

to which is prefixed a new and enlarged edition of the first part. This however only comes down to Agrippa, whilst the second part begins with Crollius.

This copy contains the portraits of Roth-Scholtz and Nic. Flamel, but not those of Helvetius and Borrichius, mentioned by Ferguson.

Deutsches Theatrum Chemicum, Auf welchem der berühmtesten Philosophen und Alchymisten Schrifften, Die von dem Stein der Weisen, von Verwandlung der schlechten Metalle in bessere, von Kräutern, von Thieren, von Gesund-und Sauer-Brunnen, von warmen Bädern, von herrlichen Artzneyen und von andern grossen Geheimnissen der Natur handeln, welche bisshero entweder niemahls gedruckt, oder doch sonst sehr rar worden sind. vorgestellet werden. Nürnberg, bey Adam Jonathan Felsseckern. 1728-1732.

8vo. 3 volumes. I : Portrait of the author, title 26 pp., 1 leaf, 680 + 32 pp., frontispiece to *Currus Triumphalis* (Basil Valentine), 350 pp. With five plates to Basil Valentine, but without the plate to Monte Raphaim and the three plates mentioned by Ferguson. II : Portrait of Roger Bacon, 22 + 935 pp. Frontispiece to *Oedipus Chymicus* and two plates (1 folding). III : 46 + 960 pp. Two portraits.

Bolton I, 1035.

Ferguson II, 298-299.

Caillet 9618.

Gardner, *Bibl. Rosicruc.*, 590.

ROUELLE (Guillaume François).

Expériences communiquées par M. Rouelle, démonstrateur de chimie au Jardin Royal des Plantes. Analyse du Petit-Lait préparé sans Crème de Tartre. Réponse de M. Rouelle aux Observations de M. Desbois de Rochefort sur l'Analyse du Lait etc. Extrait du Journal de Médecine, Chirurgie, Pharmacie etc. Par M. A. Roux. Mars-Décembre, 1773.

8vo. 15 + 18 pp.

Rouelle was the teacher of Lavoisier.

ROUELLE (Guillaume-François) & CADET de GASSICOURT (Louis Claude).

Analyse de l'Eau Minérale de Monsieur et Madame de Calsabigi, nouvellement découverte en leur Maison de Passy, par M. Rouelle Apothicaire de la Ville de Paris, Démonstrateur de Chimie au Jardin Royal, & Membre de l'Académie Royale des Sciences. s.l.n.d. (Paris, 1755).

8vo. 29 pp.

Bolton I, 348.

The pamphlet contains two memoirs, the first by Rouelle the second by Cadet.

Rouelle's main contribution to chemistry was a clear idea of a salt as an additional product of an acid and a base (not acid and metal), and he distinguished between acid, neutral and basic salts.

ROUSSEAU (Abbé).

Secrets et Remèdes Eprouvez. Dont les préparations ont été faites au Louvre, de l'Ordre du Roy. Par deffunt M. l'Abbé Rousseau, cy-devant Capucin & Médecin de sa Majesté. Dernière édition corrigée et augmentée des Préservatifs & Remèdes universels ; tirez des animaux, des Végétaux & des Minéraux. Ouvrage Posthume du même Auteur. Avec un Remède spécifique pour la guérison de toutes sortes de Maladies Vénériennes. A Paris, Rue St. Jacques, chez Claude Jombert 1718.

12mo. Two parts in one volume. 45 pp., 1 leaf, 123 pp., 7 leaves, 220 pp.

Ferguson, (*Books of Secrets*, IV, 26) only mentions an edition of 1697.

Contains (II, 135) the well-known story about the toad which nearly stared the worthy Abbé to death. The secrets are pharmaceutical and include the preparation of several substances from plants, animals and minerals, the subject being dealt with largely from the chemical side. It was edited by the author's brother who has prefixed an introduction about him and has described the origin of the "Capucins du Louvre."

ROYAL SOCIETY.

Philosophical Transactions : Giving some Account of the present Undertakings, Studies, and Labours of the Ingenious in many considerable parts of the world. Vol. I For Anno 1665 and 1666. Vol. II for Anno 1667. In the Savoy, Printed by T. N. for John Martyn at the Bell, a little without Temple Bar, and James Allestry in Duck Lane, Printers to the Royal Society.

4to. Two parts in one volume. 2 leaves, pp. 1-408, 4 leaves, pp. 409-628. With eleven folding plates.

Among many other valuable scientific papers, there are, in these two volumes, 19 out of 35 papers by Boyle.

The Record of the Royal Society of London. London, Harrison & Sons. 1897.

8vo. 4 leaves, 224 pp. 2 plates and illustrations in text.

