

This is an answer to Conring's "De Hermetica Aegyptiorum Medicina," q.v. who had doubted the extreme antiquity attributed to alchemy; it contains valuable information on its early history. Ferguson mentions two different issues of the above edition, one with the plate and dedication, and one without them. This copy is in the latter state.

From the library of Mr. Bonnier de la Mosson, treasurer of Languedoc, with his arms on the first cover and his name in gilt letters on the second cover of the late 17th century binding.

Conspectus Scriptorum Chemicorum Illustriorum, Libellus Posthumus cui praefixa Historia Vitae Ipsius ab Ipso Conscripta. Havniae, Sumptibus Samuelis Garmanni Bibliop. Anno 1697.

4to. Pp. (12), 48.

First Edition.

Ferguson I, 119.

Bolton I, 7 : "More curious than valuable."

Lenglet-Dufresnoy I, 127 : "Bon et instructif."

This is the first attempt at a "bibliographie raisonnée" of alchemical literature. It is preceded by an extensive autobiography of the author.

BORSIERI (Giambatista).

Nuovi Fenomeni Scoperti Nell' Analisi Chimica del Latte. Memoria di Giambatista Borsieri P.R.P. della Università di Pavia. (at the end :) Pavia. Per il Porro, Bianchi, e Compagni Impressori . . . 1772.

8vo. 104 pp.

A rare tract on the chemical properties of milk. The author is mentioned by Hirsch (Arztelexicon I, 638).

BOSCHER (F. J. T.).

Essai sur L' Eau de Mer, Thèse présentée et soutenue à la Faculté de Médecine de Paris, le 30 décembre 1817, pour obtenir le grade de Docteur en médecine. Paris, Imprimerie de Didot Jeune . . . 1817.

4to. 23 pp.

BOTTARELLI (Giovanni).

De Bagni di San Casciano. Firenze, per Vicenzio Vangelisti. 1688.

12mo. 308 pp. With four folding plates.

This book contains a good deal of interest in connection with analytical matters and two of the curious plates represent a man receiving in one case a water massage on his head and in another a douche.

BOTTONI (Domenico).

Pyrologia Topographica id est De Igne Dissertatio juxta loca cum eorum descriptionibus.

Neapoli. 1692.

4m. 20 leaves +245 pp. 3 folding plates.

BOUGARD (Dr. E.).

Bibliotheca Borvoniensis ou Essai de Bibliographie et d'Histoire contenant la Reproduction de Plaquettes Rares et Curieuses et le Catalogue Raisonné des Ouvrages et Mémoires relatifs à l'Histoire de Bourbonne et de ses Thermes. Chaumont et Paris. 1865.

8vo. 8, 728 pp. With one plate and illustrations in the text.

BOUILLON-LAGRANGE (Edmond Jean Baptiste).

Manuel d'un Cours de Chimie, ou Principes Élémentaires théoriques et pratiques de cette Science. Quatrième Edition, avec 25 Planches et des Tableaux. Par E.-J.-B. Bouillon-Lagrange, Docteur en médecine, Professeur au Lycée Napoléon et à l'École de Pharmacie, Membre du Jury d'instruction de l'École impériale vétérinaire d'Alfort, de plusieurs Sociétés savantes françaises et étrangères. Tome Premier (Tome Second, Tome Troisième). A Paris, Chez Bernard, Éditeur des Annales de Chimie, et du Bulletin des Sciences, par la Société philomathique, quai des Augustins, No. 25. 1808.

3 vols. 8vo. I : Pp. (4), 444. With 17 plates, Girard de., Sellier and Delettre sc. II : Pp. (4), 638. With 6 plates, by the same, and 2 folding tables. III : Pp. (4), 513, (1 blank), 8, 32. With 2 plates, by the same, and 3 folding plates.

Bolton I, 598.

Kopp, Gesch. d. Chemie, IV, 359.

The work begins by a description of the laboratory of the epoch, illustrated by an interesting plate thereof. At the end of vol. iii, we find a catalogue of books on scientific subjects.

