

## GEHEIMNISS.

Das Geheimniss der Hermetischen Philosophie, in welchem die Verborgenheit der Natur und der Kunst, die Materie und Weise zu wirken betreffende, Vom Steine der Weisen, durch gewisse Regeln ordentlich geoffenbaret wird. Aus der dritten vermehrten und verbesserten Lateinischen Ausfertigung Parisischen Drucks ins Hochdeutsche übersetzt. Frankfurt und Leipzig, In der Fleischerischen Buchhandlung, 1770.

8vo. 88 pp.

Ferguson I, 305.

## GEHEIMNISSE.

Geheimnisse einiger Philosophen und Adepten, aus der Verlassenschaft eines alten Mannes. Erster Theil. Leipzig bey Christian Gottlob Hilscher, 1780.

8vo. Pp. (2), 187, (1). With engraved vignette on title and two copper-plates.

Ferguson (I, 306) gives a detailed description of the contents of the booklet.  
Gardner, *Bibl. Rosicruciana*, 259.

It seems that a second part never appeared. There is an interesting page of advertisements of alchemical books at the end.

## GEISSLER (Friedrich).

Baum des Lebens ; das ist : Gründlicher Bericht vom wahrhaftigen Auro Potabili, wie ingleichen vom Wunderbahren Stein der Weisen, oder Grossen Elixir derer Philosophen &c. als der Höchsten Arezney &c. Auff Verlag Veit Jacob Treschers, Buchhändl. in Bresslau. Jena, druckts Joh. Nisius. 1683.

8vo. Pp. 64. With small woodcuts on pages 61 and 63.

First Edition.

Ferguson I, 308.

Caillet 4437 (erroneously with the date 1682).

## GELLERT (Christlieb Ehregott).

Chimie Métallurgique, dans laquelle on trouvera la Théorie & la Pratique de cet Art. Avec des Expériences sur la Densité des Alliages des Métaux, & des demi-Métaux, & un Abrégé de Docimastique. Avec Figures. Par M. C. E. Gellert, Conseiller des Mines de Saxe, & de l'Académie Impériale de Petersbourg. Ouvrages traduits de l'Allemand. Tome Premier (Tome Second). A Paris, Chez Briasson, Libraire, rue Saint-Jacques, à la Science, 1758. Avec Approbation et Privilège.

12mo. 2 volumes. Pp. (1, 1 blank), xij, 296. With 4 folding plates and 2 folding tables. Pp. xvij, (1 blank), 351, (1).

First Edition of the French translation.

Bolton (I, 473) only quotes the German original (1751-55) and the English translation (1776). Gellert was the first to introduce the method of extracting metals from their ores by amalgamation with mercury in the cold. The table of affinities contained in the work is specially interesting.

Metallurgic Chymistry. Being a system of Mineralogy in General, and of all the arts arising from this science. To the great improvement of manufactures, and the most

capital branches of Trade and Commerce. Theoretical and Practical. In two parts. Translated from the original German of C. E. Gellert. By I. S. London, Printed for T. Becker. 1776.

8vo. 12 leaves, 416 pp. 1 folding table, 3 folding plates.

Bolton I, 473.

The translator was John Seiferth.

## GERDING (Theodor).

Geschichte der Chemie. Zweite Ausgabe. Leipzig, Fr. W. Grunow. 1869.

8vo. 34 -I- 599 pp.

Bolton I, 112.

## GERHARD (Johann).

Decas Quaestionum Physico-Chymicarum selectiorum & graviorum, omnibus tam hermeticae quam peripateticae Philosophiae Studiosis scitu necessariarum, Lectu jucundarum atq utilium De Metallis. Cui adjuncta est Medulla Gebrica. De Lapide Philosophorum. Tubingae, Typis Philiberti Brunni, Anno 1643.

8vo. Pp. (16), 143, (1 blank).

Ferguson (I, 312) ; no copy in the Young Collection.

Schmieder (p. 353) gives the place and date of the first edition as Jena 1620. The dedication of this edition however is dated " Calendis Decembris 1642." It may be supposed that no other edition had appeared before this one.

## GERHARDT (Charles).

Précis de Chimie Organique. Paris, Chez Fortin, Masson et Cie., Juillet 1844, Juin 1845.

