

I have been unable to trace this work or to elucidate the name of the author which is presumably anagrammatised above. The contents of the books are entirely alchemical. A thorough search of the dictionaries of Anonyms and Pseudonyms has revealed no trace of this curious work which is not listed in the catalogue of the British Museum.

ANNUAL REPORT

Annual Report of the Progress of Chemistry, and die allied sciences, Physics, Mineralogy, and Geology ; Including the applications of Chemistry to Pharmacy, Medicine, Agriculture, the Arts and Manufactures : by Justus Liebig, M.D., Professor of Chemistry in the University of Giessen, and H. Kopp, Professor of Physics and Chemistry, in the University of Giessen. With the cooperation of H. Buff, Professor of Physics, E. Dieffenbach, Professor of Geology, C. Etting, Professor of Mineralogy, F. Knapp, Professor of Technology, H. Will, Professor of Chemistry, F. Zamminer, Professor of Physics, Professors in the University of Giessen. Edited by A. W. Hofmann, Ph.D., Professor in the Royal College of Chemistry, and W. de la Rue, Fellow of the Chemical Society (from Vol. III forth : H. Bence Jones, M.D., F.R.S., Physician to St. George's Hospital). Vols. I, II, III and IV (1847-50). London, Taylor, Walton, and Maberly, Upper Gower Street, and Ivy Lane, Paternoster Row. 1849-53.

8vo. Vol. I : pp. xv, (1), 516, 4. With 3 printed tables. Vol. II : pp. xviii, 585, (1). With 6 printed tables. Vol. III : pp. xix, (1), 627 (1), 4, (4). With 4 printed tables. Vol. IV : pp. xvi, 624. With 2 printed tables.

This is the English edition of " Jahresberichte über die Fortschritte der Chemie." According to Bolton (I, 1078, 50) 7 volumes were issued until 1855 (containing reports until 1853), but Messrs. Sotheran (Cat. 839, item 184) say that only 4 volumes were ever published.

ANNULUS PLATONIS.

Annulus Platonis oder physikalisch-chymische Erklärung der Natur nach ihrer Entstehung, Erhaltung und Zerstörung von einer Gesellschaft ächter Naturforscher aufs neue verbessert and mit vielen wichtigen Anmerkungen herausgegeben. Berlin und Leipzig, bei George Jacob Decker. 1781.

8vo. (32), 551 pp. Engraved folding plates of symbols.

Ferguson I, 35.

ANONYMUS von FELDTAW. Hermetischer Wunderbaum . . . 1635. See under : CROLL (O.). Basilica Chemica. 1629.

ANTHONY (Francis).

Apologia Veritatis Illucescentis, pro Auro Potabili : seu Essentia Auri ad Medicinalem Potabilitatem absque corrosivis reducti, ut fere omnibus humani corporis aegritudinibus, ac praesertim Cordis corroboracioni, tanquam Universalis Medicina, utilissime adhiberi possit, una cum rationibus intellegibilibus, testimoniis locupletissimis et modo convenienti in singulis morbis usurpandi, producta. Authore Francisco Antonio Phil. et Med. Doct. Anglo. Lond. Londini, Excusum per Johannem Legatt. 1616.

4to. Title +8 leaves +112 pp. + 2 leaves.

First Latin Edition, an English edition was published the same year. S.T.C. 667.

Deals mainly with Anthony's remedy and contains testimonials from those who had used it. At the beginning some epigrams against Mathew Gwinne, first Gresham professor of Physic at Oxford, who had refuted the author's view of Aurum Potabile. Francis Anthony (1550-1623) was several times imprisoned and fined for practising without a licence from the College of Physicians.

Panacea Aurea sive Tractatus duo de ipsius Auro Potabili, nunc primum in Germania ex Londinensi Exemplari excusi, Opera M.B.F.B. Jacobus Sereniss. Rex Angli. Numquid ego Antonium puniam, quia Deus illi benedixit. Henr. Nollius. Medicinam Universalem negant multi, sed ij plerumq ; id faciunt, qui ipsam assequi non valent. Hamburgi Ex. Bibliopolio Frobeniano. Anno 1618.

8vo. Pp. (16), 205 (1 blank).

