

ABATI (Johannes Baptista).

De praecipua aeris atmosphaerici tam in perficiendis quam in dissolvendis organicis corporibus potestate Dissertatio habita in Magno Pisani Athenaei Auditorio Id. Dec. An. 1763. Pisa. 1764.

4to. 24 pp.

ABERLE (Carl).

Grabdenkmal, Schädel und Abbildungen des Paracelsus. Beiträge zur genaueren Kenntniss desselben nebst biographischen Anmerkungen und Literatur-Angaben. Salzburg, 1891

8vo. Pp. 1-74 and pp. 269-580. Plates.

From " Mittheilungen der Gesellschaft für Salzburger Landeskunde," vols. 27, 28 and 31 (years 1886-91), with a new general title-page.

ABRAHAM Eleazar.

Uraltes Chymisches Werck, Welches ehedessen von dem Autore Theils in Lateinischer und Arabischer, theils auch in Chaldaeischer und Syrischer Sprache geschrieben, Nun aber nebst zugehörigen Kupffern, Figuren, Gefässen, Oefen, einer kurtzen Vorrede, nôthigen Registern, wie auch beygefügt Schlüssel derer in selbigen vorkommenden fremden Wörter, mit gewöhnlicher Approbation zu Nutz und Gebrauch aller Liebhaber der edlen Hermetischen Philosophie, in II. Theilen zum öffentlichen Druck beförder worden durch Julium Gervasium Schwartzburgicum. P.M. & I.P.E. Erfurt, verlegt Augustinus Crusius, Buchh. Anno 1735.

8vo. Pp. (30), 122, (14). With frontispiece and 7 curious engravings, J. E. Boeck sculpsit, Weymar, and numerous woodcuts of apparatus and cabbalistic figures in the text. Title black and red.

The second part has the following title-page :

Donum Dei Samuelis Baruch, des Juden Rabbi, Astrologi und Philosophi, geböhren aus dem Stamm Abrahams, Isaacs, Jacobs und Judä, welcher erlernt das grosse Geheimniss des grossen Meisters Tubalkains aus dessen Tabell, gefunden von Abrahamo Eliazare, dem Juden. I.N.U. CXI.

8vo. Pp. (2), 87, (13). With 8 plates containing 15 symbolical designs and woodcuts of apparatus in the text.

The dictionary has the following title-page :

Kurtzer doch deutlicher Schlüssel, derjenigen fremden Wörter, welche in Abraham dem Juden enthalten sind, wodurch denen Liebhabern der edlen Hermetischen Wissenschaft ein sonderbahres Licht gegeben wird.

8vo. Pp. (14).

First Edition.

Ferguson I, 2-3 (the Young Collection had only the second edition of 1760).

Kopp, Alchemie; II, 314-317 (had only seen the second edition).

Bolton I, 980.

Caillet 31-32.

CORRIGENDA.

P.56 BECHER. Magnalia Naturae. London, 1680.

In the meantime I acquired a complete copy, uncut, in mint condition.

P.80 BIRINGUCCIO. La Pyrotechnie. Paris, 1572.

Last line of the note : The First French edition appeared in 1556 ; in the meantime, I acquired a copy of this.

P.293 HEYDON. Collation : Engraved portrait, (14) 11. ; 56 (wrongly numbered 54) pp. ; (2) ll., 44 pp.

Both Ferguson and Kopp devote much space to this book and try to find out if it is authentic or not. The curious engravings are interesting examples of symbolical illustration. Ferguson says that the plates are much better printed in this edition than in the second one.

To this copy is added another dictionary (twelve and a half pages in manuscript) entitled : " Deutlicher Schlüssel, derer jenigen fremden Wörter so in diesen Büchern befindlich, und doch zum Theil in denen Registern nicht erkläret stehen welche aber in dem Buche Zoroastro dem Juden, und Rabbi enthalten sind."

#### ABRAHAM e' Porta Leonis Mantuanus.

De auro. Dialogi tres. Venice, Gio. Battista Della Porta, 1584.

4to. Pp. (8), 178, (26). Printed in Roman and Italian characters with ornamental capitals. A full-page copper-plate of the author's crest on page 11.

This is one of the few books which can with certainty be attributed to Abraham ben David Arie who, alone among the many Jewish doctors who bore the name Abraham from the XIIIth to the XVIth century, can claim distinction. He was Born at Modena in 1542, studied at Mantua, Padua, Bologna and Pavia, but having obtained his doctorate at Mantua was always known as Abraham Mantuanus. The work should be classed as an important iatro-chemical one. The author denies that the internal use of gold will prolong life, and the book contains much of interest to the historian of Chemistry.

