

## IAMBlichus.

De Mysteriis Aegyptiorum, Chaldaeorum, Assyriorum. Proclus in Platonicum Alcibiadem de Anima, atque Daemone. Idem de Sacrificio & magia. Porphyrius de diuinis atq; daemonib. Psellus de Daemonibus. Mercurii Trismegisti Pimander. Eiusdem Asclepius. Lugduni, Apud Ioan. Tornaesium, Typogr. Regium. 1570.

16mo. Pp. 543, (1). With publisher's device on title and woodcut vignette at the end of the book.  
Caillet 5491 : " Edition fort rare de Jean de Tournes à Lyon."

## IMISON (John).

The School of Arts ; Or, An Introduction to Useful Knowledge : Being a Compilation of Real Experiments and Improvements, in several pleasing Branches of Science, on the following subjects, viz, Mechanics Electricity Pneumatics Hydrostatics and Hydraulics Optics Clock and Watch-making and Astronomy. The Miscellaneous Articles contain the most approved Art of Drawing Etching Engraving Mezzotinto Scraping Aquatinta Crayon Painting Gilding on Glass Pots etc. Silver Looking Glasses etc. Lackering Varnishing Soldering Casting in Plaster etc. Cements Glues Metals for Speculums with the whole process of Grinding etc. Staining Wood a Composition for Ornaments, Objects for the Microscope etc. The fourth edition, with very considerable additions. London : Printed for J. Murray and S. Highley, No. 32, Fleet Street. 1796.

8vo. 15 319 pp., 4 leaves, 176 pp. With 24 folding plates.

An edition of 1822 is listed by Bolton (I, 549).

## INGEN-HOUSZ (John).

Account of a new Kind of inflammable Air or Gass, which can be made in a Moment without Apparatus, and is as fit for Explosion as other inflammable Gasses in use for that Purpose ; together with a new Theory of Gunpowder. (Excerpt from the Philosophical Transactions, read March 25, 1779.)

4to. pp. 376-418. 1 folding plate.

An interesting paper written from the point of view of a phlogistonist and dealing with the forces of explosions of air or oxygen and ether vapour. Contains frequent references to Priestley and also to Lavoisier, Cavendish, Fontana.

Experiments Upon Vegetables, Discovering Their great Power of purifying the Common Air in the Sun-shine, and of Injuring it in the Shade and at Night. To Which Is Joined, A new Method of examining the accurate Degree of Salubrity of the Atmosphere. London : Printed for P. Elmsly, in the Strand ; and H. Payne, in Pall Mall. 1779.

8vo. lxxviii + 302 pp., (11) leaves (2 blank). With one folding plate.

First Edition.

Bolton I, 549.

Kopp, Chemie, III, 208.

Hoefer II, 538.

Extremely rare. This book " contains a demonstration that the green parts of plants, when exposed to light, fix the free carbon dioxide of the atmosphere. He showed that plants have no such power in darkness but that they then give off, on the contrary, a little carbon dioxide. This discovery is the foundation of our whole conception of the economy of the world of living things " (Singer, Biology, p. 371).

Added to this copy is an engraved portrait of Ingen-housz, A.L.L. ad vivum delin., Cuneo inc. Romae 1769.

Nouvelles Expériences et Observations sur divers Objets de Physique. A Paris, Chez P. Théophile Barrois le jeune, 1785.

8vo. 37 498 pp. 4 folding plates.

There are a number of papers on the properties of air and on the phlogiston theory.

INGLE (Herbert).

A Manual of Agricultural Chemistry. Third, revised and largely re-written edition. London, Scott, Greenwood & Son, 1913.

8vo. 8 397 pp.

INSTRUCTION GÉNÉRALE.

Instruction Générale pour la Teinture des Laines et Manufactures de laine de toutes couleurs, & pour la culture des drogues ou ingrédients qu'on y employe. A Paris, De l'Imprimerie de François Muguet, Imprimeur du Roy & de Monseigneur l'Archevesque rue de la Harpe, à l'adoration des trois Rois. 1671.

