

Caillet (10133) suggests that the third treatise is not ascribable to Sendivogius and may be a French translation of the work of Harprecht, of which he has no copy available for comparison. I have compared the text with J. F. Hautnorton (usually taken as being the same person as Harprecht, cf. Ferguson I, 369), "Tractat vom philosophischen Saltz," 1656 ("Hermetisches A.B.C." 1778) and in fact the texts do correspond though not word for word, possibly due to their both being free translations from a common Latin original.

Bound with : POLEMAN (J.). Nouvelle Lumière de Médecine, 1721, q.v.

Fünf und fünfzig Briefe den Stein der Weisen betreffend. Aus dem Lateinischen übersetzt. Franckfurt und Leipzig, In Johann Georg Fleischers Buchhandlung. 1770.

8vo. 152 pp.

Ferguson II, 365.
Rosenthal, Bibl. Magica, 786.

SENEBIER (Jean).

Memoires Physico-Chymiques, Sur l'influence de la lumière solaire pour modifier les êtres des trois règnes de la Nature, & surtout ceux du règne végétal. A Genève, Chez Barthelemi Chirol. 1782.

8vo. 3 vols. I : 16 + 408 pp. II : 8 + 411 pp. III : 8 412 pp. 2 plates.

"The author confirmed the discoveries of Ingen-housz and noticed the fact that chlorophyll is bleached by the action of light in a few minutes. He also made important investigations on the action of light on resins and essential oils and found that some of the former on exposure to light lose their solubility in turpentine etc., a fact later used in the autotype process of reproduction." (Zeitlinger).

Recherches sur l'Influence de la Lumière Solaire Pour métamorphoser l'air fixe en air pur par la végétation. Avec des expériences et des considérations propres à faire connoître la nature des substances eriformes. Genève, Chez Barthelemi Chirol 1783.

8vo. 32 + 385 pp.

This work was intended as a continuation of the author's "Mémoires." Hoeffler (II, 540) refers to it.

Bolton I, 828.

Bound with : DE SAUSSURE. Recherches, 1804, q.v.

Recherches Analytiques sur la Nature de l'Air Inflammable ; per Jean Senebier, Ministre du Saint-Evangile & Bibliothécaire de la République de Genève. A Genève, Chez Barthelemi Chirol, Libraire. 1784.

8vo. xxviii 387 pp.

First Edition.
Bolton I, 828.
Kopp, Chemie, IV, 187.

In this important work, the author mentions Bergman, Scheele, Lavoisier, Kirwan, Volta, Cavendish and others. On its contents see Kopp, l.c.

SEPHER (Abbé).

Library of, See under : CATALOGUE.

SERANE

Lettre de Mr. Chevrier Docteur en Médecine, à un de ses amis, Contenant Un Traité du Vert de Gris par Mr. Maître Serane de la Société Royale des Sciences, Docteur en Médecine de l'Université de Montpellier. Avignon, Chez Joseph Charles Chastanie, Imprim. et Lib. de Monseig. Le Vicelegat proche le College des RR. PP. Jésuites. 1714.

Sm. 8vo. Title, 1 leaf and 16 pp. text (pagination starts at 3). One woodcut.

SERMUNDUS (Gaspar).

Gaspari Sermundi Medici Peritiss. De Balneorum Burmiensium Praestantia ad Sereniss. Ferdinandum Austriae Archiducem. Mediolani, ex Typographia Pacifici Pontii. 1590.

4to. 2 leaves, 76 pp., 4 leaves.

SERVIVS (Petrus).

Dissertatio de Vnguento Armario sive De Naturae Artis que Miraculis. Romae, Typis Dominici Marciani, 1643.

8vo. 4 ll., 179 pp., 2 11. With printer's mark.

Ferguson (II, 374) ; no copy in the Young collection.

Caillet 10167.

On the miraculous cures recorded in this book, which was first published in 1642, see Lynn Thorndike, V, p. 10. It is mainly alchemical, and quotes Paracelsus and Crollius. The author was the first to distil sea water to make it drinkable.

SEVERINUS (Petrus).

Idea Medicinae Philosophicae. Continens Fundamenta totius Doctrinae Paracelsicae, Hippocraticae & Galenicae. Hagae Comitum ex Typographia Adriani Vlacq. Anno Domini 1660.

4to. Pp. (8), 212, (2, 2 blank).

Ferguson II, 378.

The first edition appeared in 1571.

SHAW (Peter).

