

KHUNRATH (CONRAD). *Continued.*

ordentlich aufweist. Mit sonderm fleifs, den Filijs Doctrinæ, zum besten colligiret, vnd in Druck öffentlich verfertigt. Durch, C.C.L. Eifslieben.

Without date and printer's name.

8°. Ff. [4] 171 verso. Index [12]. Title red and black enclosed in a border. The preface is dated Schleswig, 1594.

[Another Copy.]

Conrad Khunrath, possibly a brother of Heinrich Khunrath was a physician and chemist of Leipzig who lived some time in Denmark and was at Schleswig in 1594, whence he dedicated his book to the magistrates and council of the free towns Lübeck, Lüneburg, &c. He was anxious to promote the knowledge and use of chemical medicines, and besides the present work he wrote: *Fünf schöne Tractätlein de Elleboro, rora solis, absinthio, saccharo und der Schlange*, Leipzig, 1597, 8°, and one or two other books.

A second part of the *Medulla* was published in 1614, after his death. Moller says correctly that the first edition of his book bore only his initials

Borel, *Bibliotheca Chimica*, 1654, p. 65 (enters him under 'Conradus Lipsensis').

Moller, *Homonymo-Scolia*, 1697, p. 688.

Kestner, *Medicinisches Gelehrten-Lexicon*, 1740, p. 444.

Lenglet Dufresnoy, *Histoire de la Philosophie Hermétique*, 1742, iii. pp. 198, 199.

Moller, *Cimbria literata*, 1744, ii. p. 439.

Jöcher, *Allgemeines Gelehrten-Lexicon*, 1750, ii. col. 2081. Rotermund's *Fortsetzung*, 1810, ii. col. 312.

Chaufepié, *Nouveau Dictionnaire historique et critique*, 1753, iii. letter K, p. 56.

Matthiæ, *Conspectus Historiæ Medicorum chronologicus*, 1761, p. 364.

Haller, *Bibliotheca Botanica*, 1771, i. p. 391.

C. C. L. They stand for Conradus Conrathus Lipsensis.

His book was successful, as it seems to have passed through a number of editions.

The enumeration of these is not very satisfactory as some are undated, and it is not easy to make the editions tally.

| | | |
|-----------|-------------|-------------|
| Schleswig | no date | ? 1596, 8°. |
| Eisleben | no date | |
| Leipzig | | |
| Hamburg | | 1599. |
| Hamburg | 3rd edition | 1605. |
| Leipzig | 6th edition | 1638. |
| Leipzig | | 1680. |
| | | 1703. |

Haller, *Bibliotheca Medicinæ practicae*, 1777, ii. p. 313. (Haller here calls him erroneously C. C. K, and quotes a number of editions, which I have not seen confirmed.)

Gmelin, *Geschichte der Chemie*, 1797, i. p. 361. (Just copies Haller, even to repeating C. C. K., and 1549, for 1594.)

Fuchs, *Repertorium der chemischen Litteratur*, 1806-08, p. 98.

Biographie Universelle, 1818, xxii. p. 587; no date, xxii. p. 235 (article by Weiss).

Biographie Médicale, Paris, Panckoucke (1820-25), v. p. 465.

Ladrague, Bibliothèque Ouyaroff, Sciences Secrètes, 1870, No. 1118.

Billings, *Index-Catalogue*, 1886, vii. p. 385; 2nd Series, 1903, viii. p. 632.

KHUNRATH (HEINRICH).

Von Hylealischen, das ist Pri-Materialischen Catholischen oder Allgemeinen Natürlichen Chaos der Naturgemessenen Alchymiz vnd Alchymisten; Wiederholete, vernewerte vnd wolvermehrte Naturgemefis-Alchymisch vnd Rechtrlehrende Philosophische Confessio oder Bekenntnus; Henrici Khunrath

Lips: Göttlicher Weisheit Liehabers (*sic*), vnd beyder Artzney Doctor:

Hhoch-mah-el!

Dem Lesterer.

Ob dir schon was ist vnbewust,

Nicht dest' minder eim anderns ist bewust.

Cum Privilegio S S. Cæsareæ Ma^{ts} speciali.

8°. Pp. [24] 469 [1, with woodcut; 2 blank]. Title red and black, with woodcut border ornament. The woodcut is the owl with spectacles, two torches and two candles, with the lines:

Was helfen Fackeln, Liecht oder Brillen
Wann die Leut nicht sehen wollen,

Colophon (p. 469): Gedruckt zu Magdeburgk, durch Joachim Schmiedt, In vorlegung Johann Francken Anno 1616.

KHUNRATH (HEINRICH). *Continued.*

Other editions are: Magdeburg, 1598 (the first), 1606, 8°; Strasburg, 1599, 1700, 12°; 1786 (*q.v.*). There seems to have been an earlier work: *Confessio de Chao Physico-Chemicorum Catholico*;

the preface of which is dated Magdeburg, 1596 but the edition before me was printed by Dolhopff, Argentorati, 1699, 12°, pp. [4] 84.

