	725
Spigelia anthelmia	691	Thebaine	730

Theobroma cacao	730	Vinegar	199
Therapeutics, general	1, 807	Vinum	740
— surgical	37	Viola odorata et alt. sp.	746
— special	39, 807	— tricolor	746
— journals relating to	57, 807	Violet	746
Thistle, blessed or holy	321	Virginian cherry tree	644
Thorn-apple	397	Viscum album	747
Thymic acid	731	Vitis vinifera	747
Ticuna	394	Wall pepper	677
Tin	692	Walnut	531
Titanium	732	Warburg's drops	749
Tobacco	707	Water	755
Tonica	188	— sea	770
Toot plant of New Zealand	387	Watercress	575
Tooth-wort	626	— dock	666
Topical remedies	190	— fennel	609
Tormentil	643	— germander	725
Traveller's joy	365	— hemlock	336
Trimethylamine	732	— — dropwort	582
— chlorohydrate of	732	— horehound	551
Triticum repens	732	Waters, mineral, see <i>Mineral</i> .	
Tropæolum majus	732	Whey	536, 542
Tulip tree	549	White sandal wood	673
Tungsten	733	Willow-herb	551
Turmeric	393	Willow, sp. of	670
Turpentine	722	Wine	740
— oil of	722	Winter green	646
Tussilago farfara	733	Winteri cortex	749
— petasites	608	Wood sorrel	601
Typha latifolia	733	Woorara	394
Ulmus campestris	733	Worm grass	692
— fulva	734	Wormwood, common	267
Upas	233	Wourali	394
Uranium	734	Xylobalsamum	283
Urari	394	Yellow plum	409
Urtica urens	734	Yellow rhododendron	661
Uvæ ursi folia	734, 812	Yellow wall parmelia	607
Valerian, common	735	Yew tree	722
Valeriana officinalis	735	Zanthoxylum sorbifolium	749
Veratria or veratrine	736	Zedoary root	395
Veratrum viride	738	Zinc, carbonate, oxide, sulphate	749
Verbascum thapsus	739	Zinci chloridum	751
Verbena officinalis	739	— lactas	752
Veronica cymbalaria	739	— phosphas	752
— officinalis	739	— valerianas	752
Vervain	739	Zincum	749
Vesicants	193	Zingiber	752
Vine, the	747		

CORRIGENDA.

- Page 19, bottom line, *for* clinique, *read* chimique.
- „ 126, eleven lines from bottom, *for* Tiechmeyer, *read* Teichmeyer.
 - „ 206, twenty lines from top, *for* Zannichelli, G., *read* Zannichelli, J. J.
 - „ 217, eighteen lines from top, *for* Absinti, *read* Absinthium.
 - „ 221, eleven lines from bottom, *for* Muscarius, *read* Muscaria.
 - „ 228, top line, *for* Boulton-Charland, *read* Boutron-Charland.
 - „ 260, seven lines from bottom, *for* arsèneux, *read* arsénieux.
 - „ 370, nineteen lines from top, *for* Paulli, F., *read* Paulli, S.
 - „ 378, thirteen lines from bottom, *for* venerum, *read* venenum.
 - „ 390, twelve lines from top, *for* Phellandrum, *read* Phellandrium.
 - „ 394, three lines from bottom, *for* topilogiei *read* tossilogiei.
 - „ 398, five lines from bottom, *for* 1853, *read* 1753.
 - „ 446, twelve lines from bottom, *for* Moralla *read* Morella.
 - „ 454, four lines from bottom, insert full stop between the words Sancto and Bonon.
 - „ 462, seven lines from top, *for* Blutigela, *read* Blutigela.
 - „ 475, seven lines from top, *for* Nevison, A. S., *read* Nevinson, R. S.
 - „ 507, eleven lines from top, *for* Guy-Lussac, *read* Gay-Lussac.
 - „ 510, twenty lines from bottom, insert full stop after “physiologisch,” and commence the next word “untersucht,” with a capital.
 - „ 549, twelve lines from top (and also page 550), *for* Cammerarius, *read* Camerarius.
 - „ 556, four lines from bottom, insert full stop between the words “debere” and “Formulæ.”
 - „ 572, nineteen lines from top, *for* Groffrœæ, *read* Geoffrœæ.
 - „ 585, two lines from bottom, *for* funestrum, *read* funestum.
 - „ 621, sixteen lines from top, *for* 1542, *read* 1842;.
 - „ 680, fourteen and sixteen lines from top, *for* Siambra, *read* Simaba.
 - „ 740, sixteen lines from top, *for* Frascatorius, *read* Fracastorius.

1

