

M. (C. G.).

*See* GEDANCKEN vom rechten Gebrauch der Naturweisheit, 1754.

M. (D.).

Drei Tractätlein.

*See* HERMETISCHES A. B. C., 1779, ii. p. 288.

M. (D.).

Erstes Tausend neuer Chymischer Versuche und Erfahrungen, so mit allem Fleifse angestellet und sorgfältig aufgezeichnet worden von D. M. Leipzig bey Christian Gottlob Hilschern. 1768.

8°. Pp. [2] 452 [10].

Divided into 5 parts. Each 2 parts have a title page introduction, and index but the paging is continuous: Erstes und zweytes Hundert 1766, [1-11] 12-88 [89-96]. Drittes und viertes Hundert, 1767, [97-105] 106-176 [177-184]. Fünftes und sechstes Hundert, 1767, [185-193] 194-270 [271-280]. Siebendes und achttes Hundert, 1768, [281-289] 290-368. Neuntes und zehntes Hundert, 1768, [309-381] 382-452 [453-462].

Fünftes und sechstes Hundert neuer Chymischer Versuche und Erfahrungen, so mit allem Fleifse angestellet und sorgfältig aufgezeichnet worden von D. M. Leipzig, bey Christian Gottlob Hilschern. 1767.

8°. Pp. [9] 194-270 [10].

Another copy of the same parts in the preceding.

M. (E. C. D.).

Über allgemeine Arznelen.

*See* MAGAZIN für die höhere Naturwissenschaft und Chemie, 1784, i. p. 291.

The initials D. M. possibly stand for Doctor Medicinæ.

M. (M.).

*See* MEURDRAC (MARIE).

M. M. M.

Felix Puerpera seu Observationes Medicæ, circa Regimen Puerperarum & Infantium recèns natorum, ad. Cl. Virum D. D. Drelincurtium per M. M. M. Lugd. Batavor. Apud Petrum Vander Aa, M DC LXXXIV.

12°. Pp. [8] 40.

## MACHY (JACQUES FRANÇOIS DE).

*See* DEMACHY (JACQUES FRANÇOIS).

He is entered under this heading by Baumer, and the following works by him are quoted: *Instituts de Chymie*, Paris, 1766, 2 vols., 12°; *Procédes*

Eloy, *Dictionnaire historique de la Médecine*, 1778, iii. p. 125.

Baumer, *Bibliotheca Chemica*, 1782, p. 42.

chymiques rengés methodiquement et définies, Paris, 1779; *L'art du distillateur des eaux fortes*, Paris, 1773.

Phillippe & Ludwig, *Geschichte der Apotheker*, 1855, p. 577 (the translation of Juncker's *Elements of chemistry*).

## MACQUER (PIERRE-JOSEPH).

Dictionnaire de Chymie, contenant la Théorie et la Pratique de cette Science, son application à la Physique, à l'Histoire naturelle, à la Médecine, & aux arts dépendans de la Chymie. Par M. Macquer, Docteur en médecine de la faculté de Paris, de l'académie des sciences, de la société royale de médecine, professeur de chymie au Jardin du roi, &c. Nouvelle édition, corrigée & augmentée. Tome Premier. En Suisse, Chez les Libraires Associés. M.DCC.LXXIX.

Tome Second. 8° Pp. xxviii. 580.  
8° Pp. [2] 654 (655 not numbered) and 1 blank.

Tome Troisième. Seconde édition, revue & considérablement augmentée. A Paris, chez P. Fr. Didot jeune, Libraire de La Faculté de Médecine, Quai des Augustins. M.DCC.LXXVIII. Avec approbation, & Privilège du Roi.

8° Pp. [4] 520.

Tome Quatrième. En Suisse . . . M.DCC.LXXX.

8° Pp. [4] 776.

Macquer is said to have sprung from a Scottish catholic family which removed to France on account of its religion and adherence to the Stuarts. He was born at Paris, 9 Oct., 1718, and had a younger brother, Philip who was trained as a lawyer but devoted himself to history and literature.

