

who attributes the other two tracts to Basel and Frankfurt respectively. They are obviously both printed by the same printer, probably at Frankfurt, where Dom lived. He was a disciple of Paracelsus and edited many of his works. Some of his works were reprinted in Manget's *Theatrum Chemicum*, but not the present tracts (as stated erroneously by Schmieder). For a long account of this author's interesting teachings and theories, see Lynn Thorndike (*History of Magic and Experimental Science*, vol. V, pp. 630-635).

*Congeries Paracelsicae Chymiae de Transmutationibus Metallorum, ex omnibus quae de his ab ipso scripta reperire licuit hactenus. Accessit Genealogia Mineralium, atq. metallorum omnium, eiusdem auctoris. Gerardo Dorneo interprete. Francofurti Apud Andream Wechelum. 1581.*

8vo. Pp. 277, (1, 2 blank). With publisher's device on title.

Ferguson I, 221.

Sudhoff, *Bibliogr. Paracelsica*, No. 186.

Mook, p. 78, No. 134.

This is merely a compilation from Paracelsus' writings to which Dom had added some commentaries, etc.

The book is divided into 2 sections. The first part (pp. 16-219) deals with chemical operations, the second part (pp. 220-277), which is rather theoretical, deals with metals, minerals, and chemical elements.

*Clavis Totius Philosophiae Chymisticae, Per quam potissima Philosophorum dicta reserantur. Cui accessit jam recens Artificium supernaturale. Quorum omnium. Summarium versa pagella ostendet . . . Francofurti, Excudebat Christophorus Corvinus. 1583.*

12mo. 429 pp., 13 leaves index. Three full page woodcuts of furnaces, etc.

Ferguson I, 220 (but quotes only editions of 1567 and 1594).

Schmieder, p. 321.

*Trevisanus de Chymico Miraculo quod Lapidem Philosophiae appellant. Dionys. Zecharius Gallus de eodem. Auctoritatibus varijs Principium huius artis, Democriti, Gebri, Lullii, Villanovani, confirmati & illustrati. Basileae, Ex Officina Haeredum Petri Pernae. Anno 1583.*

Sm. 8vo. Pp. (5, 1 blank), 198, (2 blank).

First Edition of this collection.

Ferguson I, 222. (The Young Collection only had the second edition of 1600).

Contains also passages by Nicolas Flamel, who is not mentioned on the title.

Bound up with 6 other tracts in 1 vol. See DE ALCHIMIA.

Another copy bound up with : VENTURA. *De Ratione conficiendi*. 1571, q.v.

*Artificii Chymistici Physici Metaphysicique, Opuscula quorum summarium versa pagella dabit. Libri Magne Ingenii acumine 30 annos scripti, auctore Gerardo Dom & nunc primum in lucem editi. s.l. Anno 1594.*

8vo. 8 leaves, 440 pp., 4 leaves.

According to Schmieder (p. 321) this is the third edition, printed at Herborn, but see Ferguson (I, 220), according to whom the book printed at Herborn is the "Clavis Philosophiae" by the same author.

Signature of Vauquelin des Yvetaux on title.

Bound with : 1. MORIENUS, *De Transfiguratione Metallorum*. 1593. q.v. 2.

TALPA, *Empiricus*. 1595. q.v. 3. BARNAUD (N.), *Commentariolum*. 1597. q.v.

*Schlüssel Der Chymistischen Philosophy: Mit welchem die heimliche und verborgene Dicta und Sprüche der Philosophen, eröffnet und auffgelijset werden. Deme das Artificium supernaturale, sampt sein zugehörigen Stücken unnd Theylen, Wie in nachfolgenden blettern Summarie zu befinden hinzu gethan worden, Anfangs durch den Ehrvesten unnd Hochgelehrten Hem Gerardum Dornaeum beider Artzney Doctorn Lateinisch beschrieben, Jetz aber durch ein Liebhaber der Edlen Philosophy in Teutsch sprach gebracht, und zu besserm Verstand mit etlichen Fragen gemehret. Strassburg, In Verlegung Lazari Zetzneri Buchhändlers. Anno 1602.*

8vo. 8 leaves, 414 pp., 8 leaves index. Title printed in red and black, four woodcuts of chemical apparatus.