Ferguson I, 36.

This book consists of two parts. The first part (pp. 1-57) is entitled : " Medicinæ Chymicæ, et veri Potabilis Auri assertio." It first appeared at Cambridge in 1610, 4to. The second part (pp. 59-199) is entitled : " Apologia veritatis illucescentis pro Auro Potabili." It first appeared in London in 1616 in a Latin and in an English edition, 4to. Both parts have separate title-pages. See S.I.C. 666-668.

A rare work by an unlicensed practitioner who lived in a life-long feud with the College of Physicians, which found him particularly obnoxious for not only did he practice without a license, but he also lauded chemical remedies and despised the traditional galenicals—worst of all he kept secret the composition of his remedy which was supposed to be a panacea for all ills. He was a friend of Michael Maier, who got to know him during his visit to England.

[ANTONI (Alessandro Vittorio Papacino d').]

Examen de la Poudre. Traduit de l'Italien par M. le Vicomte de Flavigny. A Amsterdam, Chez Marc-Michel Rey. A Genève, chez Emmanuel du Vilard. Et à Paris, chez Ruault, Libraire, rue de la Harpe. Jombert fils, Libraire, rue Dauphine. 1773.

8vo. Pp. (8), 240. With 9 folding plates containing 22 figures nicely engraved on copper.

First French Edition.

Brunet 8704.

The tract deals with gun-powder and projectiles.

APELLES Post tabulam observans. See : GERTZ (P).

ARAGON ROYAL SOCIETY.

Funcion Publica de Abertura de las Catedras de Botanica y Quimica que celebros la Real Sociedad Aragonesa el dia 18 de Abril del Corriente año con permiso de S. M. En Zaragoza, en la Oficina de Mariano Miedes, Impresor de la Real Sociedad Aragonesa. (1797).

8vo. 6, 38 pp.

ARCUEIL (Société d').

Mémoires de Physique et de Chimie de la Société d'Arcueil. Paris, J. J. Bernard, Quai des Augustins. 1807-17.

8vo. 3 vols. (all published). I : 4 leaves, 382 pp., 1 folding table and 1 plate. II : Half-title, title, one leaf, 498 pp. (pagination starts with page 5), 1 folding table and two plates. III : 4 leaves, 614 pp., 2 leaves errata (pagination starts with page 5), 1 large folding table.

An important publication of this society, the members of which included Arago, Berthollet, Biot, Chaptal, de Candolle, Gay-Lussac, Humboldt, LaPlace, Thénard and others. There are many papers of great scientific interest, notably Gay-Lussac's " Sur la combinaison des substances gazeuses " which sets forth the law named after him and Malus's " Sur une propriété de la lumière réfléchie " with the discovery of the polarisation of light by reflection, papers by Humboldt on magnetic variation, on isothermal lines and on the relation of plant geography to altitude, etc., etc.

The present copy contains the rare pp. 513-613 of Vol. III which are usually missing as the sheets were lost : it belonged to the famous scientist de Saussure, whose name is stamped on the bottom of the spine, having been given to him by Berthollet—the title page to Vol. II being inscribed contemporarily with " Donnée par M. Berthollet."

ARMSTRONG (Dr. E. F.).

Chemistry in the Twentieth Century. An account of the achievement and the present state of knowledge in chemical science. London, Ernest Benn Limited. 1924.

4to. 281 pp. Plates and illustrations.

Contributions by : J. I. O. Masson, E. N. da C. Andrade, Sir Henry A. Miers, Th. V. Barker, Sir William Henry Bragg, M. Wm. Travers, J. F. Thorpe, Wm. Clayton, Th. P. Hilditsch, John Allan, James C. Irvine, Chas. Fred. Cross, Reginald Furness, E. A. Bearder, G. G. Henderson, A. Robertson, F. L. Pyman, Thos. Anderson Henry, H. A. Plimmer, and others.

ARNALDUS DE VILLANOVA.