#### ACCUM (Frederick Christian).

A Practical Essay on Chemical Re-Agents or Tests. Illustrated by a series of Experiments. London, Printed for J. Callow, Medical Bookseller . . . . 1816.

8vo. 41, 263 pp., 60 pp. catalogue of chemical apparatus offered for sale by Accum & Garden. Vignette on title.

First Edition.  
Bolton I, 260.

Traité de l'Éclairage par le Gaz Inflammable, contenant une description sommaire de l'appareil et du mécanisme employés pour l'illumination des rues, des maisons et des manufactures, à l'aide du gaz hydrogène carburé, tiré du charbon de terre ; accompagné de remarques sur l'utilité, la sûreté et la nature générale de cette nouvelle branche d'économie civile ; traduit de l'Anglais sur la 3e édition de M. Accum ; publié et augmenté par F. A. Winsor, Auteur du " Système de l'éclairage par le gaz, en Angleterre," fondateur de la compagnie incorporée par charte royale à Londres et breveté par Sa Majesté pour l'emploi de ce système en France. Paris, Chez l'auteur et Nepveu, 1816.

8vo. Half-title, title, 73, vi, 176 pp. Eight engraved folding plates.

First French Edition. With a 73 pp. preface by the translator.

Chemical Amusement, Comprising a series of curious and instructive experiments in Chemistry, which are easily performed, and unattended by danger. By Frederick Accum, Operative Chemist, Lecturer on Practical Chemistry, on Mineralogy, and on Chemistry applied to the Arts and Manufactures : Member of the Royal Irish Academy : Fellow of the Linnaean Society : Member of the Royal Irish Academy of Sciences, and of the Royal Society of Arts of Berlin, &c., &c. London, Printed for Thomas Boys, 3 Paternoster Row : near Cheapside. 1817,

8vo. Pp. (ii), xxv, 191, 59,

Bolton I, 259.

The author achieved fame as the man responsible for popularising gas-lighting. At the end of the book, with separate pagination, is a most interesting descriptive catalogue with prices of Chemical Apparatus and Preparations : this contains a minute description of nearly all the apparatus then in use.

A Treatise on Adulterations of Food, and Culinary Poisons, Exhibiting The Fraudulent Sophistications of Bread, Beer, Wine, Spirituous Liquors, Tea, Coffee, Cream, Confectionery, Vinegar, Mustard, Pepper, Cheese, Olive Oil, Pickles, and other articles employed in domestic economy and methods of detecting them. London, Printed by J. Mallett . . . sold by Longman, Hurst, etc. 1820.

8vo. 16, 372 pp. Original decorated boards, which show a spider's web and a skull and cross-bones with the inscription " There is Death in the Pot."

First Edition.  
Bolton I, 260.

One of the first exposures of food adulteration.

Chemical Re-Agents or Tests ; and their application in analyzing Waters, Earths, Soils, Metalliferous Ores, Metallic Alloys, etc., etc., originally by F. Accum, improved and brought down to the present state of Chemical Science, by William Maugham, Surgeon, Lecturer on Chemistry and Materia Medica etc. London, Charles Tilt, Fleet Street. 1828.

8vo. 23, 452 pp., errata leaf and one leaf of advertisements. Three plates.

Bolton I, 260.

This edition is almost entirely rewritten.

Recreaciones Químicas o Experimentos Curiosos e Instructivos que todos pueden hacer con facilidad y sin peligro, por Federico Accum, Individuo de la Real Academia de Irlanda, Traducidos de la decima y ultima edicion inglesa por D. J. L. Casaseca, Catedratico de Quimica en el Real Conservatorio de Artes de Madrid . . . Nueva Edicion, aumentada y adornada con laminas. Paris, Libreria de Lecointe . . . Perpiñan, Libreria de Lasserre, 1836.

12mo. 2 vols. I : 4 leaves, 230 pp. + errata leaf. II : 2 leaves, 234 pp. errata leaf.  
1 folding plate and some woodcuts.

Not in Palau.

#### ACXTELMEIER (Stanislaus Reinhard).

Des Natur-Lichts Weit Eröffneter Pallast, Worinnen Vielfältige rare Natur-und Kunst-Wercke, seltsame Wunder und Geschichte, vom Berg-Wesen, Schatz-Graben, Schlangen-Bannen, Wirkungen des Gestirns in denen Gewächsen und Thieren, verschiedene scheme Experimenten in Medicina, Chymia, Oeconomia, Astrologia, Magia, und dem Müntz-Wesen, &c. Von abergläubischen Sachen und Zaubereyen, Staats-Reflexionen und schönen Geschichten &c., verhandelt werden, Nebst Anhang einer herrlichen Keller-Ordnung. Schwobach, gedruckt bey Moritz Hagen, und in Augsburg zu finden, Bey Daniel Walder, Buchhändlern. 1706.