Ferguson I, 220.

#### DORTMANN (Nicolaus).

*Libri duo. De causis & effectibus Thermarum Belilucanarum parvo intervallo a Monspelensi urbe distantium. Lugduni, Apud Carolum Pesnot. 1579.*

8vo. 8 leaves, 218 pp., 19 leaves. One folding plate.

Joeger II, 201.

#### DOSSIE (Robert).

*The Laboratory laid open, Or, The Secrets of Modern Chemistry and Pharmacy Revealed : Containing many Particulars extremely necessary to be known to ail Practitioners in Medicine. London, Printed for J. Nourse at the Lamb opposite Katherine-Street in the Strand. 1758.*

8vo. Pp. (2), xi, (3), 375, (9).

First Edition.

Ferguson I, 222 (the Young Collection only had the German translation of 1783).

Bolton I, 405.

Kopp, *Gesch. d. Chemie* II, 131. III, 244, 306.

Kopp says that Dossie first described in this work how to make sulphuric acid from sulphur on a commercial scale.

A French translation of this book, unknown to Ferguson, appeared under the title of "Les Secrets & Fraudes de la Chymie & de la Pharmacie modernes dévoilés," La Haye 1759. 8vo. 370 pp. (Spielmann, *Instituts de Chimie*, II, 344).

Bookplate J. W. Mellor.

*The Handmaid to the Arts, teaching I. A perfect knowledge of the Materia Pictoria . . . II. The several devices employed for the more easily and accurately making designs from nature or depicted representations . . . III. The various manners of gilding, silvering and bronzing with the preparation of the genuine gold and silver powders . . . the whole being calculated as well for conveying a more accurate and extensive knowledge of the matters treated of to artists, as to initiate those who are desirous to attempt these arts into the method of preparing and using ail the colours, and other substances employed in painting in ail, miniature, enamel, varnish and fresco, as also in gilding, etc. London, Printed for J. Nourse at the Lamb opposite Katherine Street in the Strand. 1758.*

8vo. 2 vols. 1 : 32 + 448 pp., 7 leaves index. II : 28 H- 448 pp., 5 leaves index + 1 leaf advertisements.

## DRAPER (John William).

Scientific Memoirs : being Experimental Contributions to a knowledge of radiant energy. London, Sampson, Low, Marston, Searle & Rivington. 1878.

8vo. 473 pp. Portrait.

## DREBBEL (Cornelius).

Tractatus Duo : Prior De Natura Elementorum, quomodo venti, pluvie, fulgura, tonitrua, ex iis producantur, & quibus serviant usibus. Posterior De Quinta Essentia, ejus viribus, usu, & quomoda ea ex mineralibus, metallis, vegetabilibus & animalibus extrahenda. Editi cura Joachimi Morsi. Accedit ejusdem Epistola ad sapientissimum Britanniae Monarchum Iacobum, De Perpetui Mobilis inventione. Hamburgi, impensis Henrici Carstens. 1621.

Sm. 8vo. Pp. (94).

First Latin Edition.

Ferguson I, 224 (no copy in Young Collection).  
Caillet 11007.

With many poems in honour of the editor.

The author made some important discoveries in connection with dyeing scarlet. See the thesis " Cornelis Drebbel," by Gerrit Tierie, Amsterdam 1932. In the first part of the present work the nature and formation of the wind are dealt with. It should also be noted that at the end there is a letter by the author to King James I on perpetual motion.

The book was later incorporated in the collection " Divers Traitez," q.v.

Bound up with 6 other tracts in 1 vol. See : DE ALCHIMIA.

Tractatus Duo. I. De Natura Elementorum. II. De Quinta Essentia. Accedit his de Mobilis Perpetui Inventione Epistola lectu dignissima. E Belgico idiomate in Latinum vertit D. Petrus Laurembergius, Professor in Athenaeo Hamburgensi. (Geneva), Typis & sumpt. Ioan. de Tournes. 1628.

12mo. 70 pp. +1 blank leaf.