Philosophical Principles of Universal Chemistry : or, The Foundation of a scientific Manner of Inquiring into and Preparing The Natural and Artificial Bodies for the Uses of Life : Both in the smaller Way of Experiment, and the larger Way of Business. Design'd as a General Introduction To the Knowledge and Practice of Artificial Philosophy : or, Genuine Chemistry in all its Branches. Drawn from the Collegium Jenense of Dr. George Ernest Stahl London, Printed for John Osborn and Thomas Longman, at the Ship in Paternoster-Row. 1730.

8vo. 28, 424 pp., 18 leaves index and advertisements.

Ferguson (II, 381) ; no copy in the Young collection.

Bolton I, 846.

The author was a distinguished chemist, editor of Boyle and Boerhaave, and greatly interested in the relations of chemistry and medicine.

Chemical Lectures, Publickly Read at London, In the Years 1731, and 1732 ; And since at Scarborough, in 1733 ; For the Improvement of Arts, Trades, and Natural Philosophy. London, Printed for J. Shuckburgh, at the Sun. . . . (1734.)

8vo. 24 pp., errata leaf, 439 pp., 4 leaves index.

First Edition.

Ferguson (II, 381) refers to this work by the editor of Boyle, which had considerable influence on chemistry at the time.

An Enquiry into the Contents, Virtues and Uses of the Scarborough Spaw Waters, with the Method of examining any other Mineral Water. London, Printed for the author and are to be sold by Fletcher Gyles. . . . 1734.

8vo. 5 leaves, 166 pp., advertisement leaf.

I have another copy of this same work which is bound with Hoffman (Fr.), New Experiments, 1743 (q.v.) in one volume. The date is unchanged, but there is a half-title with errata on the reverse and an index, which seem to have been printed afterwards. Both issues have at the end the advertisement of Mineral Waters sold by John Fiddes.

Chemical Lectures, Publickly Read at London, In the Years 1731, and 1732 ; And at Scarborough, in 1733 ; For the Improvement of Arts, Trades, and Natural Philosophy. The Second Edition, Corrected. London, Printed for T. and T. Longman . . . 1755.

8vo. 24 467 pp., 5 leaves index.

The second edition.
Bolton I, 830.

Méthode Générale d'Analyses, ou Recherches Physiques sur les Moyens de connoître toutes les Eaux minérales ; Traduit de l'Anglois, par M. Coste, Conseiller, Docteur en Médecine, & ancien Médecin des Gardes de Sa Majesté le Roi de Prusse. At Paris, Chez Vincent. . . . 1767.

12mo. 8 leaves (the first blank), 392 pp., pp. 382-384 are blank, on pp. 385-392 there is a catalogue of scientific books.

Dedicated, by the translator, to Macquer.
Bookplate of N. P. Ledru (physicist, 1731-1807).

SHEBBEARE (John).

A New Analysis of the Bristol Waters : Together with the Cause of the Diabetes and Hectic. And their Cure, as it results from those Waters, experimentally consider'd. London, Printed for Tho. Cox, at the Lamb under the Royal-Exchange. 1740.

8vo. 8 + 39 pp.

The first publication by John Shebbeare, who had an interesting career as a political writer. Both Walpole and Boswell paid tribute to his powers. He claimed to have taken a medical degree at Paris, and to have been elected to the Academy of Sciences.
With inscription on ride-page " For Dr. R. Oliver " undoubtedly Dr. Oliver of Bath, the inventor of the Oliver Bath biscuits,

SHORT (Thomas), M.D.

The Natural, Experimental, and Medicinal History of the Mineral Waters of Derbyshire, Lincolnshire, and Yorkshire, Particularly those of Scarborough. Wherein, They are carefully examined and compared, their Contents discovered and divided, their Uses shown and explained, and an Account given of their Discovery and Alterations. Together with the Natural History of the Earths, Minerals and Fossils through which the Chief of them pass. The Groundless Theories, and False Opinions of former Writers are exposed, and their Reasonings demonstrated to be injudicious and inconclusive. To which are added, Large Marginal Notes, containing a Methodical Abstract of all the Treatises hitherto published on these Waters, with many Observations and Experiments. As also Four Copperplates representing the Crystals of the Salts of Thirty four of those Waters. . . . London, Printed for the Author, and sold by F. Gyles over against Gray's Inn in Holborn. 1734.

4to. 10 leaves, 22 + 359 pp., 1 leaf. With one plate at page 76 and 3 folding plates at end. Pp. 315-16 have been paginated twice.

Sir Norman Moore in the D.N.B. says that this is an original work, showing careful observations.

SHORT TITLE CATALOGUE.

A Short Title Catalogue of Books Printed in England, Scotland & Ireland and of English Books Printed Abroad 1475-1640. Compiled by A. W. Pollard and G. R. Redgrave and others. London, Bibliographical Society. 1926.