Alchymisch philosophisches Bekenntnis vom universellen Chaos der naturgemässenen Alchymie, von Heinrich Khunrath, beyder Arzneygelahrheit Doktor, und Liebhaber göttlicher Weisheit. Mit beygefügter Warnung und Vermahnung an alle wahre Alchymisten. Neue von den deutschen Sprachfehlern Ohne Verletzung des Sinnes gesäuberte, und mit des Verfassers Anmerkungen versehene Auflage. Leipzig, bey Adam Friedrich Böhmen, 1786.

8°. Pp. 348.

New edition of 'Von Hylealischen . . . Chaos.'

Amphitheatrum Sapientiz Æternæ Solius Veræ, Christiano-Kabalisticum, Divino-Magicum, nec non Physico Chymicum, Tertriumum, Catholicon: instructore Henrico Khunrath Lips: Theosophiz amatore fideli, et Medicinæ utriusq; Doct: Hallelu-Iah! Hallelu-Iah! Hallelu-Iah Phy diabol! E Millibus Vix Vni. Anno M.D.C.II. Cum Privilegio Cæsareæ Maiest: ad Decennium A Prima Impressionis Die.

Folio. Ff. [4], pp. 60, 222 [1] [1 blank]. *Colophon*: Hanoviz Excudebat Guilielmus Antonius, MDCIX. Portrait, engraved title, ten engraved symbolic plates, nine of them double, not in the pagination.

Numerous editions of this book are reported Prague, 1598; Magdeburg, 1602; Hanau, 1604; Magdeb., 1606, Frankf., 1608, Leipz. 1608, Lübeck, 1608; Magdeb., 1608, Hamb, 1611, 1648, 1651; Hanau, 1653; Frankfurt, 1653, Hamb., 1710. Most of these as Moller says, are probably fictitious. That of 1602 seems to be mentioned by Khunrath himself, perhaps he was referring to the date on the above title-page. De Bure admits the existence of one edition only this of 1609, and takes no notice of the others except that of Frankfurt, 1653, and it, he shows, is not a new edition but only that of 1609 with a new dated title-page. But he should have mentioned the

colophons for if the 1653 edition has the 1609 colophon there is not much more to be said as to the identity of the two, except as concerns the more recent title-page.

Of the four unnumbered leaves two contain in a tabular form a scheme of the book: *summa Amphitheatri Sapientiz Æternæ solius veræ Christiano-cabalistici divino-magici, &c.*, which belongs to p. 18 of the first part. The other two also contain a table marked * * belonging to p. 151 of the second part. These tables as well as certain of the illustrations, are sometimes awaiting.

Johann Arndt (*q.v.*) wrote a commentary on the first four figures in this book.

Magnesia Catholica Philosophorum, oder eine in der Alchymie höchst nothwendige und augenscheinliche Anweisung, die verborgene catholische Magnesia des geheimen Universalsteins der ächten Philosophen zu erlangen. Von Heinrich Khunrath, beyder Arzneygelahrheit Doktor, im Jahr 1599. gründlich geschrieben und zu Magdeburg herausgegeben. Neue, von den Sprach- und Druckfehlern gesäuberte Auflage. Leipzig, bey Adam Friedrich Böhmen. 1784.

8°. Pp. [2] vi., 112.

The signatures begin on the half sheet, because the preliminary matter occupying half a sheet has signature). The preface is signed J. Y. R.

Wahrhafter Bericht vom philosophischen Athanor und dessen Gebrauch und Nutzen, von Heinrich Khunrath, beyder Arzneygelahrheit Doktor, und treuen Liebhaber göttlicher Weisheit. Wegen seiner überaus grossen Seltenheit nach der dritten im Jahr 1615. zu Magdeburg im Verlag des Verfassers gedruckten Ausgabe aufs neue von den deutschen Sprachfehlern ohne Verletzung des Sinnes gesäubert, und mit einem historischen Vorberichte

KHUNRATH (HEINRICH). *Continued.*

von seinem sämmtlichen Schriften, nebst dem in Kupfer gestochenen Athanor auf Begehren herausgegeben. Leipzig, bey Adam Friedrich Böhmen, 1783.

8°. Pp. 58. Frontispiece. Pp. 15-16 dropped. MS. notes.

First edition, Magdeburg, 1603; 1615; 8°. Gmelin (i. 287) considers this the only thing by Khunrath of any value.

Judicium über Henrici Khunraths Amphitheatrum.

See ARNDT (JOHANN).

The author of the *Beytrag* says (p. 296): how a pious man like Arndt could occupy himself with the comfortless works of Khunrath is as great a mystery to him as the *Amphitheatrum* itself!