8vo. 2 vols. 16 + 635 pp., title 592 pp.

Bolton I, 475 : " A meritorious work, once regarded as indispensable "

Gerhardt and Laurent were largely responsible for the movement which finally led to a distinct separation of the fields of organic and inorganic chemistry. Gerhardt attempted a reform by introducing a reduction of all formulas to a common volume basis. He also announced a " Theory of Residues " which postulated that when two substances react the essential thing is the formation of some simple, inorganic compound, while the remaining atomic groups combine with each other as they may. He also attempted a consistent rational classification of organic compounds by arrangements in series which he distinguished as " homologous, isologous and heterologous."

## GERMAIN (Claude).

Icon Philosophiae Occultae, sive vera methodus componendi magnum antiquorum philosophorum lapidem. Parisiis, Apud Edmundum Couterot, viâ Jacobaeâ, ad insigne boni Pastoris. 1672.

8vo. Pp. (52), 98, (1, 1 blank). With printer's mark on title.

— First Edition.

Ferguson I, 313,

Caillet 4496 (who erroneously gives the date of the first edition as 1673). The author was a Medical Doctor of Paris University. He begins his book by a letter of dedication to Johannes Casimir, King of Poland, in which he mentions "Sendivogius Eques Polonus" who was still alive at this time.

## GERON (T. F.).

Clavicule de la Philosophie Hermétique, ou les Mistères les plus Cachés Des Anciens & Modernes sont Misse au jour en faveurs des Enfants de L'Art, & à la Gloire de Dieu par T. F. Geron, Docteur en Médecine. 1753.

4to. Pp. 124.

This very rare work is not to be found in any of the usual bibliographies. There is no due as to printer or publisher; the typography does not appear French and it is possible that it was printed in Belgium. Support is lent to this by the fact that the book is dedicated to a Belgian noble.

It is an interesting work containing many practical descriptions of necessary preliminary operations of the grand "Grand Oeuvre".

## GERTZ (P.).

Neu-eröffnete Kunstammer oder Theophrastische Geheimnisse insonderheit vor Weinhändler, Goldschmiede, Mahler und Zobelfärber, worinnen gehandelt wird: I. Von Eschen, Gold-Farbe, Cimeten, allerley Ertz-Proben, Schmeidung auf Gold und Silber, Weichung und Härtung des Stahls, Étzung auf Gold, Silber und Eissen, Vergöldung und Versilberung auff Eissen und Messing, Einlassung der Farben, übergöldeter Silber-Arbeit, Anrichtung der Schmelz-Gläser auf allerley schöne Farben, auch von sonderbaren Tugenden und Wirkungen etlicher Edelgesteine. II. Von Kunstreicher Zubereitung aller Farben, so bey denen Malern im tüglichen Gebrauch, nebst einer Anweisung, wie man die höchsten Farben ausziehen soll. III. Von zierlicher Zubereitung und Färbung etlicher Wild-Wahren als Zobeln, Mardern, Marderkehlen, Ottern, Bibern und Schmaschen, auf schwarz, roth und blau. IV. Wie man die guten Weine wohl erhalten, und denen wandelbaren ihren Geschmack und Farben wieder geben möge nebst anderen nützl. Künsten mehr. Zum Drucke befördert von dem Hochgelahrten P. Gertz, a. S. Cruce. Deme noch beygefüget P. Kertzenmachers Alchimia und eines Anonymi Tractat Sol Sine Veste & Sol Non Sine Veste. Constantinopel. 1720.

8vo. 5 parts in one volume. Double-page title, 4 prel. leaves, 190 pp., 13 leaves index; Title, 109 pp., 1 leaf, 8 leaves with woodcuts of furnaces printed in red; Title 60 pp., 44 pp., 90 pp. (but wrongly numbered, the pagination jumping from 24 to 75).

I: An unrecorded work, of great interest for its technical recipes for colours, dyeing, assaying metals and the preservation of wines.

