

\* Jonathan A. Hill  
Bookseller \*

\* Mostly Recent  
Acquisitions \*

\* Catalogue 215

New York \* 2015



Item 56. *Holland*, 1728 (reduced)

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# Jonathan A. Hill, Bookseller

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TERMS ARE AS USUAL: Any book returnable within five days of receipt, payment due within thirty days of receipt. Persons ordering for the first time are requested to remit with order, or supply suitable trade references. Residents of New York State should include appropriate sales tax.



Subject index at end

*Additional illustrations of many of these books can be found on my webpage*

Catalogue format by Abe Lerner,

with cover and front matter design by Jerry Kelly

## Catalogue 215

- 1. ACADÉMIE ROYALE DE CHIRURGIE, PARIS.** *Recueil des Pièces qui ont concourru pour le Prix de l'Académie Royale de Chirurgie.* Five vols. Large 4to, early 19th-cent. mottled calf, sides panelled & decorated in gilt, spines richly gilt, red & green morocco lettering pieces on spines, a.e.g. Paris: 1770-57-86-78-97. \$3500.00

A very important collection. With Vol. IV the title becomes *Mémoires sur les Sujets proposés pour le Prix de ....* A mixed set from various editions.

A very attractive collection in handsome state, from the library of François-Joseph Moreau (1789-1862), the well-known obstetrician-gynecologist and a highly regarded professor of these subjects (see Hirsch, IV, p. 260).

- 2. ACADÉMIE ROYALE DE CHIRURGIE, PARIS.** *Mémoires de l'Académie Royale de Chirurgie.* 89 engraved plates (12 folding). Five vols. Large 4to, early 19th-cent. mottled calf, sides panelled & decorated in gilt, spines richly gilt, red & green morocco lettering pieces on spines, a.e.g. Paris: 1787-69-78-84-74. \$6000.00

Reprint of this great collection of medical texts which had originally been published starting in 1743 and very quickly went out of print. One finds here memoirs of the most important French doctors and surgeons of the time



Items 1 & 2. *Académie Royale de Chirurgie* (greatly reduced)

including: R.J. Croissant de Garegeot, F. de la Peyronie (Garrison-Morton 4163—"La Peyronie's disease"), A. Levret, H.F. Le Dran (Garrison-Morton 2607—"Important discussion on cancer"), J.L. Petit, F. Quesnay, etc.

A very fine and pretty set, from the library of François-Joseph Moreau (1789-1862), the well-known obstetrician-gynecologist and a highly regarded professor of these subjects (see Hirsch, IV, p. 260). His name is stamped at the foot of each volume. With his bookplate.

*A Comprehensive Work on Plastic Surgery*

3. **AMMON, Friedrich August von & BAUMGARTEN, Moritz.** *Die plastische Chirurgie nach ihren bisherigen Leistungen kritisch dargestellt.* xxvi, 310 pp. 8vo, cont. patterned green cloth, spine nicely gilt in the Romantic style, a.e.g. Berlin: G. Reimer, 1842. \$4500.00

First edition and a lovely copy of this notable work on plastic surgery, one of the most comprehensive works on the subject up to that time. Ammon (1799-1861), was also well known in the field of ophthalmology for his great atlas of eye pathology, the best summary of knowledge of eye diseases before the invention of the ophthalmoscope. In plastic surgery, Ammon exerted a tremendous influence through his critical reports and his publication of new methods, especially for the areas of the lips and eye lids. Ammon was Zeis's teacher.

A very fine and pretty copy with the stamp of Doctor Monoyer, professor of the Paris Faculty of Medicine, on title. With the added title page announcing this book was awarded the prize of the Medical Society of Ghent.

• Garrison-Morton 5744. Gnudi & Webster, p. 325. Zeis 463.

*Edmund Halley's Edition*

4. **APOLLONIUS, of Perga.** *Apollonii Pergaei De Sectione Rationis Libri Duo ex Arabico MSto. Latine Versi. Accedunt eiusdem De sectione Spatii Libri Duo Restituti. Opus Analyseos Geometricae studiosis apprime Utile. Praemittitur Pappi Alexandrini Praefatio ad VIIimum Collectionis Mathematicae nunc primum Graece edita, cum Lemmatibus eiusdem Pappi ad hos Apollonii Libros.* Opera & studio Edmundi Halley... Numerous woodcuts in the text. Much Greek printing. 5 p.l., liii, 168 pp. 8vo, cont. panelled calf, remains of label on spine. Oxford: Sheldonian Theatre, 1706. \$6500.00

First edition of Halley's translation of Apollonius's "cutting off a ratio" from an Arabic manuscript. This text of Apollonius, like Books V-VII of the *Conics*, survives only in Arabic, and in this case the Arabic remains unpublished.

"Much of Halley's scholarship was exercised upon the works of Apollonius of Perga, one of the greatest mathematicians of antiquity, and indeed of all time,

# APOLLONII PERGÆI

DE

## SECTIONE RATIONIS

LIBRI DUO

EX ARABICO MS<sup>o</sup>. Latine Verfi.

ACCEDUNT

Ejusdem de SECTIONE SPATII

Libri Duo Restituti.

Opus Analyseos Geometricæ studiosis apprime Utile.

PRÆMITTITUR

PAPPI ALEXANDRINI Præfatio  
ad VII<sup>um</sup> Collectionis Mathematicæ,  
nunc primum Græce edita :

Cum Lemmatibus ejusdem PAPPI ad hos  
*Apollonii* Libros.

---

Opera & studio EDMUNDI HALLEY  
Apud OXONIENSES  
Geometriæ Professoris Saviliani.

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O X O N I I,  
E THEATRO SHELDONIANO  
Anno MDCCVI.



who flourished in the latter part of the third century B.C. One of his minor works, *Sectio rationis* (Cutting-off of a ratio), an exercise in geometrical algebra, was thought to be lost until an Arabic translation of it was found among the Selden manuscripts in the Bodleian and identified by Edward Bernard, the Savillian Professor of Astronomy. Bernard set about translating it into Latin; but the manuscript was very defective and he soon laid the task aside. His successor, David Gregory, made a fair copy of the original for the use of Henry Aldrich, Dean of Christ Church, at whose invitation Halley, upon succeeding Wallis in the Savillian Chair of Geometry, undertook to complete the translation. He had never previously studied Arabic; but, using as a key the few passages translated by Bernard, he eventually made out the meaning of the text. He proceeded to restore the lost companion tract, *Sectio spatii*, following hints from Pappus. He gave his reasons for regrading the works as genuine; and he included in his edition the earliest printed Greek text of Pappus's preface to the seventh book of his *Synagoge* (Collection).—Angus Armitage, *Edmond Halley*, p. 160.

Five hundred copies of this book were printed and, by 1713, 122 copies were remaindered.

From the library of Jacob Bronowski (1908-74), the mathematician, biologist, historian of science, poet, and inventor.

#### *The Foundation of the Canning Industry*

5. **APPERT, Nicolas.** *L'Art de conserver, pendant plusieurs Années, toutes les Substances animales et végétales.* One folding engraved plate. xxxii, 116 pp. 8vo, cont. red morocco-backed paste-paper boards, flat spine nicely gilt. Paris: Patris, 1810. \$2750.00

First edition. One of the great achievements of the 19th century in respect to food was the successful development of canning. The pioneer in this field was the Frenchman, Nicolas Appert (1750-1841).

In Appert's process the foodstuff was placed in clean bottles, well corked, and subsequently the bottles were raised to the boiling-point of water. In this way the most perishable material could be kept unchanged for a long time. With this method Appert demonstrated practically the process of pasteurization, nearly fifty years before its scientific explanation. Appert published his discovery in the present book which served as the foundation of the vast canning industry of today and altered the food habits of man.

Handsome copy with the signature of Appert against counterfeits on the verso of the half-title. Bound in between Farnaud's *Exposé des Améliorations introduites depuis environ Cinquante Ans dans les diverses Branches de l'Économie rurale* (Gap: 1811) and Fontalard's *Principes raisonnées de l'Agriculture* (Paris: 1793).

✠ Bitting, pp. 13-14. Bulloch, *The History of Bacteriology*, pp. 44-45. *En Français dans le Texte* 220.

*Classic Commentaries*

6. **ARISTOTELES.** *Commentaria...Egidii Romani in libros de generatione & corruptione Aristotelis cum textu intercluso singulis locis. Questiones...super primo libro de generatione nunc quidem primum in publicum prodeuntes. Questiones...Doctoris Marsilii Inghen in prefatos libros de generatione...Item questiones...Magistri Alberti de saxonía in eosdem libros de gene. ultra nusq. impressæ.* Woodcut initials & woodcut publisher's device at end. Two columns, Gothic type. 155, [1] leaves. Folio, attractive antique vellum-backed wooden boards (lower outer blank corners of a number of leaves repaired, occasional staining). [Venice: B. Locatellus for O. Scotus, 6 Sept. 1504]. \$6000.00

An important early edition of Aristotle's *De Generatione et Corruptione*; this is, I believe, the first to contain the three additional commentaries of Egidio Colonna (d. 1316), Marsilius of Inghen (d. 1396), and Albert of Saxony (ca. 1316-90). The *De Generatione et Corruptione* is one of Aristotle's most important writings on physics and natural science, written during his years at Plato's Academy.

Colonna (d. 1316), also known as Giles of Rome, was a disciple of Thomas Aquinas while a student in Paris. Colonna was the first Augustinian appointed to teach in the University of Paris and his deep learning earned for him the title of *Doctor fundatissimus*. In 1295 he was appointed Archbishop of Bourges by Pope Boniface VIII.

"Although mainly a philosopher and theologian, Giles frequently dealt with problems relating to natural philosophy, notable in his commentaries on Aristotle. Moreover, he did so in a style distinctive enough to place him in the first rank of those thinkers who have made a positive contribution to the scientific thought of their time (see Maier, *Die Vorläufer Galileis*, p. 2)..."

"[His commentary on] the *De generatione et corruptione*...became [a] classic, and was often utilized by such fourteenth-century physicists as Buridan and Marsilius of Inghen, who considered Giles the *communis expositor* of the *De generatione*."—*D.S.B.*, V, pp. 402-03.

Marsilius was a high official at the Universities of Paris and Heidelberg and his "chief contributions to science lay in the field of physics...His work places him among the Parisian masters who may be considered to be the precursors of Leonardo and Galileo and the formers of the new physics of the fifteenth and sixteenth centuries."—*D.S.B.*, IX, p. 136.

Albert of Saxony was a prominent teacher on the faculty of arts at Paris. "Albert's significance in the history of science is primarily that of a transmitter and an intelligent compiler of scientific ideas directly drawn from the works of Buridan, Thomas Bradwardine, William of Ockham, Burley, Oresme, and other writers in the medieval scientific tradition."—*D.S.B.*, I, p. 94.

Very good copy. No copy in *N.U.C.*, OCLC.

♣ Adams A-1792—(false collation).

*Bibliotheca Bridgeana Catalogus:*

OR, A

# CATALOGUE

OF THE

Entire LIBRARY of

**JOHN BRIDGES,**

Late of *Lincoln-Inn*, Esq.

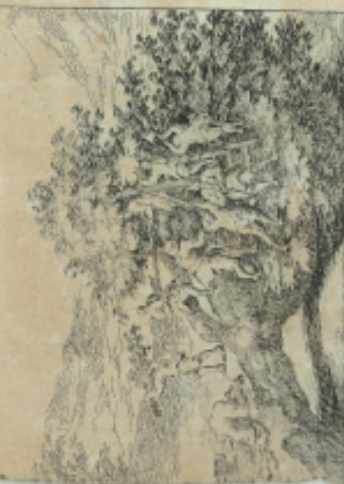
Consisting of

Above 4000 Books and Manuscripts in all Languages and Faculties; particularly in Classics and History; and especially the History and Antiquities of *Great-Britain* and *Ireland*: which will begin to be sold by Auction on *Monday* the seventh Day of *February* 1725, at his Chambers in *Lincoln-Inn*, No 6.