Pierre on the other hand studied science and medicine, in which he graduated in 1742, but he did not practice, and occupied himself entirely with chemistry, which he pursued under Rouelle, and which he was one of the first to deal with as a science, apart from its application to pharmacy and the arts. Nevertheless he did not neglect chemical technology, for he specially studied the dyeing of silk, and was appointed by Louis XV. to superintend the manufacture of porcelain at Sèvres, and in 1750 to perform the chemical examination of certain remedies said to be new, which were to be sold to the government. He was admitted to the Academy of Sciences in 1745, and succeeded Bourdin as professor of chemistry in the Jardin des Plantes. He was member of the Academies of Stockholm and Turin, of the Society of Physicians Paris, 'royal censor,' and 'doctor regens' of the medical faculty of Paris.

He died on the 15 (18) Feb., 1784. and as he himself wished an autopsy, it was found that the aorta was ossified, and that in the cavities of the heart were stony concretions which had caused him untold suffering for a long time.

Macquer's researches are numerous, varied, and original. Though he worked just before the oxygen period he seems to have been conscious of the defects of the phlogistic hypothesis, and some of his work has a bearing upon the later development. In 1771 he first witnessed the combustion of the diamond, he wrote memoirs on alumina in 1758

and 1762, examined sulphate of calcium, sulphate of ammonium, and sulphate of magnesium. In 1746 he demonstrated the metallic character of arsenic, and later described potassium arseniate; he investigated zinc, the oxidation of tin and of silver, the volatilization of gold, the properties of platinum, the solubility of india rubber (in 1768), and the composition of milk. He made researches on the solubility of salts in alcohol, showed that the sulphates are much less soluble than the nitrates and chlorides, and that in general alcohol dissolves those salts most readily in which the acids are less firmly combined, an adumbration of some recent views.

He wrote books on pharmacy, a *Dictionnaire portatif des Arts et Metiers*, 1766, 8°, 2 vols.; *Manuel du Naturaliste*, 1770, 8°; *L'Art de la Teinture en Soie*, 1763, fol.; in German, Leipzig, 1779, 8°.

*Elemens de chimie theorique*, 1741, 12°; 1749, 12°; 1753, 1756, 12°; in German, Leipzig, 1752.

*Elemens de chimie pratique*, 1751, 12°; 1756, 12°.

The two together in English, 1758, 8°; German, 1768, 8°; Dutch, 1773, 1775, 8°; Russian by Kosma Florinskii, 1774, 8°, pp. 428; with 4 plates, and part, 1775.

His chief book was the dictionary, which may be regarded as the first scientific work of its class.

*Dictionnaire de chymie*, Paris, Lacombe, 1766, 2 vols., 8° (this first edition was anonymous). 1776, 1778, vols., 4°, or 4 vols., 8°. edited by H. Struve, Neuchatel, 1789, 5 vols., 8°.

Danish, Copenhagen, 1771, 1772, 8°.

German with observations by C. W. Poerner, Leipzig, 1768, 3 parts, 8°; second French edition, translated into German by J. G. Leonhardi, with additions and remarks' Leipzig, 1781-83, 6 vols. 8°; and edition, Leipzig, 1788-1791, 7 vols., 8°.

MACQUER (PIERRE-JOSEPH). *Continued.*

English, by Keir, London, 1777, 3 vols., 8° (translated from the anonymous first French edition).

Italian, by Scopoli, Pavia, 1783, i.-vi.; 1784, vii.-ix., 8°.

Scopoli's observations were incorporated by Leonhardi in his second edition, Leipzig, 1788-91;

Haller, *Bibliotheca Botanica*, 1772, ii. Pp. 384, 410.

Haller, *Bibliotheca Chirurgica*, 1775, ii. p. 318.

Haller, *Bibliotheca Anatomica*, 1777 ii. p. 375.

Eloy, *Dictionnaire historique de la Médecine*, 1778, iii. p. 126.

Baumer, *Bibliotheca Chemica*, 1782, p. 37.

*Histoire de la Société royale de Médecine*, Paris, 1782-3, pp. 69-94.

*Journal de médecine militaire*, Paris, 1784, iii. pp. 387-396.

Gmelin, *Geschichte der Chemie*, 1798, ii. pp. 548-550, 687-688 (list of his works); 1799, iii. pp. 30, 34, 39, &c., &c.

