

4to. 2 vols. I : 66, 556 pp. Portrait. II Title + 762 pp. 3 plates and 2 leaves of explanatory text.

From the library of Sir John Hall.

RAMSAY (Sir William).

The Life and Letters of Joseph Black, M.D. With an introduction dealing with the Life and Work of Sir William Ramsay by G. F. Donnan, F.R.S. London. 1918.

8vo. 19, 148 pp. With 7 plates.

See also under SCHEELLE, Chemical Essays, 1786.

BLAIR (The Rev. D., pseud. for Sir Richard Phillips).

A Grammar of Chemistry, wherein the principles of the science are familiarized by a variety of easy and entertaining experiments ; with questions for exercise, and a glossary of terms in common use . . . Corrected and revised by Benjamin Tucker . . . Second edition, Improved, and adapted to the present state of the science. Intended as an Elementary Book for Schools, and a Companion for private Students, particularly those who wish to attend popular Lectures. Philadelphia : Published and sold by David Hogan, No. 249, Market Street. 1817.

12mo. 180 pp. 1 plate.

Book stamp of the famous chemist Ernst Cohen and inscription in his hand : " gekregen van Edgar F. Smith, te Philadelphia, 26 Nov. 1921." Edgar F. Smith was a very well known American historian of chemistry.

BLANKAART (Steven).

Theatrum Chemicum, Oder Eröffneter Schau-Platz und Thür zu den Heimlichkeiten In der Scheide-Kunst, Nebenst einer Vermehrung Wie die geringen Metallen und gemeinen Steine zu verbessern sind, durch Kenelm. Digby. Leipzig, Bey Thomas Fritsch. 1700.

8vo. (6), 472, (47), 155, (5).

Ferguson (I, 110) mentions a frontispiece and 9 plates ; this copy has no frontispiece, but the 9 plates at the beginning of the work may be counted as -10 (plate 9 consisting of two) and there is a further plate at p. 454 illustrating the " Anhang, in sich haltend einen wunderwürdigen chimischen und hermetischen wahrsagenden Dreyfuss des Joh. Joachim Becher, Med. D. zu Speyer."

BLAVATSKY (H. P.).

The Secret Doctrine : The Synthesis of Science, Religion, and Philosophy. Third and revised edition. London and Benares, The Theosophical Publishing Society. 1893-97, reprinted 1902.

Large 8vo. 3 vols. I. Cosmogogenesis. (23), 740 pp. II Anthropogenesis. 17 pp., 1 leaf, 842 pp. III. 20, 594 pp.

BLAWENSTEIN (Salomon de).

Interpellatio Brevis ad Philosophos veritatis tam Amatores, quam scrutatores pro Lapide Philosophorum contra Antichymisticum Mundum Subterraneum. P. Athanasii Kircheri Jesuitae. Quâ non solum antichymistica ejus putatitia argumenta subnervantur ; sed & ars ipsa quantum fieri potest intelligentibus manifestatur, à Salomone de Blawenstein Artis huius vero Alumno. Biennae apud Bernates Typis Desiderij Sultzij. 1667.

4to. Pp. (28).

First Edition.

Ferguson I, 110 (no copy in Young collection).

Bolton I, 963.

This is a reply to the attack upon Alchemy contained in Kircher's " Mundus Subterraneus." The first edition seems to be rare. It was reprinted in Manget's " Bibliotheca Chemica." The booklet belongs to the early printings of the city of Bienne near Berne. Deschamps (Dictionnaire de Géographie, 185), states that there was a printer in this town since 1667, but he quotes Ternaux who says that there was already a printer in 1611. The earliest book however printed at Bienne which was known to Deschamps is dated 1713 only.

BÖHME (Jacob).

Kurtze und deutliche Beschreibung des Stemm der Weisen, nach seiner Materia, aus welcher er gemachet, nach seinen Zeichen und Farbe, welche im Werck erscheinen, nach seiner Kraft und Würckung, und wie lange Zeit darzu erfordert wird, und was insgemein bey dem Werck in acht zu nehmen, deme noch beygefügt eine Schutz-Schrift seiner Schriften. Amsterdam. 1747.

8vo. Pp. 91, (5).

Ferguson I, 111.

Caillet 1299.

The last 5 pages contain a catalogue of alchemical books offered by Joh. Friedr. Fleischer at Francfort, editor of this tract.

OKELY (Francis).