LYONS (Sir Henry).

The Royal Society 1660-1940. A History of its Administration under its Charters. Cambridge, University Press. 1944.

8vo. 10 + 354 pp.

ROZIER (Abbé François).

De la Fermentation des Vins, et de la meilleure manière de faire l'Eau de Vie, Mémoires qui ont concouru pour le prix proposé en 1766, par la Société Royale d'Agriculture de Limoges, pour l'année 1767. Imprimé par ordre de la Société. Lyons, chez les frères Périssé. 1770.

8vo. 266 pp. + 1 leaf. 3 folding plates.

RUBEUS (Hieronymus).

De Distillatione Liber. In quo Stillatitiorum liquorum, qui ad medicinam faciunt, methodus ac vires explicantur : Et Chemicæ artis veritas, ratione, & experimento comprobatur. Tertia hac editione ab auctore recognitus, ac multis locis locupletatus. Venetiis, Ex Typographia Gerraæa. 1599.

4to. 8 leaves, 181 pp. Device on title and at end ; eight woodcuts of distilling apparatus in text.

Rubeus, a doctor of Ravenna, was physician to Pope Clement VII and wrote several works, a list of which is given by Joecher (III, 2280). He died in 1607 and this book appears to be rare. Ferguson does not refer to the author. Hoefler (II, p. 105) quotes an edition in 12mo. (?) published in 1586.

Simon, *Bibliotheca Bacchica*, II, p. 160 quotes two editions in 4to of 1584 and 1585.

The British Museum Library has editions of 1582 and 1585, the Bibliothèque Nationale has the same and in addition one of 1604. A copy of an edition "Basil. 1550" figures (item 8205) in the sale of Dr. Falconet's books, Paris, 1763. The Italian name of the author is Rossi.

RUESENSTEIN (Alexius von).

Auserlesene chymische Universal und Particular Processe, welche Herr Baron von Ruesenstein auf seinen zweyen Reisen mit sechs Adepten, als : Gualdo, Schulz, Fauer-
mann, Koller, Fornegg und Monteschider, erlernt, auch viele selbst davon probirt und
mit eigener Hand im Jahr 1664. zusammen getragen hat, und wovon die Originalien in
seinem Schloss in einer Mauer gefunden worden sind. Frankfurt und Leipzig, zu
finden bey Peter Conrad Monath. 1754.

8vo. Pp. (16), 284, (4).

First Edition.
Bolton I, 1040.
Ferguson II, 301.

RULAND (Martin).

Progymnasmata Alchemiae, Siue Problemata Chymica, Nonaginta & vna Quaestionibus
dilucidata : Cum Lapidis Philosophici vera conficiendi Ratione. Francofurti, E Collegio
Musarum Paltheniano. 1607.

8vo. 3 parts in 1 vol. Pp. (16), 254, (2 blank), printer's mark, 136, 165. Printer's mark (repeated
at end).

First Edition.
Ferguson II, 303.
The third part, " Lapidis Philosophici vera conficiendi ratio ", has a separate title, dated 1606.

Bound up with : QUERCETANUS. Diaeteticon polyhistoricon. Lipsiae. 1607, q.v.

Alexicacus Chymiatricus : Putis Putis, Mendaciis Atque Calumniis atrocissimis bannis
Oberndorferi, Quibus, Laruatus ille medicus, Apologiam suam, chymico-medicam
practicam nequissimo ausu iniuriosissime consarcinavit ; Oppositus Asserendae veritatis,
& famae integritatis suae jure, A Martino Rulando Phil. et Med. D. & Caesar. Maiest.
Personae S. Sae. Medico, & a cubiculo chymiatro. Missus ab auctore Francofurtum,
prostat apud Palthenium. Anno 1611.

4to. 4 leaves, 111 pp.

Ferguson II, 304.
This is a reply to Oberndorfer's " Apologia Chymico-Medica," published in 1610.

Lexicon Alchemiae Sive Dictionarium Alchemisticum, Cum obscuriorum Verborum, &
Rerum Hermeticarum, tum Theophrast-Paracelsicarum Phrasium, Planam Expli-
cationem continens . . . Cura ac sumtibus Zachariae Palthenii, Librarii ac D. in Libera
Francofurtensium Repub. 1612.

4to. (1 blank), 4 11., 487 (wrongly numbered 471) pp., (1 blank). With symbolical title-vignette
and 2 small marginal woodcuts.

First Edition.
Ferguson II, 302.
Bolton I, 1041: " This lexicon is very full, less mystical and more practical than some later ones.
Useful in explaining early terminology."
Sudhoff, No. 291.
This copy is beautifully bound in a contemporary dark blue morocco binding, profusely gilt tooled,
with the arms of Sir Robert Berkeley (1584-1656), eminent lawyer, descendant of the first Lord
Berkeley.