L O N D O N:

Printed by *J. Twiss* and *J. Watts*, and to be Sold at most Bookellers in Town and Country, MDCCXXV.

ΔΡΥΟΣ ΤΕΣΣΕΡΩΝ ΠΑΣΩΝ ΒΟΥΠ  
ΕΥΑΓΓΕΛΙΟΝ



*J. M. de la Roche & Co. del.*

*A "Very Knavish" Sale*

**7. (AUCTION CATALOGUE: BRIDGES, John).** *Bibliothecae Bridgesianae Catalogus: or, a Catalogue of the Entire Library of John Bridges, Late of Lincolns-Inn, Esq; Consisting of Above 4000 Books and Manuscripts in all Languages and Faculties; particularly in Classics and History; and especially the History and Antiquities of Great-Britain and Ireland: which will begin to be sold by Auction on Monday the seventh Day of February 1725/6, at his Chambers in Lincolns-Inn, No 6. Engraved allegorical frontis (slightly cropped at outer margin). 3 p.l. (incl. frontis.), 199 pp. 8vo, attractive blue morocco-backed boards, spine lettered in gilt. London: Printed by J. Tonson & J. Watts, 1725/26. \$1500.00*

The English issue of the sale catalogue of the library of John Bridges (1666-1724), historian of Northamptonshire. Bridges left his fine library to his two brothers, who prepared an inventory catalogue in 1725 for sale. Their efforts were apparently fruitless as the books were sent to auction before the year was out.

There are two issues of the present auction catalogue: the English issue with the title in English and a frontispiece, and a second issue with two title-pages, one in Latin and another in French. The continental issue was prepared in order to attract bids from dealers and collectors from Europe. It is generally not recognized that attempts were made by English auctioneers in the early 18th century to generate business from the Continent.

Dibdin called Bridges "a notorious book-collector." The library contained over 4000 books and MSS. It was notably rich in the history and antiquities of Great Britain and Ireland. There was a scandal surrounding the sale as Bridges's two brothers were quite obviously bidding up the books. Humphrey Wanley, who was a buyer at the sale for Robert Harley's library, described the sale as "very knavish."

A very good and crisp copy.

♣ *D.N.B.*, II, pp. 1229-30—"the catalogue of his library was long retained as valuable by curious collectors." Fletcher, *English Book Collectors*, pp. 156-58. See Pollard & Ehrman, p. 212, Table XXV, & no. 222 for the inventory catalogue of earlier in the same year. Taylor, *Book Catalogues*, pp. 193 & 206.

*See item 31 for the inventory catalogue of Bridges's library*

**8. (AUCTION CATALOGUE: CAILLARD, A.B.).** *Catalogue des Livres rares et précieux de la Bibliothèque de feu M. Ant. Bern. Caillard...* xxiii, [1], 423 pp. 8vo, 19th-cent. polished calf-backed marbled boards (short crack at foot of upper joint, some browning), spine gilt. Paris: De Bure père et

files, 1808.

\$1500.00

The first issue of the auction catalogue of Caillard's library. The present catalogue (2650 lots and limited to 1200 copies) was published for the auction which was eventually held in 1810 (the second issue has 1810 on the title). This was an important library containing notable incunabula, classical texts, scientific and natural history works, and voyages in the finest possible condition and often printed on large paper. Also included are fine bindings and MSS.

Antoine Bernard Caillard (1737-1807), had issued a privately printed catalogue of his library, limited to 25 copies only, in 1805. Caillard was a French diplomat and man of letters.

A very good copy. Without the rare four-page schedule of sale at end.

• Brunet, I, 1643. *Grolier Club, Printed Catalogues of French Book Auctions...* 1643-1830, 497. *N.B.G.*, VIII, pp. 108-09—"Il avait formé à grands frais une bibliothèque magnifique." Peignot, p. 87—"On y trouve quelques notes bibliographiques plus ou moins exactes. Destiné pour une vente, c'est un fort bon catalogue."

**9. (AUCTION CATALOGUE: CROFTS, Thomas).** *Bibliotheca Croftsiana. A Catalogue of the Curious and Distinguished Library of the late Reverend and Learned Thomas Crofts, A.M....and Fellow of the Royal and Antiquary Societies, deceased: which will be sold by Auction, by Mr. Paterson...on Monday, April 7. 1783. and the Forty-Two following Days.* xvi, 420 pp. 8vo, cont. diced russia, double gilt fillet round sides, spine gilt, orig. red morocco lettering piece on spine. [London: 1783].

\$1250.00

A very handsome copy. This was a grand library of 8360 lots, notable for its Italian books, which De Ricci considered "the finest library of old Italian books yet seen in England; his sale (7 April 1783) also contained a number of fine French chivalry-romances" (p. 56). Crofts (1722-81), also had much fine early music, Spanish novels, Scandinavica, Polonica, and Eastern travel.

Fine crisp copy.

• Gustave Brunet, *Dictionnaire de Bibliologie Catholique*, col. 562. Taylor, *Book Catalogues*, pp. 169—"few eighteenth-century English libraries show such a preponderance of cinquecento books" (and see pp. 168 & 238).

**10. (AUCTION CATALOGUE: ENSCHEDÉ, Izaak, Johannes, & Dr. Johannes).** *Catalogue de la Bibliothèque (Manuscrits / Ouvrages xylographiques / Incunables / Ouvrages d'estampes / Livres curieux et rares /) formée pendant le 18e siècle par Messieurs Izaak, Iohannes et le Dr. Ioannes Enschedé, imprimeurs-libraires à Haarlem.* Frontis. port. of Joh. Enschedé, "typefounder and printer," drawn and engraved in 1788 by Cornelis van

Noorde (1731-1795) & two folding plates. xxviii, 266 pp. 8vo, modern paste-paper boards (upper printed wrapper bound-in), red morocco lettering piece on spine. Amsterdam: F. Muller; The Hague: M. Nijhoff, 9 December, 1867 & following days. \$950.00

The sale catalogue of the extraordinarily rich collection of MSS. and early printed books formed by the first generation of scholarly Dutch printers whose publishing and printing house flourishes to the present day under the name Joh. Enschedé en Zonen. Izaak (1681-1761), established the firm in 1703 in Haarlem, and, in collaboration with his son, Johannes I (1708-80), enlarged it considerably, adding a typefoundry which became the foremost in the Netherlands. Johannes III (1785-1866), doctor of law, added considerably to the house's book collection which, of course, was especially rich in Dutch MSS. and early printed books. 3009 lots.

Very good copy.

*"Véritablement Curieux"*

**11. (AUCTION CATALOGUE: [ESSLING, François Victor Masséna, Prince d']).** *Catalogue de Livres rares et précieux (Anciennes Poésies, Romans de Chevalerie, Chroniques, etc.) provenant de la Bibliothèque de M. Le P. d'E\*\*\*\*\*.* Dont la Vente se fera le 3 Mai 1847, et les cinq Jours suivants... vi, 95, [1] pp. 8vo, orig. cloth by Trautz-Bauzonnet, spine gilt, red leather lettering piece on spine. Paris: Techener, 1847. \$750.00

"Deuxième Édition." The sale was originally scheduled to be sold on 16 February 1846 and a catalogue, dated 1845, was published. However, the sale did not take place as the entire collection was purchased by Techener who then reoffered it at auction in 1847 with the present catalogue. Largely priced with buyers' names in a contemporary hand. The British Museum and Yéméniz were important buyers.

Fine copy. Presentation copy, inscribed "A Monsieur le Baron Sellières son très humble serviteur J. Techener."

♣ Brunet, I, 1644—"Ce catalogue, véritablement curieux, n'a que 413 articles, mais il présente la plus riche collection de romans de chevalier que l'on connaisse."

**13. (AUCTION CATALOGUE: GARDNER, J.D.).** *Catalogue of the Principal Portion of the Valuable Library of John Dunn Gardner, Esq. of Chatteris, Cambridgeshire, removed from his late Residence, Bottisham Hall, near Newmarket.* 191 pp. 8vo, orig. printed wrappers bound in attractive modern green half-morocco & marbled boards, spine gilt, a.e.g. London:



S. Leigh Sotheby & J. Wilkinson, 6th July, 1854 and Ten following Days.  
\$300.00

"The valuable library of John Dunn Gardner, sold in 1854, contained some fine Caxtons and other English books, among which were some splendid early English Bibles."—De Ricci, p. 140. Gardner also had fine first editions of Don Quixote, Homer, etc. A fine copy, ruled in red throughout and priced in a contemporary hand.

*Book Collecting as Therapy*

**14. (AUCTION CATALOGUE: [GIRARDOT DE PRÉFOND, Paul]).** *Catalogue des Livres du Cabinet de Mr. G... D... P...* Par Guillaume-Franç. De Bure, le jeune. 3 p.l., lv, [1], 241 pp. 8vo, cont. mottled calf (head of spine a little worn), triple gilt fillet round sides, spine gilt, red morocco lettering piece on spine. Paris: G.F. De Bure, 1757. \$2750.00

One of the choicest and most celebrated collections formed in France during the 18th century, this copy has been priced throughout in a contemporary hand. Girardot, a timber merchant, on his retirement from business, became depressed. As Bogeng relates, his doctor, Hyacinthe Baron, himself an important collector, advised him to cure his melancholia by forming a library. The result is recorded in De Bure's excellently compiled catalogue. Many of the books and MSS. in the collection were bound by Padeloup in the most luxurious fashion. 1428 lots with nine scientific instruments also sold at the end. One of the principal buyers was the Duc de La Vallière. Immediately upon having sold this collection, Girardot embarked upon forming a second, which he sold in 1769 for 50,000 francs to Count Mac-Carthy, displaying both great taste and business acumen.

Very attractive copy.

♣ Grolier Club, *Printed Catalogues of French Book Auctions...1643-1830*, 135. Guigard, II, p. 235—"Ce catalogue est très estimé." Peignot, p. 100—"Catalogue très estimé." Pollard & Ehrman no. 287. Taylor, *Book Catalogues*, p. 256.

**15. (AUCTION CATALOGUES: LA BÉDOYÈRE, Noël François Henri Huchet, Comte de).** *Catalogue des Livres rares et précieux de la Bibliothèque de M. le Comte de La Bédoyère, dont la vente se fera le mardi 4 avril 1837 et les vingt-deux jours suivants, à...Maison Silvestre...* 3 p.l., x, 214 pp., 1 leaf. 8vo, cont. red boards, flat spine gilt, uncut. Paris: Silvestre, 1837.

[bound with]:

**(VEINANT, Auguste Alexandre).** *Catalogue des Livres rares et précieux du Cabinet de M. \*\*\** [name supplied in a contemporary hand: "Veinant"] dont la Vente aura lieu le jeudi 20 décembre 1855 et jours suivants. vi, [2], 118 pp. 8vo, uncut. Paris: E. Tross, 1855. \$1250.00

Two important catalogues, attractively bound together. Each priced throughout in a contemporary hand.

I. The sale catalogue of the first library formed by La Bédoyère (1782-1861), one of the best-known French book collectors of the 19th century. The son of one of Napoleon's generals, La Bédoyère was a high officer in the Gardes du Corps of Louis XVIII and Charles X and chevalier of Saint-Louis and of the Légion d'honneur. Known as one of the most discerning and rigorous collectors, he envisioned forming a library of the best early and modern editions in the most splendid examples. He bought from the leading dealers and made important acquisitions at the sale of Caillard in 1810 and the sales of d'Ourches and Firmin Didot in 1811.

When buying modern luxury books, he often bought five or six copies printed on the finest paper and selected the best leaves from each to form one "extra" superior copy. He sought with great ardor copies of proofs before letters and the original watercolors and drawings which he bound in the most sumptuous style.

"Très-belle bibliothèque, formée par un amateur plein de zèle et très-difficile. Les reliures de Du Seuil, de Padeloup, de Derome sont nombreuses, ainsi que les ouvrages non rognés."—Gustave Brunet, *Dictionnaire de Bibliologie Catholique*, col. 476.

The sale of 1750 lots produced the large sum of 108,753 fr. Immediately after this sale, La Bédoyère started collecting again and the second library was sold in 1862, after his death.