Memoirs of the Life, Death, Burial, and Wonderful Writings, of Jacob Behmen now first done at large into English, from the Best Edition of His works in the Original German. With an Introductory Preface of the Translator, directing to the due and right use of this extraordinary mysterious and extraordinary Theosopher. Northampton, Printed by Tho. Dicey for the translator and for J. Lackington (No. 46) Chiswell Street, Moorfields, London, sold also at Bristol by T. Mills, and at Leeds by J. Binns. 1780.

Large 12mo. 10 leaves, 153 pp., 1 leaf advertisements.

Okely was minister of the Moravian church at Northampton and a student of the mystics.

BOERHAAVE (Hermann).

Institutiones et Experimenta Chemiae. Parisiis. 1724.

8vo. 2 vols. bound in one. I : 2 leaves, 290 pp. 1 folding plate and 1 engraving on p. 209. II: S leaves, 375 pp.

This edition was called "surreptitious" by Boerhaave himself as it was published without his knowledge: although bearing a Paris imprint it was probably published or at any rate prepared at Leyden. On this edition, and the following ones, see the article by Tenney L. Davis, "The Vicissitudes of Boerhaave's Textbook of Chemistry" in "Isis," x, pp. 33-46.

Elementa Chymiae Quae Anniversario Labore Docuit In Publicis, Privatisque, Scholis, Hermannus Boerhaave. Tomus Primus qui continet Historiam et Artis Theoriam cum Tabulis Aeneis.—Tomus Secundus qui continet Operationes Chemicas. Lugduni Batavorum, Apud Isaacum Severinum. 1732.

4to. 2 vols. I: Half-title, title, 4 leaves, 896 pp., 20 leaves index. 17 plates with explanatory text on opposite pages. II: Half-title, title, 2 leaves "Conspectus Seriei Chemicarum Operationum," 538 pp., 23 leaves index.

The First and best Edition, and rare. The work opens with one of the earliest attempts at a history of chemistry. It contains the author's attestation signed in his hand on verso of title. The copy in the Young collection is imperfect (Ferguson I, 112).

Elementa Chymiae quae Anniversario Labore docuit in Publicis Privatisque Scholis Hermannus Boerhaave. Tomus Primus qui continet Historiam et Artis Theoriam cum Tabulis Aeneis. Tomus Secundus qui continet Operationes Chemicas. Lipsiae, apud Casparum Fritsch. 1732.

8vo. 2 vols. I: 8 + 32 pp. 36-744 + 36 leaves. 17 plates. II: 5 leaves + 470 pp. (pagination starts at page 3) + 45 leaves index.

Ferguson (I, 112) only records having heard reports of an 8vo edition of 1732, referring evidently to this edition. It is not mentioned by Hertzberger in his S.T.C. of Boerhaave's writings. For accounts of Boerhaave and the present work see Davis (Isis X, 33, pp. 33-46) and Read (Humour and Humanism in Chemistry, pp. 128-157).

Dr. Boerhaave's Elements of Chymistry, faithfully abridg'd from the late genuine edition publish'd and sign'd by himself at Leyden with all the cuts and explanations, as in the original. To which are added curious and useful notes, rectifying several opinions, etc., of the learned author, by a physician. London, Printed for J. Wilford, behind the Chapter-House in St. Paul's Church-yard. 1732.

8vo. 6, 210, 8, 208 pp., 5 leaves index. 17 engraved plates with explanatory text. The notes are by Dr. Strother.

A New Method of Chemistry; including the History, Theory, and Practice of the Art: Translated from the Original Latin of Dr. Boerhaave's Elementa Chymiae, as published by himself. To which are added, Notes; and an Appendix, shewing the Necessity and Utility of enlarging the Bounds of Chemistry. With Sculptures. By Peter Shaw, M.D. The Second Edition.. London, Printed for T. Longman, at the Ship in Pater-noster-Row. 1741.

4to. 2 vols. Pp. xxx, 593, (1). With 17 folding copper-plates, J. Mynde sculp. Pp. (2), 410, (37, 1 blank). With 8 folding copper-plates, J. Van der Gucht, sculp.

Ferguson I, 112 (no copy in the Young collection).

Bolton I, 321-22 (only quotes the first English edition of 1727, and the third of 1753).

The first English edition (by P. Shaw and E. Chambers) of this famous work appeared in 1727. It was a translation of the surreptitious edition: "Institutiones et Experimenta Chymiae," Paris 1724, which is described above.

This edition is the first and best English translation of the authentic edition of "Elementa Chymiae" (Lugd. Bat., 1732), q.v. It contains a mass of original notes and, especially, an interesting contribution to the History of Chemistry (I, 7-64) including bibliographical material,

Elémens de Chymie par Hermann Boerhaave traduits du Latin par J. N. S. Allamand, Membre de la Société Royale de Londres. Leide, Chez Corneille Haak. 1752.