II: (Title as follows): Des berühmten Alchimisten, Petri Kertzenmachers, Alchimia, Das ist, Alle Farben, Wasser, Olea, Saha und Alumina, Damit man alle Corpora Spiritus und Calces praeparirt, sublimirt, und fixirt, zu bereiten, Und wie man diese Dinge nutze, Auf dass Sol und Luna werden mage, Auch von Solvieren und Scheidung aller Metall, Polirung allerhand Edelgesteine, fürtrefflichen Wassern zum Etzen, Scheiden und Solviren. Dem noch beygefüget, Ein kurtzer Bericht, wie die giftigen Dämpffe zu verhüten. Anno 1720.

This edition is mentioned in Ferguson, (Some Early Treatises on Technological Chemistry, page 29, no. 26), but the copy described by him lacked the woodcuts which, for some curious reason, are printed in red in this copy. According to Ferguson, this is a reprint of the 1570 edition.

III. (ORSCHALL, Joh. Christian): Sol Sine Veste, Oder Dreyssig Experimenta Dem Gold seinen Purpur auszuziehen, Welches theils die Destructionem aura vorstellet, Mit angehängtem Unterrichts, Den schon längst verlangten Rubin-Fluss oder Rothe Glass In höchster Perfection zu bereiten. Ans Licht gegeben aus eigener Erfahrung von J.C.O. Anno 1720.

An interesting work on the manufacture of ruby glass. See Ferguson II, 156, who does not mention this edition, but two others. The author relates in this work the story of the alchemist who transmuted, at Hamburg, a glass of water into gold with an unknown powder.

IV: Apelles post tabulam observans maculas in Sole Sine Veste Ob J.C.O. die wahre Aufschliessung des Goldes und den Rubin-Fluss gnugsam erwiesen? n.d.

This actually forms part of the tract by Orschall, but is really an attack on him.

Ferguson I, 38.

Kopp, Alchemie, II, 372.

V. GRUMMET (Christoph): Sol Non Sine Veste, Oder das unüberwundene Gold, In seiner Tapfferkeit triumphirend aufgeföhret, wider alle diejenigen, so jemalen vermeinet oder geschrieben, dass sie es warhaftig zu einem Glase, also genannten Rubin-Flusse, Pupurfarbe oder dergleichen gebracht, sondern Dass ihr Color oder Farbe einig und allein aus der von natur allerhöchst Purpur-Farbe begabten Magnesia, mediante Nitro, ausgebracht wird, Mit unumstässlichen warhaftigen Experimentis hierinnen angewiesen, und nebst einem ausführlichen Bericht von einer sonderbaren minera, Hespchorus genannt, deutlich beschrieben von Christoph Grummeten.

Ferguson I, 350.

Sudhoff No. 438, p. 643.

These five tracts really form one book as the signatures run on, though they have all separate title pages and pagination, as given above. The place of printing is not given, but at the end is a 10 pp. catalogue of chemical and emblem books for sale by the "Cörnerischen Erben auf dem Neuen Neumarcke". This may be at Frankfurt (?). The volume has remained unknown to most of the bibliographers and is rare.

## GESNER (Conrad).

Thesaurus Evonymi Philiatræ, De Remediis Secretis, Liber Physicus, Medicus Et partim etiam Chymicus, & oeconomicus in uinorum diuersi saporis apparatus, medicis & pharmacopolis omnibus praecipue necessarius, nunc primum in lucem editus. Argumentum copiosius sequens pagella continet. Tiguri per Andream Gessner. F. & Rodolphum Wyssenbachium. Anno Domini, 1552.

8vo. 576 (wrongly numbered 580) pp., 24 leaves, Printer's device on last leaf. Some woodcuts of distilling apparatus.

First Edition.

Of the greatest rarity.

Ferguson (I, 315) appears to be the only authority to quote this first edition and says: "It is unknown to most of the bibliographers, who usually quote that of 1554 as the first."

Thesaurus Evonymi Philiatræ, De Remediis Secretis, Liber Physicus, Medicus, Et partim etiam Chymicus, & oeconomicus in uinorum diuersi saporis apparatus, medicis et pharmacopolis omnibus praecipue necessarius, nunc primum in lucem editus. . . Tiguri Per Andream Gessnerum F. Anno Domini 1554.

8vo. 576 (wrongly numbered 580) pp., 20 leaves. Last leaf with printer's device. Some woodcuts.

Ferguson I, 315.

Ley, "Gesner", 35.

