

## DACHSELT (Michael).

Diatribes Physicae de Virunculis Metallicis, quam D.O.M.A. in Illustri Salana Praeside Viro Amplissimo, Excellentissimo, ac Praeclarissimo Dn. Casparo Posnero, Philos. Natural. Prof. Publ. Ordin. Celeberrimo, Patrono, Promotore, ac Praeceptore suo omni honoris ac observantiae cultu maxime devenerando, publice ventilandam exhibet Michael Dachselt Freiberga Hermund. Auctor & Respondens. In Auditorio Philosophorum ad diem 9 Augusti, H. S. Jenae Literis Krebsianis. Anno 1662.

4to. Pp. (32).

A curious thesis on gnomes and subterranean ghosts, containing quotations from L. Lavater, Olaus Magnus, G. Agricola, M. Psellus, Weir, Del Rio, C. Schott, P. Tyraeus and especially from Paracelsus ; these latter are not recorded by Sudhoff.

## DACQUET (Gabriel).

Quaestio Medica Cardinalitii Disputationibus Mane Discutienda in Scholis Medicorum die Jovis xxii. Martii. M. Claudio Germain, Doctore Medico, Praeside. Potuitne hactenus ulla Praeparatione Antimonium emendari ? (Paris). 1668.

4to. 4 leaves (the last of which is blank).

Very rare thesis on antimony presented to the faculty of Medicine of Paris under the presidency of Claude Germain, the author of "Icon Philosophiae Occultae" and "Orthodoxe ou Abus de l'Antimoine."

## DALTON (John).

Various Extracts from Memoirs of the Literary and Philosophical Society, Manchester, bound in one volume.

8vo.

The volume contains the following papers :

1. Experimental Essays on the Constitution of Mixed Gases, on the force of steam or vapour from water and other liquids in different temperatures, both in a Torricellian Vacuum and in Air, on Evaporation and on the expansion of gases by heat. Vol. V, pt. 2. 1802.
2. Experimental Enquiry into the proportion of the several gases or elastic fluids, constituting the atmosphere. Series 2, vol. I. 1805.
3. On the tendency of elastic fluids to Diffusion through each other. Series 2, vol. I. 1805.
4. On the absorption of gases by water and other liquids. Series 2, vol. I. 1805.
5. An Essay on the theory of mixed gases, and the state of water in the atmosphere, by John Gough. Series 2, vol. I. 1805.
6. A Reply to Mr. Dalton's objections to a late theory of mixed gases in a letter from the author to Dr. Dalton, by Mr. John Gough. Series 2, vol. I. 1805.
7. Remarks on Mr. Gough's two essays on the doctrine of mixed gases and on Professor Schmidt's experiments on the expansion of dry and moist air by heat. Series 2, vol. I. 1805.

On the Absorption of Gases by Water and other Liquids. Manchester, Printed by S. Russell, Deansgate. 1805.

8vo. Pp. 19, (1 blank). With 3 plates.

This is a reprint from the "Memoirs of the Manchester Literary and Philosophical Society." A most important paper, containing the first table of atomic weights. According to a handwritten note the paper was read on October 23rd, 1803.

A New System of Chemical Philosophy. Part I. Manchester, Printed by S. Russell, 125 Deansgate, for R. Bickerstaff, Strand, London, 1808. Part H. Manchester, printed by Russell & Allen, Deansgate, for R. Bickerstaff, Strand, London. 1810. Part First of Vol. II. Manchester, Printed by the Executors of S. Russell for George Wilson, Essex Street, Strand, London. 1827.

I : 6 pp., leaf of contents, pp. 1-220, 4 plates. II : 4 leaves, pp. 221-560, 4 plates. III : 12 + 357 pp., 1 advertisement leaf. Volume III has a half-title, but volumes I and II were issued without one.

First Edition.

Bolton I, 386-87 (first two parts only).