8vo. 2 vols. I: 10 leaves, 560 pp. II: Title, pp. 561-914, 10 leaves index. 17 engraved plates.

The second French edition.

[BURTON (William)].

An Account of the Life and Writings of Hermann Boerhaave, Doctor of Philosophy and Medicine, Professor of the Theory and Practice of Physic, and also of Botany, and Chemistry in the University of Leyden, President of the Chirurgical College in that City, Fellow of the Royal Society in London, and of the Royal Academy at Paris. In two parts with an appendix. London, Printed for Henry Lintot. 1743.

8vo. 8 leaves (including the portrait and half-title), 226 pp.

Short-title Catalogue of books written and edited by Herman Boerhaave, compiled by Menno Hertzberger with the assistance of E. J. van der Linden. Preface by Dr. G. de Lint. Amsterdam. 1927.

8vo. 27 pp. Portrait.

BOHN (Johann).

Epistola ad Virum Nobilissimum atque Amplissimum D. Joëlem Langelottum, Serenissimi Ducis Holsatiae Archiatrum, De Alcali et Acidi Insufficiëntiâ pro Principiorum seu Elementorum Corporum naturalium munere gerendo. Lipsiae, Sumptibus Johannis Fritzschi. Literis Joh. Eriici Hahnii. Anno 1675.

8vo. Pp. 64.

First edition.
Ferguson I, 113.

The Young collection does not contain a copy of the first edition. It only contains an edition of the author's "Dissertationes Chymico-Physicae," Lipsiae 1696, to which this tract is added. There seems to have been a certain fashion at this time among chemists to publish their books under the form of a letter to Joel Langelott. Besides this tract by Bohn, this is the same case with von der Becke's "De volatilisatione salis tartari," 1672, and Morhof's "De Metallorum Transmutatione," 1673.

Bound up with 6 other tracts in 1 vol. See: MAYNWARING.

Dissertationes Chymico-Physicae, Chymiae Finem, Instrumenta & Operationes frequentiores explicantes, Cum Indice Rerum & Verborum. Quibus accessit Ejusdem Tractatus, olim editus, De Aeris in Sublunaria Influxu. Lipsiae, Sumptibus Joh. Friderici Gleditschii, Literis Christiani Gözi. 1685.

4to. 150 leaves (unnumbered).

First Edition.
Ferguson I, 113. (No copy in Young collection).

BOIROT-DESSERTIERS (P).

Recherches Historiques et Observations Médicales sur les Eaux Thermales et Minérales de Neris en Bourbonnais, Département de l'Allier. Paris. 1822.

8vo. 12, 494 pp. + 1 leaf. Folding table and 20 lithographed plates.

BOLNEST (Edward).

Medicina Instaurata ; or a Brief Account of the true Grounds and Principles of the Art of Physick with the Insufficiency of the Vulgar Way of preparing Medicines and the Excellency of such as are made by Chymical Operation. Whereto is added a short, but plain Discourse as a Light to the true Preparation of Animal and Vegetable Arcanas. Together with a Discovery of the true subject of the Philosophick Minerai Mercury and that from the Authorities of the most famous of Philosophers. As also some small Light to the Preparation and Use of the said Mercury in the Dissolution of Minerals and Metals for a Physical Use. By Edward Bolnest, Med. Lond., also an Epistolary Discourse upon the whole by die Author of Medela Medicinae. London, Printed for John Starkey at the Mitre within Temple Bar. 1665.

8vo. 16 leaves, 151 pp.

Ferguson I, 114.
Wing, B. 3498.

A very rare work, as the greater part of the impression was destroyed in the Fire of London. The Epistolary Discourse is by Marchmont Needham, the famous Commonwealth journalist.

Aurora Chymica. Sive Rationalis Methodus Praeparandi Animalia, Vegetabilia, & Mineralia Ad usum Medicum. Quarum Praeparationum beneficio ex illis fiunt efficacissima, tutissima & gratissima medicamenta ad Praeservationem & Restaurationem Vitae humanae. Hamburgii, Impensis Johannis Naumanni & Georgii Wolffii. 1675.

8vo. Pp. (10), 134. Title red and black. Publisher's device on title.

First Latin edition.
Bolton I, 964.
Ferguson I, 114.

Bound up with 6 other tracts in 1 vol. See : MAYNWARING.

BOLTON (Henry Carrington).

