

BAYER (ALBERTUS).[⌘]

Colloquium Spiritus Mercurii cum fratre Alberto Bayrs.

See FIGULUS (BENEDICTUS), Thesaurinella, 1682, p. 110.

See HAUTNORTON (JOSAPHAT FRIEDERICH), Lucerna Salis Philosophorum, 1658, p. 159.[⌘]

See also BEYER (ALBERTUS). [⌘]

He was a carmelite and the colloquy here described took place 18 Feb., 1568.[⌘]

BEATUS (GEORGIUS).

See THEATRUM CHEMICUM, 1659, iv. p. 457.

See BASILIUS VALENTINUS, Aureliæ occultæ . . .

BECHER (JOHANN JOACHIM).

Johann Joachim Bechers, Med. Doct. und Rom. Kays. Maj. Cammer- und Commerciën-Raths, Chymischer Glücks-Hafen, oder Grosse Chymische Concordantz und Collection, von funffzehn hundert Chymischen Processen, durch viele Mühe und Kosten aus den besten Manuscriptis und Laboratoriis in diese Ordnung zusammen getragen, wie folgendes Verzeichnifs ausweist, Nebst einer neuen Vorrede, oder Bedenken von der Gold-Macherey, Herrn Georg Ernst Stahls, Königl. Preufs. Hof-Raths, und ersten würcklichen Leib-Medici, wie auch Præsid. des Ober-Collegii Medici. Neue und viel verbesserte Edition. Mit Königl. Pohln. und Churfürstl. Sachs. Privilegio. Halle, 1726. Verlegt Ernst Gottlieb Krug, privilegirter Buchhändler.

4°. Pp. [30] 810, Register [28] 2 blank. Title red and black. Portrait.

The first edition appeared at Franckfurt, 1682.
4°. The preface is dated London, 24 March, 1682.

Becher's Commentarius über des Monte Snyders
Schriften, p. 108.

Part I. :
Ein Tractat, ist gleichsam ein Commentarius über den
Bernardum, p. I.

Spiefs, Concordantz über des Nuysements Sal
Coeleste, p. 126.

Becher's Philosophisches Gutachten über die
Philosophische Tinctur im trucknen Weg, p. 25.

Radtichs Brotofer Elucidarii Majoris Appendix, p. 175.

Part XX., Appendix:

Becher's Chymischer Rosen-Garten, p. 790.

D. Joh. Joachim Bechers, Römisch. Kayserl. Maj. Rath &c., Chymischer Rosen-Garten, Samt einer Vorrede und kurtz gefassten Lebens-Beschreibung Herrn D. Bechers, zum Druck befördert von Friedrich Roth-Scholtzen. Nürnberg, bey Johann Daniel Taubers seel. Erben, Anno 1717.

8°. Pp. 96. Title red and black with a vignette: a hand out of a cloud squeezing a bunch of grapes over a goblet.

There was an edition in 1712, 8vo.

Natur-Kündigung der Metallen. Mit vielen curiösen Beweifsthümen, natürlichen Gründen, Gleichnissen, Erfahrenheiten, und bißhero ungemeynen Auffmerkungen vor Augen gestellt. Zu Erhaltung der Wahrheit, Erläuterung der Spagirischen Philosophi, und Gefallen der Liebhabern. Verfertigt durch Johannem Joachimum Bechern, von Speyer, Mathematicum, Medicum.

Lege totum & Relege.

Esdra iv. c. 8. v. 2.

Disseram autem tibi similitudinem Esdra. Enimvero, sicut sciscitanti Terra dicat tibi, se gignere perquam copiosam quidem humum fingendis fictilibus; Parvum autem Pulverem unde Aurum Fit, ita se habet præsentis ævi Negotium. [Something cut out.] Franckfurt am Mayn, In Verlegung Martin Hermsdorffs. An. 1705.

8°. Pp. [14] 347. Register [37]. Frontispiece.

BECHER (JOHANN JOACHIM). *Continued.*

Institutiones Chemicæ Prodromæ, id est, Joannis Joachimi Becheri Spirensis Mathem. & Med. Doct. Oedipus Chemicus Obscuriorum Terminorum & Principiorum Chemicorum, Mysteria aperiens & resolvens. Opusculum, omnibus Medicinæ & Chimiæ Studiosis, lectu perquam utile & necessarium. Amstelodami, Apud Elizeum Weyerstraten, Anno 1664.

12°. Pp. [16] 202, [7, 1 blank]. Engraved title, and plate of the Prague Medal included in the pagination. On the title-page a vignette of the Sphere.