Khunrath, or Khünrath, or Kunrath, or Kunraht, or Cunrath, or Cunrad, or Conrad, was born at Leipzig in 1560, studied medicine, graduated at Basel in 1588, was a follower of Paracelsus, wrote his curious theosophic or mystical books, and died at Leipzig (Dresden, Moller), in 1605, aged 45. His portrait is given in the *Amphitheatrum*.

He believed in the transmutation of stones and metals, and the prolongation of life by the Elixir. His writings are obscure and full of symbolism.

Another work of his is entitled: Hochnützliche unumgängliche, und gar nothwendige Drey Fragen die . . . Curation. . . Sandes, Grieses, Steins, . . . betreffend, Leipzig, 1607. It was reprinted Frankfurt und Leipzig, 1788, 8°, pp. 38 [2 blank].

Van der Linden, *De Scriptis Medicis libri duo*, 1637, p. 197 (quotes the treatise on gout only),

Petrus Borellius, *Bibliotheca Chimica*, Paris, 1654, p. 130.

Quirinus Kuhlmann, *Der neubegeisterter Böhme*, Leiden, 1674, cap. xi. pp. 72-75.

Hallervord, *Bibliotheca Curiosa*, 1676, p. 405. ("Zebel, liber superstitiosus," edited by Khunrath.)

Mercklin, *Lindenius renovatus*, 1686, p. 396.

Witte, *Diarium biographicum*, 1688, sig. D 4 recto; 9 Sept., 1605.

Borrichius, *Conspectus Scriptorum Chemicorum*, 1697, p. 33.

Moller, *Homonymo-Scopia*, 1697, p. 688.

Keren Happuch oder Teutsches Fegfeuer der Scheide-Kunst, 1702, p. 120.

Manget, *Bibliotheca Scriptorum Medicorum*, 1731, II. i. p. lxxxvi.

Zedler, *Universal Lexicon*, 1737, xv. col. 2136.

Kestner, *Medicinisches Gelehrten-Lexicon*, 1740, p. 444.

Arnold, *Kirchen und Ketzer-Historien*, 1741,

ii. p. 331, 1742, iii. c. 2, pp. 11-14.

Lenglet Dufresnoy, *Histoire de la Philosophie Hermétique*, 1742, i. pp. 382, 475; iii. p. 198.

Brucker, *Historia Critica Philosophiae*, 1743, IV. i. p. 675.

Moller, *Cimbria literata*, Hasniae, 1744, ii. p. 440. (This is the fullest account.)

Jöcher, *Allgemeines Gelehrten Lexicon*, 1750, ii. col. 2081; Rotermund's *Fortsetzung*, 1810, iii. col. 313.

Chaufepié, *Nouveau Dictionnaire historique*, 1753, iii. letter K, p. 55.

Fictuld, *Prober-Stein*, 1753, Part i. p. 100 (lavishly lauded with the stock phrases).

KIESER (FRANZ).

Cabala Chymica Concordantia Chymica. Azot Philosoph. Solificatum. Drey vnterschiedliche, nützliche, vnd zuvor nie aufgegangaene Tractätlein, ohn

He wrote also: De igne Magorum Philosophorumque secreto externo et visibili das ist: philosophische Erklärung des. . . Glut- und Flammenfeuers der uralten Weisen . . . nebst Johann Arndts philosophisch-kabalistischen Judicio über die vier ersten Figuren des . . . Amphitheaters. Neue, . . . Auflage. Leipzig, 1783, 8°, pp. 109. First ed. Strasburg, 1608.

Khunrath is still of authority with modern devotees of occultism, and two of the symbolic plates in the *Amphitheatrum* have been reproduced and commented on by de Guaita, but some of the older writers showed him no mercy. The author of the *Fegfeuer* says that the *Amphiteatrum* and other things all bear witness to his disgusting arrogance and ignorance. He wrote not from the Spirit of God but from the ignorant devil of pride.'

Matthiae, *Conspectus Historiae Medicorum chronologicus*, 1761, p. 364.

De Bure, *Bibliographie instructive*, 1764, ii.

p. 248.

Eloy, *Dictionnaire historique de la Médecine*, 1778, ii. p. 647.

Archiv für Rosenkreuzer, 1785, ii. pp. 399, 400. *Beytrag zur Geschichte der höhern Chemie*, 1785 pp. 287, 513, 579, 583, 587 (criticises Khunrath with ferocity).

Adelung, *Geschichte der menschlichen Narrheit*, 1787, v. p. 91.

Gmelin, *Geschichte der Chemie*, 1797, i. pp. 287, 288, 569.

von Murr, *Über den wahren Ursprung der Rosenkreuzer und der Freymaurerordens*, 1803, p. 8.

Fuchs, *Repertorium der chemischen Literatur*, 1806-08, pp. 73-76.