4to. 16 + 609 pp.

Short-title Catalogue of Books printed in France and of French Books printed in other countries from 1470 to 1600 now in the British Museum. London, printed by order of the Trustees, sold at the British Museum etc. 1924.

8vo. 7 + 491 pp.

[SIEBENSTERN (Christian Friedrich Sendimir von, pseud.)]. SABER (Chrysostomus Ferdinandus von).

Practica Naturae Vera, Oder Sonnenklare Beschreibung derer Natur-Geheimnisse, bestehend In wahrer Praeparation des Lapidis Universalis ; Samt einem Kurtzem Anhang vom Antimonio und dessen sonderbaren Kräfften. Getruckt auf Kosten der Ros encreutzer-Brüders chafft. 1721.

8vo. Pp. (6), 39. With curious frontispiece representing the author in his laboratory.

First Edition.

Ferguson II, 310.

Gardner, Bibl. Rosicruciana, 628.

Bound up with 8 other tracts in 1 vol. See : MISCELLANEA CHEMICA.

SIEBMACHER (Johann Ambrosius).

Wasserstein der Weisen oder Chymisches Tractätlein, Darinn der Weg gezeigt, die Materia genennet, und der Process beschrieben wird, zu dem hohen Geheimnüss der Universal-Tinctur zu kommen. Dabey auch zwey sehr nützliche andere Büchlein der

Gleichförmigkeit und Concordantz wegen angehängt : Nemlich, L. Johann von Mesung. II. Via veritatis der einigen Warheit. Vormalen durch Lucas Jennis aussgeben. Nunmehr aber wiederum Neu auffgelegt, und noch dabey gefüget zwey Respons von dem F.R.C. So an etlichen Ihro Zugethanen abgefertiget. Benebenst Eines anonymi sentiment, De Materia & Praxi Lapidis Philosophorum. Franckfurt am Mayn, Verlegts Johann Maximilian von Sand. Anno 1709.

8vo. Pp. 206. With curious engraved frontispiece, diagram on p. 37 and publisher's device on title.

This edition is not quoted by Ferguson (I, 384-385).

Pp. 1-127 : Wasserstein der Weisen.

Pp. 128-148: Beweiss der Natur (by J. de Meung).

Pp. 148-164: Gegenantwort des Alchymisten (by the same).

Pp. 164-174: Summarium Philosophicum (by Nic. Flamel).

Pp. 175-199 : Via Veritatis.

Pp. 200-205: Prima Responsio dess F.R.C.

Pp. 206: Secunda Responsio des Br. dess R.C.

The " Anonymi sentiment, etc.," mentioned on the title is not contained in this copy.

Bound up with this is : " Electa Juris Publici oder die vornehmsten Staats-Affaires von Europa besonders aber von Teutschland in einem Auszug vorgestellt. Erstes (- drittes) Stück. 1709

8vo. Pp. (4), 298.

Das Güldne Vliess, Oder Das Allerhchste, Edelste, Kunstreichste Kleinod, und der urälteste verborgene Schatz der Weisen, In welchem da ist Die Allgemeine Materia Prima, derselben nothwendige Praeparation und überaus reiche Frucht des Philosophischen Stemm augenscheinlich gezeigt und klärlich dargethan. Nürnberg, Bey Johann Adam Schmidt. 1737.

8vo, Pp. (14), 1-196, (5), 198-208, (2). With engraved frontispiece, J. A. Schmidt exc., 3 curious plates and 1 folding table.

Ferguson II, 383-84.

This copy has the two unnumbered pages which should appear at the end, misbound at the beginning.

SIGAUD DE LA FOND.

Leçons de Physique Expérimentale. A Paris, Chez Des Ventes de la Doue, Libraire, rue Saint Jacques, vis à vis le Collège de Louis Le Grand. 1767.

12mo. 2 vols. I : Half-title, 15 + 424 pp., errata leaf, 1 blank, 2 11. privilege, 11 plates (should be 12, lacks plate 3). II : 2 11., 501 pp. Plates 13-18.

Essai sur Différentes Espèces d'Air, qu'on désigne sous le nom d'Air Fixe, pour servir de suite et de supplément aux Elémens de Physique du même Auteur. A Paris, Chez P. Fr. Gueffier, Libraire-Imprimeur, au-bas de la rue de la Harpe, à la Liberté. 1779.

8vo. 4 leaves, 14 + 400 pp., 5 folding plates.

First Edition.

Bolton I, 833.

Vopp, Chemie, III, 210.