The Prague Medal is reproduced by Tollius in his *Epistole Itinerariæ*, 1700, p. 138.

Institutiones Chemicæ Prodromæ i.e. Ioannis Joachimi Becheri Spirensis Mathematici Et Medicinæ Doctoris. Oedipus Chemicus Obscuriorum Terminorum & Principiorum Chemicorum Mysteria Aperiens & resolvens. Opusculum, omnibus Medicinæ & Chimiæ Studiosis, lectu perquam utile & necessarium. Francofurti, Apud Hermannum à Sande. M.DC.LXIV.

12°. Pp. [16, including two engravings] 192 [7, 1 blank]. Engravings of Oedipus and the Sphinx and the Prague Medal,

A German translation was published at Franckfurt, 1680, 8°.

Institutiones (*sic*) Chemicæ Prodromæ, i.e. Joannis Joachimi Becheri Spirensis Mathematicæ Et Medicinæ Doctoris. Oedipus Chemicus Obscuriorum Terminorum & Principiorum (*sic*) Chemicorum, Mysteria aperiens & resolvens. Opusculum, omnibus Medicinæ & Chimiæ Studiosis, lectu perquam utile & necessarium. Francofurti, Apud Joh. Maximilian. à Sande. Anno M.DCC.V.

12°. Pp. [16] 192 [7, 1 blank]. Engraving of the Prague Medal and of Oedipus and the Sphinx, included in the pagination. These are reproduced from the 1664 edition of Sande. The first word is misprinted in this edition.

[Another Copy.]

Joh. Joachimi Beccheri Spirensis Mathematicæ et Medicinæ Doctoris, Oedipus Chemicus. Seu Institutiones Chemicæ. Opusculum omnibus Medicinæ & Chymicæ Studiosis lectu perquam utile & necessarium. Editio Novissima. Cui Præfationem præmisit, Synopsin Titulorum, notas marginales, sensuum & rerum distinctiones, nec non notas, & animadversiones indicemque adjecit, & ab infinitis mendis liberatæ. Supplementa Beccheriana, Elementa Chymicæ Methodo Mathematica conscripta exhibentia subjunxit Joh. Jacobus Rosenstengelius Medicinæ Doctor. Francofurti ad Moenum, Apud Joh. Maximilianum van Sande, Anno MDCCXVI.

8°. Pp. [22] 228. Index [11] [1 blank]. Engraved title with picture of Oedipus and the Sphinx and plate of the Prague Medal. This last is not included in the pagination. Supplementa Beccheriana: —[6] 156. Index [6]. This tract has a separate title-page signatures and pagination. See ROSENSTENGEL (J. J.).

Joh. Joach. Becheri, D. Spirensis Germani Sacræ Cæsar. Majest. Consil. & Med. Elect. Bav. Opuscula Chymica Rariora, Addita nova Præfatione ac Indice locupletissimo multisque Figuris æneis illustrata a Friderico Roth-Scholtzio. Siles. Norimbergæ & Altorfii, Apud Hæredes Joh. Dan. Tauberi. Anno MDCCXIX.

8°. Pp. [12] 50, 310. Title red and black.

BECHER (JOHANN JOACHIM). *Continued.*

This volume contains:
 Biographical introduction by Roth-Scholtz.
 Becher's *Tripus Hermeticus Fatidicus* . . . with frontispiece, vignette, and plate of the Prague Medal, including:
 I. *Laboratorium Portatile*, with 11 plates, p. 31.
 II. *Centrum Mundi Concatenatum, Seu Duumviratus Hermeticus, Sive Magnorum Duorum Productorum Nitri & Salis Textura & Anatomia*, with 2 plates, p. 63.
 III. *Alphabetum Minerale*, p. 97.
 IV. *Concordantia Mercuriorum Lunae*, p. 150.
 V. *Concordantia Menstruorum*, p. 183.
 VI. *Bericht von Erfind- und Zubereitung eines compendieusen Ofens*, p. 195.

Actorum Laboratorii Chymici Monacensis, seu Physicæ Subterraneæ Libri Duo, Quorum Prior profundam subterraneorum genesin, nec non admirandam Globi terr-aque-aërei super & subterranei fabricam, Posterior specialem subterraneorum Naturam, resolutionem in partes partiumq'; proprietates exponit, accesserunt sub finem Mille hypotheses seu mixtiones Chymicæ, ante hâc nunquam visæ, omnia, plus quam mille experimentis stabilita, sumptibus & permissu Serenissimi Electoris Baviaræ &c. Domini sui clementissimi elaboravit & publicavit Joannes Joachimus Becherus, Spirensis, Med. D. Sacræ Cæsar. Majestatis Consiliarius, nec non Serenissimi Baviaræ Electoris Aulæ Medicus. Francofurti, Imp. Joh. Davidis Zunneri. Anno M.DC.LXIX.