12mo. 175 pp. 8 leaves.

INSTRUZIONE.

Istruzione dei modi da praticarsi per coltivare il Kali Maggiore, o sia Salsola-Soda, erba comunemente nota col nome di Roscano ; e di formarne la Soda, cenere che impiegasi nella composizione de' vetri, e de' saponi, ec. Stampata per comando Dell' Illustriss. ed Eccellentiss. Magistrato de' Signori Onorandi Censori ed Aggiunto sopra l'Arte Vetraria. In esecuzione del Sovrano Decreto dell' Eccellentiss. Senato Primo Aprile 1780. (Venice), Per li Figliuoli del Qu. Z. Antonio Pinelli Stampatori Ducali. 1780.

4to. xxi pp., 1 blank leaf.

First Edition.

A rare book, issued by the Venetian Senate, with instructions how to cultivate the herb from which Soda can be obtained, for the purpose of manufacturing soap and glass.

IZARN (Joseph).

Explication du Nouveau Langage des Chimistes, Pour tous ceux qui, sans s'occuper de la science, voudroient profiter de ses découvertes. Paris. Baudouin, Imprimeur de l'Institut national, rue de Grenelle St.-Germain, n°. 1131. Brumaire An XII.-1803.

8vo. 11 148 pp. 1 plate.

Poggendorff I, 1174.

JACQUET (Jacques).

Discours, ou Histoire Abrégée de l'Antimoine, et particulièrement de sa Préparation. Par M. Jacquet, ci-devant Chirurgien de S.A.S. le Prince Louis de Wirtemberg. A Paris, De l'Imprimerie de Sebastien Jorry, rue & vis-à-vis la Comédie Française. 1765.

8vo. 48 pp.

The author cannot be traced in the bibliographies.

JACQUIN (Joseph Franz).

Elements of Chemistry. Translated from the German. London, Printed by J. W. Myers, etc., 1799.

8vo. 11 + 415 pp., 1 plate.

Bolton I, 552.

The Latin edition is referred to by Ferguson (I, 432).

There is a description of Woolfe's bottle, which is shown on the plate, and an outline of the phlogistic system.

Jacquin was credited by Lavoisier with having made a valuable contribution to the history of flame and combustion : the twelfth chapter of the latter's " Opuscule " is devoted to Jacquin and his work.

[JAGER (Johann Ludolf)] ps. INDAGINE (I.L.ab).

Bifolium Chémico-Physico-Metallicum, bestehend in zwo besondern Abhandlungen, deren die erste den Zink und Galmey, die andre aber den Arsenik, benebenst einigen Merkwürdigkeiten, gründlich untersucht. Amsterdam und Leipzig, bey Johann Schreuder, 1771.

8vo. Pp. (12), 227, (1).

First Edition.

Ferguson I, 427.

Caillet 5385.

This copy is of particular interest as bearing the attractive book-plate of Jacob Reinbold Spielmann (1722-1783), author of the " Institutions Chémiae." This book-plate, designed and engraved by J. Striedbeck of Strasburg, represents the arms of Spielmann containing a pair of dice, which is an obvious allusion to his name.

JAGNAUX (Raoul).

Histoire de la Chimie. Tome I : Première Partie : Histoire des Grandes Lois Chimiques. Seconde Partie : Histoire des Métalloïdes et de leurs principaux Composés. Tome II : Première Partie : Histoire des Métaux et de leurs principaux Composés. Seconde Partie : Histoire de la Chimie Organique. Paris, Librairie Polytechnique Baudry & Cie . . . 1891.

8vo. 2 vols. I : 5 leaves 728 pp. II : 2 leaves + 821 pp.