One of the great classics of chemistry in which the atomic theory is first established. This is the complete set and all that was ever published, it has the rare third volume published seventeen years after the second, and which is very frequently missing.

On the Phosphates and Arseniates.

Title, 21 pp., 1 plate.

and :

On Microcosmic Salt. Followed by : Essay on the Quantity of Acids, Bases and Water in the different varieties of salts, with a new method of measuring the water of crystallization, as well as the Acids and Bases.

14 pp.

and :

A new and easy method of analysing sugar. Manchester, John Harrison, Printer, Market Street, 1840.

10 pp.

8vo. These four papers were issued together in this form under one title-page mentioning only the first. This first paper had been rejected by the Royal Society. For a more detailed account of this volume see Smith (Memoir of Dalton, 1856, pp. 273 ff.).

BROCKBANK (E. M.).

John Dalton, some unpublished letters of personal and scientific interest with additional information about his colour-vision and atomic theories. Manchester University Press. 1944.

8vo. 62 pp., portrait and 3 plates.

HENRY (William Charles).

Memoirs of the Life and Scientific Researches of John Dalton. London, Printed for the Cavendish Society. 1854.

8vo. 15 249 pp. 7 leaves (list of books by Dalton and report of the anniversary meeting of the Cavendish Society), portrait and plate of facsimiles.

MELDRUM (Andrew N.).

Avogadro and Dalton. The Standing in Chemistry of their Hypotheses. With a preface by Francis R. Japp. Edinburgh, William F. Clay. 1904.

8vo. 113 pp.

From the library of Professor A. Smithells.

SMITH (Robt. Angus).

Memoir of John Dalton and History of the Atomic Theory up to his time. London, H. Bailliere. 1856.

8vo. 8 + 298 pp. Portrait.

Presentation copy from the author.

DANIELL (John Frederic).

An Introduction to the Study of Chemical Philosophy being a Preparatory View of the Forces which concur to the production of Chemical Phenomena. By J. Frederic Daniell, For. Sec. R.S. ; Professor of Chemistry in King's College, London ; Lecturer on Chemistry and Geology in the Hon. East India Company's Military Seminary at Addiscombe ; and Author of " Meteorological Essays." The Second Edition, revised and enlarged. London, John W. Parker, West Strand. 1843.

8vo. Pp. xvi, 764. With numerous woodcuts.

Bolton I, 388 (only quotes the first edition).

This is the second and last edition of a work called " the most original book on the subject published at this period " by the D.N.B. The first edition, which has 565 pages only, appeared in 1839.

DAQUIN (Joseph).

Des Eaux Thermales d'Aix dans le Département du Mont-Blanc, de leurs vertus médicales, des maladies où elles conviennent, de celles où elles ne conviennent pas et de la méthode d'user de ces eaux dans les différens cas. Seconde édition, revue et augmentée d'un grand nombre d'observations relatives à leurs propriétés. A Chambéry, Chez P. Cleaz, Rue St. Antoine no. 162, an 1808.

8vo. 67 + 369 pp., errata leaf.

D'ARCET (Jean).

Mémoire sur l'Action d'un Feu égal, violent, et continué pendant plusieurs jours sur un grand nombre de Terres, de Pierres & de Chaux Métalliques essayées pour la plupart telles qu'elles sortent du sein de la Terre. Lu à l'Académie Royale des Sciences les 16 & 28 Mai 1766. Par M. d'Arcet, Docteur Régent de la Faculté de Médecine de Paris. A Paris, Chez P. G. Cavelier, Libraire, rue Saint Jacques, au Lys d'or. 1766.

8vo. 122 pp.

Ferguson I, 40.

Bolton I, 388 (gives wrong collation).

The rise of the glass and pottery manufacture in France was largely indebted to this book, and in addition to being the first to make porcelain in France the author was the first to show the combustibility of the diamond.