BOULES (Dr.).

The Queens Royal Closet, Newly opened. And the Art of Physick discovered. By that most Faithful Physitian Dr. Boules. . . . London, Printed for Francis Cole, T. Vere, J. Wright and J. Clark. N.D.

8vo. 12 leaves. (A₈ B₄). Woodcut portrait of the Queen on title.

An extremely rare work. The British Museum has an edition with a different imprint, but no copy is recorded in Wing's S.T.C.

Bound with : LOVELL, Approved Receipts, 1663. PARTRIDGE (J.), Tresurie, 1591. PARTRIDGE (?), The Widows Treasure, 1655, and another imperfect work, q.v.

BOULLANGER.

Expériences et Observations sur le Spath vitreux, ou Fluor spathique. (Paris). 1773.

8vo. 32 pp.

Refers to the works of Scheele on the subject. Inscription on the outer cover : "Monsieur de Jussieu le jeune."

BOULTON (Samuel).

Medicina Magica Tamen Physica : Magical, but Natural Physick. Or A Methodical Tractate of Diastatical Physick. Containing the general Cures of all infirmities : And of

the most radical, fixed, and malignant Diseases belonging, not only to the Body of Man, but to ail other Animal and Domestick creatures whatsoever, and that by way of Transplantation. With a Description of a most excellent Cordial out of Gold, much to be estimated. Published by Samuel Boulton, Salop. . . . London, Printed by T. C. for N. Brook, at the Angel in Cornhil. 1656.

8vo. 4 leaves, 195 pp., 1 leaf advertisements.

Ferguson I, 120. (The copy in the Young collection lacked one leaf).

BOYLE (Robert).

Certain Physiological Essays, Written at distant Times, and on several Occasions : By the Honourable Robert Boyle. London, Printed for Henry Herringman at the Anchor in the Lower Walk in the New-Exchange. 1661.

4to. 2 ll., pp. 1-36, (2), 37-99, 102-3, 102-5, (106), (12), 107-35, (136-8), 139-249, (250).

First Edition.

Fulton, No. 25, gives a reproduction and quotes only 4 copies of this edition.

The title represents a late use of the word *Physiological* in its original Greek sense of signifying all natural knowledge. It contains discourses on Physics, Chemistry, Meteorology and kindred subjects. It also contains the diverting essay on The Unsuccessfulness of Experiments.

Some Considerations touching the Usefulness Of Experimentall Naturall Philosophy, Propos'd in Familiar Discourses to a Friend, by way of Invitation to the Study of it. Oxford, Printed by Hen: Hall Printer to the University, for Ric: Davis. Anno Domini 1663.

4to. 10 ll., 128 pp., 4 11., 418 pp., 9 ll.

First Edition.

Fulton, No. 50.

Of the issues described by Fulton, this copy has in part II the pp. 33-40 numbered correctly, page 263 is numbered 632, pp. 49-56 are omitted as in ail copies, the marginal note (Hippo etc.) on page 6 is present.

Some Considerations Touching the Usefulness Of Experimentall Natural Philosophy. Propos'd in a Familiar Discourse to a Friend, by way of Invitation to the Study of it. By the Honourable Robert Boyle Esq., Fellow of the Royal Society. A Second Edition (since the first published June 1663). Oxford. Printed by Hen: Hall Printer to the University, for Ri: Davis. Anno Dom : 1664.

4to. 8 11., 124 pp., 2 11., "416" pp., 9 11.

Fulton, No. 52.

The Origine Of Formes and Qualifies, (According to the Corpuscular Philosophy,) Illustrated by Considerations and Experiments, (Written formerly by way of Notes upon an Essay about Nitre). By the Honourable Robert Boyle, Fellow of the Royal Society. Audendum est , Galen. Oxford, Printed by H. Hall Printer to the University, for Ric: Davis. An. Dom. 1667.

8vo. 25 11., 434 pp., 2 11.

First Edition.

Fulton, No. 77.

