

B *** See : SAGE (G. B.). Expériences propres à faire connoître que l'Alkali Volatil . . . 1778.

BABINGTON (William), M.D., F.R.S., MARCET (Alexander), M.D., F.R.S., and ALLEN (William), F.R.S. & F.L.S.

A Syllabus of a Course of Chemical Lectures Read at Guy's Hospital. London, Printed at the Royal Free School Press . . . 1811.

8vo. 74, 142 pp.

BACCI delle Therme (Andrea).

Discorso delle Acque Albule Bagni di Cesare Augusto a Tivoli. Delle Acque Acetose presso a Roma & delle Acque d'Anticoli. Alla illustrissima & eccel. Signora Duchessa la Sign. D. Giovanna di Aragona. Revisto dal proprio Autore & Ristampato di nuovo in Roma per Antonio Blado, Stampatore Camerale. 1564.

Sm. 4to. 15 leaves (lacks last leaf, presumably blank). Device on title.

Discorso delle Acque Albule, Bagni di Cesare Augusto a Tivoli, delle Acque di S. Giovanni a Capo di Bove nuovamente venute in Luce. Delle acque acetose presso a Roma & delle Acque d'Anticoli. Con alcune Regole Necessarie per usar bene ogni Acqua di Bagno. Roma, per li Heredi di Antonio Blado Stampatori Camerali, l'anno 1567.

Sm. 4to. 34 pp. Printer's device on title.

De Thermis Andreae Baccii Elipidiani, Medici, atque Philosophi, civis Romani, Libri Septem. Opus Locupletissimum, non solum Medicis necessarium verum etiam, studiosis variarum rerum Naturae perutile. In quo agitur de Universa Aquarum Natura deque Differentiis omnibus ac Mistionibus cum Terris, cum Ignibus, cum Metallis. De Lacubus, Fontibus, Fluminibus. De Balneis totius Orbis & de Methodo medendi per Balneas. Deque Lavationum simul atque Exercitationum institutis in admirandis Thermis Romanorum. Revisum et approbatum a deputatis S. Inquisitionis. Quae in singulis libris tractentur, versa pagina indicabit. Venetiis, Apud Vincentium Valgrisium. 1571.

Folio. 32 leaves, 509 pp. With a double-page woodcut of the Baths of Diocletianus between pp. 443 and 444.

First Edition.

This is the classic work on mineral waters, dealing with all the spas of the then known world.

BACCIONI (G. B.).

Dall' Alchimia alla Chimica. Torino, Fratelli Bocca. 1903.

8vo. 61, 446 pp. 16 alchemical illustrations in the text.

BACERNI (Gioseffe).

Breve Narratione de mirabili, e naturali effetti della Potentissima, et Arcana Medicina del' Oro Potabile senza corrosivo, data in Luce da Gioseffo Bacemi Cittadino Perugino

a petitione & istanza del Signor Postiglione Ardilancia, e per utile di qualunque persona, che di detto liquore potesse haver bisogno, precedendo mai sempre in adoprarlo il maturo consense de Signori Medici. Bologna, per Francesco Maria Sarti da S. Nicolo di gli Alberi. 1659.

4to. 186 pp., 9 leaves (including the last blank). Engraved portrait of author and engraving with coat of arms after

Apparently an entirely unrecorded work.

BACH (Dr.).

Des Eaux Gazeuses Alcalines de Soultzmatt (Haut-Rhin). Histoire et Topographie des Bains de Soultzmatt et de ses Environs, Analyse des Eaux, leur action physiologique, leur application dans différentes maladies et leur mode d'administration, conseils aux Baigneurs, des cures au petit lait, des cures par l'eau balsamique ... suivi d'une nouvelle analyse des eaux de Soultzmatt par M. Béchamp . . . et de la Flore des Environs de Soultzmatt par M. Kirschleger . . . Paris, Strasbourg, etc. 1853.

8vo. 8, 275 pp. 1 folding table.