4to. Pp. (8), 270, (2 blank). With 5 copperplates.

First Edition.

Ferguson I, 4 (no copy in Young Collection).  
Caillet 49 (only the Augsburg 1707 edition).

This most curious work, which is called by Caillet " un désordre dans lequel il n'est pas facile de se retrouver," forms a sort of Encyclopedia of Curiosities in Medicine, Natural Sciences, Chemistry, Magic and even in Politics. Four of the remarkable plates represent large distilling apparatus, while the fifth shows the history of three students who summoned the ghost of Paracelsus. At the end of the preface there is a correction, establishing that Cardinal Portocarrero was only erroneously said in this book to have died, but that indeed he is old enough for that !

#### AGMER-Ben-Ab-Dala.

Tratado de las Aguas Medicinales de Salam-Bir, que comunmente Raman de Sacedon, escrito en lengua arabe, por Agmer-Ben-Ab-Dala, Medico de Toledo, en el ano de mil cinquenta y quatro. Traducido al idioma Castellano e ilustrado con varias notas para su mayor inteligencia. Por el Doctor Don Mariano Pizzi y Frangeschi, Medico en esta Corte. En Madrid, Por Antonio Perez de Soto, Impessor de los Reynos y de la Academia Espanola, y de la Historia. 1761.

4to. 43, 239 pp.

The first section contains a good deal relating to the mineral contents of the waters, their natures and how to determine them.

#### AGNELLI (Baptista).

A Revelation of the Secret Spirit. Declaring the most concealed secret of Alchymie. Written first in Latine by an unknowne Author, but explained in Italian, by Iohn Baptista Lambye, Venetian. Lately translated into English, by R. N. E. Gentleman. Unto so high a secret who shall approach ? . . . London, Printed by Iohn Haviland for Henrie Skelton, and are to be sold at his shop a little within All-gate. 1623.

Sm. 8vo. (12), 80 pp. Lacks blanks at beginning and end. Woodcut vignette on title-page.

S.T.C. 15184.

An exceptionally rare book which Ferguson classes as one of the two very rarest tracts in English. (Journal of the Alchemical Society, II, p. 5). It has been suggested that R. N. E. may stand for Robert Napier of Merchiston who was the second son of the illustrious discoverer of logarithms. (Proc. Roy. Soc. Antiq. of Scotland, February 14th, 1876, p. 419). The work is dedicated by the translator to the Bishop of Worcester, author of Lithotheoricis, and contains many extracts from the usual authorities. It belongs to the realms of speculative chemistry.

#### AGRICOLA (Georg).

De Re Metallica Libri XII. Quibus Officia, Instrumenta, Machinae, ac omnia denique ad Metallicam spectantia non modo luculentissime describuntur, sed & per effigies, suis locis insertas, adiunctis Latinis, Germanicisque appellationibus ita ob oculos ponuntur, ut clarius tradi non possint. Ejusdem De Animantibus Subterraneis Liber, ab auctore recognitus : cum Indicibus diversis, quicquid in opere tractatum est, pulchre demonstrantibus. Basel, Froben, 1556.

Folio. 6 leaves, 502 pp., 37 leaves. With 269 large woodcuts in the text, mostly engraved by Rudolf Manuel Deutsch, and two plates with woodcuts (at pp. 98 and 106).

First Edition.  
Ferguson I, 10.

#### LAVOISIER'S COPY.

Bound in contemporary pigskin, sides richly decorated with rollstamped borders of biblical and allegorical figures, a coat of arms in the centre of the upper cover, also initials L.G.K.V. ( Laurentius Gualtherius Knechelius, Ulm) and dated 1568, in the centre of the lower cover a view of the town of Wittenberg with its arms beneath. Probably the binding was executed there. An unusually fine and well preserved copy of the first edition of this great work. It belonged successively to :

1. L. H. Knechelius of Ulm, whose initials figure on the binding and who has left an autograph ownership entry together with a note of purchase inside the upper cover, saying that he purchased the book at Wittenberg.

2. Jacobus Heffelig, also of Ulm.

3. Alexander Keller, 1750.

4. Antoine Laurent Lavoisier, with his beautiful large engraved bookplate inside the front cover and his autograph signature on the title-page " Antonius Laurentius Lavoisier Regiae Scientiarum Academiae socius anno 1767." This date is odd for Lavoisier was only elected to the Academy of Science in 1768 (see lester inserted from M. Galanti of Paris from whom I bought this book). There is also inserted a leaf with seven lines in Lavoisier's handwriting relating to four of the machines described by Agricola.