Bound with : PLEIER (C.). Medicus Criticus Astrologus, q.v.

Kort Begrip der Hoofdstoffelyke Natuurkunde, of Inleiding tot de Kennis der Eigenschappen van de vier Elementen, als : De Aarde, de Lugt, 't Water en Vuur ; Vervattende Den oorsprong van Donder, Blixem, Hitte, Koude, Wind, Regen, Sneeuw, etc. hunne uitwerkingen en nuttigheden. Door Cornelis Drebbel. In zyn lev en A.L.M. Philos. Math. et Phys. Doct. te Alkmaar, en Uitvinder der Zamengestelde Microscoopen. Vermeerderd met des Auteurs leven en een ophelderende Kunstplaat. Te Amsterdam, by P. G. Geysbeek, en L. Groenewoud. (1702 ?).

12mo. Engraved frontispiece, 24 pp. 108 pp. (pagination starts at p. 3), 1 plate at p. 28.

Ferguson (I, 223) gives full details about this interesting book which contains both treatises left by the author. This edition is undated and probably identical with the Dutch edition mentioned by Ferguson and dated by him 1702. The life of the author occupies the first eight pages.

## DREY.

Drey Curieuse Chymische Tractätlein, betittelt : Ambrosii Müllers, Paradeis-Spiegel, darin zu besehen die heichste Medicin, Gold und Menschen daniit zu çuriren. Der

Teutschen Schützen-Hoff, so der allererste Philosophus Adam, unser aller Vater ausschreiben und ausruffen lassen, an aile Schützè so Lust nach der Scheibe zu schiessen haben. Beschreibung des grossen Geheimnisses des Stemm der Weisen, als der von Gott erbethenen und erhaltenen Weissheit des Königs Salomonis. Von emen Q.J.R.V.M.D. Franckfurt und Leipzig, In Verlegung, Christian Liebezeits. Lauenburg, Gedruckt bey Christian Albrecht Pfeiffer. 1704.

8vo. Pp. 128, 60, 16. With 2 folding plates. (The 4 plates illustrating the first tract are missing).

Ferguson I, 225-26.

## DREY.

Drey Curieuse Chymische Tractätlein, Das Erste, betitult : Güldene Rose, das ist einfältige Beschreibung des allergrössesten, von dem Allmächtigsten Schöpffer Himels und der Erden Jehovah in die Natur gelegten, und dessen Freunden und Auserwehnten zugetheilten Geheimnisses, als Spiegels der Göttlichen und Natürlichen Weissheit. Das Ander Brunn der Weissheit und Erkänntnis der Natur, von einem unvergleichlichen Philosopho gegraben. Das Dritte Blut der Natur, oder : Entdeckung des allerheimsten Schatzes derer Weisen, seyende nichts anders, als der rothe Lebens-Safft davon aile Geschöpfe nach dem Willen des Allmächtigen herstamen, erhalten und fortgeplantzet werden. Franckfurt und Leipzig. 1706.

8vo. Pp. 70 (frontispiece lacking). Pp. 45. With " owl " frontispiece. Pp. 77 (3 blank).

First Edition of this collection which was reprinted in 1767 and 1774.

Ferguson I, 226 (the Young Collection only had a fragment containing the first tract).

Caillet 3252.

Gardner, Bibl. Rosicruc., 333.

Bolton I, 976 only gives the latter edition.

The three tracts contained in this collection each have a separate title and pagination, preceded by a general title, printed in red and black. They are :

1° Güldene Rose . . . ans Licht gebracht durch J.R.V.M.D.

2° Brunnen der Weissheit . . . durch Anonymum von Schwartzfuss.

3° Das Blut der Natur . . . von Anonymus von Schwartzfuss.

Another copy of the 2nd tract is to be found bound up with (Göldner), Fegfeuer, 1702, q.v.

## DROYN (Gabriel).

Le Royal Syrop De Pommes, Antidote des Passions Mélancholiques. A Paris, Chez Jean Moreau, rue saint Jacques à la Croix blanche. 1615.

8vo. 4 leaves, 152 pp.