This copy lacks the index.

II. Veinant (d. 1859), formed one of the finest private libraries in Paris of the period. An extremely active collector from his earliest days, Veinant knew all the dealers and fellow collectors and frequented the sales rooms. He had the reputation of being extremely difficult and at the same time being one of the most knowledgeable of bibliophiles.

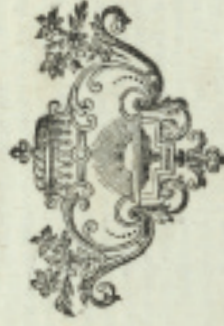
Fine copies.

♣ I. Guigard, II, pp. 269-70—this sale "passait pour l'une des plus riches de son époque, tant par le choix, le nombre et la variété des sujets, que par le luxe de l'ornementation et de la reliure." II. Gustave Brunet, *Dictionnaire de Bibliologie Catholique*, cols. 111 & 541-42.

**16. (AUCTION CATALOGUE: LACROIX, Paul).** *Catalogue des Livres et des Manuscrits, la plupart relatifs à l'Histoire de France, composant la Bibliothèque du Bibliophile Jacob* [i.e. Paul Lacroix]. 1 p.l., vi, 352 pp. 8vo, orig. blue wrappers (stitching to first few quires a little loose), uncut. Paris:

CATALOGUE  
DES LIVRES  
DE FEU  
M. LANCELOT.

D E  
L'ACADEMIE ROYALE  
des Beaux-Lettres.



Livres avec Notes Manuscrites.

[illegible]

Techener, 1839.

\$950.00

The very uncommon sale catalogue of the French history collection of Paul Lacroix (1807-1884), collector, novelist, publisher, translator, bibliographer, and librarian of the Arsenal. He was known as "Bibliophile Jacob."

"Ce catalogue offre une spécialité particulière, celle de l'histoire de France; les trois quarts environ des volumes enregistrés rentrent dans cette catégorie. Des notes nombreuses font ressortir ce qu'offrent d'intéressant des ouvrages assez peu connus."—Gustave Brunet, *Dictionnaire de Bibliologie Catholique*, col. 472. The sale started on 24 February 1840.

1945 lots. The sale was catalogued by the collector himself. As usual, without the "Tables des Auteurs" which was published subsequently.

**17. (AUCTION CATALOGUE: LANCELOT, Antoine).** *Catalogue des Livres de feu M. Lancelot, de l'Academie Royale des Belles-Lettres*. Woodcut device on title. 4 p.l., 424 (i.e. 416) pp., 76\* pp. 8vo, cont. mottled calf, flat spine richly gilt, red morocco lettering piece on spine. Paris: G. Martin, 1741. \$2500.00

The scarce sale catalogue of the library of Antoine Lancelot (1675-1740), French historian and archeologist and Inspector of the Collège Royal, who assisted Bayle with his *Dictionnaire Critique* and worked with Mabillon on various scholarly projects. Lancelot served as under-librarian of the Collège Mazarin where he deciphered many of its early manuscripts and arranged the archives.

This was a large and fine library of 6000 lots (often with several books in a lot), particularly rich in French history, and including 240 manuscripts. In his introduction, Martin explains that he has reprinted Lancelot's own manuscript catalogue with his notes, though somewhat differently classified. The second part, lots numbered 4,745 to 6,000, lists the books acquired by him after the completion of Lancelot's own catalogue.

Very nice copy with the scarce supplement.

♣ *Biographie Universelle*, Vol. 23, pp. 322-24. Gustave Brunet, *Dictionnaire de Bibliologie Catholique*, col. 479—"Catalogue important." Grolier Club, *Printed Catalogues of French Books Auctions... 1643-1830*, 59. Peignot, p. 107. Pollard & Ehrman no. 278.

*"Extravagantly Rich in Books Printed on Vellum"*

**18. (AUCTION CATALOGUE: MAC-CARTHY-REAGH).** *Catalogue des Livres rares et précieux de la Bibliothèque de feu M. le Comte de Mac-Carthy Reagh*. Two folding engraved facsimiles (one in red & black). xxviii, 583 pp.; 2 p.l., 473 pp.; 15 pp. Three parts in two vols. 8vo, cont. sheep-backed green boards (joints a little rubbed), flat spines gilt. Paris: De

Bure, 1815.

\$1350.00

De Ricci described the Mac-Carthy-Reagh library as “extravagantly rich in books printed on vellum” and the Duke of Devonshire was inspired to put in a bid of 20,000 pounds for the collection which in fact brought only some 16,000 pounds when it came up for auction in 1817. The mysterious Mac-Carthy-Reagh had been a collector on a grand scale, purchasing Girardot de Préfond’s collection *en bloc* in 1769 and leaving a library which took over 6000 lots to sell at auction, admirably catalogued by the De Bure brothers.

The 15-page “Ordre des Vacations” is bound-in at the end of Vol. II.

Very good crisp set.

♣ Grolier Club, *Printed Catalogues of French Book Auctions . . . 1643-1830*, 567. De Ricci, p. 80.

*“Collection fort Importante”–Brunet*

**19. (AUCTION CATALOGUE: MOREL-VINDÉ, Charles-Gilbert, Vicomte de & PAIGNON-DIJONVAL, Gilbert).** *Catalogue des Livres rares et précieux, des Manuscrits, etc. de la Bibliothèque rassemblée par feu M. Paignon Dijonval, et continuée par M. le Vicomte de Morel-Vindé, Pair de France.* Dont la Vente se fera le lundi 17 mars 1823, et jours suivans... xvi, 4, 489 pp. 8vo, cont. sheep-backed marbled boards, flat spine gilt. Paris: De Bure frères, 1822. \$3000.00

The large and fine library formed by Paignon-Dijonval (1708-92), was inherited by his grandson, Morel-Vindé, who made important additions to it. Morel-Vindé (1759-1842), the author of the *Déclaration des Droits de l'Homme et du Citoyen* (1790), was active as an agronomist. He served as a member of Parlement and became Pair de France in 1815; Louis XVIII created him baron and vicomte.

This library of 3216 lots contained books and manuscripts of the highest quality. The most expensive item of the sale was lot 71, a 15th-century *Breviary* from the La Vallière sale with 41 miniatures, some in *grisaille* (1600 francs to Crozet). The library was quite rich in the sciences, including, quite predictably, agriculture.

Fine copy. Pages 455-85 contain an extremely useful author index and, even better, an index of anonymous works.

♣ Gustave Brunet, *Dictionnaire de Bibliologie Catholique*, col. 498–“Collection fort importante.” *N.B.G.*, Vol. 36, cols. 528-29.

**20. (AUCTION CATALOGUE: MOTTELEY, J. Charles).** *Catalogue des Livres de la Bibliothèque de M. Motteley, composée d'une Collection considérable d'Elzéviros et autres beaux Livres et Manuscrits rares, précieux et singuliers, la plupart reliés par Desseuil, Padeloup, Derome, Simier, Purgold, Thouvenin et*

# CATALOGUE DES LIVRES

RARES ET PRÉCIEUX,  
DES MANUSCRITS, ETC.

DE LA BIBLIOTHÈQUE RASSEMBLÉE PAR FEU M. PAIGNON  
DUONVAL, ET CONTINUÉE PAR M. LE VICOMTE DE  
MOREL-VINDÉ, PAIR DE FRANCE.

*Dont la Vente se fera le lundi 17 mars 1823, et  
jours suivans, à six heures très précises de relevée,  
en l'une des Salles de l'Hôtel de Bullion, rue  
J. J. Rousseau, n° 3.*

Les Adjudications seront faites par M<sup>c</sup> BONNETON DE LA  
VIALLE, Commissaire-Priseur, rue Saint-Marc, n° 14.

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A PARIS,

CHEZ DE BURE frères, libraires du Roi, et de la Bibliothèque  
du Roi, rue Serpente, n° 7.

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1822.



*Vogel*; dont la vente se fera le jeudi 2 décembre 1824, et jours suivans... 4 p.l., 219, [1] pp., one leaf with schedule of the sale. 8vo, attractive antique blue calf-backed boards, spine gilt, uncut. Paris: Silvestre, 1824.  
\$950.00

An important sale. "Ce catalogue renferme une réunion très-nombreuse de livres imprimés par les Elzeviers; il en est de très-rares et qui étaient jusqu'alors restés inconnus aux bibliographes."—Brunet, *Dictionnaire de Bibliologie Catholique*, col. 498. A large number of Motteley's books come from the libraries of de Thou and the Comte d'Hoym.

We learn from the same source that Motteley (1778-1850), lived as a hermit, alone and isolated in a rundown apartment. He was afraid to make home repairs because of his fear of disturbing the treasures on which he had spent so much money.

Of the 2173 lots, approximately 550 are attributed to the Elzeviers; a number of the items are accompanied by useful printed notes and include an expansive contribution by Charles Nodier on lot 533.

Fine copy.

♣ Grolier Club, *Printed Catalogues of French Book Auctions...* 1643-1830, 587.

**21. (AUCTION CATALOGUE: [MOTTELEY, J. Charles]).** *Catalogue d'anciens Livres et Manuscrits de la Bibliothèque de M. \*\*\**, composé en partie d'ouvrages rares, précieux ou singuliers, et dont quelques uns en belles Reliures anciennes... la vente aura lieu le 15 février 1842 et jours suivants... vii, [1], 335, [3] pp. 8vo, orig. blue wrappers, uncut. Paris: Silvestre, 1841.  
\$750.00

An important sale, the second of two of Motteley's books. "Cette collection nombreuse contient des manuscrits, des livres imprimés sur vélin, des ouvrages curieux en tout genre, sans offrir cependant de véritables trésors bibliographiques. On remarque quelques volumes aux armes d'Henri II, d'Anne d'Autriche, de Richelieu, de Mazarin."—Brunet, *Dictionnaire de Bibliologie Catholique*, col. 499.

Very fine copy. 2652 lots.

#### *A Bibliographer's Library*

**22. (AUCTION CATALOGUE: RIVE, Jean Joseph).** *Catalogue de la Bibliothèque des Livres de feu l'Abbé Rive, acquise par les Citoyens Chauffard et Colomby...* Mis en ordre par C.F. Achard. xvi, 159 pp.; 128 pp.; 64 pp. Three parts in one vol. 8vo, late 19th cent. green half-morocco & marbled

CATALOGUE  
DE LA  
BIBLIOTHÈQUE  
DES LIVRES  
DE FEU L'ABBÉ RIVE,

Acquise par les Citoyens CHAUFFARD  
ET COLOMBY,

Mis en ordre par C. F. ACHARD, M. D. M.  
*avec les grisp et des Notes par P. Joubert.*



A MARSEILLE;  
De l'Imprimerie de ROCHEBRUN ET MAZET;  
Quai de la Liberté.

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M. DCC. XCIH,  
L'An 2<sup>e</sup>. de la République Française;

boards, spine gilt. Marseilles: Rochebrun & Mazet, 1793. \$3500.00

The sale (or inventory) catalogue of the library of the prominent bibliographer Rive (1730-91), who, as librarian to the Duc de La Vallière from 1768 to 1780, was instrumental in the formation of what became the finest private library of the 18th century. Rive had a considerable contemporary reputation as a bibliographer but his personality, irascible and querulous, caused him to participate in many controversies, both bibliographical and political. Following his employment with the Duc, Rive became librarian of the famous Méjan Library at Aix-en-Provence.

Rive's library was bought by Chauffard, "Juré-Priseur," and the bookseller Colomby in Marseilles. There is some debate whether this is an auction or inventory catalogue. The most precious book in the library, the Gutenberg Bible on paper, lacking two leaves, realized only 60 frs. The catalogue was prepared by Achard (1751-1809), originally a physician who ended his life as a librarian of the City of Marseilles, having published a first catalogue of its library in 1792.

Rive's bibliographical collection is described in the third part and contains many wonderful rarities.

A particularly fine copy with occasional prices in a contemporary hand. 2553 lots. Bookplate of Elz. Pin.