## DARIOT (Claude).

Aurei Velleris Oder Der Guldin Schatz : und Kunstammer Tractatus Quartus. Philosophischer und Spagyrischer Geschrifften, Alter unnd Neuwer Philosophorum, Medicorum und Spagyrorum. Deren Cathalogus gleich nach der Vorrede zu finden. Mit Römischer Keyserlicher Majestät Gnad und Freyheit. Getruckt zu Basel, durch Janum Exertier, Anno 1604.

4w. 4 leaves (one blank included), 303 pp. (lacks pp. 3-6).

This is part II only. See Ferguson (I, 198), who gives a full list of the tracts contained in this volume. He only knew of the edition of 1614, which was in the Young Collection. The present edition is dated 1604 and made up in the same way, but has on the title a vignette of ornaments only, and not one of the ark and deluge as mentioned by Ferguson.

## DARMSTAEDTER (Ernst).

Die Alchemie des Geber. Übersetzt und erklärt von Dr. Ernst Darmstaedter. Mit 10 Lichtdrucktafeln. Berlin, Verlag von Julius Springer. 1922.

8vo. Pp. viii, (2), 202, (4). With 10 plates.

A German translation of Geber's works, preceded by bibliographical notes and followed by very important explanatory notes.

## [DAUBENTON (Louis Jean Marie)].

Tableau Méthodique des Minéraux, suivant leurs différentes Natures et avec des caractères distinctifs apparens ou faciles à reconnaître. Premier (—Troisième Ordre). Paris, Desmonville. 1784.

8vo. 36 leaves, printed on recto only.

A rare work, the pages of which, being printed on one side only, were presumably intended to be stuck on boards and made up into large tables.

## ■ DAUBENY (Charles, M.D., F.R.S.).

An Introduction to the Atomic Theory, comprising a sketch of the opinions entertained by the most distinguished ancient and modern philosophers with respect to constitution of matter. Oxford, Printed by S. Collingwood, Printer to the University for John Murray, Albemarle Street, London. 1831.

8vo. 15 + 147 pp.

First Edition.  
Bolton I, 103.

The first history of the atomic theory, dedicated to John Dalton and containing a table of atomic weights at the end. On pp. 134-137 a letter from Dalton on the subject.

## DAVIS SON (William).

Philosophia Pyrotechnica, seu Curriculum Chymiatricus nobilissima illa & exoptatissima Medicinæ parte pyrotechnica instructus . . . Parisiis. Apud Joannem Bessin, prope Collegium Remenes. 1635.

8vo. 8 leaves (the first blank), engraved plate (Emblemata totius Operis), pp. 1-14, 2 leaves ; Pars Secunda pp. 15-208, 12 leaves, engraved plate (Diagramma totius Naturæ), pp. 209-393, two plates ; Pars Tertia 3 leaves, pp. 3-42, a folded table ; Pars Quarta 7 leaves, pp. 3-178, errata leaf.

First Edition.

Ferguson I, 201 (but there was no edition in the Young collection). The author, though born in Scotland, was Professor of Chemistry at the Jardin du Roi, Paris, in 1606, and said to be the first in France. On Davisson and the present work see Read (Humour and Humanism in Chemistry, Pp. 88 et seq.).

Les Élémens de la Philosophie de l'Art du Feu ou Chémie. Contenant les plus belles observations qui se rencontrent dans la résolution, préparation, & exhibition des Végétaux, Animaux, & Minéraux, & les remèdes contre toutes les maladies du corps humain, comme aussi la Métallique, appliquée à la Théorie, par vne vérité fondée sur vne nécessité Géométrique, & démontrée à la manière d'Euclide. Oeuure nouvelle, & très-nécessaire à tous ceux qui se proposent ietter de bons fondemens pour apprendre la Philosophie, Médecine, Chirurgie, & Pharmacie. Traduit du Latin du sieur Dauissone, Escuyer, Conseiller, Médecin du Roy, & Intendant de la Maison & Jardin Royal des Plantes Médecinales, au Fauxbourg S. Victor, à Paris. Par Jean Hellot, Maître Chirurgien à Paris. A Paris, Chez François Piot, ruë de S. Jean de Latran, proche la Fontaine S. Benoist. 1651. Avec Priuilege du Roy.