Chymista Scepticus Vel Dubia Et Paradoxa Chymico-Physica, Circa Spagyricorum Principia, Vulgo dicta Hypostatica, Prout proponi & propugnari soient a Turba Alchymistarum. Cui Pars praemittitur Alterius cujusdam Dissertationis ad idem Argumentum spectans. Editio secunda priori emendatior. Roterodami, Ex Officina Arnoldi Leers. 1668.

12mo. Pp. (28, curious engraved title included), 392.

Fulton, No. 38.

Ferguson I, 122.

The statement on the title " the second edition, more correct than the former " is interesting as the second English original only came out in 1680. It probably refers to corrections in the translation, as there is no evidence that Boyle took an active part in the Latin editions. (Zeitlinger).

A Continuation Of New Experiments Physico-Mechanical, Touching the Spring and Weight of the Air, and their Effects. The I. Part. Written by way of Letter, to the Right Honourable the Lord Clifford and Dungarvan. Whereto is annext a short Discourse Of the Atmospheres of Constituent Bodies. By the Honourable Robert Boyle, Fellow of the Royal Society. Oxford, Printed by Henry Hall Printer to the University, for Richard Davis, in the Year 1669.

4to. 11 11., 198 pp., 6 11. 8 plates.

Fulton, No. 16.

Experiments And Considerations Touching Colours. First occasionally Written, among some other Essays, to a Friend ; and now suffer'd to come abroad as The Beginning Of An Experimental History of Colours. By the Honourable Robert Boyle, Fellow of the Royal Society. (Mono from Bacon, occupying two lines). London, Printed for Henry Herringman at the Anchor in the Lower-walk of the New-Exchange. 1670.

8vo. 8 11., 424 pp. (Lacks the plate).

The second English edition.

Fulton, No. 58.

Some Considerations Touching the Usefulness Of Experimentall Naturall Philosophy, Propos'd in a familiar discourse to a friend by way of Invitation to the study of it. The Second Tome, Containing the later Section Of the Second Part. By the Honorable Robert Boyle Esq ; Fellow of the Royal Society. Oxford, Printed by Henry Hall, Printer to the University for Ric. Davis. 1671.

4to. 14 11., 48 pp., 1 bl. 1., 1 1., 20 pp., 2 11., 14 pp., 1 1., 32 pp., 1 1., 26 pp., 1 1., 50 pp.

Fulton, No. 53.

Tracts Written By the Honourable Robert Boyle. About, The Cosmicall Qualifies of things. Cosmicall Susptions. The Temperature of the Subterraneall Regions. The Temperature of the Submarine Regions. The Bottom of the Sea. To which is Praefixt, An Introduction to the History of Particular Qualities. Oxford, Printed by W. H. for Ric. Davis. 1671.

8vo. 4 11., pp. (1)-42, 1 1., pp. 1-27, (28), (1-2), 3-25, 22, 23, 28, 1 blank 1., 1 longitudinal label, 2 11., pp. (1-2), 3-43, (44), (1-2), 3-18, 1 1., 19-21, (22), 1 1., pp. 1.16, 2 blank leaves.

First Edition.

Fulton, No. 83.

Tracts Written by the Honourable Robert Boyle, Containing New Experiments, touching the Relation betwixt Flame and Air. And about Explosions. An Hydrostatical Discourse occasion'd by some Objections of Dr Henry More against some Explications of New Experiments made by the Author of these Tracts : To which is annex't, An Hydrostatical Letter, dilucidating an Experiment about a Way of Weighing Water in Water. Of the Positive or Relative Levity of Bodies under Water. Of the Air's Spring on Bodies under Water. About the Differing Pressure of Heavy Solids and Fluids. London, Printed for Richard Davis, Book-seller in Oxon. 1672.

8vo. (Lacks the blank leaves A₁, x, and x₂). 4 ll., pp. 1-130, leaf (*), pp. 133-142, 1 l., pp. 1

(18), 6 ll., pp. 1-176, pp. 1-19, 1 l., pp. 1-16, 1 l., pp. 1-(40).

First Edition.

Fulton, No. 101.