First Edition of a rare work. It is chiefly pharmacological, there are chapters " aux Philosophes Métalliques," " aux Spagyriques," " première origine des fontaines minérales," " de la diversité des sources vitrioles," " les vertues des sources tièdes," " aux Composeurs," etc. etc. The book is not recorded by the chemical historians and bibliographers, but see Vicaire, " Bibl. Gastronomique " (p. 287).

## DUBUISSON, ancien maître distillateur.

L'Art du Distillateur et Marchand de Liqueurs, considerées comme Alimens médicamenteux. Paris, Chez l'Auteur vis à vis l'Imprimerie du Parlement, rue Mignon, M. Dubuisson Fils . . . M. Cusin . . . 1779.

8vo. 2 vols. I : 16 + 448 pp. II : Half-title, title, 370 pp., 1 leaf.

Unknown to the bibliographers.

The first chapter, pp. 1-78, contains a criticism of the work by Demachy.  
The British Museum has the second edition, published in 1803.

#### DUCHANOY.

Essais sur l'Art d'Imiter les Eaux Minérales ou de la Connoissance des Eaux Minérales et de la manière de se les procurer, en les composant soi-même, dans tous les tems et dans tous les lieux. A Paris, Chez Méquignon l'ainé, Libraire, rue des Cordeliers, vis-à-vis S. Corne. 1780.

12mo. 4 leaves, 29+402 pp., 2 leaves. 1 engraved plate.

An interesting work which is almost entirely devoted to chemistry and its application to the manufacture of "ersatz" mineral waters.

#### [DUCHANTEAU].

Le Grand Livre de la Nature, ou L'Apocalypse Philosophique et Hermétique. Ouvrage Curieux, dans lequel on traite de la Philosophie Occulte, de l'intelligence des hieroglyphes des anciens, de la Société des Frères de la Rose Croix, de la transmutation des métaux et de la communication de l'homme avec des êtres supérieurs et intermédiaires entre lui et le grand architecte. Vu par une Société de Ph. . . . Inc. . . . & publié par D. . . . Depuis I, jusqu'à l'an 1790. Au Midi, et de l'Imprimerie de la Vérité.

8vo. 115 pp.

Ferguson I, 195.

A curious allegorical account of initiation and transmutation.

#### DUCLO (Gaston).

Apologia Chrysopoeiae et Argyropoeiae, Adversus Thomam Erastum, Doctorem & Professorem Medicinae : In qua disputatur & docetur, An, Quid, & Quomodo sit Chrysopoeia & Argyropoeia. Authore Gastone Dulcone siue Claveo, subpraeside Niuernensi. Cum nouo & recenter primùm edito eiusdem authoris in fine huius Apologiae olim promisso opere, magis abstruso & maiori admiratione digno, omniumq. vtilissimo, De triplici Auri et Argenti praeparatione. (Vignette). Vrsellis (Ober-Ursel), Excudebat Cornelius Sutorius. Anno 1602.

8vo. Pp. (16), 267, (1, 2 blank). With publisher's device at the end.

Ferguson I, 227 (no copy in the Young Collection).

The author's name is also given as Gaston Dulco Claveus, or Gaston de Clave called Dulco or Le Doux. His "Apologia Chrysopoeiae" is written against Thomas Erastus' attack on Paracelsus. It first appeared at Nevers in 1590. This edition is preceded by a dedication-letter of the publisher, which is followed by a preface by Bernardus Georgius Penotus.

Le Filet D'Ariadne Pour Entrer Avec seureté dans le Labirinte de la Philosophie Hermetique. A Paris, Chez Laurent D'Houry, rue S. Jacques, devant la fontaine Saint Severin, au Saint Esprit. 1695.

See under : FILET, on p. 217.

Traité Philosophique de la Triple Préparation de l'Or et de l'Argent, par Gaston Le Doux, dit de Claves, Amateur des Vérités Hermétiques. A Paris, Chez Laurent

d'Houry, rue Saint Jacques devant la fontaine Saint Severin, au Saint Esprit. 1695.

8vo. 119 pp.

Ferguson (I, 211 and 227) does not mention this French edition, which is recorded by Schmieder (p. 297).