8vo. Pp. (18), 1-54, 6, (8), 55-677, (3 blank). With 5 plates, T. Couvay fec. and 1 folding table.

First Edition of the French translation by Hellot.

Ferguson (I, 201) only quotes the 1657 edition of this translation. There was no copy of this book in the Young Collection.

Bolton I, 389.

Caillet 2832.

"In the fourth part of this work the author treats of crystallography in a scientific way, being the earliest to do so." (Bolton).

One plate is missing from this copy.

Commentariorum in sublimis Philosophi & incomparabilis viri Petri Severini Dani Ideam Medicinæ Philosophicæ, Propediem proditorum Prodromus. In quo Platonice doctrinæ explicantur fundamenta, super quæ Hippocrates, Paracelsus & Severinus : nec non ex antithesi, Aristoteles & Galenus sua stabilivere Dogmata. Sub finem Authoris doctrina, febrium exemplo, in praxim reducitur. Hisce selectiorum. Chemicorum remediorum, omnibus a Capite ad Calcem affectibus appropriatorum, 40 annorum usu probatorum, sine fuco & jactantia descriptorum, manipulus adjicitur . . . Hagæ-Comitis, Ex Typographia Adriani Vlacq. 1660.

4to. Pp. (12), 708. With one folding table, one folding plate, 2 full page engravings in the text, and one engraved vignette.

First Edition.

Ferguson I, 201 (no copy in Young Collection).

The second part of the book, called : "Totius Operis Adumbratio," begins at p. 539 and has its own title-page.

Commentaria in Idæam Medicinæ Philosophicæ Petri Severini Dani, Medici incomparabilis & Philosophi sublimis : Ad faciorem difficultatem enodationem, quæ in ipso, propter Lectoris in Philosophia Veterum parum forsitan versati defectum, apparere videntur, aditum præbentia . . . Hagæ-Comitis, Ex Typographia Adriani Vlacq. 1663.

4to. Pp. 259, (1 blank).

First Edition.

Ferguson I, 200-201,

DAVY (Edmund).

On some combinations of Platinum. Communicated by F. Babington, M.D., F.R.S. Read February 17, 1820 (Extract from the Philosophical Transactions, pp. 108-125).

4to

The author was the cousin of Sir Humphry Davy.

DAVY (Sir Humphry).

Researches Chemical and Philosophical, chiefly concerning Nitrous Oxide, or Dephlogisticated Nitrous Air and its Respiration. London, Printed for J. Johnson, St. Pauls Churchyard by Biggs and Cottle, Bristol. 1800.

8vo. 16 pp., 1 leaf, 580 pp., 1 leaf. One plate.

First edition.

Excessively rare. The great chemist's first important work and a major work in the history of Anaesthesia. Two writers in the Anaesthesia number of the B.M.J. (12.x.46) have stressed its importance. "The starting point in the history of inhalation anaesthesia is the fact that Sir Humphry Davy breathed nitrous oxide in the pure state in 1799 . . . He suggested that the gas might probably be used with advantage during surgical operations in which no great effusion of blood takes place." (E. Ashmore Underwood). "Perhaps the first made gas inhaler was the one which James Watt, renowned engineer, constructed for Humphry Davy in 1799" (A. Charles King). The plate in the present work depicts this apparatus. Division II pages 497-559, contains interesting descriptions by some masters of verbal expression such as Southey, Coleridge, Priestley and Josiah Wedgwood of their personal reactions to nitrous oxide.

A Discourse, introductory to a Course of Lectures on Chemistry, delivered in the Theatre of the Royal Institution on the 21st of January, 1802. London, Sold at the House of the Royal Institution, Albemarle Street . . . 1802.

8vo. 26 pp.