A Select Bibliography of Chemistry, 1492-1892. City of Washington : Published by the Smithsonian Institution. 1893.

8vo. Pp. xiii, (1 blank), 1212.

A Select Bibliography of Chemistry, 1492-1897. First Supplement. City of Washington : Published by the Smithsonian Institution. 1899.

8vo. Pp. ix, (1 blank), 489, (1 blank).

A Select Bibliography of Chemistry, 1492-1902. Second Supplement. City of Washington : Published by the Smithsonian Institution. 1904.

8vo. Pp. (4), 462.

Together 3 parts in 2 volumes.

An extensive and valuable bibliography. The first part contains 12,031 titles, the first supplement 5554. This forms volumes 850, 1170 and part of Vol. XLIV of Smithsonian Miscellaneous Collections. No more volumes were issued.

A Select Bibliography of Chemistry, 1492-1897. Section VIII. Academic Dissertations. City of Washington : Published by the Smithsonian Institution. 1901.

8vo. 4, 534 pp.

Smithsonian Miscellaneous Collections, 1253.

Chemical Societies of the Nineteenth Century. City of Washington : Published by the Smithsonian Institution. 1902.

8vo. 15 pp.

Smithsonian Miscellaneous Collections, 1314.

A Catalogue of Scientific and Technical Periodicals, 1665-1895. Together with Chronological Tables and a Library Check-List. Second Edition. City of Washington : Published by the Smithsonian Institution. 1897.

8vo. 7, 1247 pp.

Smithsonian Miscellaneous Collections, No. 1076, in Vol. 40.

Scientific Correspondence of Joseph Priestley. Ninety-Seven Letters addressed to Josiah Wegwood, Sir Joseph Banks, Capt. James Keir, James Watt, Dr. William Withering, Dr. Benjamin Rush, and others. Together with an appendix : I. The Likeness of Priestley in Oil, Ink, Marble, and Metal. II. The Lunar Society of Birmingham. III. Inventory of Priestley's Laboratory in 1791. Edited with copious biographical, bibliographical, and explanatory notes, by Henry Carrington Bolton. New York, Privately printed. 1892.

8vo. 7, 240 pp. Portrait.

From the library of Professor Arthur Smithells.

Catalogue of Works on Alchemy and Chemistry. Exhibited at The Grolier Club, 29 East 32d St., New-York, Jan. 16th to Jan 26th, 1891.

Sm. 8vo. Pp. 32.

" The volumes exhibited have been selected by their owner from bis private collection, numbering about 250 volumes on Alchemy and 700 volumes on Chemistry (not comprising periodicals)." (Preface).

The catalogue comprises 110 items, with bibliographical and explanatory notes appended to the titles.

The Revival Of Alchemy. See under : Smithsonian Institution.

BOMBASTE (Comte de).

Le Trompette François, Ou, fidele François. 1609.

12mo. Pp. (2), 1-112. With curious etched frontispiece.

Followed by :

Le Miroir des Alchimistes, ou l'on voit les erreurs qui se font en la recherche de la Pierre Philosophale, par explication de diuerses Sentences des Anciens Philosophes qui en ont escrit, sous figures, analogies, & couuertement au general. Avec Instruction aux Dames, pour doresnauant estre belles, & en conualescence, sans plus vsr de leurs fards venimeux ordinaires, Seconde edition, Augmentee d'vn aduertissement contre vn liure, composé par Matresart. Perfection de la Chimie. Par le Chevalier Imperial. In amore & Timore (diuino) omnia. 1609.

12mo. Pp. (2), 113-184, (2 blank). Curious etched frontispiece pasted on reverse of title.

Caillet 1361 and 1360 : "Ouvrage rarissime, avec un curieux frontispiece gravé qui manque souvent." Brunet I, 1801 and III, 431.

Caillet and Brunet suggest that the name of the author was Comte de Bombaste, as well as for the tract which appeared one year later and which was called " La Prophétie de ce grand Bonbast fidèlement annoncée par le Trompette François " (Sudhoff 288). The author of the present tracts however speaks to Bombast in the second person (pp. 17-18). The first tract is signed at the end : " Le fidèle François ", the second tract appeared under the pseudonym of " Le Chevalier Impérial ", who, according to Lenglet-Dufresnoy (III, 134, 190 and 157), is said to have written the " Enchiridion Physicae restitutae " generally attributed to d'Espagnet.

I could not find anything about the tract by Matresart mentioned on the second title-page. Of the greatest rarity.

BONANNI (Filippo, S. J.).