The tracts are bound in correct order in this copy, gatherings k-x are bound between sig. K₂ and K.

An Essay About The Origine & Virtues of Gems. Wherein are Propos'd and Historically Illustrated some Conjectures about the Consistence of the Matter of Precious Stones, and the Subjects wherein their chiefest Virtues reside. By the Honourable Robert Boyle, Esq., Fellow of the Royal Society. London, Printed by William Godbid, and are to be sold by Moses Pitt at the White Hart in Little Britain, 1672.

8vo. 8 ll., 184 pp. (181 omitted in the pagination, and therefore the last page should be numbered 183).

First Edition.

Fulton, No. 96.

THE PRESENTATION COPY FROM ROBERT BOYLE TO SIR ISAAC NEWTON.

Essays Of the Strange Subtility/Great Efficacy/Determinate Nature Of Effluvioms. To Which are annext New Experiments To make Fire and Flame Ponderable Together with A Discovery of the Perviousness of Glass. By the Honourable Robert Boyle, Fellow of the Royal Society. Consilium est . . . Verulamius. London : Printed by W. G. for M. Pitt, near the little North Door of St. Paul's Church. 1673.

8vo. 4 ll., 70 pp., 1 l., 48 pp., 74 pp., 5 ll., 86 pp., 3 ll.

First Edition.

Fulton, No. 105.

Inscribed in the bottom margin of the title page " For Mr. Isaac Newton from the Authour." On the fly-leaf is the following note, probably by the same hand : " The book binder by mistake hath bound ye discourse of ye Great Efficacy of Effluvioms in the wrong place, whereas it should immediately follow ye Discourse on ye Determinate Nature of Effluvioms." These inscriptions are said to be in the hand of Henry Oldenburg, secretary of the Royal Society and friend of Robert Boyle.

The copy is referred to by Dr. Fulton on page 74 of his bibliography of Boyle, where he says that presentation copies of Boyle's works are exceedingly rare. It was offered by Messrs. Tregaskis (cat. 952, No. 162) in August 1926, and Tregaskis points out that this copy indicates connection between Newton and Boyle earlier than is recorded by their biographers.

The history of Newton's library is well known. It was bought by John Huggins, warden of the Fleet Prison, on Newton's death, and was sent by him to his son Charles Huggins, rector of Chinnor (near Oxford). The next rector at Chinnor, Dr. Musgrave, had married Charles Huggins's niece and bought the library. Dr. Musgrave pasted his own (the " Philosophemur ") bookplate over that of Charles Huggins, and both these bookplates are present in this copy. Dr. Musgrave's son inherited a baronetcy and the manor of Barnsley (Gloucestershire) whither the Newton books were transferred. This copy has the Barnsley pressmark written in ink on the " Philosophemur " bookplate. The books remained at Barnsley until the third decade of the 20th century.

SEE ILLUSTRATION ON PLATE XIV,

Tracts Consisting of Observations About the Saltness of the Sea : An Account of a Statical Hygroscope And its Uses : Together with an Appendix about the Force of the Air's Moisture : A Fragment about the Natural and Preternatural State of Bodies. By the Honourable Robert Boyle. To all which is premis'd A Sceptical Dialogue About the Positive or Privative Nature of Cold : With some Experiments of Mr. Boyl's referr'd to in that Discourse. By a Member of the Royal Society. London, Printed by E. Flesher for R. Davis Bookseller in Oxford, 1674.

8vo. 4 ll., pp. 1-(52), 1 l., pp. 1-6, 1 l., pp. 1-(6), 1 l., pp. 1-(12), 1 l., pp. 1-(40), 1 l., pp. 1-(6), 1 l., pp. 1-(12), 1 l., pp. 1-(28), 1 l., pp. 1-14.

First Edition.

Fulton, No. 113.

Superb copy bound in 18th century blue morocco, broad dentelle borders on sides, panelled gilt back with the Letter O beneath a coronet in one of the panels. Bound for John, fifth Earl of Orrery, a great-great nephew of Robert Boyle.