8°. Pp. [38] 633 [7, 2 blank]. Folding frontispiece not included.

This is the first edition. A German translation was published at Franckfurt, 1680, 8°, and 1690, 8°.

Actorum Laboratorii Chymici Monacensis, seu Physicæ Subterraneæ Libri Duo, Quorum Prior Profundam subterraneorum genesin, nec non admirandam Globi terr-aque-aërei super & subterranei fabricam; Posterior specialem subterraneorum Naturam, resolutionem in partes partiumque proprietates exponit. Accesserunt sub finem mille hypotheses seu mixtiones Chymicæ, antehac nunquam visæ : omnia, plus quam mille experimentis stabilita, sumptibus & permissu Serenissimi Electoris Baviaræ &c. Domini sui clementissimi elaboravit & publicavit Joh. Joachimus Becherus, Spirensis, Med. D. Sacræ Cæs. Majestatis Consiliarius, nec non Serenissimi Baviaræ Electoris Aulæ Medicus. Francofurti, Imp. Mauritii Georgii Weidmanni. Anno MDCLXXXI.

8°. Pp. [24, including the frontispiece] 810. Index [10]. Title red and black. Between 560-561 is inserted the title-page of the first Supplement; between 678-679 the title-page of the second Supplement. At the end is the third Supplement, with separate title and pagination, pp. 136, Index [11]. Then: Theoria et experientia de nova temporis dimetiendi Ratione & accurata Horologiorum Constructione, ad societatem Regiam Anglicanam in Collegio Greshamensi Londini Jan. 1680. Pp. [29]. Catalogus Librorum Job. Joach. Becheri. [7] 1 blank.

Joh. Joachimi Beccheri, D. Spirensis Germani Sacr. Cæs. Majest. Consil. & Med. Elect. Bav. Physica Subterranea Profundam Subterraneorum Genesisin, è principiis hucusque ignotis, ostendens. Opus sine pari, Primum hactenus & Princeps, Editio Novissima. Præfatione utili præmissâ, Indice locupletissimo adornato, sensuumque & rerum distinctionibus, Libro tersius &

VII. *Beschreibung des . . . Universal-Ofens*, with 2 plates, p. 202.

VIII. *Bericht von Tiegeln*, p. 206.

IX. *Chymischer Rosen-Garten*, p. 207.

X. *Bericht von dem Sande*, p. 257.

XI. *Pantaleon delarvatus*, p. 295.

Of the preceding tracts the *Tripus* retains the title given above, and Nos. ii., iii., vi., ix., x., and xi. have long title-pages, which however are included in the pagination. Of the *Tripus* there was an earlier edition, Franckfurt, 1689, 8°. No. ix., " Chymischer Rosen-Garten " is contained in the *Grosse Chymische Concordantz*, 1726, (q.v.); No. x., " Bericht von dem Sande," was included in the *Trifolium Becherianum Hollandicum* in 1679 (q.v.).

BECHER (JOHANN JOACHIM). *Continued.*

curatus edendo operam navavit & Specimen Beccherianum, Fundamentorum, Documentorum, Experimentorum subjunxit Georg. Ernestus Stahl, D. Prof. Publ. Ordin. Hall. Lipsiæ, Apud Joh. Ludov. Gleditschium, Anno MDCCIII.

8°. Frontispiece and title, 2 leaves; Introduction, preface, and contents, pp. [28]; Text, pp. 560; Title to the first Supplement, 1 leaf; Text, 561-688 [pp. 655-6 omitted in numbering]; Title to second Supplement, [689-690]; Text, 691-822 [823-832 omitted]; Title to third Supplement, etc. [833-834]; Text, 835-1008; Index, pp. [36].

The *Specimen Beccherianum* has a separate title-page and pagination:

Specimen Beccherianum sistens Fundamenta, Documenta, Experimenta, quibus Principia Mixtionis Subterraneæ, & Instrumenta Naturalia atque Artificialia demonstrantur. Ex Autoris Scriptis, colligendo, connectendo, supplendo, concinnatum, exhibet Georg. Ernestus Stahl, D. Prof. Publ. Hall. & Acad. Nat. Cur. Colleg. Lipsiæ, apud Joh. Ludov. Gleditschium, Anno MDCCIII.