The binding is by Hans Cantzler of Wittenberg (floruit 1564-1580) ; a paper on him will be found in Schwenke-Senf (Die Wittenberger Buchbinder im 16. Jahrhundert, Zentralblatt für Bibliothekswesen xxviii, 208-214). A volume bound similarly was in the Berlin State Library and will be found described by Husung (Bucheinbände aus der Preussischen Staatsbibliothek in Berlin, 1925, No. 28).

SEE ILLUSTRATION ON PLATE I.

De Re Metallica. Translated from the first Latin Edition of 1556 with Biographical Introduction, Annotations, and Appendices upon the Development of Mining Methods, Metallurgical Processes, Geology, Mineralogy and Mining Law from the earliest times to the 16th Century. By Herbert Clark Hoover, A. B. Stanford University, Member American Institute of Mining Engineers, Mining and Metallurgical Society of America, Société des Ingénieurs Civils de France, American Institute of Civil Engineers, Fellow Royal Geographical Society, etc., etc., and Lou Henry Hoover, A. B. Stanford University, Member American Association for the Advancement of Science, the National Geographical Society, etc., etc. (Vignette). Published for the Translators by The Mining Magazine Salisbury House, London, E.C. 1912.

Folio, (4), xxxi, (1), 640, (1, 1 blank) pp. With numerous reproductions of old woodcuts.

This is an excellent translation, by the former President of the United States and his wife, of this great work, the first complete description of mining and metallurgy ever published and the most important text-book of the subject during 180 years.

The translation is preceded by a biographical sketch and is followed by a valuable bibliography of Agricola's writings and early works containing some reference to mineralogy, mining, metallurgy, a nomenclature to be adopted for weights and measures, and finally a very full index.

De ortu et causis subterraneorum libri V. De natura eorum quae effluunt ex terra Lib. IV. De natura fossilium Lib. X. De veteribus et novis metallis Lib. II. Bermannus sive De re metallica Dialogus Lib. I. Interpretatio Germanica vocum rei metallicae, addito duplici Indice, altero rerum altero locorum. Omnia ab ipso auctore, cum haud poenitenda accessione recens recognita. Basileae, Froben. 1558.

Bound with :

De mensuris & ponderibus Romanorum atque Graecorum Lib. V. De externis mensuris & ponderibus Lib. II. Ad ea, quae Andreas Alciatus denuo disputavit de mensuris et ponderibus brevis defensio Lib. I. De mensuris, quibus intervalia metimur Lib. I. De restituendis ponderibus atque mensuris Lib. I. De precio metallorum et monetis Lib. III. Ibidem. 1550.

Folio. The two works bound together. I : 4 leaves, 470 pp., 1 blank, 20 leaves. Printer's device on title and at end. Full page woodcut on p. 142. II : 4 leaves, 340 pp., 8 leaves. Printer's device.

A book of considerable importance, containing one of the earliest attempts to classify minerals. One part of it is devoted to latinising and systematising the nomenclature of metallic ores and minerals. Passages on alchemy are intermixed with it here and there. At the same time it is probably the earliest modern book on scientific geology, in which the influence of water and wind on the earth's surface is dealt with and volcanic actions are investigated. It includes also the "Bermannus," Agricola's earliest book on mining, first published in 1530.

#### AGRIPPA (Heinrich Cornelius) von Nettesheim.

In Artem Breuem Raymundi Lullij Commentaria. Coloniae, Ioannes Soter excudebat, An. 1533. Mensē Augusto.

Sm. 8vo. 102 unnumbered leaves (2 blank). With printer's mark on title, tables and woodcut diagrams in the text.

Apparently second edition.  
Ferguson II, 54 and Osier 3285.

The *Ars brevis* "is a technical system for the due fitting of knowledge to the memory, by a right use of propositions, definitions, arguments, and exhaustive questions; the application, in fact, of a short and good logical process to the art of study. . . . Agrippa was among the learned men who used it." (Osier after Morley).

Ferguson states that in "De Incertitudine et Vanitate Scientiarum" Agrippa criticises the "Lullian Art" severely, though he himself wrote this commentary upon it.

De Incertitudine & Vanitate Scientiarum & Artium atque excellentia Verbi Dei, declamatio. Parissis, apud Joannem Petrum, in Vico Sorbonico. Anno 1531.