This extensive work is divided into four parts which treat respectively of : (i) General Theories ; (ii) metalloïds ; (iii) metals ; (iv) organic chemistry. In his preface the author avers " La chimie scientifique est donc dans ces grandes lignes, une science française. C'est pour le démontrer que le présent ouvrage a été écrit ". As can therefore be imagined, the book is far from unbiassed,

## JANIN de COMBE BLANCHE (Jean).

L'Antiméphitique Ou Moyens de détruire les Exhalaisons pernicieuses & mortelles des Fosses d'aisance, l'odeur infecte des Egouts, celle des Hôpitaux, des Prisons, des Vaisseaux de guerre &c., &c. Avec l'emploi des Vuidanges neutralisées, & leur produit étonnant.

followed by :

Supplément à l'Antiméphitique.

and :

Détail De ce qui s'est passé dans les Expériences faites par M. Janin, les 18 & 23 Mars, en présence des Commissaires réunis de l'Académie des Sciences & de la Société de Médecine. Imprimé par Ordre du Roi. A Paris, De l'Imprimerie de Ph.-D. Pierres, . . . 1782.

8vo. xxxii + 70 pp., 1 blank leaf, 8 pp., 1 leaf, 25 pp. (but lacks pp. 19-22 in last part).

Among the Commissaires mentioned in the last tract we find the names of Lavoisier, Fourcroy and Macquer. The author was an ophthalmologist at Lyon.

## JANUA PATEFACTA.

Janua Patefacta Thesauro, Per Quam Secretam Ad Scientiam Facilé ingredi possunt yeti Haermetis Filii. Amstelodami, Apud Elizeum Weyerstraten Anno 1678.

Sm. 12mo.

A very rare collection of alchemical reprints, unknown to the bibliographers. It contains the following tracts, each with own title-page and pagination :

(Sendivogius). Novum Lumen Chemicum, è Naturae Fonte, et Manuali Experientia depromptum. Cui accessit Tractatus De Sulphure. Auctoris Anagrama, DIVI LESCHI GENVS AMO. Pp. 65, (3 blank).

(Sendivogius). Novi Luminis Chemici, Tractatus alter De Sulphure Auctoris Anagrama ANGELVS DOCE MIHI IVS. Pp. 53, (3 blank).

(Monte-Snyders). Commentatio de Pharmaco Catholico ; Quomodo nimirum istud in tribus illis naturae Regnis, Mineralium, Animalium, ac Vegetabilium, reperiendum : atque exinde conficiendum, per excellentissimū Vniversale Menstruū, vi pollens recludendi, occludendiquē tum metallum quodlibet, in primā sui materiam, reducendi. Insuper Qualiter per idipsū (supple Menstruū) alias fixū illud indestructibile aurū, redigendū sit in verū & inculpatū Aurū Potabile, quod nullo se imposterū artis stratagemate, in solidū iterū aureū corpus patitur reduci. Cum primis ab honore Dei gloriosi & excelsi ; Deinde in singulare solatium & emolumentū Generis humani, propalata inque publicā data lucem, per &c. Atque Londini in Anglia, ab vno eodemque Paraphraste, qui vsquead huc Chymicam Vannum instituit ; celeriter, sed tamen fideliter, e Germanismo in latinismum traiecta ; Aera Christiana Millesima, Sexcètesim. a, Sexagesima quinta. Kalendis Octobribus. Pp. 80.

(Basilius Valentinus). Les Douze Clefs de Philosophie de Frère Basile Valentin Religieux de l'Ordre Saint Benoist. Traictant de la vraye Medicine Metalique. Pp. 56.

(Artephius). Artephii Antiquissimi Philosophi De Arte Occulta, Atque Lapidem Philosophorum Liber Secretus. Pp. 24. (Quoted by Ferguson I, 51).

The different tracts have been misplaced by the binder.

## JEAN DE MEUNG.

Le Miroir d'Alquimie de Jean de Mehun Philosophe Très-Excellent. A Paris chez Charles Sevesté, Rue S. Jacques devant les Mathurins. 1613.