Biographie Universelle, 1818, xxii. p. 587; no date, xxii. p. 235 (article by Weiss).

Biographie Médicale, Paris, Panckoucke (1820-25), v. p. 464.

Sprengel, *Geschichte der Arzneykunde*, 1827, iii. p. 533.

Schmieder, *Geschichte der Alchemie*, 1832, p. 322.

Ladrague, *Bibliothèque Ouvearoff, Sciences Secrètes*, 1870, Nos. 973-980, 1596.

Allgemeine Deutsche Biographie, 1882, xv. p. 709.

Billings, *Index-Catalogue*, 1886, vii. p. 385.

Kopp, *Die Alchemie*, 1886, i. p. 219; ii. pp. 361, 375.

Stanislas de Guaita, *Essais de Sciences Maudites*, I, Au Seuil du Mystère, 1890, pp. 57-59, 99-147.

Siegm. Jac. Baumgarten, *Nachrichten von einer hallischen Bibliothek*, 1751, vii. pp. 411-418 ('Amphitheatrum').

KIESER (FRANZ). *Continued.*

welcher Hülfe niemandt in Ewigkeit Chymiam veram verstehen, noch das summum Arcanum erlernen wirdt.

In welcher I. Der rechte Grundt vnnnd Fundament aller natürlichen vnd vbernatürlichen Dingen erkläret wird.

Im II. Viel schöner Vergleichungen vnnnd Vbereynstimmngen (*sic*) etlicher alten vnnnd neuen Philosophischen Schriften, von wahrer Bereytung defs Philosophischen Steins, Colligiret von H. Alexandro von Süchten, Med. D. Derer aller Inhalt post Præfationem zu finden.

Im III. Augenscheinliche Erklärung aller vnd jeder Particularitäten, fürnembsten Handtgriffen vnnnd Vortheylen, ad conficiendum Azot Philosoph. necessaria, So Georgius Clettus, I. V. Lic. selbst inn praxi wahr oder falsch befunden, von jhm einem guten Freunde in Mifsiven communiciert.

Jetzo aber allen Filiis doctrinae zu besonderm Nutzen vnd Gefallen an Tag geben, von Francisco Kiesero, Chymico vnd Medico zu Franckfurt. Mühlhausen, Bey Martin Spiessen, In Verlegung Johann Spiessen, &c. Anno M. DC.VI.

8°. Pp. [24] 581 [1]. 4 woodcuts.

Title red and black.

Seven colloquies follow:

I. between a layman and an artist, p. 283.

II. between Demogorgon and Reymundus, p. 293.

III. between Spiritus, Anima, and Corpus and the Love of philosophy, p. 325.

IV. between Mens and Corpus, p. 350.

V. another between Mens and Corpus, p. 357.

VI. between Mens and Virtus, p. 360.

VII. between Potentia and Vir, p. 369.

Then, p. 375:

Azot Philosophorum solificatum, das ist, Wahrhaftige, vnd Augenscheinliche Erklärung aller Particularitäten, wie auch aller fürnembsten Handtgriffen vnd Vortheilen, so zu rechter Bereytung des wahren Philosophischen Steins requirirt vnd erfordert werden. Heymlicher vnn vertrauter weifs von Herren Geor. Clet. I. V. Lic. auß eygener Erfahrung einem fürnemmen D. vnnnd Chymico zu Meyntz schriftlich communicirt. M. DC. VI.

Vignette of a conjoined set of symbols.

Lenglet Dufresnoy, *Histoire de la Philosophie*

Hermétique, 1742, iii. P. 195.

Beytrag zur Geschichte der höhern Chemie, 1785, p. 589.

Gmelin, *Geschichte der Chemie*, 1797, i. p. 563

(calls him Rieser), 1798, ii. p. 24.

Kopp, *Die Alchemie*, 1886, ii. p. 230.

KIESSLING (JOHANN GOTTFRIED).

Johann Gottfried Kiefslings, Jur. Pract. & dictæ artis Cult. Relatio Practica de Arte Probatoria Mineralium & Metallorum. Das ist: Gründliche Erzählung, wie alle und jede Mineralia auf gewisse Metalle, diese hinwiederum in sich selbst, ingleichen Müntzen, im Feuer, durchs Aqua fort, Aqua Regis, und Cementiren, probieret, und geschieden werden, Benebst der Nachricht, was allenthalben darzu nöthig, und ein Probierer oder Guardain, so wohl hiervon, als denen zum Muntz- und Saiger-Hütten-Wesen, samt deren Verrichtungen wissen soll. Worbey noch einiger anderer zu dieser Kunst dienlichen Anweisungen gedacht wird. Leipzig, verlegt Michael Blochberger. 1741

8°. Pp. [8, frontispiece included] 279 [1 blank].