RUPESCISSA (Joannes de).

De consideratione Quintae essentiae rerum omnium, opus sanè egregium. Arnaldi de
Villanova Epistola de Sanguine humano distillato. Raymundi Lullij Ars operativa
& alia quaedam. Omnia ad selectissimam materiam medicam, & morborum curationem,
vitaëq ; conseruationem mirabiliter facientia ; Nunc primùm in lucem data. Accessit
Michaelis Savonarolae Libellus optimus de aqua Vitae, nunc valde correctior quam ante
annos 27. editus. Item Hieronymi Cardani Libellus de Aethere, seu Quinta essentia Vini.
Basileae, s.a. aut t.n. (1561).

8vo. Pp. (1-9), 10-341, (6, 1 blank).

Ferguson (II, 305-306) ; no copy in the Young collection.
According to Hoefler I, 776 the tract by Rupescissa seems to be spurious.
Besides Rupescissa's tract (p. 10-168) the book contains tracts by Arnaldus (p. 169-174), Lullus
(p. 175-208), Gratarolo, the editor (209-236), Savonarola (p. 237-332) and different recipes
(p. 333-341). In spite of the title, the tract by Cardanus is not included in this collection. It
seems, however, that in this copy it was originally not mentioned on the title-page, but has afterwards
been inserted there on a pasted-on slip.
According to Thorndike, (A History of Magic and Experimental Science, III, 355) a perversion of
Rupescissa's text had already been printed in 1517 and 1518, as " De Secretis Naturae Libellus ",
by Lullius.

RUSKA (Julius).

Julius Ruska und die Geschichte der Alchemie mit einem vollständigen Verzeichnis
seiner Schriften. Festgabe zu seinem 70. Geburtstage am 9. Februar 1937. Dargeboten
von der Deutschen Gesellschaft für Geschichte der Medizin, Naturwissenschaft und
Technik. Berlin, Ebering. 1937.

8vo. 40 pp.

RUTHERFORD (Daniel).

Dissertatio Inauguralis De Aere Fixo Dicto, aut Mephitico. Quam annuente summo
numine, ex Auctoritate Reverendi admodum Viri, Gulielmi Robertson, S.S.T.P. Acade-
miae Edinburgenae Praefecti ; . . . subjicit Daniel Rutherford Britannus. Ad diem 12.
Septembris, hora locoque solitis. Edinburgi : Apud Balfour et Smellie, Academiae
Typographos. 1772.

8vo. 2 leaves 25 pp.

A thesis containing many references to Black, Cavendish, and others. Rutherford was a well-known
physician and botanist who studied under Cullen and Black. The present work, his inaugural
thesis, is important in the history of chemistry for showing clearly, for the first time, the difference
between carbonic acid gas and nitrogen. Lavoisier refers to the present work as a " very well
written thesis " (note at end of Part I of " Opuscules ").

RUTHERFORD (E.).

Radioactive Transformations. London, A. Constable. 1906.

8vo. 5 leaves, 287 pp.

RUTTY (John), M.D.

A Methodical Synopsis of Mineral Waters, Comprehending The most celebrated Medicinal Waters, Both Cold and Hot, Of Great-Britain, Ireland, France, Germany, and Italy and several other Parts of the World. Wherein Their several impregnating Minerals being previously described, and their Characteristics investigated, each Water is reduced to its proper Genus -; and beside the particular Analysis, the Virtues, Uses, and Abuses of the Water are described, In a Method entirely new. Interspersed with Tables, Tending to throw a Light upon this intricate Subject ; and Abstracts of the Principal Authors who have treated of Mineral Waters ; and the Accounts, dispersed in the Acts of most of the leamed Societies in Europe, are collected and properly digested. London, Printed for William Johnston, at the Golden Bali in St. Paul's Church-yard. 1757.

4to. 15 pp., 19 double-page tables, 660 pp., 4 leaves table. There are further the following tables : p. 104, 4 leaves p. 200 4 leaves, p. 310 2 leaves, p. 312 2 leaves, p. 386 6 leaves, p. 460 6 leaves, p. 484 2 leaves, p. 586 4 leaves, p. 658 2 leaves.

One of the most comprehensive treatises on the chief mineral springs of the British Isles and Europe. It is dedicated to Thomas Short, Stephen Hales and Peter Shaw. It is a work of great chemical interest for the many experiments recorded and the detailed chemical analyses given. See, for a pamphlet connected with this book, under R. (W.).