The second edition. This is often quoted as the first, and it claims on the title-page that this is the case. It is, however, a reprint of the first edition with the imprint slightly different and a different device on the last leaf.

Trésor de Euonime Philiatre des Remedés Secretz. Livre Physic, Medical, Alchymic, & Dispensatif de toutes substantiales liqueurs, & appareil de vins de diverses saveurs, necessaire a toutes gens. Principalement à Medecins, Chirurgiens, & Apothicaires. A Lyon, Chez Balthazar Arnoullet, 1555.

Large 8vo. 10 leaves, 325 pp., 1 leaf. With numerous woodcuts of plants and distilling apparatus.

First French edition.

The translator was Barthélemy Aneau. A later edition of 1559 was in the Young Collection and is described by Ferguson (I, 314).

Brunet II, 1565.

Thesaurus Evonymi Philiatrī, De Remediis Secretis. Liber Physicus, Medicus, & partim etiā Chymicus, & oeconomicus in vinorum diuersi saporis apparatus, medicis & pharmacopolis omnibus præcipuè necessarius. Quem præter hac quæ antea prelo commissa fuere, quàm plurimis fornacum figuris & auxiliis & illustrauimus. Lugduni, Apud Balthazarem Arnolletum. 1555.

16mo. Pp. (8), 498, (38). With publisher's device on title and about 60 small engravings of distillation apparatus and plants in the text.

Ferguson (I, 315) ; no Copy in Young Collection.

Rosenthal Cat. 31, Nr. 353.

See also Bibi. Osleriana 638.

Tesauo Di Evonomo Filatro De Rimedi Secreti. Lib. Fisico Et Medicinale, Et In Parte Chimico Et economico, circa '1 preparare i rimedij, & saporī diuersi, sommamente necessario à tutti i Medici, & Speciali. Aggiuntovi Molte, Et Diverse Figure de Forma. Tradotto di Latino in Italiano, per M. Pietro Lauro. Con Privilegio Del Senato Veneto. (At the end :) In Venetia Appresso Gian Battista Et Marchion Sessa Fratelli. 1556.

8vo. 152 + (16) leaves. With large printer's device on title-page, several fine woodcut initials, and 61 woodcuts of plants, vessels and furnaces in the text.

First Italian Edition, translated by Pietro Lauro.

Unknown to all bibliographers ; no copy in the British Museum ; extremely rare, possibly unique. Hitherto, the edition Venice, Fratelli Sessa, 1560 (Ferguson I, 315 ; but no copy in the Young collection), of which I also have a copy, was considered to be the first and unique Italian edition of Gesner-Euonymus's famous tract on remedies, although the printer's preface is clearly dated July 27th, 1556, as it is also in the present 1556 edition, a fact overlooked by Ferguson. This first edition came to light and into my possession only whilst the present catalogue was already in the press.

Tesauo di Evonomo Filatro De Rimedi Secreti. Lib. Fisico et Medicinale, & in parte chimico & economico, circa'l preparare i rimedi, & saporī diuersi, sommamente necessario a tutti i Medici, & Speciali. Aggiuntovi moite, et diverse figure de fornaci. Tradotto di Latino in Italiano, per M. Pietro Lauro. Venetia, Giovan Battista & Marchion Sessa fratelli, 1560.

8vo. 152 (16) leaves. With large printer's device on title-page, several fine woodcut and 61 woodcuts of plants, vessels and furnaces in the text.

Second, and apparently last Italian Edition.

Ferguson (I, 315) ; but no copy in the Young collection. Until I discovered a copy of the edition Venice, 1556 (see preceding item), this edition, on the strength of Ferguson's assertion, was considered to be the first and only Italian edition, although the printer's preface, dated, as in the 1556 edition, July 27th, 1556, clearly points to an earlier edition. The present 1560 edition is a textual reprint, but entirely re-set, and differs from the first edition only in a few typographical details ; it has a different printer's device on the title-page.