Tracts : Containing I. Suspicions about some Hidden Qualities of the Air ; with an Appendix touching Celestial Magnets, and some other Particulars. II. Animadversions upon Mr. Hobbes's Problemata De Vacuo. III. A Discourse of the Cause of Attraction by Suction. By the Honourable Robert Boyle, Esq., Fellow of the Royal Society. London, Printed by W. G. and are to be Sold by M. Pitt, at the Angel against the Little North Door of St. Paul's Church. 1674.

8vo. 3 ll., 72 pp., 1 l., 26 pp., 1 l., 14 pp., 1 l., 94 pp., 1 l., 68 pp., 1 bl. l., 1, 18 pp.

First Edition.

Fulton, No. 119.

Superb copy bound in 18th century blue morocco, broad dentelle border on sides, panelled gilt back with the letter O beneath a coronet in the middle panel. Bound for John, fifth Earl of Orrery, a great-great nephew of Robert Boyle.

Experiments, Notes, &c. About The Mechanical Origine or Production Of divers particular Qualities : Among which is inserted a Discourse of the Imperfection Of The Chymist's Doctrine Of Qualities ; Together with some Reflections upon the Hypothesis Of Alkali and Acidum. By the Honourable Robert Boyle, Esq., Fellow of the R. Society. London, Printed by E. Flesher, for R. Davis Bookseller in Oxford. 1675.

8vo.

First issue of the First edition with the original title page dated 1675.

Fulton, No. 123. " Collation is indicated in the contents ; it is too involved to be of any value given here."

This volume contains two tracts on taste and smell which, as Fulton points out, are the first monographs on this subject.

Experiments, Notes, &c. About The Mechanical Origine or Production Of divers particular Qualities ; (&c. as previous issue). London, Printed by E. Flesher, for R. Davis Bookseller in Oxford. 1676.

8vo. Complete copy with all blank leaves.

Second issue of the First Edition with the cancel title-page bearing die date 1676.

Fulton, No. 124.

One of Boyle's most important books, containing his important contributions to the science of electricity and magnetism. It is very rarely found complete, as it contains eleven tracts some of which are usually missing. Superb copy bound in 18th century blue morocco, broad dentelle border on sides, panelled gilt back with the letter O beneath a coronet in the middle panel. Bound for John, fifth Earl of Orrery, a great-great nephew of Robert Boyle.

The Sceptical Chymist : Or Chymico-Physical Doubts and Paradoxes, Touching the Experiments Whereby Vulgar Spagirists Are wont to Endeavour to Evince their Salt, Sulphur and Mercury, To Be The True Principles of Things. To which in this Edition are subjoyn'd divers Experiments and Notes about the Producibleness of Chymical Principles. Oxford, Printed by Henry Hall for Ric. Davis, and B. Took at the Ship in St. Pauls Church-Yard. 1680.

8vo. 10 11., 440 pp., 14 ll., 268 pp.

The second English edition of Boyle's greatest work.

Fulton, No. 34.

Superb copy bound in 18th century blue morocco, broad dentelle border on sides, panelled gilt back with the letter O beneath a coronet in middle panel, g.e. Bound for John, fifth Earl of Orrery, a great-great nephew of Robert Boyle.

The Aerial Noctiluca : Or Some New Phenomena, And A Process Of A Factitious Self-shining Substance. Imparted in a Letter to a Friend, living in the Country. By the Honourable Robert Boyle, Fellow of the Royal Society. London. Printed by Tho. Snowden, and are to be sold by Nath. Ranew. Bookseller in St. Paul's Church-Yard. 1680.

8vo. 4 leaves + 110 pp. (last blank leaf missing).

First Edition.

Fulton, No. 138.

Memoirs For The Natural History Of Humane Blood, Especially The Spirit of that Liquor. By the Honourable Robert Boyle Fellow of the Royal Society. Etsi enim haud pauca, eaq̄ ; ex præcipuis, supersint absolvenda, tamen consilium est universum opus potius promovere in multis, quàm perficere in paucis. Verulam in Proefat. ad Histor. Natural & Experiment. London, Printed for Samuel Smith at the Prince's Arms in St. Paul's Church-yard. 168³/₄.