BACHIMIUS (Arnold).

Pan-Sophia Enchiretica, seu Philosophia Universalis Experimentalis, in Academia Moysis primum per sex prima capita libri primi Geneseos tradita, demum per ignem examinata et probata, per quam natura universalis rerum omnium, vestibus denudata, in Virginitate & Simplicitate Sua, omnium oculis spectabilis exponitur, stante post tabulam. Impensis Johannis Ziegeri, Bibliopolae Noribergensis. 1682.

12mo. 3 leaves, 221 pp. One engraved plate.

The author's name is possibly a pseudonym. I can find no record of the book, but see Adelung I, 1320.

It is a curious kind of scientific encyclopaedia divided into 257 theses. There is a section on metals and precious stones. The very curious plate shows a woman tattooed all over with symbolical figures of plants and animals.

BACK (E. A.).

Bookworms. (From the Smithsonian Report for 1939, pages 365-74). Washington. 1940.

8vo. With 18 plates.

BACON (Roger).

De his que mundo mirabiliter eveniunt : ubi de sensuum erroribus, & potentijs anime, ac de influentijs caelorum, F. Claudij Caelestini opusculum. De mirabili potestate artis et naturae, ubi de philosophorum lapide, F. Rogerij Bachonis Anglici, libellus. Haec duo gratissima, & non aspernanda opuscula, Orontius F. Delph. Regius

Mathematicus, diligenter recognoscebat, & in suam redigebat harmoniam, Lutetiae Parisiorum. Apud Simonem Colinaeum. 1542.

4to. (4), 52 leaves.

First Edition.

Ferguson I, 64 (no copy in Young collection).

Hoefler I, 395.

Sarton, *Intr. to the Hist. of Science*, II, 963.

A very rare book which, besides a tract dealing with miracles and planets' influence by Caelestinus (ab. 1400), contains the editio princeps of Roger Bacon's "De mirabili potestate artis et naturae" which is identical with his "Epistola de secretis operibus artis et naturae, et nullitate magiae." This book, which has often been reprinted and translated, is, according to Hoefler, one of the most remarkable and at the same time one of the most authentic works by Roger Bacon. It contains almost prophetic gleams of the future course of science, dealing with automobiles, flying machines, diving-bells, telescopes, burning-mirrors, a sort of gun-powder, etc. As all the books edited by Oronce Fine it is beautifully printed and adorned with fine criblé initials.

Le Miroir d'Alchimie de Rogier Bacon Philosophe très-excellent. Traduit de Latin en François, par un gentilhomme du Dauphiné. A Lyon, Par Macé Bonhomme. 1557.

8vo. 134 pp., one leaf with imprint, 205 pp., 1 blank leaf, 95 pp., 191 pp • Some woodcuts of apparatus.

Ferguson I, pp. 64, 421, 434, 435, 449.

De Bure says "ce recueil ne se trouve pas aisément et les exemplaires en sont assez recherchés."

This important collection of alchemical works contains the following texts :

1. As above.
2. La Table d'Esmeraude d'Hermes Trismégiste.
3. Petit Commentaire de l'Hortulain Philosophe dict des Jardins Maritimes sur la Table d'Esmeraude.
4. Le Livre des Secretz d'Alchimie composé par Calid Fils de Jazic Juif
5. Le Miroir de Maistre Jean de Mehun.
6. L'Elixir des Philosophes.
7. L'Art Transmutatoire de Pape Jean XXII de ce nom.
8. Bacon (Roger), De l'admirable Pouvoir et Puissance de l'art & de nature, où est traité de la pierre philosophale, traduit en François par Jaques Girard de Tournus.
9. Des Choses Merveilleuses en Nature, où est traité des erreurs des sens, des puissances de l'âme & des influences des cieus, traduit en François par Jaques Girard de Tournus. (1) and (8) are the earliest translations of any works by Roger Bacon. (6) is well illustrated. (9) is only printed here. (6) and (7) are only known in this French version appearing here for the first time.