The author experimented with Macquer in 1776 and they found that on the combustion of hydrogen (air inflammable) water was produced, a discovery which greatly assisted Lavoisier and Cavendish in their later experiments.

Essai sur Différentes Espèces d'Air Fixe ou de Gas, pour servir de suite et de supplément aux Elémens de Physique du même Auteur . . . Nouvelle Edition, revue et augmentée, par M. Rouland, Professeur de Physique expérimentale et démonstrateur de l'Université de Paris. A Paris, Chez P. Fr. Gueffier . 1785.

8vo. 28 -I- 499 pp. 8 folding plates.

Second edition. Bolton I, 833.

SIGMOND (Georgius).

Dissertatio Inaugures quaedam de Aquis Thermalibus apud Bathonias complectens, quam annuente summo numine ex auctoritate Reverendi admodum viri D. Georgii Baird, SS. T.P. Academiae Edinburgenae Praefecti necnon amplissimi Senatus Academici Consensu et Nobilissimae Facultatis Medicae Decreto, pro Gradu Doctoris, summisque in Medicina honoribus ac privilegiis rite et legitime consequendis, eruditorum examini subjicit Georgius Sigmond, Anglus, Soc. Med. Edin. Soc. Extraord. necnon Soc. Reg. Phys. Edin. Soc. Ordinar. Prid. Id. Septembris, hora locoque solitis. Edinburgi, Excudebat Abernethy et Walker. 1814.

8vo. 3 leaves + 32 pp.

SIMPSON (William)

Hydrologia Chymica : Or, The Chymical Anatomy of the Scarbrough, And other Spaws in York-Shire. Wherein are Interspersed, Some Animadversions upon Dr. Wittie's lately Published Treatise of the Scarbrough-Spaw. Also, a short Description of the Spaws at Malton and Knarsbrough. And a Discourse concerning the Original of Hot Springs and other Fountains : With the Causes and Cures of most of the stubbornest Diseases (either Chronical or Acute) incident to the Body of Man. Also, a Vindication of Chymical Physick ; where a probable way is propounded for the Improvement of Experimental Philosophy : With a Digression concerning an Universal Character. Likewise a short Account of the Principles of ail Concretes, whether Vegetable, Animal or Mineral. Lastly, is subjoyned an Appendix of the Original of Springs ; with the Author's Ternary of Medicines : And the Epilogue to the whole, of the Essence .of the Scarbrough-Spaw. By W. Simpson, Philo-Chymico-Medicus. Ex Aqua Omnia. London, Printed by W. G. for Richard Chiswel at the Two Angels and Crown in Little-Britain. 1669.

8vo. 10 leaves, 374 pp. 2 plates.

Not recorded in the bibliographies and histories of chemistry, though this book has a great deal of interest to the chemist as it discusses hermetic medicine, minerals and metals and their properties etc. Simpson was an admirer of Paracelsus.

Hydrological Essayes : Or, A Vindication of Hydrologia Chymica : Being a further Discovery of the Scarbrough Spaw, And of the right use thereof. And of the Sweet Spaw and Sulphur Well at Knarsbrough. With a brief Account of the Allom Works at Whitby. Together with a return to some Queries, propounded by the ingenious Dr. Dan. Foot, concerning Mineral Waters. To which is annexed, An Answer to Dr. Tunstal's Book, concerning the Scarbrough Spaw. With an Appendix of the Anatomy of the German-Spaw. And, lastly, Observations on the Dissection of a Woman who died of the

Jaundice. All grounded upon Reason and Experiment. By William Simpson, Dr. in Physick, and Practitioner at Wakefield in Yorkshire. London, Printed by J. D. for Richard Chiswel, at the Two Angels and Crown in Little-Britain. 1670.

8vo. 8 leaves, 159 pp. (lacks one blank leaf, pagination starting at p. 3).

A sequel to the author's "Hydrologia Chymica" written to refute Dr. Tunstal's criticism of the latter work and also of much chemical interest.

Zymologia Physica, Or a brief Philosophical Discourse of Fermentation, From a new Hypothesis of Acidum and Sulphur. Whereby The Phoenomena of ail natural HotBaths, the Generation of Minerals, the Production of many Acidulae or Spaw-waters, the Grand apparances of Heat, Fire, and Light, throughout the triplicity of Natures Dominions, in the productions of Bodies, are solv'd from the intestine duellings and inward collisions of the foresaid principles. Whereby also Varians other subterranean Phoenomena, as Damps, Earth-quakes, Eruptions &c. likewise the apparances of Meteors, &c. and divers other no less remarkable than entertaining, are from the same Doctrine of Fermentation genuinely solv'd. With an additional Discourse of the Sulphur-Bath at Knarsbrough. London, Printed by T. R. & N. T. for W. Cooper at the Pelican in Little-Britain, 1675.