Pp. [8] 304, Index, pp. [16]. The general title is in red and black.

Another edition was published at Leipzig in 1738, 4°.

Trifolium Becherianum Hollandicum oder Der Römisch-Käyserlichen Mayestät Kammer- und Commerzien-Raths Dr. Joh. Joachim Bechers Drey Neue Erfindungen, Bestehende in einer Seiden-Wasser-Mühle und Schmelz-Wercke, In Holland vorgeschlagen und werckstellig gemacht: Mit gründlicher Anweisung, wie es mit denselbigen Sachen beschaffen ist. Aufs der Niederländischen in die Hochteutsche Sprache übersetzt. Amsterdam, Bey Johann Thiem. 1679

8°. Pp. [2] 62.

Part II., " Bericht von dem Sand," was reprinted in the *Opuscula Chymica Rariora*, 1719 (q.v.).

Joh. Joa. Becheri Spirensis Medicinæ Doctoris, Tripus Hermeticus Fatidicus,

Pandens Oracula Chymica, seu: I. Laboratorium Portatile cum Methodo verè spagyricè, sc. juxta exigentiam Naturæ, laborandi. Accessit pro Praxi & Exemplo. II. Magnorum Duorum Productorum Nitri & Salis Textura & Anatomia, atque in omnium præcedentium confirmationem adjunctum est. III. Alphabetum Minerale, seu viginti quatuor Theses de subterraneorum & mineralium Genesi, Textura & Analysisi. His accessit Concordantia Mercurii Lunæ. Omnia juxta Authoris Doctrinam & Principia in Physica sua subterranea ejusque supplementis conscripta, adèd ut hic Tripus Hermeticus Commentarius Practicus super præfatam Physicam subterraneam verè dici queat, utpote scriptum rarè Experimentis, multis Figuris & profundis Speculationibus innixum, ut Lectori per se patebit. Exaratum in Cornubia ad extrema Angliæ ora inter ipsa mineralia experimenta & autopsiam, cura Friderici Roth-Scholzii, Siles. Norimbergæ & Altorfii, Apud Hæredes Johann. Danielis Tauberi. MDCCXIX.

8°. Pp. 310. Frontispiece, Prague Medal, Plate in 64 compartments of Apparatus.

Furnace 9 plates. Symbols 1 plate. 2 Symbolic plates. Furnace 2 plates.

This is identical with the *Opuscula Chymica Rariora* (see above), wanting Roth-Scholtz's Life of Becher, and other preliminary matter.

Oedipus Chymicus.

Sec ROTH-SCHOLTZ (FRIEDERICH), Deutsches Theatrum Chemicum, 1730, ii. p. 619.

See MANGET (J. J.), Bibliotheca Chemica Curiosa, 1702, i. p. 306.

BECHER (JOHANN JOACHIM). *Continued.*

Pantaleon Delarvatus.

See FAUST (JOHANN MICHAEL), Philaletha Illustratus, 1706, p. 106.

This is an exposure of PANTALEON (*q.v.*).

Becher (born 1635 at Speyer, died 1682 at London) is not only famous in the history of Chemistry for his theory of combustion, but is notable as a technologist, miner and metallurgist, and projector of various economical schemes. He travelled much and was the author of a number of works besides those in the present collection. In addition to the notices of him in the histories of Chemistry and in the encyclopaedias and biographical dictionaries, there may be consulted the depreciatory article on him by Adelung (*Geschichte der menschlichen Narrheit, i.*) (*q.v.*); on the opposite side Urban Gottfried Bucher's work: *Das Muster eines Nützlich-Gelehrten in der Person Herrn Doctor Johann Joachim Bechers*, Nürnberg, 1722, and Joh. Fried. Reimmann, 'Vorbericht' to Becher's *Närrische Weisheit*, 1707, and Reimmann's *Einleitung in die Historiam literariam*, 1710, iii. pp. 536, 537.

The 'Vorbericht' was reprinted by Roth-Scholtz

as preliminary to his edition of Becher's *Chymischer Rosengarten*, 1717 (*q.v.*). There is also a notice in Roth-Scholtz's edition of Becher's *Opuscula Chymica Rariora*, 1719 (*q.v.*).