♣ Gustave Brunet, *Dictionnaire de Bibliologie Catholique*, cols. 556-57. Grolier Club, *Printed Catalogues of French Books Auctions...1643-1830*, 359. Peignot, p. 121. Pollard & Ehrman no. 214—(stating it is an inventory catalogue).

### 23. (AUCTION CATALOGUE: SECOUSSE, Denis François).

*Catalogue des Livres de la Bibliothèque de M. Secousse, Avocat en Parlement, de l'Académie Royale des Inscriptions et Belles-Lettres*. 1 p.l., xvi, 565 pp. 8vo, cont. mottled sheep, spine gilt, orange morocco lettering piece on spine. Paris: Barrois, 1755. \$1750.00

An uncommonly handsome copy of this catalogue which described a truly imposing collection on the history of France, very carefully arranged and catalogued by the owner himself. The collection was especially rich in ephemeral literature and contained no less than 400 portfolios of broadsides; La Vallière bought heavily at this sale. This exemplary catalogue was printed by Didot.

8227 lots, including MSS. Priced throughout in a contemporary hand.

Fine copy.

♣ Grolier Club, *Printed Catalogues of French Book Auctions...1643-1830*, 120. Guigard, II, p. 433. Peignot, pp. 123-24—"Ce catalogue, précieux par un immense collection des livres sur l'histoire de France." Taylor, *Book Catalogues*, p. 135.

- 24. (AUCTION CATALOGUE: SERVAIS, G.J.).** *Catalogue des Livres de la Bibliothèque de feu Monsieur Gaspar-Joseph de Servais; dont la vente se fera...le 3 octobre 1808, et jours suivans...* xvi, 440 pp. 8vo, cont. blue cloth-backed paste-paper boards, contrasting leather lettering piece on spine. Malines: P.J. Hanicq, 1808. \$1500.00

An important Belgian sale, containing over 400 incunables, including books from the presses of Fust & Schoeffer (the 1462 Bible), Sweynheym & Pannartz, Ulrich Zel (J. Chrysostomus, 1466), Colard Mansion, Johannes de Westphalia, Brothers of Common Life at Brussels, and many others. The collection was particularly strong in works on the history of the Low Country, botanical books, and bibliography.

"Servais, né en 1735, mort en 1807 à Malines; il aimait passionnément les livres. Sa bibliothèque était le fruit de cinquante années de soins assidus. Elle renfermait un grand nombre d'ouvrages précieux dont plusieurs avaient échappés aux bibliographes, et plus de 400 volumes imprimés au XVe siècle."—Gustave Brunet, *Dictionnaire de Bibliologie Catholique*, cols. 597-98.

Very good copy. Bookplate of J.W. Six.

♣ Blogie 54. Peignot, p. 124—"M. Servais étoit très versé dans la bibliographie, ce qu'attestent de nombreux manuscrits de sa composition indiqués dans ce catalogue."

*Large & Thick Paper Set, Ruled in Red, with Prices  
in a Contemporary Hand*

- 25. (AUCTION CATALOGUE: SUSSEX, Augustus Frederick, Duke of).** *Bibliotheca Sussexiana. The Extensive and Valuable Library of His Royal Highness the Late Duke of Sussex, K.G. &c. &c.* Engraved frontis. port. of Sussex (port. somewhat foxed). Six parts in one thick vol. 8vo, cont. calf (joints a little rubbed), with the stamp of "W. Nutt, Binder," single gilt fillet round sides, spine richly gilt, black leather lettering piece on spine (a little flaked), t.e.g. [London]: 1844-44-44-45-45-45. \$3750.00

A fine large and thick paper set, complete, of the sale catalogue of the library of Augustus Frederick, Duke of Sussex (1773-1843), the sixth son of George III. Our copy has been ruled in red throughout with prices in a contemporary hand. According to Breslauer only forty examples of the large paper copies were printed.

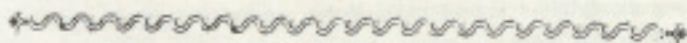
The Duke of Sussex formed a very large library with the assistance of the bibliographer Thomas Pettigrew. The great strength of the library lay in a remarkable collection of editions of the Bible, including the Gutenberg Bible. "The six sales of his collections (1844-1845) produced but a small portion of what he had spent on them, although he had bought with good judgment, because they took place in the years when prices were at their very lowest. The two biggest buyers were Sir Thomas Phillipps and the British Museum."—De Ricci, p.

Was hat die Stiftung  
der  
**A k a d e m i e**  
zur Aufklärung  
des  
**V a t e r l a n d e s**  
beygetragen?

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Abgelesen  
am **Stiftungstage**  
der hiesigen Akademie,  
den 28 März, 1783.

von  
**Ferdinand Maria Baader,**  
der Philosophie und Arzneywissenschaft Doktor,  
Kurfürstl. wirklichen Bihersensur- und Medicinalrath, der Kurfürstl.  
Akademie der Wissenschaften physikalischer Klasse, und des Naturalien-  
kabinetts Direktor, daselbst, und bey der herzoglich-marianischen  
Akademie öffentlichem Lehrer der Naturge-  
schichte, und Chemie.



München, 1783.  
Zu finden bey der Kurfürstl. Akademie der Wissenschaften.

118.

Augustus Frederick's "liberal political views estranged him from his father and the court, and excluded him from lucrative employments similar to those enjoyed by the other royal dukes. He supported the progressive political policies of his time, including the abolition of the slave trade, Catholic emancipation, the removal of the civil disabilities of Jews and dissenters, the abolition of the corn laws, and parliamentary reform."—ODNB.

A fine set. 14,107 lots; the total result being £19,179.16.6.

♣ Gustave Brunet, *Dictionnaire de Bibliologie Catholique*, cols. 585-87—(a long and detailed account of the sales).

**26. BAADER, Ferdinand Maria.** *Was hat die Stiftung der Akademie zur Aufklärung des Vaterlandes beygetragen? Abgelesen am Stiftungstage der hiesigen Akademie den 28 März, 1783.* 30 pp. Small 4to, orig. fine sheep (binding a little wormed). Munich: "zu finden bey der Kurfl. Akademie der Wissenschaften," 1783. \$1350.00

First edition and very rare; WorldCat locates no printed copy in the U.S. Baader (1747-97), a medical doctor, was a member of the Bavarian Academy of Sciences and director of the natural history cabinets at Munich. In this work, he describes the contributions made by the Academy which had benefitted Bavaria and the greater German nation. Areas of contribution were mathematics, chemistry, philosophy, and history.

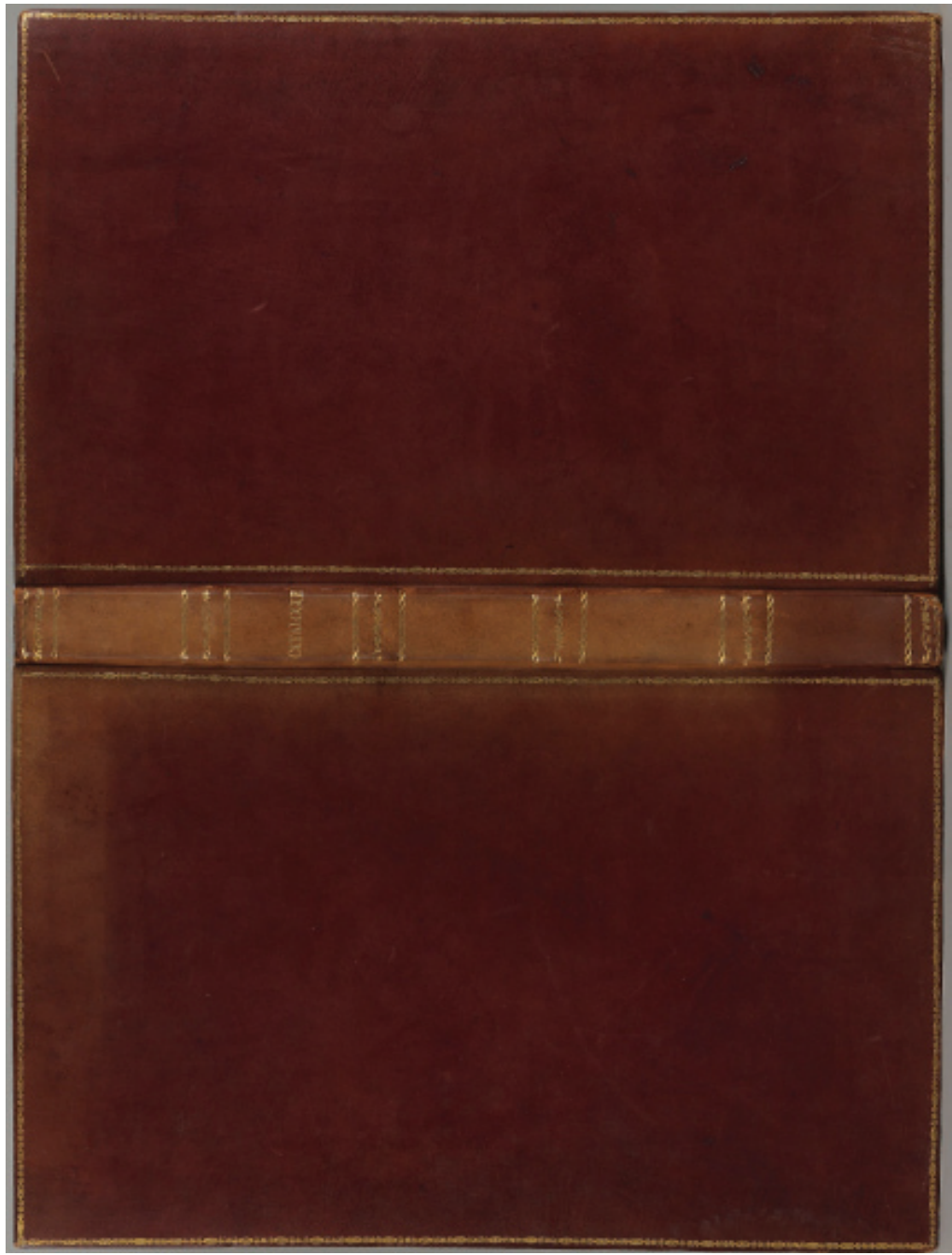
A very pretty copy from the Wittelsbach library of the dukes and kings of Bavaria.

♣ Poggendorff, I, 80.

**27. BAADER, Joseph von.** *Ueber einige der wichtigsten Fortschritte welche im Maschinenwesen seit dem Anfang dieses Jahrhunderts, besonders in England, gemacht worden sind, und über das langsame Fortrücken unsrer Litteratur in diesem Fache, in einer öffentlichen Versammlung der churfürstl. bairischen Akademie der Wissenschaften...den 28. März abgelesen...* 23 pp. Small 4to, orig. fine sheep, arms of the Elector of Bavaria, Maximilian I, on upper cover, gilt border round sides, spine gilt, a.e.g. Munich: J. Lindauer, 1798. \$3750.00

First edition and a very pretty copy from the Wittelsbach library of the dukes and kings of Bavaria. Baader (1763-1835), a famous mining expert and Chief of the Bavarian Mining Council, traveled as a student in England and Scotland, where he studied the most recent technological developments. While in Edinburgh, he designed a new blasting machine for iron mines which had considerable success and became known as the *Baadersches Geblaese*. His greatest





Item 30. *Boulton*, n.d. (greatly reduced)

contribution to science, however, was his outspoken advocacy of building railways in Bavaria.

In the present work, Baader reviews the most important developments in machines and technology of the 18th century, especially in the United Kingdom.

Fine and fresh copy. Rare; WorldCat locates no copy in the U.S.

♣ Poggendorff, I, 80-81.

**28. (BAMBERG SUSPENSION BRIDGE).** *Die neue Ludwigsbrücke in Bamberg. Erste Kettenbrücke in Bayern.* Two double-page lithographed plates. 12 pp. Large 4to, self-bound. [Bamberg: Drausnick, 1830].