Bolton I, 391.

After having become lecturer at the Royal Institution in 1801, Davy opened the 1802 session with this interesting paper. It is extremely modern in its outlook and deals with the place of science in society. Science is described by him as "an agent in the improvement of society" and the application of science to industry, agriculture and medicine is discussed.

A Syllabus of a Course of Lectures on Chemistry delivered at the Royal Institution of Great Britain. London, from the Press of the Royal Institution . . . 1802.

8vo. 3 leaves + 91 pp.

A scarce work consisting of three parts, Chemistry of Ponderable Substances, Chemistry of Imponderable Substances (Heat, Light, Electrical Influences and Galvanism) and Chemistry of the Arts. It is of special importance in connection with the classification of elements which is here "founded rather upon facts than analogies."

Elements of Chemical Philosophy. By Sir Humphry Davy, LL.D., Sec. R.S., Prof. Chem.R.I. and B.A., M.R.I., F.R.S.E., M.R.I.A., Member of the Royal Academy of Stockholm; of the Imperial Med. and Chir. Academy of St. Petersburg; of the American Philosophical Society; and Honorary Member of the Societies of Dublin, Manchester, the Physical Society of Edinburgh, and the Medical Society of London. Part I, Vol. I. London, Printed for J. Johnson and Co., St. Paul's Church-Yard. 1812,

8vo. Pp. xiv, (1, 1 blank), 511, (1 blank, 3, 1 blank). With 12 plates, Lowry sculp.

First Edition (all published).

Bolton I, 390.

One of the earliest connected treatises on physical chemistry, as known at the date of publication and incorporating the results of the important discoveries made by the author. These include a description of fluor spar, the origin of fluoric compounds, the naming of hydrofluoric acid, and a modification of Lavoisier's classification of the elements. Pp. 1-60 contain an interesting "Historical View of the Progress of Chemistry" and the last 27 pp. "On the Analogies between the undecomposed Substances. Speculations respecting their Nature on the Modes of separating them, and on the Relations of their Compounds." (Zeitlinger).

PARIS (John Ayrton).

The Life of Sir Humphry Davy, Bt., LL.D. London, Henry Colburn and Richard Bentley, New Burlington Street. 1831.

4to. 15 + 547 pp. Portrait.

The Collected Works of Sir Humphry Davy, edited by his brother John Davy, M.D., F.R.S. London, Smith Elder and Co., Cornhill. 1839-1840.

8vo. Nine volumes. Portrait and plates.

Bolton I, 391-2.

The first volume contains the Memoirs of his Life by his brother.

DE ALCHIMIA.

A volume entitled on the back as above and containing 7 alchemical tracts as detailed hereafter.

Sm. 8vo. With book-plate of Thomas South and autograph of A. J. & M. Atwood, 1859.

Contains:

Nollius. De re literaria. 1636.

Nollius. Via Sapientiae Triuna. (1620).

Suchten. Tractatus de vera medicina. 1621.

Drebbel. Tractatus duo. 1621.

Dom. Trevisanus de Chymico Miraculo etc. 1583.

Ripley. Opera omnia chemica. 1649.

Tractatus aliquot chemici singulares. 1647.

For details see under the different titles.

Scott-Elliott Sale, item 1044.

DECREMPS (Henri).

Diagrammes Chimiques, ou Recueil de 360 Figures (sur 112 Planches) qui expliquent succinctement les expériences par l'indication des agens et des produits a coté de l'appareil, et qui rendent sensible la théorie des phénomènes, en représentant le jeu des attractions par la convergence des lignes. . . . Ouvrage élémentaire auquel on a ajouté, pour les étrangers, un Essai de nomenclature chimique en six langues et, pour les commençans, 1° un Vocabulaire contenant l'étymologie et la définition des mots techniques; 2° une Série de Tableaux synoptiques, qui représentent la préparation et les parties proportionnelles des produits. Par M. Decremps. A Paris, chez les libraires,