This first edition is not quoted by Gmelin,

KIESSLING (JOHANN GOTTFRIED). *Continued.*

Johann Gottfried Kieffslings, Jur. Pract & dictæ artis Cult. Relatio Practica de Arte Probatoria Mineralium & Metallorum, Das ist: Gründliche Erzählung, wie alle und jede Mineralia auf gewisse Metalle, diese hinwiederum in sich selbst, ingleichen Müntzen, im Feuer, durchs Aqua fort, Aqua Regis, und Cementiren, probieret und geschieden werden, Benebst der Nachricht, was allenthalben darzu nöthig, und ein Probierer oder Guardain, so wohl hiervon, als denen zum Müntz- und Saiger-Hütten-Wesen, samt deren Verrichtungen wissen soll. Worbey noch einiger anderer zu dieser Kunst dienlichen Anweisungen gedacht wird. Andere Auflage. Leipzig, verlegt Michael Blochberger. 1752.

8°. Pp. [16, frontispiece included] 304.

This is a genuine book on assaying and gives a good idea of the processes and reagents of the time. In the first edition symbols and characters are used, but in the second the names are given in full. The frontispiece, which represents an assayer's laboratory, has been modified in the second edition.

The most important change is that the female figure who in the first edition is merely looking in through a window, in the second is represented as holding a rope or chain which is hanging down into the room, and to which are attached the planetary symbols of the metals.

Gmelin, *Geschichte der Chemie*, 1799, iii. p. 55.

Fuchs, *Repertorium der chemischen Litteratur*, 1806-08, p. 272.

KINDER-BETT des Steins der Welsen, durch einen unbekandten Chevalier in Frantzösischer Sprache beschrieben. Und nun aus dem Frantzösischen ins Teutsche übersetzt, durch J. L. M. C.

Hermes und Geber. Wer diese Kunst einmahl zu Ende bringet, wenn er auch gleich Tausendmahl tausend Jahr lebete, und alle Tage vier Tausend Menschen zu ernehren hette, würde er doch übrig genug haben.

Hamburg, Verlegt Gottfried Liebernickel. 1692.

8°. Pp. 45 [3 blank].

This seems to be the second part of the collection called *Nodus sophericus enodatus*, 1692, separated from the rest. See the note on that work. The

translator was Johann Lange, Medicinæ Candidatus.

Beytrag zur Geschichte der höhern Chemie, 1785, p. 644.

Ladrague, *Bibliothèque Ouvarroff, Sciences Secrètes*, 1870, No. 1291.
Kopp, *Die Alchemie*, 1886, ii. p. 383.

See NODUS sophericus enodatus, 1692.

See HERMETTSCHES A. B. C., i. p. 86.

KINDER-SPIEL (Das).

See LUDUS Puerorum.

KIRCHER (ATHANASTUS).

Athanasii Kircheri Fuldensis Buchonii è Soc. Jesu Presbyteri: Ars Magna Lucis et Umbræ, in X Libros digesta. Quibus admirandæ Lucis & Umbræ in mundo, atque adeo universa natura, vires effectusque uti nova, ita varia novorum reconditorumque speciminum exhibitione, ad varios mortalium usus, panduntur. Editio altera priori multo auctior.

כַּחֲשִׁיכָה (sic) כְּאוֹרָה

ὥς τὸ σκότος αὐτῆς

Sicuti tenebræ ejus

οὕτως πὸ (sic) φῶς αὐτῆς

ita & lumen ejus.

Psalm 138.

KIRCHER (ATHANASTUS). *Continued.*

Amstelodami, Apud Joannem Janssonium à Waesberge, & Hæredes Elizæi Weyerstraet. Anno cIo Ioc LXXI. Cum Privilegio Sacr. Cæsar. Majestatis, & Ord. Holl. & Westfr.

Folio. Pp. [32] 810 [9, 1 blank]. Numerous woodcuts and engravings. Engraved title included in the pagination. 3 plates, and folding plate separate. The true pagination is 710, 100 pp. being dropped between 424-525.

De Bure quotes an edition of Rome, 1646.

Athanasii Kircheri e Soc. Jesu Ars Magna Sciendi, in XII. Libros Digesta, qua Nova & Universali Methodo per Artificiosum Combinationum contextum de omni re proposita plurimis & prope infinitis rationibus disputari, omniumque summaria quædam cognitio comparari potest. Ad Augustissimum Rom. Imperatorem Leopoldum Primum, Justum, Pium, Felicem. Amstelodami, Apud Joannem Janssonium à Waesberge, & Viduam Elizei Weyerstraet. Anno cIo Io c LXIX. Cum Privilegiis.

Folio. Pp. [18 including the engraved title and the Emperor's portrait] 482 [10] Engravings and a new woodcuts in the text. 2 separate plates. 5 printed tables. Engraved title-page to Part II. between pp. 246-247, p. 249 the Tree of Philosophy.