\$2250.00

Second edition, improved and enlarged, of the description of the first suspension bridge constructed in Bavaria (the second to be built in Germany), sponsored by Ludwig I. This work was issued to celebrate the bridge's completion. The bridge, which crossed the Regnitz River, consisted of one span of 64 meters. The two plates depict the bridge, designed by Franz Schierlinger, and a number of its features.

This second edition is improved with better detailed plates and a two-page account (pp. 11-12) of the celebrations regarding the opening of the bridge on 31 December 1829.

Fine copy from the Wittelsbach library of the dukes and kings of Bavaria. Rare.

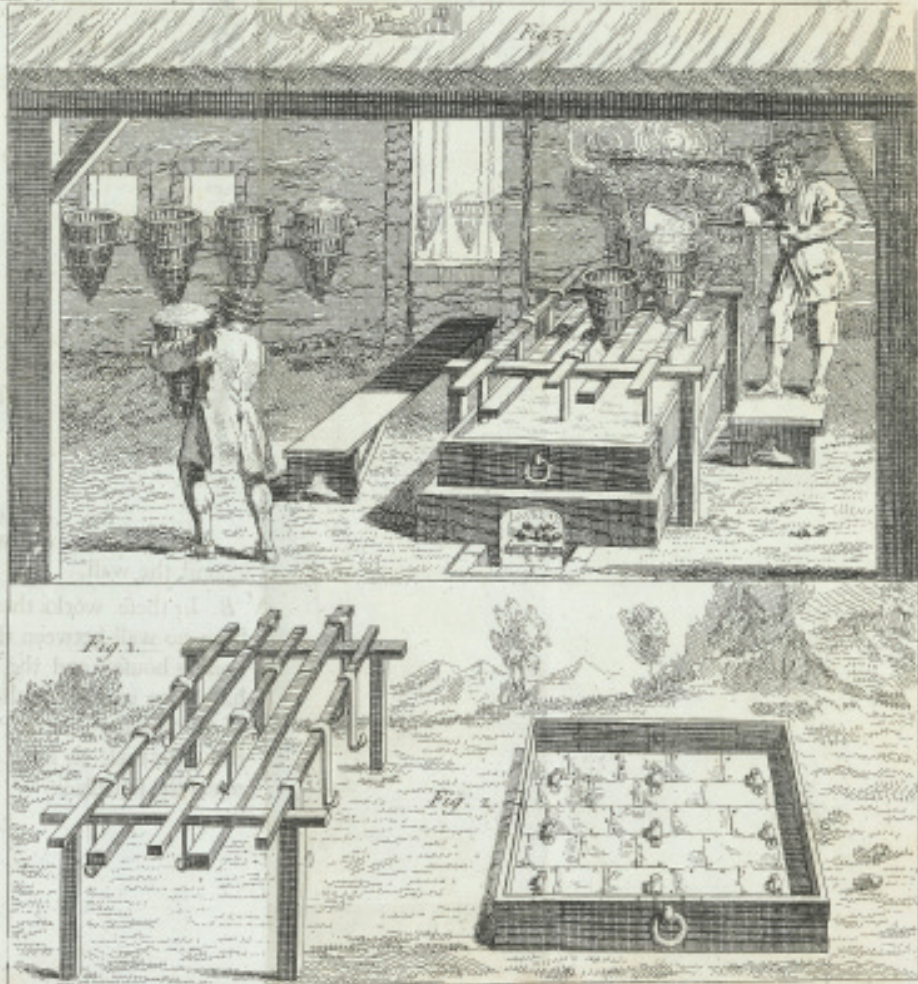
*Matthew Boulton's Intended Library Catalogue;  
Lined & Ruled in Red and Ready*

**30. ([BOULTON, Matthew]).** Without any entries, this was the intended manuscript library catalogue of Matthew Boulton (1728-1809), entrepreneur, manufacturer, and a founder of the Industrial Revolution. 141 leaves, each ruled in red & lined in pencil. Folio (370 x 230 mm.), cont. diced russia, gilt filet round sides, flat spine gilt, spine titled "Catalogue." N.p.: n.d.

\$2250.00

This was the planned catalogue of the library of the Matthew Boulton. Clearly his numerous activities as inventor, industrialist, social animal, and good Birmingham citizen never afforded him the chance to make entries in this catalogue, which, apart from the rules in red and lining, is entirely empty. Therefore, the best record we have of Boulton's fascinating library is the Christie's London catalogue of 12 December 1986 (this catalogue did not appear there).

Very fine and fresh copy.



Item 32. Brownrigg 1748 (reduced)

*Large Paper Copy*

**31. (BRIDGES, John).** *Catalogus Librorum Johannis Bridges, Armigeri; nuper ex Hospitio Lincolnensi. Juxta Exemplar Catalogi MSti quem ipse dum in vivis erat, concinnari fecerat. Adjicitur Appendix MSSorum.* Engraved frontis. (dampstained in outer upper corner with blank corner renewed). 2 p.l. (incl. the frontis.), 4, 345, [1], 2 pp. 8vo, later 18th cent. half-sheep & marbled boards, flat spine gilt. London: J. Tonson & J. Watts, 1725.

\$3000.00

The very uncommon inventory catalogue of the library of John Bridges (1666-1724), historian of Northamptonshire, who left his library to his two brothers. They prepared this catalogue for sale but their efforts were fruitless as the books were sent to auction before the year was out. This is one of the earliest of all English inventory catalogues.

Dibdin called Bridges "a notorious book-collector" and the library contained over 4000 books and MSS. It was notably rich in the history and antiquities of Great Britain and Ireland.

Apart from the dampstaining to the frontispiece and — to a much lesser degree — the following three leaves, a fine and crisp copy. Bookplate of the Marquess of Downshire.

• *D.N.B.*, II, pp. 1229-30—"the catalogue of his library was long retained as valuable by curious collectors." Fletcher, *English Book Collectors*, pp. 156-58. Pollard & Ehrman, p. 212, Table XXV, & no. 222. Taylor, *Book Catalogues*, pp. 193 & 206.

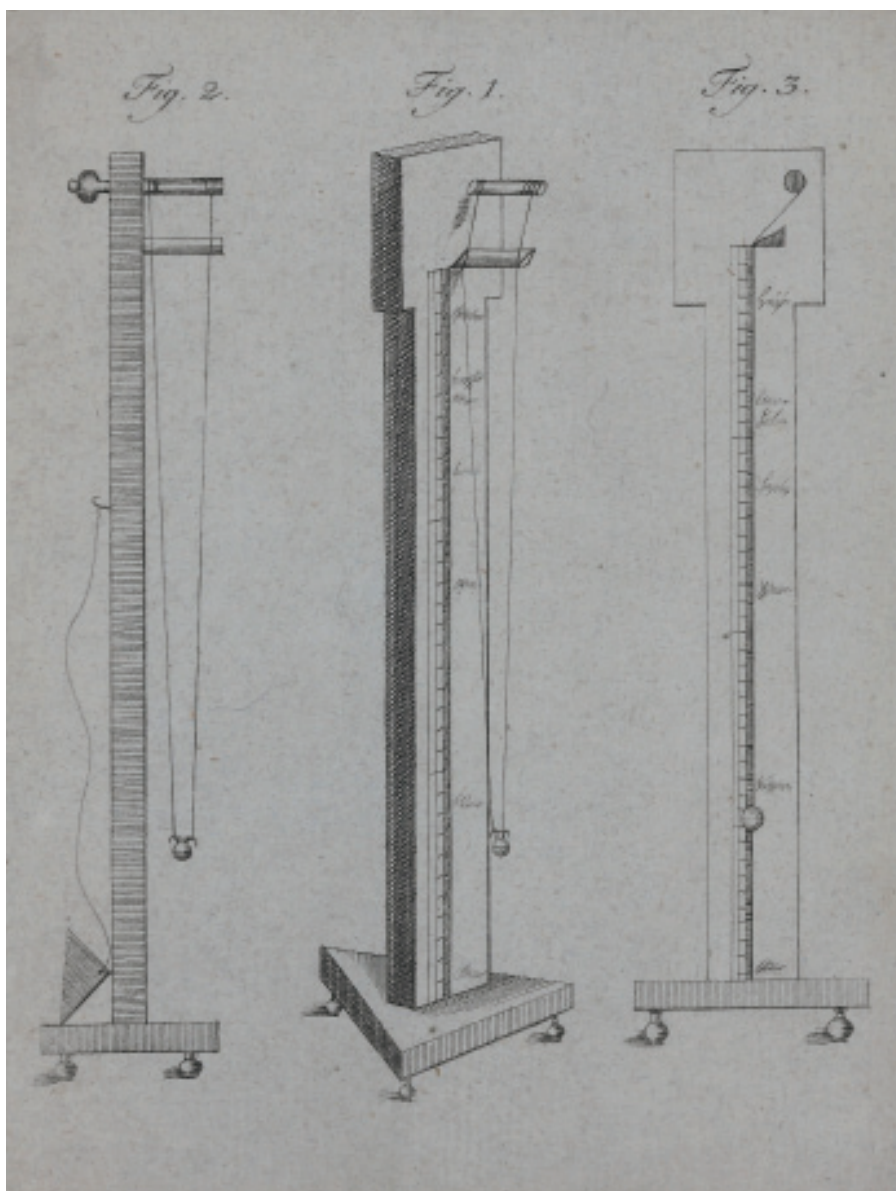
*See item 7 for the auction catalogue of Bridges' library*

*"A Valuable Book"—Duveen*

**32. BROWNRIGG, William.** *The Art of making Common Salt, as now Practised in most Parts of the World; with several Improvements proposed in that Art, for the Use of the British Dominions.* Six folding engraved plates. xxiv, 295 pp., one leaf of errata. 8vo, cont. calf, double gilt fillet round sides, spine gilt. London: C. Davis et al., 1748.

\$1950.00

First edition of Brownrigg's extensive work on the manufacture of common salt. Brownrigg (1712-1800), "engaged in a range of scientific enquiries with practical import. His illustrated 295-page book, *The Art of Making Common Salt* (1748), covers both processes and economics and calls on government to build and manage salt works and to regulate salt quality. An abridgement was published in the *Philosophical Transactions* of the Royal Society and an edition came out in the American colonies in 1776."—*ODNB*. Brownrigg's chemical researches in many ways paralleled those of Priestley, Cavendish, and Black and



Item 33. Buerja, 1790

he came very near to being a chemical discoverer of the first rank.

Very good copy. According to the Bowyer ledgers 500 copies were printed.

♣ Duveen, p. 104—"A valuable book." Partington, III, pp. 124-27.

*An Early Work on the Metronome*

33. [BUERJA, Abel]. *Beschreibung eines musikalischen Zeitmessers*. One folding engraved plate. 23 pp. Small 8vo, cont. speckled boards (upper outer corner of each cover rounded). Berlin: Petit & Schöne, 1790.

\$4950.00

First edition of this extremely rare and early work on the metronome; OCLC does not locate a copy in the U.S. Bürja (1752-1816), professor of mathematics at the Berlin Military Academy and a member of the Royal Academy of Sciences at Berlin, wrote many books on mathematics, hydraulics, and scientific instruments. He was the first to call into question the rigor of Lagrange's exposition of the calculus.

This is an early and noteworthy book on the metronome of the author's own invention. The development of a reliable instrument to denote the speed at which a musical composition is to be performed took several centuries to be realized. Galileo left a scheme for a pendulum time-marker in his papers and in the 17th and 18th centuries many scientists, instrument makers, and musicians including Thomas Mace, Etienne Loulié, Joseph Sauveur, and John Harrison all developed pendulums to measure musical time.

The present work describes Bürja's experiments with a weighted pendulum of variable length which is depicted on the folding engraved plate. The metronome was only perfected in the beginning of the 19th century by Maelzel and Winkel. Beethoven was the first important composer to employ the instrument.

Fine copy.

♣ Cajori, *A History of Mathematics*, pp. 155 & 258. MMG, Vol. IX, p. 234. *New Grove*, Vol. 12, pp. 222-23.

34. BURROWS, George Man. *An Inquiry into Certain Errors relative to Insanity; and their Consequences; Physical, Moral, and Civil*. One folding printed table. ix, [1], 320 pp. 8vo, orig. grey boards (upper joint with a bit of wear), printed paper label on spine (a little flaked), uncut. London: T. & G. Underwood, 1820.