A new booke of destillatyon of waters, called the Treasure of Evonymus, containing the wonderful hid secrets of nature, touching the most apt formes to prepare & destill Medicines, for the conseruation of helth : as Quintessence. Aurum Potabile, Hyppocras, Aromaticall wyne, Balmes, Oyles, Perfumes, garnishing waters, & other manifold excellent confectiōns. Whereunto are ioyned the forms of sondry apt Furnaces, and vessels required in tins art. Translated (with great diligence, & labour) out of Latin, by Peter Morwyng, felowe of Magdaline Colledge, in Oxforde. Whereunto is added a profitable table or Index for the better finding of al such waters as serue aswel for medicines, as also for the principal matters or other, conteyned in the booke. Imprinted at London by John Day, dwellyng ouer Aldersgate, beneath Saynt Martines. Cum priuilegio Regiæ Maiestatis. (Colophon :) Imprinted at London by John Day, dwelling ouer Aldersgate beneath S. Martins. The fyrst of June, 1565. Cum priuilegio Regiæ Maiestatis.

4to. Pp. (20), 408, (16). Black letter. With the Stationers' Arms (repeated) and 58 woodcuts of plants and apparatus in the text.

Ferguson I, 314.

Second edition of the English translation. The first edition appeared in 1559 (Bibi. Osleriana 640). Sir Wm. Osier had a particular admiration for Gesner ; interesting details of his life etc. are given in Bibliotheca Osleriana p. 64.

S.T.C. (No. 11801) records 3 copies : British Museum, Cambridge University and Bodleian. A much sought-after work : the capitals are embellished occasionally with highly amusing designs ; a peculiarity is that the lines are numbered in tens, this being made use of in the index for facilitating references. The book is of particular interest as a record of Chemistry known to Gesner, the greatest naturalist, polyhistor and bibliographer of his time. It deals with distillation in particular, being the forerunner of Glauber and the successor of Ulstadt detailed accounts of the plants to be distilled, the furnaces and apparatus for such operations and the methods for getting the virtues out of plants, animals and minerals together with their uses in effecting cures are given. Many singular remedies and curious ideas are to be found in the book.

Euonymus. Conradi Gesneri Medici et Philosophi Tigurini de Remediis secretis Liber secundus nunc primum opera et studio Caspari Wolphii Medici, Physici Tigurini in lucem editus. (Zürich, 1569.)

8vo. 8 leaves (including one blank) -I- 237 ff. + 11 leaves index. Woodcuts.

First Edition of the second part of the Euonymus, edited by Caspar Wolf and published posthumously.

Ferguson I, 315.

Brunet II, 1565.

The newe Iewell of Health, wherein is contayned the most excellent Secretes of Phisicke and Philosophie, deuided into fower Bookes. In the winch are the best approued remedies for the diseases as well inwarde as outwarde, of all the partes of mans bodie : treating very amplye of all Dystillations of Waters, of Oyles, Balmes, Quintessences, with the extraction of artificiall Saltes, the vse and preparation of Antimonie, and potable Gold. Gathered out of the best and most approued Authors, by that excellent Doctor

Gesnerus. Also the Pictures, and maner to make the Vessels, Furnaces, and other Instrumentes therevnto belonging. Faithfully corrected and published in English, by George Baker, Chirurgical. Printed at London, by Henrie Denham. 1576.

4to. Pp. (24), 258 11. Black letter. Numerous woodcuts and four fine full-page woodcuts. This is the rare First English edition of the second part of Gesner's *Euonymus*.

Osler 641.  
S.T.C. 11 798 lists five copies.  
Ferguson I, 316. No copy in the Young Collection.  
Duveen, *Chemist & Druggist*, 22. xi. 1947.

*L'Histoire des Animaux à quatre Pieds, recueillie de Gesnerus & autres bons et approuvez Auteurs. Revue et corrigée par les doctes de notre temps. Seconde édition. A Paris, Chez Guillaume Mace, au mont S. Hilaire à l'enseigne de la Pyramide, 1619.*

Small 8vo. 239 pp. With 213 woodcuts.

This book consists of five parts, each under a different title-page, but with running pagination. The other parts deal with fishes, birds, snakes, and the last part is on distillation.

#### GESPRACHE.

*Gespräche in dem Reiche derer Welt-Weisen, in acht verschiedenen Theilen zusammen gefasset und mit einer Vorrede von dem Vorzuge der Neuern Welt-Weisen vor den Alten, begleitet nebst einem zulänglichen Register. Halle, in Verlegung Joh. Christian Hendels, 1722.*

4to. 8 leaves (including the engraved frontispiece showing scientists in a laboratory with microscope and telescope) 360 pp., 6 leaves index.