Arnaldi Villanovani Summi Philosophi et Medici Excellentissimi Praxis Medicinalis. Universorum morborum humani corporis, tam internorum quam externorum, curandi viam ac methodum, summa cum doctrina et certa experientia praescribens. Hac ultima editione Doctorum medicorum iudicio a sua Theoria disjuncta & summo cum studio ac diligentia ab infinitis erroribus ac mendis superiorum editionum repurgata. Cui accesserunt sub finem Tractatus ejusdem aliquot, partim Exoterici, partim Chymici, seorsim adjecti et nunc recens in eorum ornamentum, Cathena Aurea et Testamentum Philosophicum Ejusdem. Cunctis Philosophis et medicis summopere utilis ac necessaria. Cum Indice tam Tractatum quarta ab hinc pagina enumeratorum, quam rerum ac materialium locupletissimo. Lugduni, Apud Ioannem Stratum, sub Bibliis Aureis, 1586.

Folio. 2 leaves, 241 (badly numbered 245) pp., one leaf (numbered 244-245), 314 pp., 9 leaves index, 2 leaves, 47 pp.

The last collected edition of Villanova's complete works including the medical and alchemical texts. Ferguson (I, 46) mentions the edition.

This is a fine copy in the original binding, but pp. 313-14 and the index to the second part have been misbound after the first part. The last part " Tractatus Varii Exoterici " has a separate title page.

Omnia, quae exstant, Opera Chymica : videlicet, Thesaurus Thesaurorum : seu Rosarius Philosophorum : ac omnium secretorum maximum secretum. Lumen Novum. Flos Florum, & Speculum Alchimiae. Quibus nimirum artis huius mysteria etiam secretissima, luculenter enodantur . . . Nunc primum ita conjunctim edita, opera & impensis, Hieronymi Megiseri, Co. P. Caesarei . . . Francofurti, Typis Ioachimi Bratheringij. Anno 1603. (Part II :) Francofurti, Ex Officina Typographica haeredum Romani Beati. 1602.

8vo. 2 parts in one volume, with separate title pages. 120 + 77 pp., (2 blank leaves).

Ferguson I, 43 ; only part I in the Young collection.

Part II, " Speculum Alchimiae ", is in this copy the edition of 1602, mentioned by Ferguson, 1.c.

HAITZE, (Pierre Joseph de).

La Vie d'Arnaud de Villeneuve. A Aix, Chez Joseph David, Imprimeur-Libraire du Roy & de la Ville. 1719.

12mo. 197 pp.

MARC HAVEN (ps. Dr. E. Lalande).

La Vie et les Oeuvres de Maître Arnaud de Villeneuve. Paris, Chez Chamuel. 1896.

Sm. 4to. Halftitle, title, portrait, 192 pp., 2 leaves.

SIGERIST, H. E.

The Earliest Printed Book on Wine. By Arnald of Villanova, now for the first time rendered into English and with an Historical Essay by Henry E. Sigerist, M.D., with Facsimile of the Original Edition 1478. New York, Schuman's. 1943.

4to. 44 pp. and facsimile. Portrait.

One of 350 copies.

ARNAUD (E. R.), Docteur en Médecine.

Introduction à la Chymie, ou la vraye Physique. Où le lecteur treuvera la définition de toutes les Opérations de la Chymie ; La façon de les faire, & des exemples en suite très-rares sur chaque Opération ; & le tout dans un très-bel ordre. A Lyon, Chez Claude Prost, en rue Mercière, à l'Occasion. 1655.

8vo. 20 leaves, 112 pp.

Ferguson I, 47.

Nothing appears to be known of the author who was a follower of Paracelsus. On pp. 42-61 he gives a description of chemical furnaces and apparatus.

ARNAULD (Pierre).

Trois Traitez de la Philosophie Naturelle non encore imprimez. Sçavoir le secret livre du très ancien Philosophe Artephius, traitant de l'Art occulte & transmutation Métallique, Latin François. Plus les figures hiéroglyphiques de Nicolas Flamel ainsi qu'il les a mises en la quatriesme arche qu'il a bastie au Cimetière des Innocens à Paris, entrant par la grande porte de la ruë S. Denys, & prenant la main droite, avec l'explication d'icelles par iceluy Flamel. Ensemble, Le vray Liure du docte Synesius Abbé Grec, tiré de la Bibliothèque de l'Empereur sur le mesme subject, le tout traduit par P. Arnauld sieur de la Cheuallerie Poiteuin. Si te fata vocant, alias non viribus ullis, Neque etiam duro poteris conueller ferro. Virgil. A Paris, Chez Guillaume Marette ruë Saint Iacques, au Gril, pres saint Benoist. 1612. Avec Priuilege du Roy.