I have another copy of this work, bound with : Salmon (W.), Dictionnaire Hermétique, 1635, q.v.

#### DU CLOS (Samuel, Cottereau, Sieur).

Observations sur les Eaux Minérales de Plusieurs Provinces de France Faites en l'Académie Royale des Sciences en l'année 1670 & 1671 par le Sieur Du Clos, Conseiller et Médecin ordinaire du Roi, de ladite Académie. (Paris), De l'Imprimerie Royale. 1675.

12mo. 203 pp. +4 leaves. Vignette on title and at end.

First Edition.

Poggendorff I, 610.

This work contains many interesting details referring to the chemistry of the waters of various places which are listed and described.

#### DUDLEY.

Dud Dudley's Metallum Martis or, Iron Made with Pit-Coale, Sea-Coale, etc. and with the same Fuell Melt and Fine Imperfect Mettals, and Refine Perfect Mettals. London, Printed by T. M. for the author. 1665. (Reprinted London, 1854).

4to. 9 leaves, 40 pp., 30 pp., 119 pp. 2 folding plates.

Contains also reprints of two other works, "Metallica" by Simon Sturtevant (1612) and Rovenson (1613).

#### [DUFOURNEL].

La Nature Dévoilée, ou Théorie de la Nature. Dans laquelle on démontre, par une analyse exacte de ses opérations, comment & de quoi toutes choses prennent naissance, comment elles se conservent, se détruisent & se réduisent de nouveau en leur essence primordiale. Tome Premier (Tome Second). A Paris, Chez Edme, Libraire, rue Saint-Jean-de-Beauvais. 1772. Avec Approbation & Privilège du Roi.

Sm. 8vo. 2 vols. I. Pp. (1, 1 blank), iv, 377, (1). II. Pp. 304.

First Edition.

See Ferguson (I, 470) who had not seen this book.

Cailet 3332.

This is an adaptation or modified translation of Kirchweger's "Aurea Catena Homeri."

#### DUFRESNE (Pierre Jean Esnault).

Theoria Gasorum, Quam Deo duce & Auspice Deipara, in Augustissimo Ludoviceo Medico Monspeliensi, tueri conabitur. Auctor Petrus-Joannes Esnault Dufresne, Andegavus, in praeclara Universitate Andegavensi Liberalium Artium Magister, saluberrimae Facultatis Medicinae Andegavensis, nec-non Parisiensis Alumnus, die Januarii anno 1788. Pro prima Apollinari laurea consequenda.

4to. 15 pp.

Mentions Lavoisier, Black, Cavendish, Stahl, Scheele, etc.

DU HAMEL (Jean Baptiste).

De Consensu Veteris et Novae Philosophiae Libri Duo. In Priori Libro Platonis, Aristotelis, Epicuri, Cartesii, & aliorum de Principiis rerum naturalium placita excutiuntur, ac Physica generalis penè tota pertractatur. In Posteriori agitur de Elementis, Chymicorum Principiis, necnon de mixtione, & dissolutione corporum, ubi Chymia ferè universa explicatur. Parisiis, Apud Carolum Savreux, insignis Ecclesiae Parisiensis Typog. in atrio Templi B.M. sub insigni trium Virtutum. 1663.

4to. Pp. (28), 280. With the full-page engraved arms of Archbishop Hardouin de Pérèfixe, to whom the book is dedicated, a full-page woodcut of the Cartesian system at p. 157, and the printer's mark on title.

First Edition.

A rare work. The author, counsellor and almoner of King Louis XIV, was member of the Academy of Sciences. He was born about 1624 and died in 1706.

De Consensu Veteris et Novae Philosophiae Libri Quatuor. Seu Promotae Per Experimenta Philosophiae. Editio nova multo auctior et emendatior. Rothomagi (Rouen), Apud Jacobum Lucas, in vico Judeorum, ad insigne globorum. 1675.

12mo. 12 leaves, 572 pp., errata leaf.

Book IV (from p. 451 onwards) is entitled " De Principiis Chymicorum." Unknown to the bibliographers.

DUHEM (Pierre).