8vo. 8 leaves, 149 pp., 2 leaves, 28 pp., 1 leaf.

This is an interesting book, which appears purely chemical. The author develops a theory of fermentation to explain physiological and chemical phenomena. A passage on page 2 is of interest in connection with the atomic theory: "Whereas the Corpuscularians (who are now the most recent physiologists) suppose matter under the consideration of motion and figure to be the competent elements and principles of bodies, we shah anon shew, that by the power of fermentation one part of matter mechanicall indivisible, may for ought we know be splitt and subdivided by a subtile comminution into 1000 perhaps 10000 parts." The originator of the doctrine of fermentation appears to have been van Helmont (in his "Oriatricke"). Simpson seems to have tried the experiment of mixing sulphur and nitre and to have convinced himself that mineral waters, hot springs, volcanos, earthquakes, meteors and even the occasional luminosity of the sea were all due to a mixture of these bodies with water or vapour.

Published by William Cooper the well-known publisher and collector of alchemical works.

Two Small Treatises: The First, A further Essay towards the History of this Present Fever, with its two Products the Morbus Choiera, and the Gripes. Wherein are propos'd Some Effectuai Methods for the Cure thereof, The Second, A Medico-Philosophical Analogy betwixt Vegetable and Animal Juyces, viz. Betwixt the Juyce of the Grape, with other Fermentable Liquors, and the Blood of Humane Bodies, in order to Fermentation and the right understanding of Fevers. Both humbly Offered to the Consideration of the Colledge of Physicians. London, Printed by T. H. for E. Wyer at the White Heart in St. Paul's Church-Yard. 1678.

8vo. 2 leaves + 52 pp.

SINGER (Charles).

A Short History of Science to the Nineteenth Century. Oxford, Clarendon Press. 1941.

8vo. 14 + 399 pp.

SINGER (Mrs. Dorothea Waley).

Catalogue of Latin and Vernacular Alchemical Manuscripts in Great Britain and Ireland dating from before the XVIth century by Dorothea Waley Singer assisted by Annie Anderson. Brussels, Maurice Lamertin. 1928-1931.

8vo. 3 vols. in two. I and II: 23 pp., 1 leaf, 755 pp. III: 4 leaves, pp. 759-1179.

SINGER (George John).

Elements of Electricity and Electro-Chemistry. London, Printed for Longman, Hurst, Rees, Orme and Brown . . . 1814.

8vo. 27 + 480 pp., errata leaf. With four plates.

First Edition.

Contains chapters on the chemical effects of electricity in general and the Voltaic apparatus in particular. The author was a keen student of electricity and in the laboratory which he built at his mother's house, near Cavendish Square, he gave lectures, which were attended by Faraday and Sir Francis Ronalds.

SKRIMSHIRE (Fenwick).

A Series of Popular Chymical Essays: Containing a Variety of Instances of the Application of Chymistry to the Arts and Manufactures; to the Explanation of natural Phaenomena; and other useful Purposes. In Two Volumes. London: Printed by the Philanthropic Society, St. George's Fields; And Sold by John White, Horace's Head, Fleet-Street. 1802.

12mo. Two volumes bound in one. I: xvi + 192 pp.; II: viii + 150 pp.

First Edition.

Bolton (I, 835) records only the second edition of 1804.

It is worthy of note that in the Preface the author mentions his debt to the work of Chaptal, Priestley, Saussure, Pictet, Fourcroy, St. Fond, Rumford, Kirwan, Bancroft, Saunders and Henry

but does not mention Lavoisier or Black.

SMALL (John F.).

(1) Sketches of early Scottish Alchemists: Michael Scot—King James IV—Sir George Erskine of Innertiel.

(2) Sketches of later Scottish Alchemists—John Napier of Merchiston—Robert Napier—Sir David Lindsay, First Earl of Balcarres—Patrick Ruthven—Alexander Seton—and Patrick Scot.

(3) Account of an Alchemical Roll on Parchment, presented by the Earl of Cromarty in 1707 to the Royal College of Physicians of Edinburgh. By William Moncrieff, M.D. F.R.C.P. with notes by John Small, M.A. F.S.A. Edinburgh. 1875.

4to.

Three papers from the Proceedings of the Society of Antiquaries of Scotland, 95th session, 1874-75. Vol. XI, part I.

SMITH (Edgar F.).

John Gris com 1774-1852, Chemist. Philadelphia. 1925.

8vo. 27 pp. Portrait.