4to. Pp. 103. Large woodcut on folding sheet, and 8 small woodcuts, all coloured.

First Edition.

Caillet 3976.

Ferguson (I, 48) mentions two issues of the same book : mine is a copy of the second variant. F. states that most of the copies he had examined were imperfect and the large folding woodcut missing ; this copy is complete, and has many interesting marginal notes and alterations in a contemporary hand.

Philosophie Naturelle de trois anciens philosophes renommez Artepheus, Flamel, & Synesius, traitant de l'Art occulte & de la Transmutation métallique. Dernière Edition. Augmentée d'un petit Traité du Mercure, & de la Pierre des Philosophes de G. Ripley nouvellement traduit en François. A Paris, Chez Laurent d'Houry, sur le Quay des Augustins à l'image Saint Jean. 1682.

4to. 106 pp. With folding plate of Flamel's hieroglyphics at p. 46.

See Ferguson (I, 48), but this edition was not in the Young collection. It is a re-issue of that of 1659, itself a re-issue of the 1612 edition, but with a new preface and supplement containing Ripley's "Traité du Mercure" which occupies pp. 99-106. Page 98 contains the original colophon.

ARNOLD (Guido Ferdinand).

Der Ungelehrt-Gelehrte Alchymist, darinnen vorgestellt wird die Bereitung des Lapidis Philosophorum, auf Metallische und Vegetabilische Art. Aus Liebe und zu der Errettung dieser Kunst Wahrheit, noch von keinem Philosopho auf der Welt vor mir, mit solcher Aufrichtigkeit heraus gegeben als von mir. Leipziger Michael-Messe, 1723.

8vo. Pp. 32.

Ferguson I, 48 (no copy in the Young collection).
Kopp II, 356.

Bound up with 8 other tracts in 1 vol. See : *Miscellanea Chemica*.

ARRHENIUS (Svante).

Die Chemie und das moderne Leben. Autorisierte deutsche Ausgabe von Dr. B. Finkelstein. Leipzig, Akademische Verlagsgesellschaft. 1922.

8vo. 373 pp. With 20 illustrations in text.

L'ART HERMÉTIQUE

L'Art Hermétique à découvert ou Nouvelle Lumière magique où sont contenus diverses Mystères des Egyptiens, des Hébreux et des Chaldéens. N.P. 1787.

8vo. Pp. 98.

This work contains "La Lettre des Frères de la Compagnie de la Croix d'Or, R. C. contenant la Montagne Invisible."

It is not quoted by Ferguson.

Caillet (464) states that the style and typography suggest that the book was printed outside France and possibly in Russia : he adds that the spelling seems to be considerably earlier than the date of printing. Waite (*Brotherhood of the Rosy Cross*, 1924, p. 343) gives some interesting details about the Golden Cross.

ARTE CHEMICA (De)

Libri Duo, quibus omnia, quae ad lapidis siue pulueris philosophici compositionem usumque spectant, breuiter & apertè traduntur. Quorum prior De veritate & antiquitate artis Chemicæ & pulueris siue medicinae Philosophorum vel auri potabilis Testimonia & Theoremata ex varijs autoribus per Robertum Vallensem selecta. Posterior.

Chrysippi Faniani de arte metallica metamorphoseos liber singularis. Item de Iure Artis Alchemiae veterum auctorum & praesertim Iurisconsultorum iudicia & responsa ad quaestionem An Alchemia sit ars legitima. Ob argumenti, tractationis methodiq ; similitudinem coniunctim in gratiam Philochemistarum editi. Montisbeliardii, Apud Iacobum Foillet. 1602.

8vo. Pp. 51 (1 blank), (6), 67 (1 blank).

Ferguson I, 49.

This edition appeared in 1601 ; some copies were afterwards issued with the date altered to 1602. The tract by Robertus Vallensis (Ferguson II, 496-98) contains the first attempt at a history of chemistry. The tract by Fanianus (Ferguson I, 264), who was a lawyer at Basel, deals with the question of the transmutation of metals from the legal point of view.