Athanasii Kircheri Societatis Iesu, Magnes sive de Arte Magnetica Opus Tripartitum quo universa Magnetis Natura, eiusque in omnibus Scientijs & Artibus vsus, noua methodo explicatur: ac præterea è viribus & prodigiosis effectibus Magneticarum, aliarumque abditarum Naturæ motionum in Elementis, Lapidibus, Plantis, Animalibus, elucescentium, multa hucusque incognita Naturæ arcana, per Physica, Medica, Chymica, & Mathematica omnis generis Experimenta recluduntur. Editio Tertia. Ab ipso Authore recognita, emendataque, ac multis nouorum Experimentorum problematis aucta. Romæ MDCLIV. Sumptibus Blasij Deuersin, & Zanobij M asotti Bibliopolarum. Typis Vitalis Mascardi. Superiorum permissu, & Priuilegijs.

Folio. Pp. [32, including the engraved title] 618 [28]. Title red and black. Vignette. The Emperor's coat of arms, sig. + 3 verso. Numerous engravings and woodcuts in the text.

The present work first appeared at Rome, 1641, 4°; the second edition at Cologne, 1643, 4°. He wrote also: *Ars Magnesia*, Herbioli, 1631, 4°;

Prólusiones Magneticæ, Romæ, 1645, 4°; *Magneticum naturæ regnum*, Romæ, 1667, 4°, pp. 136.

Athanasii Kircheri e Soc. Jesu Mundus Subterraneus, in XII. Libros digestus; quo Divinum Subterrestris Mundi Opificium, mira Ergasteriorum Naturæ in eo distributio, verbo παντάμορφον Protei Regnum, universæ denique Naturæ Majestas & divitiæ summa rerum varietate exponuntur. Abditorum effectuum causæ acri indagine inquisitæ demonstrantur; cognitæ per Artis & Naturæ conjugium ad humanæ vitæ necessarium usum vario experimentorum appatu, necnon novo modo, & ratione applicantur.

Tomus I. Ad Alexandrum VII. Pont. Opt. Max.

Amstelodami, Apud Joannem Janssonium & Elizeum Weyerstraten, Anno cIo Ioc Lxv. Cum Privilegiis.

Folio. Pp. [30] 346. Index M. Portrait of Kircher and of Alexander VII., engraved title and 14 separate plates, all extra. Woodcuts in the text.

Tomus secundus. Pp. [12, including the engraved title] 487. Index [9]. 7 plates. Woodcuts. 7 tables.

There was an edition in 1678.

KIRCHER (ATHANASIVS), *Continued.*

Sententia de Unguento Armario ex libro III. ejusdem de *Arte Magnetica* desumpta.

See THEATRUM SYMPATHETICUM, 1662, p. 567.

De Lapide Philosophorum Dissertatio ex *Mundo Subterraneo* descripta.

See MANGET (J. J.), *Bibliotheca Chemica Curiosa*, 1702, i. p. 54.

De Alchymia Sophistica.

See MANGET (J. J.), *Bibliotheca Chemica Curiosa*, 1702, i. p. 82.

Diatribes de prodigiis Crucibus, quæ tam supra vestes hominum, quàm res alias, non pridem post ultimum incendium Vesuvij Montis, Neapoli comparuerunt.

See SCHOTT (CASPAR), *Ioco-Seriorum Naturæ et Artis . . . Centuriæ Tres*, p. 306.

Kircher was born 2 May, 1602, at Geysa, near Fulda. In 1618 he joined the Jesuits, devoted himself to study, and was appointed to teach mathematics, philosophy, and Oriental languages at the University of Würzburg, a duty which he discharged in the most brilliant manner. On the outbreak of the thirty years' war he went to Avignon, where he studied antiquities for two years, and was advised by Peirese to attempt the interpretation of Egyptian hieroglyphics. He was on the point of going to Vienna as professor of mathematics when he was suddenly called to Rome.

In 1637 he accompanied the Cardinal Frederick

Alegambe, *Bibliotheca Scriptorum Societatis Jesu*, 1643, p. 48.

Crasso, *Elogij d'Huomini letterati*, Venetia, 1666, i. pp. 381-383, with a portrait.

König, *Bibliotheca Vetus et Nova*, 1678, p. 446.

Mercklin, *Lindeni renovatus*, 1686, p. 94.

Magirus, *Eponymologium Criticum*, 1687, p. 495.

Witte, *Diarium Biographicum*, 1688, Sig. Qqqq 4 verso, Nov. 1680.

Reimann, *Einleitung in die Historiam Literariam derer Teutschen*, 1709, iii. p. 176.

Acta Philosophorum, 1716, ii. (Stück vii.) p. 193.

Manget, *Bibliotheca Scriptorum Medicorum*, 1731, I. i. p. lii.

Stolle, *Anleitung zur Historie der Medicinischen Gelahrheit*, 1731, pp. 533, 535.