8vo. Pp. 168 (last one blank).

The Young Collection lacked this work although Ferguson refers to it (I, 434 & 448/9.) It consists of a collection of treatises of which the first is attributed to Jean de Meung but appears to be a French version of Bacon's *Speculum Alchimiae* and the last is a translation of Bacon's *De Secretis Operibus*. Jean de Meung was responsible for the continuation of the Roman de La Rose, which is full of alchemical interest and has recently been investigated from this point of view (*Journal of Chemical Education*, 7, 1263).

Bound up with : TRISMOSIN, Toison d'or, 1613, q.v.

Der Spiegel der Alchymie des vortrefflichen Philosophen Johann von Mehun. Aus dem Lateinisch-Französischen übersetzt. Dem noch beygefüget worden Ben-Adams Traum-Gesichte durch Floretum a Bethabor, nebst Friedrich Galli Reise nach der Einöde St. Michael. Ballenstädt und Bernburg, in der Biesterfeldischen Hof-Buchhandlung, 1771.

8vo. 48 pp.

Ferguson I, 434.

## JENSEN (Ingeborg Hammer).

Die Alteste Alchymie. Copenhagen, Hoest, 1921.

8vo. 159 pp.

## JÖCHER (Christian Gottlieb).

Allgemeines Gelehrten-Lexicon, Darinne die Gelehrten aller Stände sowohl männlichen weiblichen Geschlechts, welche von Anfange der Welt bis auf jetzige Zeit gelebt, und sich der gelehrten Welt bekannt gemacht, Nach ihrer Geburt, Leben, merckwürdigen Geschichten, Absterben und Schriften aus den glaubwürdigsten Scribenten in alphabetischer Ordnung beschrieben werden. Leipzig, in Johann Friedrich Gleditschens Buchhandlung, 1750-1751.

4to. 4 vols. I : Portrait, 8 leaves, 2248 columns, 3 leaves. II : 2 leaves, 2636 columns, 2 leaves. III : Title + 2338 columns, 2 leaves. IV : 2 leaves, 2250 columns, 2 leaves.

and :

Fortsetzung und Ergänzungen zu Christian Gottlieb Jöchers allgemeinem Gelehrten-Lexico, worin die Schriftsteller aller Stände nach ihren vornehmsten Lebensumständen und Schriften beschrieben werden ; von Johann Christoph Adelung. Leipzig, in Johann Friedrich Gleditschens Handlung, 1784-1787.

4to. 2 vols. I (A-B) : 8 leaves, 2496 columns. II (C-J) : Title, 2368 columns.

## [JOHN XXII].

L'Elixir Des Philosophes, Autrement, L'Art transmutatoire ... attribué au Pape Jean XXII . Lyons, Bonhomme, 1557

Bound up with : BACON (Roger), Le Miroir d'Alchimie, 1557, q.v.

JOHNSON (Cuthbert W.).

On the Fertilizers. Third Edition. London, Ridgway. 1851.

8vo. 480 pp.

JOHNSON (Obed Simon).

A Study of Chinese Alchemy. Shanghai, The Commercial Press, Ltd., 1928.

8vo. 11 pp., 1 leaf, 156 pp.

JOHNSON (William).

Lexicon Chymicum. Cum Obscuriorum Verborum, Et Rerum Hermeticarum, Tum Phrasium Paracelsicarum, In Scriptis ejus : Et aliorum Chymicorum, passim occurrentium, planam explicationem continens. Londini, Excudebat G. D. impensis Gulielmi Nealand, apud quem prostant venales sub Signo Coronae, in vico vulgo vocato Ducklane, 1652.

Small 8vo. Pp. (2 blank, 16), 250, (4 blank). Title red and black.