Lists of his works are given by Adelung (*q.v.*), by Bucher (see above), Reimmann (in Becher's *Närrische Weisheit*), by Roth-Scholtz (see above), in his *Bibliotheca Chemica (q.v.)* and *Deutsches Theatrum Chemicum* (1730), ii. p. 620, as a preface to the *Oedilus chemicus*, and in Becher's *Physica Subterranea*, 1681 (*q.v.*). Mercklin, *Lindenius Renovatus*, 1686, p. 619.

His portrait is prefixed to the *Chymischer Glücks-Hafen*, 1726 (*q.v.*). One is contained in Bucher's Life, taken from a painting which belonged to Roth-Scholtz (*Deutsches Theatrum Chemicum*, 1730 ii. p. 621), and it is also in Roth-Scholtz's *Philosoph. Bilder-Saal*, i. p. 33.

Hendreich, *Pandectæ Brandenburgicae*, 1699, p. 470.
 Paschius, *De Novis inventis . . . Tractatus*, 1700, pp. 117, 638, 698, 780.
 Paschius, *Schediasma de curiosis . . . inventis*, vii. §8, p. 206; §10, p. 233; §20, p. 301.
 Tollius, *Epistolae Itinerariae*, ed. Henninius, 1700, p. 138.
 Roth-Scholtz, *Bibliotheca Chemica*, 1727, pp. 19, 291, 213 (*bis*), 215 (*bis*), 227 (*bis*).
 Manget, *Bibliotheca Scriptorum Medicorum*, 1731, I. i. p. 255.
 Jacob Leupolds *Prodromus Bibliothecae Metallicae*, 1732, p. 23.
 Morhof, *Polyhistor*, 1732, i. pp. 234, § 17; 149, §46; 819, §6; 347, §32; 729; ii. p. 404, §2, etc.
 Zedler, *Universal Lexicon*, 1733, iii. col. 863.
 Kestner, *Medicin. Gelehrten-Lexicon*, 1740, p. 96.
 Lenglet Dufresnoy, *Histoire de la Philosophie Hermétique*, 1742, i. p. 411, iii. p. 116.
 Jöcher, *Allgemeines Gelehrten-Lexicon*, 1751, i. col. 889.
Philosophical Transactions, Oxford, 1684, vi. No. 74, p. 2232 (review of Becher's 'Experimentum Chymicum Novum').[†]

BECHIUS (PHILIPPUS).

See AGRICOLA (GEORG), Bergwerck Buch, 1621.

Philip Bech, or Bechius, a native of Basel, became professor there and taught Latin and Logic. He wrote a commentary on Virgil and a book on

Mercklin, *Lindenius renovatus*, 1686, p. 911.
 Freher, *Theatrum Virorum Eruditione Clarorum*, 1688, p. 1248.
 Hendreich, *Pandectæ Brandenburgicae*, 1699, p. 472.
 Morhof, *Polyhistor*, 1732, ii. p. 51, § 9.

BECKER (D. D.).

Der Chymische Wahrsager oder Beschreibung eines Rubinrothen, fixen und durchdringenden Oels, so ohne alles Feuer und Zusatz fremder Dinge aus dem Thau bereitet und denen Chymicis und Alchymicis zur fernern Erforschung aufrichtig mittheilet D. D. Becker der Medicin Doctor. Langensaltza, 1755. bey Johann Christian Martini.

Eloy, *Dictionnaire historique de la Médecine*, i. p. 144.
 Baumer, *Bibliotheca Chemica*, 1782, p. 52.
Beytrag zur Geschichte der höhern Chemie, 1785, pp. 531, 623-4, 626, 633-4, 640.
 Hutchinson, *Biographia Medica*, 1799, ii. p. 541.
 Fuchs, *Repertorium* 1806-08, pp. 144-146, 159, 236.
Biographie Médicale, Paris, Panckoucke (1820-825), ii. 87 (article by A. J. L. Jourdan).
 Schmieder, *Geschichte der Alchemie*, 1832, p. 417.
 Hoefler, *Histoire de la Chimie*, 1843, ii. pp. 213-216, and 1869, ii. pp. 206-208.
 Kopp, *Geschichte der Chemie*, 1843, i. pp. 177- 80 & *passim*.
 Poggendorff, *Biographisch-literarisches Handwörterbuch*, 1863, i. col. 124.
Allgemeine Deutsche Biographie, 1875, ii. p. (article by Oppenheim).
 Kopp, *Beiträge zur Geschichte der Chemie*, 1875, iii. p. 201.
 Kopp, *Die Alchemie*, 1886, i. pp. 65.69 & *passim*.
 Weber Joh. Adam, *Einleitung in die Historie der Lateinischen Sprache*, Chemnitz, 1736, p. 731.[†]

mining, and edited works on philosophy and medicine. He died Sept., 1560.