Hutchinson, *Biographia Medica*, 1799, ii. pp. 100-106.

Reuss, *Repertorium Commentationum*, 1803, iii. (*Chemia et Res Metallica*), pp. 32, 36, 72, 73 75, 80, 89, 91, 99, 106, 123, 162, 165, 166.

Vicq-d'Azyr, *Eloges Historiques*, An. xiii.-1805, i. pp. 277-303.

Fuchs, *Repertorium der chemischen Literatur*, 1806-08, pp. 283, 293, 306, 310, 315, 363, 369, 516, &c., &c.

Jöcher, *Allgemeines Gelehrten-Lexicon*; *Rotermund's Fortsetzung und Ergänzungen*, 1813, iv. col. 325.

Chalmers, *The General Biographical Dictionary*, 1815, xxi. p. 83.

Rees, *The Cyclopaedia*, 1819, xxii. s.v.

## MADATHANUS (HENRICUS).

## Aureum Seculum Redivivum.

*See* MUSAEUM HERMETICUM, 1749, p. 53.*See* MYNSICHT (HADRIAN A).

The above is a pseudonym of Hadrian à Mynsicht, as is said in *Keren Happuch*, and also in the British Museum Catalogue. Borel, however, includes only this work by Madathanus, and makes no allusion to Mynsicht at all. The book appeared in German with the title: Aureum seculum redivivum, das ist: die uhralte entwichene güldene

Borel, *Bibliotheca Chimica*, 1654, p. 149.

König, *Bibliotheca vetus et nova*, 1678, p. 492.

*Keren Happuch*, . . . oder Teutsches Fegfeuer der Scheide-Kunst, 1702 p. 91.

Langlet Duffresnoy, *Histoire de la Philosophie Hermétique*, 1742, iii. p. 47 (he quotes the above from the 1677-78 edition of the *Museum Hermeti-*

new edition, Leipzig, 1792, 8°, pp. 1008; Leipzig, 1800, 8°.

Third edition, entirely revised by Dr. Jeremias Benjamin Richter, Leipzig, 1806, 1807.

From 1768 to 1776 Macquer acted as editor of the section of the *Journal des Savants* relating to medicine and surgery, natural history, anatomy, chemistry and pharmacy, and physics.

*Biographie Médicale*, Paris, Panckoucke (1820-25), v. p. 145.

*Biographie Universelle*, 1820, xxvi, p. 76; n.d. xxv. p. 658 (by Cadet Gassicourt).

Thomson, *The History of Chemistry*, 1830, i. pp. 295-301.

Quérad, *La France littéraire*, 1833, v. p. 418.

Hoefler, *Histoire de la Chimie*, 1843, ii. pp. 393-394; 1869, ii. pp. 385-386, 530.

Kopp, *Geschichte der Chemie*, 1843, i. pp. 220-224, &c., &c.

Bayle & Thillaye, *Biographie Médicale*, 1855, ii.

p. 430  
Phillippe & Ludwig, *Geschichte der Apotheker*, 1835, p. 634.

*Nouvelle Biographie Générale*, 1863, xxxii. col.

595 (by H. Fisquet).  
Poggendorff, *Biographisch-literarisches Handwörterbuch*, 1863, ii. col. 7.

*Dictionnaire encyclopédique des Sciences Médicales*, 2ème Série, 1870, iii. p. 630.

Barbier, *Dictionnaire des Ouvrages anonymes*, 1872, i. col. 959, d.

Hirsch, *Biographisches Lexicon der hervorragenden Aerzte aller Zeiten und Völker*, 1886, iv. p. 89.

Kopp, *Die Alchemie*, 1886, i. pp. 89, 250 (Macquer's attitude towards alchemy).

Billings, *Index-Catalogue*, 1887, viii. p. 494.

Zeit, 1621, 8°, and it was included in the collection by Condeesyanus or Grasshoff, *Dyas Chymica Tripartita*, 1625, pp. 67-87, and in Latin in the previous editions of the *Musaeum Hermeticum*, 1625, pp. 75-99; and 1677-8, pp. 53-72.

König quotes the above book but misnames the author 'Madanathus,' and refers to Mynsicht.