\$2750.00

First edition. Burrows (1777-1846), following many years as a successful general practitioner in London, turned his attention in 1816 to the treatment of insanity. He kept a small asylum at Chelsea and later established a large one at Clapham. He became a leading authority on insanity and claimed that nine out



of ten of the insane could be cured.

This important book contains a survey of psychiatric illnesses throughout Great Britain, with statistical comparisons to other European countries. Burrows was one of the first to make progress in defining a pathology of insanity, which served at last to raise psychiatry to the level of medicine. His *Commentaries on the Causes, Forms, Symptoms, and Treatments, Moral and Medical, of Insanity* (1828) was by far the most complete and practical treatise then published.

Fine copy in original state. This book was translated into German by the famous psychiatrist J.C.A. Heinroth in 1822.

♣ Hunter & Macalpine, p. 778. Zilboorg, *A History of Medical Psychology*, p. 412.

*The First Chemical Dictionary to be Published  
After the Discoveries of Lavoisier*

**36. CADET DE GASSICOURT, Charles-Louis.** *Dictionnaire de Chimie, contenant la Théorie et la Pratique de cette Science, son Application à l'Histoire Naturelle et aux Arts.* Six folding engraved plates. cc, 448 pp.; 560 pp.; 726 pp.; 607 pp. Four vols. 8vo, cont. tree calf (tips of several corners a bit worn), flat spines richly gilt with green morocco lettering pieces on spines. Paris: Chaigneau, 1803. \$1850.00

First edition of the first chemical dictionary to be published after the discoveries of Lavoisier. "As a scientist Cadet is noteworthy for his part in the diffusion and popularization of the new Chemistry rather than for any specific discovery. His most important work, the four-volume *Dictionnaire de Chimie*, published in 1803 and dedicated to Fourcroy, replaced the old chemical dictionary of Macquer. Cadet's *Dictionnaire* clearly elucidated the revolutionary changes that had occurred in chemistry and in chemical nomenclature."—D.S.B., III, p. 6.

Cadet (1769-1821), was the natural son of Louis XV and Marie-Thérèse Boisselet.

A very nice set. Signature of D'Hargevillier(?) on titles. The plates depict chemical apparatus.

♣ Cole 227. Neville, I, p. 233.

**37. CASSINI DE THURY, César François.** *Description Géométrique de la France.* One large folding engraved map of France (short tear to one fold neatly repaired at an early date). 207, [3] pp. Large 4to, 19th cent. calf-backed marbled boards (head of spine a little worn), spine gilt, green morocco lettering piece on spine. Paris: J.C. Desaint, 1783. \$1500.00

First edition. Cassini de Thury (1714-84), known as Cassini III, is most famous for his cartographical work which resulted in the first modern map of France.

This is his final work on the subject.

Very good copy. Old stamp on title of the Depot General de la Guerre.

♣ D.S.B., III, pp. 107-09.

**38. CHAPTAL, Jean Antoine Claude.** *Éléments de Chimie. Quatrième édition.* 3 p.l., [iii]-xcii, 361 pp.; 2 p.l., 458 pp.; 2 p.l., 496 pp. Three vols. 8vo, cont. calf-backed boards (mild foxing at beginning of Vol. I, three joints a bit cracked), spines gilt, red leather lettering pieces on spines. Paris: Deterville, 1803. \$550.00

Fourth edition, essentially a reprint of the revised and expanded third edition. This was one of the most important textbooks of chemistry of the period; it was written for the course of chemistry which Chaptal gave at Montpellier where he was appointed to the new chair of chemistry in 1780. In this work, Chaptal "develops the general principles, pointing out their consequences and their applications. He adopts Lavoisier's oxygen theory which he found of great benefit in both theoretical and practical chemistry. In this work he proposes that the name azote be changed to nitrogene."—Cole, p. 105.

A very clean and attractive set.

♣ Cole 257. D.S.B., III, pp. 198–203. Partington, III, pp. 557–560.

#### *Placed in the First Rank of Scientific Thinkers*

**39. COLONNA, Egidio, Archbishop.** *Commentaria in octo libros phisicorum Aristotelis.* 229 numbered leaves. Two columns, Gothic type. Folio, attractive antique vellum-backed wooden boards (55 mm. blank portion at head of first leaf renewed, occasional light staining). [Venice: A. de Torresano de Asola, 26 Sept. 1502]. \$4500.00

Early edition (1st ed.: Padua, 1493) of this rare commentary on Aristotle's *Physics* by Colonna (d. 1316), also known as Giles of Rome. A disciple of Thomas Aquinas while a student in Paris, Colonna was the first Augustinian appointed to teach in the University of Paris and his deep learning earned for him the title of *Doctor fundatissimus*. In 1295 he was appointed Archbishop of Bourges by Pope Boniface VIII.

"Although mainly a philosopher and theologian, Giles frequently dealt with problems relating to natural philosophy, notable in his commentaries on Aristotle. Moreover, he did so in a style distinctive enough to place him in the first rank of those thinkers who have made a positive contribution to the scientific thought of their time (see Maier, *Die Vorläufer Galileis*, p. 2). It is chiefly in his commentary on the *Physics*, written around 1277, that he considered scientific problems...

"Among Giles's theses that have attracted the attention of more recent

historians of science are those relating to quantity, which led him to admit the existence of natural *minima* below which concrete material substance cannot exist and which thus imply an atomistic theory of matter. The study of movement induced him to investigate the nature of a vacuum, to which he attributed a kind of suction force, observable with the aid of the clepsydra, the cupping glass, or the siphon...His observations on the accelerated motion of falling bodies have similarly been noted."—*D.S.B.*, V, p. 402.

Very good copy.

♣ *Sarton*, Vol. II, Pt. II, pp. 922-26.

*"The First Complete Treatise on the Integral Calculus"  
with "Cotes's Rule"*

**40. COTES, Roger.** *Harmonica Mensurarum, sive Analysis & Synthesis per Rationum & Angulorum Mensuras promotae: accedunt alia Opuscula Mathematica...* edidit et auxit Robertus Smith. One engraved plate & numerous woodcut diagrams in the text. 10 p.l., 249 pp.; 1 p.l., 125, [1] pp. Two parts in one vol. Large 4to, cont. speckled calf (head cap a bit chipped), triple gilt fillet round sides, spine gilt, red morocco lettering piece on spine. Cambridge: 1722. \$6500.00

First edition. "This most important book by Cotes was published posthumously by his friend and successor at Trinity College, Robert Smith. Professor Morgan calls it 'the earliest work in which decided progress was made in the application of logarithms and of the properties of the circle to the calculus of fluents.' It is also the first complete treatise on the integral calculus and first contains the well-known theorem in trigonometry known as the 'Cotes' theorem.' The second part has miscellaneous writings by Cotes, including 'De Methodo Differentiali Newtoniana,' 'De Descensu Gravium,' 'De Motum Pendulorum in Cycloide,' 'De Motu Projectilium,' etc."—*Babson, Supp.*, p. 29.

Of considerable additional interest is the first printing, on page 22, of "Cotes's Rule" which "can be (and has been) read as recommending a weighted mean, or even as an early appearance of the method of least squares."—*Stigler, The History of Statistics*, p. 16.

Very fine and large copy with half-title.

♣ *D.S.B.*, III, pp. 430-33.

*First Attempt to Determine the  
Specific Heat of Gases*

**41. CRAWFORD, Adair.** *Experiments and Observations on Animal Heat, and the Inflammation of Combustible Bodies; being an Attempt to Resolve these Phenomena into a General Law of Nature.* Four engraved plates (one

folding). 8 p.l., 491 pp. 8vo, cont. speckled calf, flat spine gilt, red morocco lettering piece on spine. London: J. Johnson, 1788. \$1950.00

"The Second Edition, with very Large Additions" (1st ed.: 1779). This influential book, here in its "final and most valuable edition" (Neville), contains the first attempt to determine the specific heat of gases. It challenged the chemical theories of heat advanced by Black and Lavoisier.

Fine copy with the bookplate of Dunnichen Library.

♣ D.S.B., XV, pp. 94-96. Garrison-Morton 591-(1st ed.)—"Earliest experiments upon animal calorimetry." Neville, I, p. 302. Partington, III, pp. 156-57.

**42. [DIBDIN, Thomas Frognall].** *Bibliophobia. Remarks on the present Languid and Depressed State of Literature and the Book Trade. In a Letter addressed to the Author of the Bibliomania.* By Mercurius Rusticus. With Notes by Cato Parvus. 102 pp. 8vo, cont. half-morocco & marbled boards, spine gilt, a.e.g., others uncut. London: H. Bohn, 1832. \$500.00

First edition, inscribed at the head of the title "From the Publisher" and numbered "336" on the verso of the title. This copy does not have, as is very often the case, the tipped-in errata slip.

Fine copy.

♣ Windle & Pippin A60.

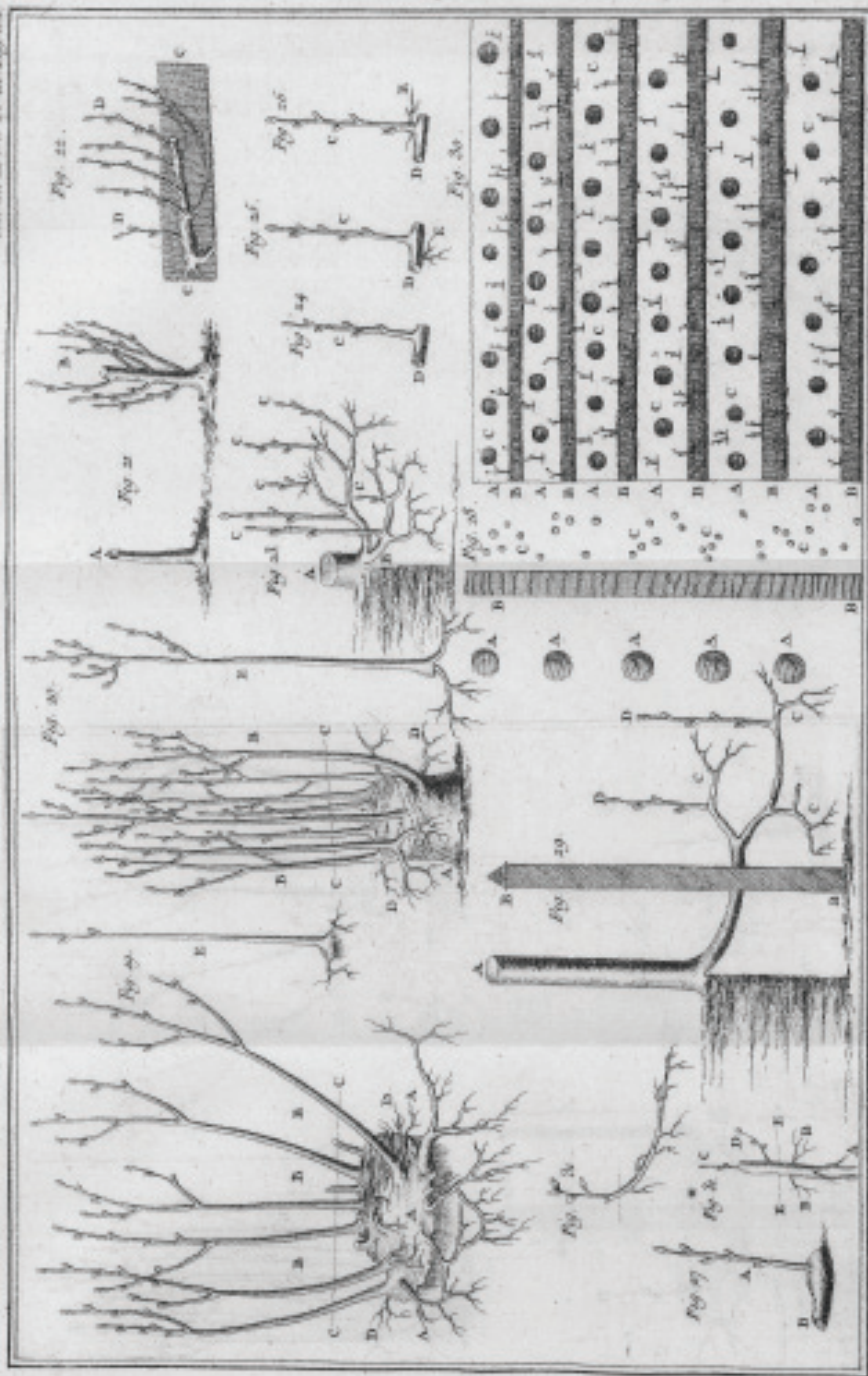
*"Le Plus Grand Ouvrage d'Astronomie Analytique"*