8vo. 8 11., 289 + (7) pp.

First Edition.

Fulton, No. 146.

Short Memoirs For The Natural Experimental History Of Mineral Waters. Addressed By way of Letter to 'a Friend. By the Honourable Robert Boyle, Fellow of the Royal Society. London, Printed for Samuel Smith at the Prince's Arms in St. Paul's Church-Yard. 168e.

8vo. 9 11., 112 pp., 7 11.

First Edition.

Fulton, No. 159.

Of The Reconcilableness Of Specifick Medicines To The Corpuscular Philosophy. To which is Annexed A Discourse about the Advantages Of the Use of Simple Medicines. By the Honourable Robert Boyle Fellow of the Royal Society. London, Printed for Sam. Smith at the Prince's Arms in St. Paul's Church-Yard. 1685.

8vo. 7 11., pp. 1-136, 1 1., pp. 137-226, 7 11.

First Edition.

Fulton, No. 166.

A Disquisition About The Final Causes of Natural Things : Wherein it is Inquir'd, Whether, and (if at ail) With what Cautions, a Naturalist should admit Them ? By the Honourable Robert Boyle, Esq. To which are Subjoyn'd, by way of Appendix, some Uncommon Observations About Vitiated Sight. By the same Author. London, Printed by H. C. for John Taylor, at the Ship in St. Paul's Church-Yard. 1688.

8vo. 8 leaves, 274 pp., 3 leaves.

First Edition.

Fulton, No. 186 A.

Full blue morocco, broad ornamental gilt border gilt panelled back with initial O beneath a Coronet in one compartment, g.e. Bound for John, fifth Earl of Orrery, a great-great nephew of Robert Boyle.

The General History Of The Air, Designed and Begun By The Honble. Robert Boyle Esq. Imprimatur. Robert Southwell, P.R.S. June 29. 1692. London, Printed for Awnsham and John Churchill, at the Black Swan in Pater-noster Row, near Amen-Corner. 1692.

4to. Pp. xiii + 260.

First and only Edition.

Fulton, No. 194.

Fulton points out that " Boyle's scientific life began and ended with studies of the air, and his last work on the subject, published posthumously, is of special interest in that it sums up his ultimate conclusions . . . There follows, however, a most remarkable passage on the 'Structure' of the air which amounts virtually to a statement of the modern kinetic theory of gases."

The Philosophical Works of the Honourable Robert Boyle, Esq ; Abridged, methodized, and disposed under the General Heads of Physics, Statics, Pneumatics, Natural History, Chymistry, and Medicine. The whole illustrated with Notes, containing the Improvements made in the several Parts of natural and experimental Knowledge since his time. In Three Volumes. By Peter Shaw, M.D. London : Printed for W. and J. Innys, at the West-End of St. Paul's ; and J. Osborn and T. Longman, in Pater-Noster-Row. 1725.

4to. 3 volumes. Vol. I : Pp. (4), xliii, (1 blank), 730. With 1 plate. Vol. II : Pp. xx, 726.

With 19 plates. Vol. III : Pp. (4), xv, (1 blank), 756. With 1 plate.

Fulton, No. 244.

An Historical Account Of A Degradation of Gold, Made by an Anti-Elixir : A Strange Chymical Narrative. By the Honourable Robert Boyle, Esq. The Second Edition. London : Printed for R. Montagu, at the Book-Ware-House, in Great Wilde-Street, near Lincoln's-Inn Fields. 1739.

4to. vi, 18 pp.

Fulton, No. 137.

Boyle's rarest work, of the first (1678) and this second edition a total of only four copies is known to Fulton.

SEE ILLUSTRATION ON PLATE IV.

Occasional Reflections by the Honourable Robert Boyle. London, Published by John Sharpe, Piccadilly. 1820.

12mo. Engraved title + 56 pp.

Fulton, No. 67.