Kestner, *Medicinisches Gelehrten-Lexicon*, 1740, p. 98.
 Jöcher, *Allgemeines Gelehrten-Lexicon*, 1750, i. col. 888.
 Herzog, *Athenae Rauricae*, 1778, p. 262.

BECKER (D. D.). *Continued.*

8°. Pp. [1-9] 10-78 [2 blank]. At the end is a method for making crucibles to hold melted lead-glass.

The present tract was followed in 1757 by *Des chymischen Wahrsagers Vertheidigung*. See

Gmelin, *Geschichte der Chimie* 1798, ii. p. 328; Kopp, *Die Alchemie*, 1886, ii. p. 349.

BECKER (DANIEL).

De Unguento Armario.

See THEATRUM SYMPATHETICUM, 1662, p. 514.

Daniel Becker, the younger, has his name spelled usually in this way. Witte is not consistent, for the father's name he has spelled Beckerus, while the son's he spells Beckherus—which is the converse of the common practice.

He was born at Königsberg, January 5, 1627. His father, wishing him to have a liberal education sent him to travel in 1646. He visited various Universities in Germany, Wittemberg, Leipzig, Jena, Altdorf, Ingolstadt, Tübingen, went to France and Italy, and graduated at Strasburg in 1652. He next visited Holland, and when he arrived at Königsberg was made extraordinary professor in the Medical Faculty in 1653, and ordinary professor in 1655. The Elector of Brandenburg appointed him to be his physician in 1663. He died January 6 (others Feb. 7), 1670, while he was rector of the University for the second time.

Mercklin, *Lindenius renovatus*, 1686, p. 230.
 Freher, *Theatrum Virorum eruditione clarorum*, 1688, p. 1407.
 Manget, *Bibliotheca Scriptorum Medicorum*, 1731, I. i. p. 257.
 Kestner, *Medicinisches Gelehrten Lex.*, 1740, p. 99.
 Jöcher, *Allgemeines Gelehrten-Lexicon*, 1750, i. col. 901.

He wrote a few medical dissertations, and is generally regarded as the author of the tract on the Weapon Salve, though it has been assigned by some to his father.

Mercklin gives a short biographical notice with the date of his birth 1627, and yet he puts in the list of his works, the " Medicus Microcosmus " which was published at Rostock in 1622, and the " De Cultrivoro Prussiaco Observatio " which appeared at Königsberg in 1636, without being struck by the incompatibility of the dates. These mistakes are copied without correction by Manget and by Moréri.

Freher has in his notice given Becker very great praise. His list contains the writings of both father and son, but with no attempt at discrimination.

Moréri, *Le Grand Dictionnaire Historique*, 1759, ii. p. 293.
 Haller, *Bibliotheca Medicinæ practicae*, 1779, iii. p. 28.
 Fuchs, *Repertorium*, 1806-08, p. 141.
Biographie Médicale, Paris, Panckoucke (1820-25), ii. p. 99.

BECKER (JOHANN PHILIPP).

Chemische Anekdoten oder Versuche, über einige zweifelhafte und noch keine authentike Gültigkeit erlangte Sätze. Von J. P. Becker, Senator, und des

Collegii. Med. Prov. Assessor zu Magdeburg.

Leipzig, bey Christian

Gottlieb Hertel, 1788.

80. Pp. [10] 253 [r blank].

Becker (1711-1799, who is not to be confused with J. Ph. Becher) was born Feb. 7, 1711, at Borcken, near Fritzlär, in Hesse, became in 1735

an apothecary and medical assessor at Magdeburg. He is the author of researches on nitric acid, red arsenic, etc., in Crell's *Annalen*.

Meusel, *Das Gelehrte Teutschland, oder Lexikon der jetzt lebenden Deutschen Schriftsteller*, 1796, I. pp. 200-1.

Biographie Médicale, Paris, Panckoucke (1820-25), ii. p. 96 (complains of his uninteresting biographical sketch in Elwert's *Repertorium für Chemie und Pharmacie*).

BECKHER (DANIEL).

Historische Beschreibung des Preussischen Messerschluckers, wie Er nicht allein durch einen Schnitt des Messers befreyet, glücklich geheilet, sondern nunmehr ein Weib gefreyet, vnd zu Landsberg in Preussen seine Wohnung genommen, sich auch bifs anhero frisch vnd gesund befindet.