ARTEPHIUS.

Liber Secretus nec non Saturni Trismegisti, sive F. Helix de Assisio Libellus, quorum primus magicum Ignem ob omnibus occultatum aperit, alter operandi modum aperta docet quibus accesserunt alia non dum impressa. (Frankfurt ?, 1685 ?).

12mo. 119 pp. The ale is in old pen facsimile.

A very rare work, mentioned by Ferguson (I, 51) but not in the Young collection. It is probably the second edition. The second work by Helias the Franciscan is illustrated with 12 rather crude woodcuts showing the various stages of making the Philosopher's Stone within the Hermetic Vase. Very little seems to be known about this latter work, but see Kopp (*Alchemie* I, 252).

Clavis Majoris Sapientiae. Primum, in lucem prodiit Parisiis, nunc iterum secundum Exemplar istud recusa. Argentorati, Prostat, Apud Joh. Albertum Dolhopff. 1699.

12mo. Title + 53 pp.

Ferguson I, 51.

Caillet I, 67.

Rosenthal, *Bibl. Magica*, 51.

The first edition appeared in Paris in 1609.

ARTIS AURIFERAE,

Auriferae Artis, quam Chemiam vocant Antiquissimi Authores sive Turba Philosophorum.-Auriferae Artis quam Chemiam vocant, Volumen Secundum, quod continet Morieni Romani scripta De Re Metallica, atque de Occultae summae Antiquorum Medicina, cum alijs autoribus quos versa pagina indicat. Basileae, apud Petrum Pernam. 1572.

8vo. 2 vols. I : 8 leaves + 672 pp.+24 ll. II : 570 pp.-1-16 leaves. Some woodcuts.

Ferguson I, 52. Thorndike V, 625.

The third volume was not added until the reprint by Conrad Waldkirch in 1610 ; see following item. The two volumes, which it is very difficult to find together, were brought together in recent times, and are not quite uniform.

Artis Auriferae, Quam chemiam Vocant, volumina duo, quae continent Turbam Philosophorum, aliosq ; antiquiss. auctores, quae versa pagina indicat. Accessit nouiter volumen tertium, continens

1. Lullij ultimum Testamentum.
2. Elucidationem Testam. totius ad R. Odoardum.
3. Potestatem diuitiarum, cum optima expositione Testamenti Hermetis.
4. Compendium Artis Magicae, quoad compositionem Lapidis.
5. De Lapide & oleo Philosophorum.
6. Modum accipiendi aurum potabile.
7. Compendium Alchimiae & naturalis Philosophiae.
8. Lapidarium.

Item Alberti Magni secretorum Tractatus. Abbreviationes quasdam de Secretis Secretorum Ioannis pauperum.

Arnaldi Quaest. de Arte Transmut. Metall. eiusq; Testamentum.

Omnia hactenus nunquam visa nec edita. Cum Indicibus rerum & verborum locupletiss.

Basileae, Typis Conradi Waldkirchi. 1610.

8vo. 3 parts in 1 vol. Pp. (16), 405, (23, 4 blank). One woodcut. 346, (16, 2 blank). 20 woodcuts. (2), 185, (5). One woodcut.

Ferguson I, 51-52 : " One of the chief collections of standard alchemical authors."

Caillet 477: " Recueil rare et important. (Manquait à St. de Guaita)."

This is the third edition of this collection and the first one to contain the third part.

ARTIS CHEMICAE PRINCIPES.

Artis Chemicæ Principes, Avicenna atque Geber, hoc volumine continentur. Quorum alter nunquam hactenus in lucem prodiiit : alter vero vetustis exemplaribus, collatus atque elegantioribus et pluribus figuris quam antehac illustratus, doctrinae huius professoribus, has nostra editione tum jucundior, tum utilior evasit. Adjecto Indice rerum & verborum copioso. Basileae, Per Petrum Pernam. 1572.

8vo. 16 leaves (including one blank), 767 pp., 20 leaves. Several woodcuts of apparatus and furnaces.