Jacob Leupolds *Prodromus Bibliothecæ Metallicæ*, 1732, p. 80.

Morhof, *Polyhistor*, Ed. tertia, 1732, i. pp. 357, 725; ii. 156, &c., &c.

Niceron, *Mémoires des Hommes illustres*, 1734, xxvii. p. 189.

Stolle, *Anleitung zur Historie der Gelahrheit*, 1736, pp. 326, 359, 361 ('a learned windbag'), 698.

Zedler, *Universal-Lexicon*, 1737, xv. col. 755 (and references).

Kestner, *Medicinisches Gelehrten-Lexicon*, 1740, p. 444.

Lenglet Dufresnoy, *Histoire de la Philosophie Hermétique*, 1742, i. p. 482, iii. pp. 61, 195.

Vogt, *Catalogus historico-criticus librorum rariorum*, 1747, pp. 381-2 (rarity of the 'Oedipus Aegyptiacus').

Jöcher, *Allgemeines Gelehrten-Lexicon*, 1750, ii. col. 2095; Rotermund's *Fortsetzung*, 1810, iii. col. 377.

Dunkel, *Historisch-Critische Nachrichten von verstorbenen Gelehrten*, 1757, III. iv. p. 792, No. 2884.

Portal, *Histoire de l'Anatomie et de la Chirurgie*, 1770, ii. p. 644.

Philosophical Transactions, In the Savoy, 1665, i. No. 6, p. 109 (review of Kircher's 'Mundus Subterraneus').²²

of Saxony to Malta, and was received with great distinction by the Grand Master. He returned to Rome and acted for eight years as professor of mathematics, and afterwards resigned. He died 28 Nov., 1680.

Kircher was a man of vast—almost cumbrous—erudition, of equal credulity, superstition, and confidence in his own opinion. His works in number, bulk, and uselessness are not surpassed in the whole field of learning.

He was an opponent of alchemy and wrote against it in the *Mundus subterraneus*.

Haller, *Bibliotheca Botanica*, 1771, i. p. 463;

1772, ii. p. 682.

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Haller, *Bibliotheca Chirurgica* 1774, i. p. 334.

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Eloy, *Dictionnaire Historique de la Médecine*, 1778, ii. p. 638.

Saxius, *Onomasticon literarium*, 1782, iv. p. 416.

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Sprengel, *Geschichte der Arzneykunde*, 1827, iv. pp. 275 (note), 480.

Schmieder, *Geschichte der Alchemie*, 1832 p. 412.

Janus, Breslau, 1847, ii. pp. 599-608 (by Schneider).

Backer, *Bibliothèque des Ecrivains de la Compagnie de Jésus*, 1853, Ire Série, pp. 422-433; 1861, viime Série, p. 285.

Figuier, *L'Alchimie et les Alchimistes*, 1856, pp. 41, 90.

The English Cyclopaedia, Biography, vol. iii. 1856, col. 717.

Nouvelle Biographie Générale, 1861, xxvii. Col. 769.

Poggendorff, *Biographisch-literarisches Handwörterbuch*, 1863, i. col. 1258.

Allgemeine Deutsche Biographie, 1882, xvi. p. 1. (by Herman).

Billings, *Index-Catalogue*, 1886, vii. p. 441, and Series, 1903, viii. p. 734.

Kopp, *Die Alchemie*, 1886, i. p. 230.

Hirsch, *Biographisches Lexikon der hervorragenden Aerzte*, 1886, iii. p. 478 (by Pagel).

Sommervogel, *Bibliothèque de la Compagnie de Jésus*, 1893, Bibliographie, iv. col. 1046-1077.

Siegm. Jac. Baumgarten, *Nachrichten von einer hallischen Bibliothek*, 1751, viii. pp. 139-146 ('Mundus Subterraneus'), 146-152 ('China Illustrata'), 152-153 ('La Chine').²³

KIRCHMAJER (GEORG CASPAR).

B. C. D. Metallo-Metamorphosis, Principiis ac Experimentis Curiosis

Metallurgicis asserta, sub Præsidio Georg. Casp. Kirchmajeri, Prof. Publ.

Academ. Witteberg. Senioris, Imper. Leopoldin. Phosph. Secund. Publica-

bitur ad d. Decembr. A. c1o 1oc XCIII. In Auditorio Majori, à Re-

spondente, Ludovico Caspare Mayero, Neukirchensi-Franco. Wittenbergæ,

Typis Christiani Schrödteri, Acad. Typ.

4°. Pp. [2] 22. [4 pp. added on, apparently belonging to a different thesis.]

The author of the *Beytrag* is unable to agree with Kirchmajer's thesis that iron and other metals were first prepared by Adam for the use of mankind.