Nebst seinem Natürlichem Contrafayt vnd des verschluckten Messers eigendlicher Gestalt vnd Länge. wie auch Erörterung Fünffzehnen Medicinalischer Fragen. verfertigt durch Daniel Beckhern D. vnd

BECKHER (DANIEL). *Continued.*

Professor. Königl. auch Churfürstl. Brandenb. Preussischen bestalten Hoff-Medicum, vnd der stadt Kneiphoff Physicum ordinarium. Königsberg, In Verlegung Peter Hendels Buchf: vnd Gedruckt durch Johann Reusnern Im Jahr 1643.

4°. No pagination. 2 leaves, A₆, B-Q, R₂, in fours (= pp. 140). Drawing of the knife and portrait. Followed by a MS.: "Der Hällische Messer-Schlucker," by Wolfgang Christoph Wesener, Halle, n.d., pp. 14.

Daniel Beckher, the elder, was born at Danzig, December 13, 1598. After eight years' study in German Universities and in Denmark, he obtained a chair of Chemistry and Physics at Königsberg in 1623, and there became licentiate in Medicine. In 1625, he was chosen town physician of Kneiphoff, and the Elector of Brandenburg appointed him court physician in 1629. He received the degree of Doctor of Medicine in 1640. His death took place October 18, 1653, according to Witte, in 1655.

Van der Linden, *De Scriptis Medicis Libri Duo*, 637, p. 129.

Witte, *Diarium Biographicum*, 1688, Sig. Eee 3 verso; Ann. 18 Oct., 1653.

Witte, *Memoriae Medicorum nostri seculi Clarissimum*, 1676.

Hendreich, *Pandectae Brandenburgicae*, 1699, p. 474.

Kestner, *Medicinisches Gelehrten-Lexicon*, 1740, p. 98.

BECKMANN (JOHANN).

Versuche den Gebrauch der Färberröthe beim Färben zu verbessern.

See ALLGEMEIN nützliches chemisch-physikalisches Mancherlei, 1781, i. p. 271.

Bedencken über die Frage, ob die Transmutatio Metallorum möglich sey ?

See ROTH-SCHOLTZ (FRIEDERICH), Deutsches Theatrum Chemicum, 1730, ii. p. 87.

Beckmann was born at Hoya, June 4th, 1739. He went to Göttingen to study theology, but took to mathematics, natural science economics and modern languages, of which he could read ten. He visited the Netherlands in 1762, and in 1763 went to St. Petersburg as a teacher of mathematics and physics. This post he resigned in 1765, stopped in Sweden and Denmark for a year, became professor of philosophy at Göttingen, and in 1770 professor of economics. In his teaching he embraced the whole field, and technology may be said to have begun with him, as it was he who gave it its name. In 1777 he wrote the first text book on the subject, and was the author of numerous elaborate works on technology and economics. He died at Göttingen, 3 Feb., 1811.

Joh. Steph. Pütter, *Versuch einer . . . Gelehrten-Geschichte von der . . . Universität zu Göttingen*, 1788, ii. p. 171, 337, 1820, iii. p. 102.
Meusel, *Des gelehrte Teutschland, oder Lexikon der ietzt lebenden Teutschen Schriftsteller*, 1796, i. pp. 206-209 (List of his works and portraits).

BEEG (J. C. VANDER).

See VANDERBEEG (J. C. VON).

according to Jöcher and on October 14, 1659 according to the *Biographie Médicale*.

He wrote a number of works on Medicine, but no very great opinion of him is expressed by the last-named authority.

He has been confused by Mercklin, Manget, and Moréri, with his son.

Editions in Latin of the present work are mentioned: Regiomont. 1636, 1643, 4°; Lugd. Bat. 1638, 1640, 8°.

Jöcher, *Allgemeines Gelehrten-Lexicon*, 1750, i. col. 901.

Haller, *Bibliotheca Botanica*, 1771, i. p. 466.

Haller, *Bibliotheca Chirurgica*, 1774, i. p. 327.

Haller, *Bibliotheca Medicinæ Practicae*, 1777, ii. p.

509.

Biographie Médicale, Paris, Panckoucke (1820-25), ii. p. 98.