The Mirror of Alchimy, Composed by the thrice-famous and learned Fryer, Roger Bachon, sometimes fellow of Martin Colledge : and afterwards of Brase-nose Colledge in Oxenforde. Also a most excellent and learned discourse of the admirable force and efficacy of Art and Nature, written by the same Author. With certaine other worthie Treatises of the like Argument . . . London, Printed for Richard Olive. 1597.

4to. 2 leaves, 84 pp. (A-L4). Roman letter. Printer's device on title.

First English Edition. It is a translation of the "Speculum Alchymiae," published at Nuremberg in 1541.

Ferguson I, 65 and *Jnl. of the Alchem. Soc.*, II, 6, p.4 ("among the great rarities of alchemical literature"). S.T.C. 1182.

De Arte Chymiae Scripta cui accesserunt opuscula alia eiusdem Authoris. Francofurti, Typis Ioannis Saurii, sumptibus Joannis Theobaldi Schoenwetteri. 1603.

12mo. 408 pp.

Ferguson (I, 63) gives a list of the tracts contained in this volume and also mentions that there was a reissue of this book at Frankfurt in 1620.

Epistola Rogerii Baconis, De Secretis Operibus Artis et Naturae et de Nullitate Magiae. Opera Johannis Dee Londinensis e pluribus exemplaribus castigata olim et ad sensum integrum restituta. Nunc vero a quodam veritatis amatore, in gratiam verae scientiae candidatorum foras emissa cum notis quibusdam partim ipsius Johannis Dee, partim edentis. Hamburgi, Ex Bibliopolio Frobeniano, anno 1618.

8vo. 80 pp.

First Edition according to Ferguson (I, 203), who refers to the book as extremely rare.

Caillet 621.

Gardner 68.

The text was reprinted by Manget in 1702 and in "Theatrum Chemicum," 1660 (V, 834).

De l'admirable Pouvoir et Puissance de l'Art & de Nature, ou est traicté de la pierre Philosophale traduit en François par Jacques Girard de Tournus. Paris. 1629.

Ferguson I, 6364. It is a reprint of the Lyons edition of 1557.

Bound with : SENDIVOGIUS, Cosmopolite. Paris, 1629, q.v.

The Cure of Old Age, and Preservation of Youth. By Roger Bacon, A Franciscan Friar. Translated out of Latin ; with Annotations, and an Account of his Life and Writings By Richard Browne, M.L. Coll. Med. Lond. Also A Physical Account Of The Tree of Life. By Edw. Madeira Arrais. Translated likewise out of Latin by the same Hand. London, Printed for Tho. Flesher at the Angel and Crown, and Edward Evets at the Green Dragon, in St. Pauls Church-yard. 1683.

8vo. 20 leaves, 156 pp., 3 leaves, 108 pp., 4 leaves.

A curious work, mostly of medical interest and containing many strange recipes and rules of diet to keep young. There is a short biographical preface with a four page list of Bacon's writings by the translator.

CHARLES (Emile).

Roger Bacon, Sa Vie, Ses Ouvrages, Ses Doctrines d'après des textes inédits. Paris, Hachette. 1861.

8vo. 416 pp.

BRIDGES (John Henry).

The Life and Work of Roger Bacon, and introduction to the Major Opus. London. 1914.

8vo. Pp. 173.

Roger Bacon, Essays contributed by Various Writers on the occasion of the commemoration of the seventh centenary of his birth collected and edited by A. G. Little. Oxford, Clarendon Press. 1914.

8vo. 425 pp.

The Wonderful History of That Renowned Magician and Conjuror Friar Bacon. London, Printed by T. Maiden, Sherbourn-Lane, For J. Roe, No. 38 Chiswell Street, Finsbury Square, and Ann Lemoine, White Rose Court, Coleman Street, Sold by all the Booksellers in the United Kingdom. (Price Fourpence).