GeorgI Casp. Kirchmajeri, in Electorali VViteberga P. P. Acad. C. de Phosphoris et

Natura Lucis, nec non de Igne, Commentatio Epistolica. Wittebergæ, Apud Johannem,

Henricum Ellingerum, Bibl. Anno c1o 1oCLXXX.

4°. Pp. [2] 72 [6]. Title red and black. Vignette.

Kirchmaier, Kirchmajer, Kirchmayer—all the forms occur—was born at Uffenheim in Franconia 20 (29)

July, 1635. He became professor of rhetoric at Wittenberg, and was received into the Academia Naturæ Curiosorum in 1677 under the name of Phosphorus II. He was a man of immense attainments and his studies embraced numismatics physics, chemistry, metallurgy, mineralogy, zoology and medicine, and his numerous works on the most varied subjects won and maintained for him great celebrity.

He died 28 Sept. (Oct.), 1700.

Mercklin, *Lindeni renovatus*, 1686, p. 324.

Adolphus Clarmundus, *Vitæ clarissimorum in re literaria Virorum, das ist: Lebens-Beschreibung etlicher Hauptgelehrten Männer*, Wittenberg, 1705, ii. pp. 260-270, with a portrait.

Manget, *Bibliotheca Scriptorum Medicorum*, 1731, II. i. p. lii.

Jacob Leupolds *Prodromus Bibliothecæ Metallicæ*, 1732, p. 81.

Zedler, *Universal Lexicon*, 1737, xv. col. 770.

Lenglet Dufresnoy, *Histoire de la Philosophie Hermétique*, 1742, iii. p. 195.

Moller, *Cimbria literata*, 1744, i. p. 320 (under Kunckel).

Jöcher, *Allgemeines Gelehrten-Lexicon*, 1750, ii. col. 2097 (list of his numerous, varied and curious books); Rotermund's *Fortsetzung*, 1810, iii. col. 386.

Büchner, *Academias, . . . Naturæ Curiosorum Historia*, 1755, p. 468, No. 69.

Matthiæ, *Conspectus Historiæ Medicorum chronologicus*, 1761, p. 799.

Haller, *Bibliotheca Botanica*, 1771, i. p. 509.

Haller, *Bibliotheca Anatomica*, 1774, i. p. 474.

Eloy, *Dictionnaire historique de la Médecine*, 1778, ii. p. 639.

Haller, *Bibliotheca Medicinæ practicae*, 1779, iii.

p. 72.

KIRCHWEGER (ANTON JOSEPH).

Aurea Catena Homeri. Das ist: Eine Beschreibung von dem Ursprung der Natur und natürlichen Dinge, wie und woraus sie gebohren und gezeuget, auch wie sie erhalten und wiederum in ihr uranfängliches Wesen zerstöret, werden, auch was des Ding sey, welches alles gebähret und wieder zerstöret,

Kirchmajer had already written a tract on phosphorus: *Noctiluca constans et per vices fulgurans, diutissime quaesita, nunc reperta*, Wittebergæ, 1676 4°, ff [12]: Beckmann quotes the later tract of 1680, p. 7, for Kirchmajer's account of an experiment on the phosphorescence or fluorescence of fluor spar, which Beckmann thinks was the first publication of it. Rotermund ascribes to Kirchmajer the discovery of etching on glass, but the art, as Beckmann shows, was known to Schwanhard before Kirchmajer and long before the decomposition of fluor spar by Scheele.

Beytrag zur Geschichte der höhern Chemie, 1785, p. 551.

Saxius, *Onomasticon literarium*, 1785, v. p. 109.

Beckmann, *Beyträge zur Geschichte der Erfindungen*, 1792, iii. p. 555; English translation, 1814, iii. p. 222.

Gmelin, *Geschichte der Chemie*, 1793, ii. pp. 275, 320.

Fuchs, *Repertorium der chemischen Litteratur*, 1806-08, p. 200.

Biographie Médicale, Paris, Panckoucke (1820-25), v. p. 427.

Schmieder, *Geschichte der Alchemie*, 1832, pp. 455, 474.

Biographie Universelle, no date, xxi. p. 647.

Kopp, *Geschichte der Chemie*, 1845, iii. p. 328 (history of phosphorus).

Figuier, *L'Alchimie et les Alchimistes*, 1856, p. 311.

Nouvelle Biographie Générale, 1861, xxvii. col. 779.

Poggendorff, *Biographisch-literarisches Handwörterbuch*, 1863, i. col. 1261.

Allgemeine Deutsche Biographie, 1882, xvi. p. 16 (by W. Hess).

Hirsch, *Biographisches Lexikon der hervorragenden Aerzte*, 1886, iii. p. 479.

Hillings, *Index-Catalogue*, 1886, vii. p. 442; 2nd Series, 1903, viii. p. 735.

Joh. Adam Weber, *Einleitung in die Historie der Lateinischen Sprache*, Chemnitz, 1736, p. 762.²⁴