One of the books by which he is best known, which shows his wide reading and exceptional knowledge and retains its value to the present time, is his 'Beyträge zur Geschichte der Erfindungen.' It came out in separate parts at Leipzig between the years 1783 and 1805, afterwards in five volumes, 1786-1805. There was an English translation made by William Johnston, of which the second edition was published at London 1814, 4 vols., 8°, a condensed edition at London in 1823, 2 vols, 8°, and a reprint of the larger work (but with certain omissions) by Bohn, 1846, in 2 vols., 8°. It is a mine of information direct and incidental, and although it is of a technical character it is written in so pleasant a style that it reads almost like a romance.

Biographie Médicale, Paris, Panckoucke (1820-25), ii. p. 100 (article by Jourdan, with list of works).

Karmarsch, *Geschichte der Technologie*, 1872, p. 864, etc.

Allgemeine Deutsche Biographie, 1875, ii. p. 238 (article by Karmarsch).

BEGUIN (JEAN).

Tyrocinium Chymicum e Naturæ Fonte et Manuali Experientia Depromptum. Autore Ioanne Beguino, Regis Eleemosynario. Hac Secunda Editione ab ipsomet autore quam diligentissime recognitum & auctum. Coloniae Apud Antonium Boëtzerum, M.DC.XII. Cum Priuilegio.

24°. Pp. [14, 2 blank] 195. [5 blank.]

Tyrocinium Chymicum e Naturæ Fonte et Manuali Experientia Depromptum. Autore Ioanne Beguino, Christianiss. Regis Franc. Eleemosynario. Hac postrema editione ab ipsomet autore quam diligentissime recognitum & auctum. Coloniae, Apud Antonium Boëtzerum, M.DC.XV. Cum Priuilegio.

24°. Pp. [14, 2 blank], 195. [3 blank.] [Vignette of the Phoenix.]

This edition and the *Novum Lumen Chymicum* of Sendivogius (*q. v.*) were issued jointly with a general title page, dated: Coloniae, Apud Antonium Boëtzerum, . . . M. DC, XVII. Beguinus

brought out an edition of the *Novum Lumen Chymicum* at Paris in 1608. On this account it is sometimes said that the Tyrocinium was first published in 1608.

Tyrocinium Chymicum Johannis Beguini, Regis Galliae Eleemosynarii, Antehac à Viris Clariss. Dn. Christophoro Glückradt, Et Dn. Jeremia Barthio, Philos. & Medic. DD. &c. Notis elegantibus illustratum, formulisq'; medicamentorum optimis & secretis locupletatum: Nunc vero à Johanne-Georgio Pelshofero, Medic. D. & in Acad. Wittenb. Professore, Utriusq; Notis & medicamentorum formulis in unum systema redactis, Denuo, amicorum rogatu, in publicum emissum, ac triplici Indice ornatum. cum Privilegio. Wittenbergæ, Typis viduæ Georgii Mulleri; Impensis hæredum Clementis Bergeri. Anno M DC XXXIV.

8°. Pp. [80] 480. [45, 3 blank]. 1 Folding Table.

Tyrocinium Chymicum Johannis Beguini, Regis Galliae Eleemosynarij, Antehac à Viris Clariss. Dn. Christophoro Glüchradt, & Dn. Jeremia Barthio, Philos. & Medic. DD. &c. Notis elegantibus illustratum, formulisq'; medicamentorum optimis & secretis locupletatum: Nunc vero à Joh.-Georgio Pelshofero, Medic. D. & in Acad. Wittenb. Professore. Utriusq; notis & medicamentorum formulis in unum systema redactis, Denuo, amicorum rogatu, in publicum emissum, ac triplici Indice ornatum. cum Privilegio. Wittebergæ Impensis Andreae Hartmanni, Bibliop. Exscribebat Mechael Wendt, Anno clō Io CLXVI.

8°. Pp. [80], 480. [43, 5 blank.] Folding table. There is an engraved title by A. Aubry, as well as the printed one, included in the signature a. It depicts Cupid with a pair of bellows, blowing a fire and watching a distillation.

Pelshofer was born at Gratz in Styria in 1599. He graduated M.D. at Basel, practised medicine at Hayna in Silesia till 1627, when he went to Wittenberg and became Professor of Medicine. He died there in 1637.

Glückradt is a pseudonym of Johann Hartmann (*q. v.*).

The notes were reprinted in his *Opera omnia Medico-Chymica*, Francof. 1684.

Les Elemens de Chymie, de M. Iean Beguin Aumosnier du Roy. Reueuz, notez, expliquez, & augmentez, Par I.L.D.R.B.I.C.E.M. En ceste derniere Edition ont esté adioustées plusieurs explications obmises aux precedentes Impressions, & plusieurs preparacions de remedes tirés de la derniere Edition