Neuer Tractat von Firniss-Laquir-und Mahler-Künsten, nach dem Original des berühmten Pater Bonani in Rom. Mit vielen neuen Arcanis, unterschiedlichen Beschreibungen des Gummi Copals und Bernsteins, deren Eigenschafften, Praeparation und Auflösung zu Fürnissen, &c., vieler Gummaten Tugenden auch andern nützlich-und curiösen Anmerckungen, nebst schönen Kupffer-Stichen ans Licht gestellet, von J. J. R. Zweyte und vermehrte Auflage. Berlin und Leipzig, bey J. J. Rembold. 1730.

8vo. Pp. 160. With 4 very nice copper-plates and 1 small woodcut at the beginning of the text. The presumable translator is J. J. Rembold, the editor.

Brunet (I, 1085-86) gives a list of the author's writings, but does not quote the Italian original of this book, which appeared at Rome in 1720.

Bound up with: (HELLWIG ps.) Kräuterman, "Neu-vermehrtes Historisch-Medicinisches Regnum Minerale, 1726 ", q.v.

BONE (Wm. A.) and TOWNEND (Donald T. A.).

Flame and Combustion in Gases. London, Longman, Green & Co. 1927.

8vo. 16, 548 pp. With 30 plates.

BORDEU (Théophile de).

Lettres contenant des Essais sur l'Histoire des Eaux Minerales du Bearn, & de quelques-unes des Provinces voisines, sur leur nature, difference, propriété ; sur les Maladies auxquelles elles conviennent, & sur la façon dont on doit s'en servir. Addressées à Madame de Sorberio, à Pau en Béarn. Par M. Théophile de Bordeu le Fils, Médecin-Chirurgien, Docteur de Montpellier. A Amsterdam, Chez les Frères Poppé, Libraires. 1746. Se Vend, A Montpellier, Chez le Sr. Gontier, Libraire, à la Loge.

8vo 221 pp., 1 leaf. BOREL (Pierre).

Bibliotheca Chimica. Seu Catalogus Librorum Philosophicorum Hermeticorum. In quo quatuor millium circiter, Authorum Chemicorum, vel de transmutatione Metallorum, re Minerali, & Arcanis, tam manuscriptorum, quam in lucem editorum, cum eorum editionibus, vsque ad annum 1653. continentur. Cum eiusdem Bibliothecae Appendice, & Corollario. Parisiis, Apud Carolum Du Mesnil, via Iacobeae, ad Insigne Samaritanæ iuxta Sanctum Iuonem. Et Thomam Iolly, via Veteris Enodationis iuxta terminum Pontis D. Michaëlis, sub Scuto Hollandico. 1654.

24mo. Pp. (12), 276.

First Edition.

Bolton I, 7. " The first extensive catalogue of chemical books."

Ferguson I, 116.

Caillet 1433.

BORNITIUS (Jacobus).

Emblemata Ethicopolitica Ingenua atque erudita interpretatione nunc primum illustrata per M. Nicolaum Meefeldt. Moguntiae, Sumpt. Lud. Bourgeat, Bibliopolae Academici. 1669.

4to. Engraved title-page, 100, 101 pp. With 100 engravings of emblems.

Brunet I, 1119.

BORRICHIOUS (Olaus =Borch, Ole).

De Ortu et Progressu Chemiae Dissertatio. Hafniae, Typis Matthiae Godicchenii, Sumptibus Petri Haubold, Reg. Acad. Bibl. Anno 1668.

4to. Pp. (12), 150, (1, 1 blank). With printer's device on title.

First Edition.

Ferguson I, 119 (no copy in Young collection).

Bolton I, 95. " This celebrated treatise, the most frequently quoted by early historians, was highly prized by the alchemists of his day on account of its earnest defence of their principles."

Lingua Pharmacopoeorum, sive De Accurata Vocabulorum in Pharmacopoliis usitatorum pronunciatione. Hafniae, Typis Matthiae Godicchenii, sumptibus Petri Hauboldi Reg. Acad. Bibl. Anno 1670.

4to. 52 leaves (unnumbered), last two leaves and sig. b, are blank.

A very interesting work on the origin and pronunciation of words used in pharmacopoeias. Although of considerable interest to the chemical historian, this work does not figure in any of the standard bibliographies on the subject.

Hermetis, Aegyptiorum, et Chemicorum Sapientia ab Hermanni Conringii animadversionibus vindicata . . . Hafniae, Sumptibus Petri Hauboldi, Reg. Acad. Bibl. Anno 1674.

4to. Pp. (8), 448, (8).

First Edition.

Ferguson I, 118.