*cum*, and calls the author 'Madastanus' and 'Madaathanus,' but identifies him with Mynsicht).

Semler, *Unparteiische Samlungen zur Historie der Rosenkreuzer*, 1787, ii. pp. 114, 117.

Murr, *Über den wahren Ursprung der Rosenkreuzer und des Freymaurerordens*, 1803, p. 58.

Ladrage, *Bibliothèque Owaroff, Sciences Secrètes*, 1870, No. 1255 (entered under Mynsicht).

## MAGAZIN für die höhere Naturwissenschaft und Chemie. Erster Band. Tubingen bey Jakob Friedrich Heerbrandt. 1784.

8. Pp. xxxi [1] 392.

Zweiter Band. 1787.

8°. Pp. [32] 376.

MAGAZIN für die höhere Naturwissenschaft und Chemie. *Continued.*

The two volumes contain the following tracts:

## Vol. I.

I. Ueber die allgemeine Auflösungsmitel von D. Rud. Joh. Fried. Schmid p. 1.

II. Geschichte des Feuer-wassers und höllischen Feuers nebst einigen damit angestellten Versuchen von Joh. Wilh. Agricola, p. 217.

III. Eine Perle den Schweinen vorgeworfen, das ist, der Stein der Weisen in seinen mathematischen Anfängen der Welt vorgelegt, p. 277.

IV. Ueber allgemeine Arzneien. Vor Liebhaber philosophischer Wahrheit. Durch E. C. D. M., p. 291.

V. Carl Fried. Zimmermanns Gedanken von der Uebereinstimmung, welche an etlichen Sätzen aus der wahren Alchemie mit verschiedenen im Mineralreich sich erzeugenden Umständen zu bemerken ist p. 355, Nebst

Dessen Gedanken über die magische und medicinalische Steine, p. 386.

Schmieder, *Geschichte der Alchemie*, 1832, p. 596.

## Vol. II.

1. Das Goldene Vliefs, oder von der Möglichkeit der Verwandlung der Metalle. Von dem Prof. Creuling (*sic*, for Creiling), p. 1.

2. Der alchemische Wegweiser, p. 177.

3. Auszüge aus denen vier Schriften:

1. Lumen de Lumine von Eug. Philaleta, p. 265.

2. Antroposophia Theomagica von eben diesem, p. 301.

3. Philosophische Brieftasche von einem Ungenannten, p. 319.

4. Wasserstein der Weißsen, p. 365.

nebst noch zweien Traktätlein

1. von Johann von Mesung.

2. Via Veritatis.

These last two tracts do not appear in this copy.

Ladrague, *Bibliothèque Ouvaroff; Sciences Secrètes*, 1870, No. 628.

## MAGIA Naturalis.

See GEHEIME UNTERREDUNGEN zwischen zweyen vertrauten Freunden, . . . von Magia Naturalis, 1722.

## MAGISTERIO.

See ARNALDUS de Villanova.

## MAGNI (De) lapidis compositione &amp; operatione.

See THEATRUM CHEMICUM, 1659, iii. p. 5.

## MAGNI Philosophorum Arcani Revelator. Quo Hermetis Discipuli, Magnique Scrutatores

Operis omnia ad suum laborem necessaria, clarissimè explicata inveniunt. Tractatus

contentos proxima indicat pagina. Genevæ, Apud Samuelem De Tournes.

M.DC.LXXXVIII.

12°. Pp. [2] [1-8] 9-490 [9] [1 blank]. Engraved plate of apparatus, p. 302.  
Portrait of Hermes Trismegistus on the title-page.

The tracts in this volume are as follows:

Pretiosissimi Arcani Arcanorum et Philosophorum Magisterii Verissima ac Purissima Revelatio. De

Transmutatione Metallorum. in qua dicta obscura

Philosophorum optimè ac clarissimè deteguntur.

Recens in lucem edita à quodam Philosopho

Anonymo, p. 1.

Opus Philosophicum quod Opus Iovis nuncupatur cum aliis Operibus Particularibus De Transmutatione Metallorum, p. 305.

Liber de Septem Verbis Philosophorum com explicatione, in quibus totum Opus Philosophicum continetur, p. 369.