12mo. 36 pp. Frontispiece.

An amusing little chapbook; it affords a good example of the popular idea that Bacon was a necromancer and it would seem that he was the English counterpart of Dr. Faustus of the German chapbooks.

[BACON (William)].

A Key to Helmont. Or, A Short Introduction To the better understanding of the Theory and Method Of the most Profound Chymical Physicians. London : Printed for John Starkey, at the Mitre near Temple-Bar. 1682.

4to. Pp. (4), 34, (2 blank).

A rare tract. The preface is signed " William Bacon. From my House in Winchester-Street, London."

The book was undoubtedly popular in its time, and in the next year Matthew Mackaile in his " Diversifie of Salts and Spirits Maintained," page 5, refers to it : " The learned and ingenious Doctor William Bacon (in his key to Helmont, printed 1682, chap. 1), believing, with the profound Helmont, that water is the sole material principle of Generation . . ."

BADA y BORDA (Anacleto).

Tratado de las Virtudes y Usos de las Aguas Minerales de la Villa de Benasque del Partido de Benavarre en el Reyno de Aragon. Zaragoza, en la Oficina de Medardo Heras. 1805.

8vo. 4 leaves, 48 pp.

[BAILLET (Adrien)].

Auteurs déguisez. Sous des Noms Etrangers; Empruntez, Supposez, Feints à plaisir, Chiffrez, Renversez, Retournez, ou Changez d'une Langue en une autre. A Paris, Chez Antoine Dezallier, rue S. Jacques, à la Couronne d'or. 1690. Avec Privilège du Roi.

12mo. Pp. xxvi, (2), 615, (1 blank).

First Edition.

This is the first French dictionary of pseudonyms. It contains (pp. 523-615) a " Liste des Auteurs déguisez " where a number of alchemical writers will be found.

BAIRO (Pietro).

Secreti Medicinali di M. Pietro Bairo da Turino gia Medico di Carlo Secondo Duca di Savoia. Ne quali si contengono i rimedi che si possono usar in tutte l'infermita che uegono all' huomo cominciando da capelli fino alle piante de piedi. Et questo libro per l'utilita sua si chiama Vieni meco. Venetia, F. Sansovino. 1561.

8vo. 8 leaves, 264 ff. (the last blank).

First Edition.

Ferguson, Books of Secrets, 28.

Edited by Giovanni Tatti, who in his short preface gives some details regarding the author, a well-known surgeon in Turin and Physician to the Duke of Savoy, and his work.

Secreti Medicinali di M. Pietro Bairo, da Turino, gia Medico di Carlo II Duca di Savoia, nel quali si contengono i rimedii, che si possono usar in tutte l'infermità, che vengono all' huomo, cominciando da capelli sino all pianta de piedi. Con nouva giunta posta nel fine. Venetia, appresso Nicolo Tebaldini. 1602.

8vo. 8 leaves, 264 numb. leaves and 2 blank leaves.

The third edition.

Ferguson, Books of Secrets, 1st suppl., 391.

BALARD (Antoine Jérôme).

Essai sur le Cyanogène et sur quelques-unes des ses Combinaisons, présenté et publiquement soutenu à l'Ecole Spéciale de Pharmacie de Montpellier le 4 Juillet 1826. Par A. J. Balard de Montpellier (Hérault) Préparateur de Chimie et de Physique à la Faculté des Sciences de cette Ville pour obtenir le titre de Pharmacien. Montpellier, Chez Auguste Ricard, seul Imprimeur de la Préfecture et de la Mairie 1826.

4to. 44 pp.

Balard discovered Bromine, which discovery he published in the Annales de Chimie in 1826. This thesis is rare and is not mentioned by Poggendorf in his list of Balard's papers. Bolton (I, 279) says : " Balard seems not to have published any independent works."

BALBIAN (Justus à).