Followed by :

Lexicon Chymicum. Continens Vocabula Chimica in priore Libro ommissa, multis vocabulorum Chymicorum Characteribus adjectis e Basilio Valentino, Theophrasto Paracelso, Oswaldo Crollio, aliisque Authoribus Chymicis collectis. Opera & Industria Guli. Johnsoni Chymici, apud Amen Corner. Lib. Secundus. Londini, Excudebat G D. Et prostant venales apud L. Sadler, ad insigne Leonis aurati, in vico vulgo vocato Little Brittain, 1653.

Small 8vo. Together 2 parts in 1 vol. Pp. (7, 1 blank), 8, 86, (2 blank), (15, 1 blank). Title red and black.

First Edition.

Ferguson I, 439 (no copy in Young Collection).

The second part of this chemical dictionary contains a small biography of Paracelsus and an interesting list of chemical characters.

JOHNSTON (James).

Some Account of the Walton Water near Tewkesbury with Thoughts on the Use and Diseases of the Lymphatic Glands in a Letter to. . . Worcester, Printed by J. Tymbs at the Cross (1787).

8vo. 7 + 48 pp. Errata slip pasted on verso of last preliminary leaf.

Waring II, 803.

Contains some account of analytical experiments.

JOLLIVET-CASTELOT (F.).

La Synthèse de l'Or, l'Unité et la Transmutation de la Matière. Paris, H. Daragon, 1909.

8vo. 2 leaves, 40 pp.

Natura Mystica ou Le Jardin de la Fée Viviane. Paris, Chacornac, éditeur, 1920.

8vo. 4 leaves, 198 pp., 1 leaf.

Études d'Hyperchimie. Chimie et Alchimie. Paris, Librairie Critique Emile Nourry, 1928.

8vo. 285 pp., 1 leaf.

La Fabrication Chimique de l'Or. Texte Français (Traductions Anglaise, Allemande, Espagnole). Douai, Chez l'auteur, 1928.

8vo. 126 pp.

JOLY (Gabriel).

Trois Anciens Traictez de la Philosophie Naturelle. 1. Les Sept Chapites dorez, ou bien les sept Sceaux Egyptiens, & la Table d'Esmeraude d'Hermes Trismegiste. 2. La Response de Messire Bernard Conte de la Marche Treuisane, à Thomas de Boulongne, Medecin du Roy Charles huitiesme. 3. La Chrysopée de Jean Aurelle Augurel, qui enseigne l'art de faire l'or. Les deux premiers n'ont encore esté traduits en François, & le troisieme est corrigé des fautes suruenues en la precedente impression. Par Gabriel Joly. A Paris, Chez Charles Hulpeau, demeurant à la rue Dauphine à l'Escharpe Royale, & en sa boutique sur le Pont-neuf, proche les Augustins. 1626. Avec Privilege du Roi.

8vo. Pp. 89 (for 81), (1) : (1, 1 blank), 130.

Bolton I, 1061.

Caillet 5605.

Brunet III, 117.

Ferguson I, 439 ; only an imperfect copy in the Young collection.

A very scarce work.

The third treatise, which has a separate title-page and pagination, was missing from the Young copy ; in this copy it has been bound in at the beginning of the volume.

The first two treatises are here found in their first French editions.

Thorndyke (History of Magic and Experimental Science, II, 611) deals very fully with the al-chemical correspondence of Thomas of Bologna.

JORDAN (Thomas).

Thomae Iordani A Clausoburgo, Publici March. Moraviae Medici, De Aquis Medicatis Moraviae, Commentariolus. Cum Indice copiosissimo. Francofurdi, Apud heredes Andreae Wecheli, 1586.

8vo. 14 leaves + 119 pp. + 6 leaves (including three blanks).

JORDEN (Edward).

A Discourse Of Natural Bathes, And Mineral Waters. Wherein, The Original of Fountains in general is declared. The nature and difference of Minerals, with Examples of particular Bathes. The Generation of Minerals in the Earth, from whence both the Actual Heat of Bathes, and their Virtues proceed. By what Means Mineral Waters are to be