8vo. 159 leaves. Printer's device on title.

This copy lacks the last leaf containing only the printer's device.

De incertitudine & uanitate scientiarum declamatio inuectiva, denuo ab autore recognita, & marginalibus annotationibus aucta. Capita tractandorum totius operis, sequentes indicant pagellae. N.d., p.o. p.n. (Circa 1534).

Sm. 8vo. 208 unnumbered leaves. With portrait on title.

This edition is described by Prost ("Corneille Agrippa, sa vie et ses oeuvres," Paris, 1881-82, Vol. II, p. 534, Nr. 26), who at another place of the same work (Vol. II, pp. 509-10) presumes that it was published at Paris. The portrait, according to Prost (II, 522) appeared for the first time in the "Occulta Philosophia," (Cologne, 1533). This edition seems to have appeared at the same period.

Henric Cornelius Agrippa, of the Vanitie and Uncertaintie of Artes and Sciences : Englished by Ia(mes) San(ford) Gent(leman). Ecclesiastes. I. All is but most vaine Vanitie : and ail is most vaine, and but plaine Vanitie. Seene and allowed according to the order appoynted. Imprinted at London, by Hennie Bynneman, dwelling in Knightrider streete, at the signe of the Mermayde. Anno. 1575.

4to. Ll. (7), (187), (1). Printed in Gothic characters.

The second English edition. S.T.C. 205.  
Lowndes I, 21.

Déclamation sur l'incertitude, vanité, et abus des sciences, Traduite en François du Latin de Henry Corneille Agr. Oeuure qui peut proffiter, & qui apporte merueilleux contentement à ceux qui fréquentent les Cours des grands Seigneurs, & qui veulent apprendre à discourir d'une infinité de choses contre la commune opinion. Par Lean Durand. 1582.

8vo. (15, 1 blank), 551, (1 blank) pp.

First edition of the French translation by Louis Turquet de Mayerne.  
Not quoted by Ferguson and Caillet.  
Brunet I, 114.

Opera Omnia in duos tomos concinne digesta, & nunc denuo sublatis omnibus mendis, in philomuson gratiam accuratissime recusa. Quibus post omnium editiones de novo accessit Ars Notoria, ut satis indicat Catalogus post praefationem positus. Lyons, Per Beringos Fratres. 1600.

8vo. 2 vols. I : 12 leaves, 668 pp., 2 blank leaves, four folding tables. H : 8 leaves, 440 pp., 8 leaves, 480 pp., 262 pp. Portrait of the author on verso of each title-page and woodcuts in the text.

This edition differs from most by having the date on the title-page. The collation differs from that given by Brunet and Ferguson.

#### ELIAS ASHMOLE'S COPY.

Three Books of Occult Philosophy, Written by Henry Cornelius Agrippa of Nettesheim, Counciller to Charles the Fifth, Emperor of Germany, and Judge of the Prerogative Court. Translated out of the Latin into the English Tongue by J. F. London, Printed by R. W. for Gregory Moule and are to be sold at the Sign of the Three Bibles neer the West End of Pauls. 1651.

4to. Engraved portrait, 12 preliminary leaves, 583 pp., 6 leaves. Folding table at p. 162 and woodcut diagrams in text.

Elias Ashmole's own copy with his signature on title-page and many marginal annotations in his hand. The translator was probably John French.

SEE ILLUSTRATION ON PLATE II.

#### AIGNAN (François).

L'Ancienne Médecine à la Mode, ou le Sentiment Uniforme d'Hippocrate & de Galien sur les Acides et les Alkalis. Par M. Aignan, Médecin du Roy, & Docteur de la Faculté de Padoue. Paris, Chez Laurent d'Houry rue S. Jacques, devant la Fontaine S. Severin au S. Esprit. 1693.

12mo. 5 leaves, 219 pp. (pagination starts at p. 3).

The only reference which I can find to this work is embodied in the note to the next item. The book is in the form of two letters from Aignan to the Cardinal of Furstemberg whose doctor the former was. Aignan deals with the causes and cures of his patron's ills, which seem to have been mostly indigestion, but takes the opportunity to expose a complete theory of medicine based on acid-alkali balance in the body.

Le Prestre Médecin Ou Discours Physique Sur l'établissement de la Médecine. Avec un Traité du Caffé & du Thé de France, selon le Système d'Hippocrate. Par M. Aignan, Médecin du Roy, & de M. le Cardinal de Furstemberg, et Docteur de la Faculté de Padoue. A Paris, Chez Laurent d'Houry, rue S. Jacques, devant la Fontaine S. Severin, au Saint Esprit. 1696.