Tractatus Septem, De Lapide Philosophico, e vetustissimo codice desumpti, ab infinitis repurgati mendis, & in lucem dati. A Iusto Balbian, Flandro Alostano Philochymo. Ex Officina Plantiniana, Apud Christophorum Raphelengium, Academiae Lugduno-Bat. Typographum. 1599.

8vo. Pp. 96. With Plantin's mark on title.

Ferguson I, 67, says that this collection was published at Leyden, 1559, 8vo, but that an edition of 1597 is also mentioned. As the preface of my copy however is dated September, 1599, I think this edition to be the first one. There was no copy of this book in the Young collection. Ferguson enumerates the 7 tracts contained in this collection.

BALDASSARI (Giuseppe).

Delle Acque Minerali di Chianciano Relazione. In Siena, nella Stamperia di Agostino Bindi. 1756.

4to. 7 leaves, 273, 56 pp., index leaf. With a folding view.

Contains a good deal of chemistry.

Osservazioni ed Esperienze intorno Al Bagno di Montalceto fatte dal Dottor Giuseppe Baldassari. Siena, da Luigi e Benedetto Bindi. 1779.

8vo. 6 leaves, 144 pp. With vignette on title, portrait of Archduke Peter Leopold of Austria (to whom the book is dedicated) and two folding plates.

BALDIUS (Baldus H.)

Baldi Baldii Florentini Medicinae Practicae in Almo Urbis Gymnasio Professoris Ordinarii. Disquisitio Iatro Physica ad textum 23. libri Hippocratis De Aere, Aquis, & Locis; Num in eo legi debeat *XeuvaEsaTov* vel *e0A*,,.,,aearov, idest biliosissimum, vel turbidissimum. In qua de Calculorum Causis, ac de Aquae Tiberis bonitate strictim disseritur. Et Quaestio de majori nunc, quam praeterito saeculo, Calculosorum in Urbe frequentia, elucidatur. Romae, Ex Typographia Ludovici Grignani. 1637.

4to. 6 leaves, 69 pp., 1 leaf.

A rare treatise on the waters of the Tiber.

BALDUINUS (Christianus Adolphus).

Aurum Aurae, Vi Magnetissimi Universalis Attractum, per inventorem anagrammatizomenum : sic (infra, supra) Sol Duplus Abundat in Auris. Colonia ad Spream, [Berlin], Impensis Ruperti Voelckers, Bibliop. 1674.

8vo. 53 pp., 1 leaf.

First Edition.

Ferguson I, 67.

Aurum Superius & Inferius Aurae Superioris & Inferioris Hermeticum. Francofurti & Lipsiae, Sumpt. Georg. Heinr. Frommanni. 1675.

12mo. Pp. (32), 173 (1, 2, blank). With folding engraved symbolical title and 2 folding plates.

Phosphorus Hermeticus, sive Magnes Luminaris. Francofurti & Lipsiae, Sumpt. Georg. Heinr. Frommanni. 1675.

12mo. (Pp. 20).

Together 2 tracts in 1 vol. 12mo.

Ferguson I, 68.

Caillet 662, only quotes the Amsterdam edition (1675).

Bolton I, 959.

The second tract contains the discovery of the fluorescence of calcium nitrate, Ca (NO₃), long known as Balduin's Phosphorus.

A very nice copy having another tract bound between the two tracts by Balduinus (" see Tumba Semiramidis.")

Aurum Superius & Inferius Aurae Superioris & Inferioris Hermeticum, Christiani Adolphi Balduini, S.R.I. Academ. Nat. Colleg. Cognom. Herinetis. Amstelodami, Apud Joannem Jansonium a Waesberge. 1675.

12mo. 10 leaves +96 pp.+7 leaves. Three engraved folding plates.

Ferguson I, 68.

Hermes Curiosus sive Inventa et Experimenta Physico-Chymica Nova. Norimbergae. 1683.

4to. 12 leaves.

Nor in Ferguson (I, 68, where he mentions several other editions).

A rare work relating to a dozen hermetic preparations tried out by the author.