This volume contains : " De Investigatione Perfectionis," " De Inventionem Veritatis sive Perfectionis," " Liber Fornacum " (Translated by Roderigus Hispaliensis) by Geber, also the following texts attributed to Avicenna, " Porta Elementorum," and : " Dictionis Libri X."

This is an extremely rare work which is missing in the B.M. and indeed the only reference to it which I have been able to find is in Darmstaedter (Alchemie des Geber, p. 11).

ARVIDSSON (Petrus Afzelius).

Dissertatio Gradualis sistens Chemicæ Progressus a Medio Saec. VII ad Medium Saec. XVII, cujus partem priorem, venia ampliss. Facultatis Phil. Praeside Mag. Torb. Bergman, Chemicæ Prof. Reg. . . . publice ventilandam exhibet P. A. Arvidsson. Upsaliae, Johan. Edman, Direct. et Reg. Acad. Typogr. 1782.

4to. Title + 40 pp.

ASHMOLE (Elias).

Fasciculus Chemicus : Or Chymical Collections. Expressing The Ingress, Progress, and Egress, of the Secret Hermetick Science, out of the choicest and most Famous Authors. Collected and digested in such an order, that it may prove to the advantage, not onely

of the Beginners, but Proficients of this high Art, by none hitherto disposed in this Method. Whereunto is added, The Arcanum or Grand Secret of Hermetick Philosophy. Both made English By James Hasolle, Esquire, Qui est Mercuriophilus Anglicus. Our Magistry is begun and perfected, by onely one thing ; namely, Mercury. Ventur, p. 26. London, Printed by J. Flesher for Richard Mynne, at the sign of St. Paul in Little Britain. 1650.

Sm. 8vo. Engraved frontispiece, (50), 268 pp.

Bolton I, 973.

Gardner, Bib. Ros. No. 63.

This is a rare English Translation of Arthur Dee's work (q.v.) to which Ashmole added the Arcanum which has its own title-page and is a translation of Jean d'Espagnet's Hermetic Arcanum. Duveen, Chemistry and Industry, 1946, 16.

Theatrum Chemicum Britannicum. Containing Severall Poeticall Pieces of our Famous English Philosophers, who have written the Hermetique Mysteries in their owne Ancient Language. Faithfully Collected into one Volume, with Annotations thereon . . . The First Part. (All published). London, Printed by J. Grismond for Nath Brooke, at the Angel in Cornhill. 1652.

4to. 8 prel. leaves, 486 pp. (pp. 281-284 left out of numbering as in all copies), errata leaf and four leaves of index.

Collation : A-Z, Aa-Zz, Aaa-Zzz all in fours.

Illustrations : One folding plate inserted between pp. 116 and 117 " Here followeth the Figure conteyning all the secrets of the Treatise both great and small," full page engraving inserted between pp. 436-37 " These Hyroglyphicks vaile the Vigorous Beames of an Unbounded Soule."

Two woodcuts on pp. 212 and 379 and 12 engravings, mostly full-page, in the text on pp. 12, 28, 44, 51, 91, 102, 210, 213, 226, 348, 350, 479.

First Edition.

The most important English alchemical text. Complete copies are extremely rare, most copies lacking at least one or more plates. There was no copy in the Young collection and Ferguson only mentions the book (I, 52). Bolton (pp. 952-3) gives a slightly incorrect collation, but prints a list of the contents, first reprinted by Gmelin (Geschichte der Chemie [1797], I, 620). Bolton also refers to a minute account of work and author in Kipp's Biographia Britannica (1778), I, 298.

The Way to Bliss. In Three Books. Made Publick, by Elias Ashmole Esq. Qui Est Mercuriophilus Anglicus. London, Printed by John Grismond for Nath. Brook at the Angel in Corn-hill. 1658.

4to. 3 leaves. 220 pp. With the fine frontispiece portrait.

First Edition. With the beautiful portrait, missing in most copies. This copy is printed on thick paper.

Ferguson I, 52.

GUNTHER (R. T.).

The Diary and Will of Elias Ashmole, edited and extended from the Original Manuscripts by R. T. Gunther. Oxford, 1927.

8vo. 183 pp. Portrait.

Old Ashmolean Reprints II,