**43. DIONIS DU SÉJOUR, Achille Pierre.** *Traité Analytique des Mouvements apparens des Corps célestes.* Seven folding engraved plates. 2 p.l., xxx, 738 pp., 1 leaf of errata; 2 p.l., 680, lvi pp. Two vols. Large 4to, cont. sheep (a little rubbed, head of spine of Vol. I a bit chipped), spines gilt, red & green morocco lettering pieces on spines. Paris: la Veuve Valade, 1786-89. \$5750.00

First edition. "From 1764 to 1783 he [Dionis] wrote a series of important memoirs on the application of the most recent analytic methods to the study of the principal astronomical phenomena (eclipses, occultations, reductions of observations, determination of planetary orbits, etc.). Revised and coordinated, these memoirs were reprinted in the two-volume *Traité analytique des mouvements apparens* [sic] *des corps célestes* (1786-1789), of which Delambre gives a detailed analysis...All these works are dominated by an obvious concern for rigor and by a great familiarity with analytical methods...their reexamination in the light of present possibilities of calculation would certainly be fruitful."—D.S.B., IV, p. 107.

Very good set.

♣ Lalande, p. 599—"Le plus grand ouvrage d'astronomie analytique."



*Forests*

- 44. DUHAMEL DU MONCEAU, Henri Louis.** *Des Semis et Plantations des Arbres, et de leur Culture; ou Méthodes pour multiplier et élever les Arbres, les planter en Massifs & en Avenues; former les Forêts & les Bois; les entretenir, & rétablir ceux qui sont dégradés: faisant partie du Traité complet des Bois & des Forêts.* Seventeen folding engraved plates & engraved vignettes. 2 p.l., lxxx, 383, 27, 10 pp. Large 4to, cont. marbled calf (corners a little worn, upper joint with short crack at foot), triple gilt fillet round sides, spine nicely gilt, a.e.g., red morocco lettering piece on spine. Paris: H.L. Guerin & L.F. Delatour, 1760. \$3750.00

First edition and an attractive copy, complete with the two *Additions*. Duhamel (1700-82), French polymath, made notable contributions in agronomy, chemistry, botany, and naval technology. His major interest and contribution to technology and society was in agriculture. Duhamel "adapted Tull's system to France based on his own wide reading in French agronomy and on original experiments."—*D.S.B.*, IV, p. 224.

One of Duhamel's main interests was the cultivation and use of timber; this is one of his chief books on the subject. "The sections of the book discuss the soil, the climate, and the choice of trees; their propagation; nursery gardens; planting; forests; and maintenance and re-forestation, with all instructions based firmly on the author's long experience of forestry."—Raphael, *An Oak Spring Sylva*, 34.

The attractive plates depict methods of grafting, agricultural implements, etc. Fine copy. 19th-century bookplate of F. Allard.

♣ Stafleu & Cowan 1545.

*The First Printed History of the Royal Academy  
of Sciences of Paris*

- 45. DUHAMEL, Jean Baptiste.** *Regiae Scientiarum Academiae Historia, in qua praeter ipsius Academiae originem & progressus, variasque dissertationes & observationes per triginta annos factas, quam plurima experimenta & inventa, cum Physica, tum Mathematica in certum ordinem digeruntur.* Woodcut diagrams in the text. 7 p.l., 411 pp. Large 4to, cont. polished calf (head- & tailcap of spine very carefully repaired), arms in gilt on both covers of Charles Le Goulx de la Berchère, Archbishop of Narbonne, spine richly gilt. Paris: S. Michallet, 1698. \$2500.00

First edition of this indispensable source book for the history of French science in the second half of the 17th century. Duhamel (1624-1706), became the first secretary of the Paris Academy of Sciences upon its foundation in 1666. The first chapters deal with the foundation of the Academy. They are followed by year-



Item 45. *Duhamel*, 1698 (much reduced)

by-year reports on the experiments and discoveries presented to the Academy by its members in the fields of astronomy, physics, chemistry, mathematics, anatomy, botany, etc. during the next thirty years.

Le Goulx de la Berchère (d. 1719), archbishop of Narbonne, formed an important library, strong in all branches of knowledge. With the signature on title of Mgr. René François de Beauvau du Rivau, who succeeded Le Goulx as archbishop and inherited his library. The library was eventually sold by auction in Toulouse in 1741 (see Bléchet, p. 107).

A fine and fresh copy.

♣ D.S.B., IV, pp. 221-22. For the binding: Guigard, I, p. 309 & Olivier 2334, 1.

*"An Invaluable Source of Information"*

**46. ENGRAMELLE, Marie Dominique Joseph.** *La Tonotechnie ou l'Art de noter les Cylindres, et tout ce qui est susceptible de Notage dans les Instrumens de Concerts mécaniques. Ouvrage nouveau.* Engraved frontis., five folding engraved plates (one with careful repairs to folds on verso), & a few illus. in the text. Engraved head-piece on first leaf of dedication. Pages 43-50 are larger folding leaves entitled "Table de Caractères" with woodcuts. 5 p.l. (incl. frontis.), xxvii, [1], 236, [4] pp. 8vo, modern red morocco, uncut. Paris: P.M. Delaguet, 1775. \$5000.00

First edition of a scarce book which describes a numbered dial (*cadran*) used in "notating" the studded barrels of mechanical musical instruments. The invention was immediately applied to music boxes; later applications included the pneumatic organ and player piano.

Engramelle (1727-1805), was a French builder of mechanical instruments. "The description (in his *La tonotechnie*, 1775) of his invention of a numbered dial (*cadran*) and its use in 'notating' the studded barrels of mechanical musical instruments were important in his own time and constitute an invaluable source of information today on French late Baroque performing practices. The plans for the studded barrels to play various pieces of music were accompanied by tables, from which the following generalizations can be drawn: all tempos are strikingly fluid; endings are clearly retarded; the inequality of *notes inégales* ranges in proportion from 3 : 1 to 9 : 7; staccato takes precedence over legato; there are minute gradations of staccato, which is however usually extremely short, and there are similarly fine shades of differentiation for legato; grace notes are short and invariably fall on the beat; no trills maintain the same rapidity throughout; and finally, all such 'rules' are allowed broad freedom in their application."—*New Grove Dictionary*, Vol. 6, pp. 202-03.

Very good copy. Contemporary ownership inscription on half-title and title.

♣ Chapuis, *Histoire de la Boite à Musique et de la Musique mécanique*, pp. 27-32.





P. Engraver par M. de J. 1774.

# LA TONOTECHNIE OU L'ART DE NOTER LES

## CYLINDRES,

Et tout ce qui est susceptible de Notage dans les  
Instruments de Concerts mécaniques.

## OUVRAGE NOUVEAU,

Par le *POET ENGRAMELLE*, Religieux Augustin  
de la Réforme Marguerite.

..... Ego, cet ouvrage paraît  
si pûssant, vendrait son Héros.



PARIS,

Chez P. M. DELAQUETTE, Libraire-Imprimeur,  
rue de la Vieille Despoite.

M. D. C. C. L. X. V.

Avec Approbation & Privilège de Roi.

*Appartenant à M. le Comte de...*  
*de la Réforme Marguerite.*

*Silk Stockings*

48. **FERNANDEZ, Luis.** *Disertacion sobre la Teorica y Practica del Arte de Fabricantes de Medias...* 4 p.l., 30, [4], 60 pp. Small 4to, orig. wrappers. Valencia: J. Estevan y Cervera, 1786. \$1950.00

First edition of this rare work on the manufacturing of silk hosiery in Valencia, one of the centers of this industry in the 18th century. Indeed, Spain was known as producing the best hosiery in all of Europe at that time. The author, who wrote in 1778 the standard Spanish book on dyeing, describes his efforts to increase the industry in Valencia, methods of dyeing, the qualities and types of silk yarns, , and methods of manufacturing.

This work, addressed to La Real Sociedad Economica de Amigos del Pais of Valencia, was part of the greater effort to bring modern industry to Spain.

Fine copy.

♣ Palau 87930. Not in Ron, *Bibliotheca Tinctoria*.

*A Very Pretty Set*

49. **FOURCROY, Antoine François de, Comte.** *Elementary Lectures on Chemistry and Natural History...* Translated...by Thomas Elliot. With Many Additions, Notes, and Illustrations, by the Translator. xxviii, 520 pp.; viii, [9]-496 pp. Two vols. 8vo, cont. polished calf, flat spines gilt, red & green morocco lettering pieces on spines. Edinburgh: C. Elliot, 1785. \$1650.00

First edition in English (1st ed.: 1782) of the author's first important publication. It derives from a course of seventy lectures which Fourcroy gave each winter in his laboratory and it discusses all aspects of chemistry, including the recent work on gases. In all his lectures, Fourcroy emphasized the relations between chemistry and natural history and their applications to medicine.

Very fine set. Early armorial bookplate of "Story" in each volume.

♣ Cole 463. *D.S.B.*, V, pp. 89-93. Partington, III, pp. 535-51. Smeaton 9.

*The Most Complete Early Edition;  
In Fine Red Morocco*

50. **FRANKLIN, Benjamin.** *Oeuvres...* traduites de l'Anglois sur la Quatrieme Édition. Par M. Barbeau Dubourg. *Avec des Additions nouvelles.* Engraved frontis. port. of Franklin & 12 engraved plates. 2 p.l., xxii, [2], 338 pp.; 2 p.l., xiii, [3], 318, [2] pp. Two vols. in one. Large 4to, cont. red morocco, spine richly gilt, green morocco lettering piece on spine, a.e.g.



Item 50. *Franklin*, 1773 (greatly reduced)

Paris: Quillau, Esprit, & l'Auteur, 1773.

\$7500.00

First collected edition in French of Franklin's *Experiments and Observations on Electricity*; it is described by *Printing and the Mind of Man* as "the most important scientific book of eighteenth-century America." This is the most complete early edition of Franklin's scientific writings in any language. Our edition is based on the fourth English edition of 1769 and includes correspondence between Dubourg and Franklin on such subjects as ventilation, the art of swimming, inoculation, acoustics, meteors, stoves, the cause of common colds, magnetism and its relations to electricity, and so on which had not previously been published.

Fine copy. Bookplates of John Symmons, Edwin B. Holden, and Antoine Bordes.

**51. GAY-LUSSAC, Joseph Louis.** *Instruction sur l'Essai des Matières d'Argent par la Voie humide. Publiée par la Commission des Monnaies et Médailles.* Six large folding engraved plates of apparatus. 88 pp. 4to, orig. blue wrappers, uncut & largely unopened. Paris: l'Imprimerie Royale, 1832. \$950.00

First edition. With this work Gay-Lussac made a major contribution to chemical analysis. It contains a detailed description of his precipitation titration method for the quantitative determination of silver, which completely displaced the centuries old method of cupellation.

Very good copy.

♣ Cole 509. Neville I, p. 504—"One of the most important books published by Gay-Lussac." Darmstaedter, *Handbuch*, p. 386.

### Quarks

**52. GELL-MANN, Murray.** "A Schematic Model of Baryons and Mesons," in *Physics Letters*, Vol. 8, Number 3, pp. 214-15. 4to, orig. printed wrappers (library stamp on upper cover crossed out & a small private collector's bookplate). Amsterdam: North-Holland Publishing Co., 1964. \$500.00

First printing. In 1964, Gell-Mann proposed a model for yet a further level of complexity within the atom. He proposed that particles such as the proton are not themselves fundamental but are composed of quarks. Gell-Mann's work has been characterized by its originality and bold synthesis. His models have been useful not only for the predictive value, but also for the work they have spurred others to do.