Reverendissimi Archipresbyteri Magistri Antonii de Abatia Epistolæ Duæ, Scrutatoribus Artis Chymicæ mandatæ, p. 421.

Annotationes in duas Epistolas . . . Antonii de Abatia, p. 473.

Arcanum à quodam Philosopho anonymo de ductum, p. 483.

com cautelis, Halæ Magdeburgicæ, Typis Johanni Gruneri [1705], 4°, ff. 18.

## MAHLER (JOHANN ANDREAS).

See LEMERY (NICOLAS), 1709.

He was Respondens for a dissertation with Fr. Hoffmann as Præses: Dissertatio medica inauguralis tradens praxin clinicam et compendiosam febrium,

## MAIER (MICHAEL).

Atalanta Fugiens, hoc est, Emblemata Nova de Secretis Naturæ Chymica,

Accommodata partim oculis & intellectui, figuris cupro incisis, adjectisque

MAIER (MICHAEL). *Continued.*

sententiis, Epigrammatis & notis, partim auribus & recreationi animi plus minus 50 Pugis Musicalibus trium Vocum, quarum duæ ad unam simplicem melodiam distichis canendis peraptam, correspondeant, non absq; singulari jucunditate videnda, legenda, meditanda, intelligenda, dijudicanda, canenda & audienda: Authore Michaele Majero Imperial. Consistorii Comite, Med. D. Eq. ex. &c. Oppenheimii Ex typographia Hieronymi Galleri, Sumptibus Joh. Theodori de Bry, M DC XVIII.

4°. Pp. 211 [3, 2 blank]. Title within an engraved border. Portrait of Maier, so engraved emblematic pictures, with an 'epigramma,' each of which is set to music,

For a later edition, see 'Scrutinium Chymicum,' 1687.

Michaelis Majeri, Imperial. Consistor. Comit. Med. D. Eq. Ex. &c. Chymisches Cabinet, derer grossen Geheimnussen der Natur, durch wohl ersonnene sinnreiche Kupfferstiche und Emblemata, auch zu mehrerer Erlenchtung und Verstand derselben, mit angehefften sehr dienlich- und geschickten Sententien und Poëtischen Überschriften, dargestellt und ausgezieret. Welches, nachdeme es wegen vieler darinn entdeckten raren Geheimnussen und Erläuterung der Philosophischen Subtilitäten, von verschiedentlichen hocherlenchtenden und zu grossen Künsten sich applicirenden Liebhabern zum öffteren begehret und verlanget worden; Der Chymischen Republic und dero Liebhabern, zur Speculation, Betracht- und Untersuchung aus wohlmeinender Veneration und Liebe zum zweyten mahl in der Lateinischen Sprach ausgefertiget, vor jetzo aber zum ersten mahl in das Hochteutsche übersetzt ist; von G A. K. der Philosophischen Künsten Liebhabern. Deme beygefüget ist, eine Application des Hoben Lied Salomonis, auff die Universal-Tinctur der Philosophorum. Franckfurt, Verlegt Georg Heinrich Oehrling, Anno 1708.

4°. Pp. [4] 153 [1 blank] 50 emblematic engravings.

This is a German translation of the *Scrutinium Chymicum*.

Examen Fucorum Pseudo-Chymicorum Detectorum et in Gratiam Veritatis Amantium succincte refutatorum. Authore Michaele Maiero, Com. Pal. Eq. Ex. Med. D. Francofurti Typis Nicolai Hoffmanni, sumptibus Theodori de Brij, Anno M.CDXVII.

4°. Pp. 47 [1 blank]. Vignette.

Lusus Serius, quo Hermes sive Mercurius Rex Mundanorum Omnium sub Homine existentium, post longam disceptationem in Concilio Octovirali habitam, homine rationali arbitro, judicatus & constitutus est. Authore Michaele Majero Com. Pal. Med. D.

Horat.

Omne tulit punctum, qui miscuit utile dulci.

Oppenheimii Ex Chalcographia Hieronymi Galleri, Sumptibus Lucæ Jennis Bibliop. 1616.

4°. Pp. 79 [1 blank]. Vignette.

[Another Copy.]