Pp. 253-263 contain a discussion of alchemy, pp. 222-228 of the Air-Pump. A curious and interesting book in the form of dialogues on many scientific and philosophical subjects of that period.

#### GHERLI (Fulvio).

*Il Proteo Metallico o sia Delle trasformazioni superficiali de Metalli, e delle differenti preparazioni de medesimi molto proprie per debellare i mali piu atroci, che il Corpo Umano affliggono, e per iscoprire gli inganni de falsi Chimici. Opera Filosofico-Medico-Chimica di Fulvio Gherli Cittadino Modanese, Dottore di Filosofia, e Medicina, ed al presente Medico di Scandiano. In Venezia, per Giuseppe Corona, 1721.*

8vo. 8 -I- 262 pp., errata leaf.

Kopp, *Alchemie*, II, 368.  
Poggendorff I, 890.  
A very rare and highly interesting work which contains much practical chemistry.

#### GIBBES (Sir George Smith).

A second Treatise on the Bath Waters, comprehending their Medicinal Powers in General and particularly as they relate to the cure of Dyspepsia, Gout, Rheumatism, Jaundice and Liver Complaints, Chlorosis, Cutaneous Eruptions, Palsy, etc. etc. Bath, Printed by W. Meyler, Grove and sold by all the booksellers in Bath, and by Robinsons, London, 1803.

8vo. 2 leaves, 120 pp.

Sir George Smith Gibbs (1771-1851) practised at Bath, where he was a prominent figure. He was evidently much interested in chemistry, for in 1809 he published "A Phlogistic Theory ingrafted upon M. Fourcroy's Philosophy of Chemistry" which was one of the latest attempts to revive the phlogiston theory. The present work is mainly of medical interest.

#### GIBBS (Willard).

*On the Equilibrium of Heterogeneous Substances. (From the Transactions of the Connecticut Academy of Arts and Sciences vol. III, pt. I and pt. II). (1875.)*

8vo. 2 parts in one volume. (Pp. 108-248 and 343-458).

This is the original issue of a paper which has been justly called "The Rosetta Stone of Science." In it Gibbs created the science of chemical thermodynamics at a time when nothing existed in this field. Donnan in his paper on Gibbs (q.v.) calls the present work "one of the mightiest works of Genius the human mind has ever produced." An interesting association copy. It has an inscription from the author to Hermann Kopp, the well-known historian of Chemistry, and later it was in the library of Professor Arthur Smithells.

#### DONNAN (F. G.).

*The influence of J. Willard Gibbs on the Science of Physical Chemistry. An Address by F. G. Donnan on the occasion of the Centenary Celebrations of the Founding of the Franklin Institute and the Inauguration Exercises of the Bartol Research Foundation September 17, 18, 19, 1924. Philadelphia, The Franklin Institute. (1924).*

8vo. 29 pp.

*RUKEYSER (Muriel) Willard Gibbs. New York, 1942.*

8vo. 7 leaves, 465 pp. Portrait.

#### GINAECEVM.

*Ginaeceum Chemicum seu Congeries Plurium Authorum Qui in Artem Hermeticam de Lapide Philosophico scripserunt, quorum Tractatus nec in Theatro, aut alio Volumine usquè adhuc simul impressi fuerunt. Supradictorum tum librorum tum Authorum catalogus sequenti pagina continetur. In Gratiam Studiosorum Animorum Qui huius Artis notitiam sectantur. Volumen Primum. Lugduni, 1679. Apud Io : de Treuis.*

8vo. Pp. (4), 727, (1 blank).

First Edition.  
Ferguson I, 318.  
Caillet 4540.  
This first volume seems to be all that was published. Ferguson enumerates the contents of this collection.

#### GIOANETTI (Victor-Amé).

*Analyse des Eaux Minérales de S. Vincent et de Courmayeur dans le Duché d'Aoste. Avec une appendice sur les eaux de la Saxe, de Pré S. Didier et de Fontane-More ... Contenant Plusieurs procédés chimiques nouveaux utiles pour l'analyse des eaux minérales en général & pour celle des sels. A Turin, Chez Jean-Michel Briolo. 1779.*