La Chimie est-elle une science française ? Paris, Librairie Scientifique A. Hermann & fils. 1916.

8vo. Half-title, title, 186 pp., 1 kat.

DUJARDIN (J.)

Recherches Rétrospectives sur l'Art de la Distillation. Historique de l'Alcool de l'Alambic et de l'Alcoométrie. A Paris, Chez l'auteur . . . 1900.

8vo. 16 +236 pp. Illustrated.

DUMAS (Jean-Baptiste).

Mémoire sur les Substances Végétales qui se rapprochent du Camphre, et sur quelques Huiles Essentielles. Thèse soutenue devant la Faculté des Sciences, Académie de Paris, le 11 Juillet 1832. Paris. 1832.

8vo. 22 pp.

Bolton, section **VIII**, p. 89.

Maire, Catalogue des thèses, p. 7.

The thesis of the famous chemist with autograph presentation inscription to A. de Jussieu on front wrapper.

J. B. Dumas was one of the foremost chemists of his day. His researches in Organic Chemistry were especially important and he published masterly papers on the ethers, alkaloids and indigo. He was also responsible for the classical method of determining vapour densities and the nitrogen content of organic compounds.

Leçons sur la Philosophie Chimique professées au Collège de France, par M. Dumas, recueillies par M. Binau. Paris, Bechet Jeune, Libraire de la Faculté de Médecine, Place de l'Ecole de Médecine, 4. 1837.

8vo. Pp. (4), 430.

First Edition.

Kopp, Gesch. d. Chemie, I, 427.

Bolton **I**, 415.

Caillet 3359 : " Ouvrage curieux."

This book contains the author's lectures on the history of chemistry given at the Collège de France in 1836.

" This work well illustrates the singular lack of accuracy on the part of French historians of chemistry. The author, writing of Priestley, names Sheefield (Sheffield) ; Mitt-Hill (Mill-Hill) ; Waringthon (Warrington) ; Susqueannah (Susquehanna) ; he says Priestley sought in America the hospitality of Peaux-rouges I And he adds : Priestley was poisoned at a meal with his entire family by an accident never explained. No one, however, succumbed except himself.' This wholly fictitious statement has been copied by French authors again and again, so that it now forms an ineradicable part of French biographical sketches of the English chemist. \_See Chem. News, Feb. 14, 1890, p. 84." (Bolton).

Traité de Chimie Appliquée aux Arts. Paris, Chez Bechet Jeune . . . et à Bruxelles . . . 1828-1846.

8vo. 8 vols. text and a folio Atlas containing 147 plates and 91 pp. explanatory text.

Bolton **I**, 416.

DUNCAN (Daniel).

La Chymie Naturelle ou l'Explication Chymique et Mécanique de la Nourriture de l'Animal. Par Daniel Duncan, Docteur en Médecine de la Faculté de Montpellier. Imprimé à Montauban, & se vendent à Paris, Chez Laurent d'Houry, rue Saint Jacques, au Saint-Esprit. 1683. Avec Approbation & Privilège du Roy.

Sm. 8vo. Pp. (32), 339, (1 blank).

Caillet (3384) describes this edition, but with the date of 1682. The copy described in the Catalogue of the Falconet Collection, 1763 (item 8065) is also dated 1682.

A second and third parts appeared in 1687.

A rare and early tract on the chemistry of food by an author of whom we know little. Zanichelli speaks well of his ability (" De Ferro," Venice 1719, p. 3, q.v.). See also

DUPASQUIER (Alphonse).

Des Eaux de Source et des Eaux de Rivière comparées sous le double rapport hygiénique et industriel et spécialement des Eaux de Source de la Rive Gauche de la Saône, près Lyon, Etudiées dans leur composition et leurs propriétés comparativement à l'Eau du Rhône. Paris and Lyon. 1840.

8vo. 3 leaves, 13+406 pp., folding map.

DUPORTAL (Antoine Simon).

De l'Application de la Chimie à quelques points de l'Hygiène. Essai présenté à l'Ecole de Médecine de Montpellier le troisième jour complémentaire, an 6. Par Antoine