Fine copy.

*The Tides & the Movement of the Earth & Moon*

54. **GRANTE D'IVERK**, —. *Nouvelle Theorie des Mouvements de la Terre et de la Lune; dans laquelle l'Auteur établit selon les loix de la Méchanique, un nouveau Mouvement de la Terre; d' où il tire d'une maniere claire & démonstrative la cause Physique du Flux & Reflux de la Mer*. Folding woodcut plate. 98 pp. 8vo, attractive antique half-calf & marbled boards, spine gilt, red lettering piece. Paris: N. Lottin & J. H. Butard, 1740. \$2250.00

First edition. A rare and little-known work in which the author, basically a Cartesian, provides a new theory of the tides based on the movement of the earth and moon. At the end is a series of approbations of this work from such leading scientists as Le Monnier, Fontenelle, and Lieutaud.

Very good copy.

♣ Lalande, p. 413.

*The Flora of the Balkans & Western Turkey*

55. **GRISEBACH, August Heinrich Rudolf**. *Spicilegium Florae rumelicae et bithynicae exhibens synopsis plantarum quas aest. 1839 legit*. xii, 407 pp.; 2 p.l., 548 pp. Two vols. 8vo, cont. polished half-calf & marbled boards (occasional minor foxing), spines gilt & with the interlocking "CL" at heads. Brunswick: F. Vieweg & Son, 1843-44. \$2500.00

First edition and a very pretty set from the library of Archduke Karl Ludwig of Austria, Duke of Saxe-Teschen (1771-1847).

Grisebach (1814-79), was professor of botany and director of the botanical garden at Göttingen and one of the founders of phytogeography. "In 1839-1840 he travelled through the Balkan peninsula and northwestern Asia Minor. This most important journey of his life led him through regions that were for the greater part botanically unexplored. The two books [*Reise durch Rumelien und nach Brussa im Jahre 1839* (1841) and the present work] he published about this journey established his reputation as a botanical taxonomist and phytogeographer."—*D.S.B.*, V, p. 546.

Fine set.

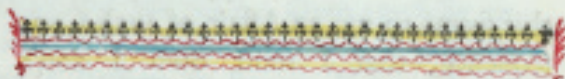
♣ Pritzel 3590. Stafleu & Cowan 2175.

*An Illuminated 18th-Century Book;  
A Royal Copy?*

56. **HOLLAND, Richard, M.D.** *Observations on the Small Pox: or, An Essay to discover a more Effectual Method of Cure*. 4 p.l., xix, 164 pp. 8vo, cont. mottled calf, single gilt fillet round sides, the four corners of each cover elaborately gilt with porpoises surmounted by crowns, spine divided into six compartments, five of which with the golden fleece



OBSERVATIONS  
ON THE  
*Small Pox, &c.*



C H A P. I.



THE Subject of the following Discourse has naturally led me into the Proof of some Truths, which may perhaps be disagreeable to those Gentlemen who undertake more Patients than sometimes they have Leisure to attend: as I have shewn that 'tis often necessary in a bad *Small Pox*, not only to understand the present.

device in gilt, green morocco lettering piece in remaining compartment.  
 London: J. Brindley, 1728. \$12,500.00

First edition; an extraordinary "illuminated" copy with the title-page, initials, and section headings all heightened in gold. The initials along with the vignettes and typographical ornaments at the beginning and end of each chapter have also been skillfully decorated in blue, red, and yellow. This remarkable book, with all the decorations contemporary, comes from the library at Marble Hill House, the Palladian villa constructed 1724-29 at Twickenham which was built by Henrietta Howard (ca. 1688-1767), countess of Suffolk and mistress of George II. Pope helped design the gardens and he, Gay, and George Berkeley were frequent visitors.

Henrietta Howard was an intimate of Queen Caroline, who encouraged the countess in her sexual relationship with King George II. The present book is dedicated to Queen Caroline and clearly there is some connection, because of its special illuminations, between the Queen and Henrietta Howard. Could this have been the Queen's copy or one specially prepared for her close friend?

This book was printed by William Bowyer and his records show that 350 ordinary copies and 150 large-paper copies were printed.

Richard Holland (1688-1730), was born in London and educated at St. Catharine's College, Cambridge, where he received his M.D. in 1723. He became a fellow of the College of Physicians in 1725 and was elected a fellow of the Royal Society in 1726. This is his only book, which provides many case histories.

A fine and special copy. With a contemporary inscription on the leaf facing the title "Removed from Marble Hill House." Later engraved bookplate of M. General Sir Charles Stewart.

• ODNB for Holland and Howard.

**57. IMHOF, Maximus von.** *Was hat die heutige Arzneykunde von den Bemühungen einiger Naturforscher und Aerzte seit einem halben Jahrhunderte in Rücksicht einer zweckmässigen Anwendung der Elektrizität auf Kranke gewonnen? Beantwortet am 28. März in einer öffentlichen Versammlung der churfl. baierischen Akademie der Wissenschaften an Ihrer hohen Stiftungsfeier.* 79 pp. Small 4to, orig. fine sheep (lower cover a little wormed), arms in gilt of the Elector of Bavaria, Maximilian I on upper cover, gilt border round sides, a.e.g. Munich: J. Lindauer, 1796. \$1650.00

First edition of this scarce survey of the developments which had taken place in the previous fifty years in the application of electricity to medicine. Imhof (1758-1817), a member of the Saint Augustine order and of the Bavarian Academy of Sciences, was professor of physics and mathematics at Munich and ducal librarian. He wrote a number of books on electricity, chemistry, and



Was hat die heutige Arzneykunde von den Be-  
mühungen einiger Naturforscher und Aerzte seit  
einem halben Jahrhunderte in Rücksicht einer  
zweckmäßigen  
Anwendung der Elektricität  
auf Kranke  
gewonnen?

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Beantwortet  
am 28. März  
in einer  
öffentlichen Versammlung der kurfürst. bayerischen Akademie der Wissenschaften  
an  
Ihrer hohen Stiftungsfeier  
von

P. Maximus Imhof,  
aus dem Eremiten-Orden des hl. Augustinus, der physikalischen Klasse  
Mitglied und öffentl. oedentl. Lehrer der Physik, höhern Mathematik und  
Ordnung im kurfürstl. Schulhause zu München.



München, bey Joseph Lindauer, Buchhändler, 1796.



mathematics.

In the present work, Imhof describes the advances in medical electricity made by many of the great physicists of the 18th century, including Musschenbroek, Watson, Cavallo, Bertholon, Galvani, Volta, and many others (including little-known scientists).

A very pretty copy from the Wittelsbach library of the dukes and kings of Bavaria.

♣ Poggendorff, I, 1169. Ronalds 254. Not in Wheeler Gift Cat. Presentation letter laid-in to the Duke of Bavaria.

**58. [KERN, Gustav].** *Kriegsgeschichte sämmtlicher im Bezirke des königlich bayerischen zweiten Armee Divisions-Commandos befindlichen Städt, Festungen und Schlösser mit besonderer Rücksicht auf den ehemaligen Vertheidigungsstand und denen daselbst vorgefallenen Schlachten, Belagerungen und Gefechten, als Beitrag zur Geschichte der Vaterlandsvertheidigung.* Bearbeitet durch den Verfasser der Kriegsgeschichte von Augsburg. 19 folding engraved plates, maps, & views (one is hand-colored). xvi, 236 pp., one leaf of errata; iv, [2], 190 pp., one leaf of errata; x, 163, [1] pp. Three vols. in two. 8vo, orig. red sheep *maroquiné* [Vol. I, Vol. II more "orangey"], sides ruled in gilt, flat spines gilt, a.e.g. Nuremberg: J.A. Stein, 1833. \$2500.00

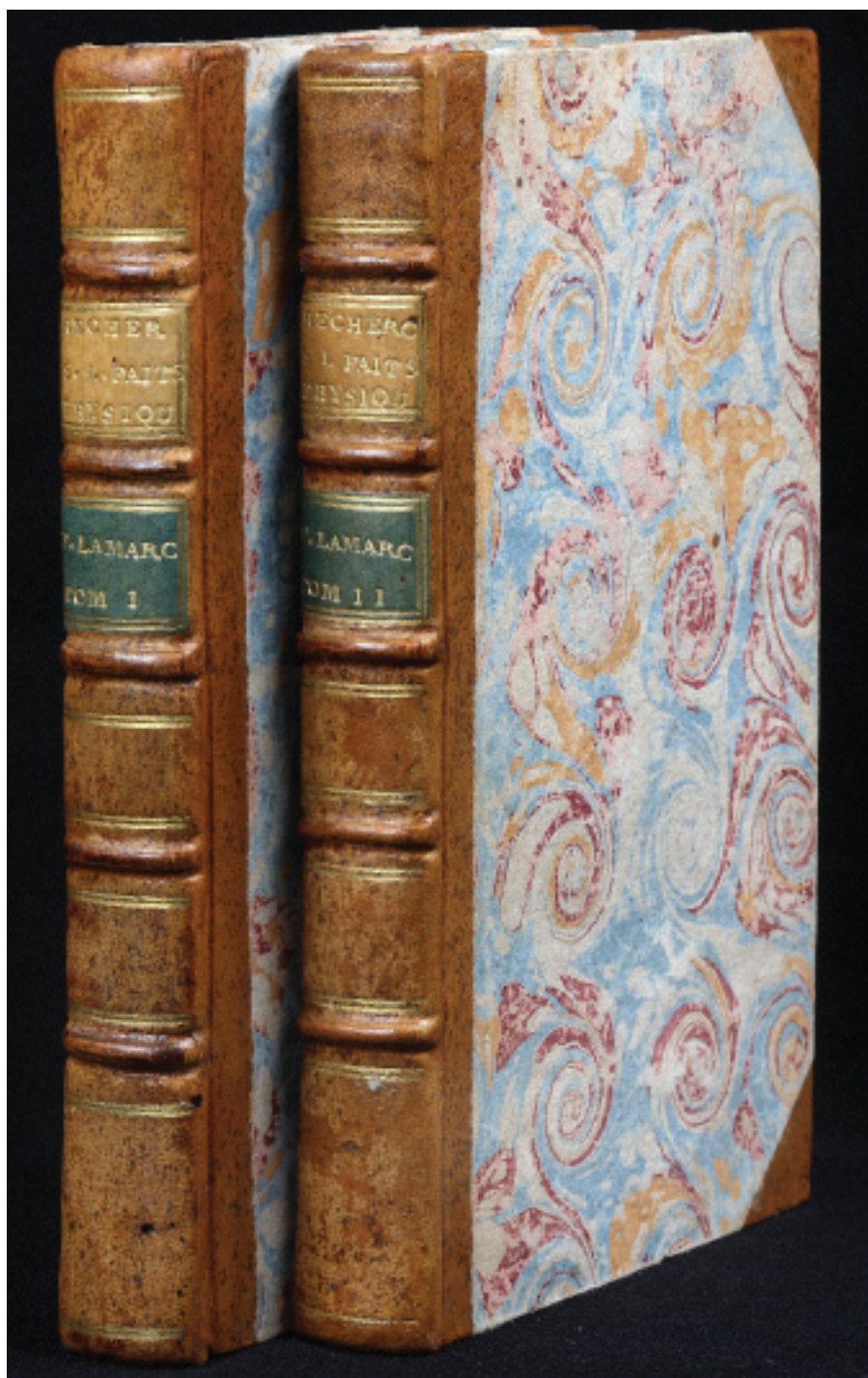
First edition of this history of the major battles and sieges in which the Royal Bavarian Second Army Corps took a role. They include those at Cham, Donauwörth, Ingolstadt, Lauingen, Memmingen, Neuburg, Nördlingen, Regensburg, Straubing, and Wülzburg.

The handsomely engraved plates depict plans and maps of cities and regions. The battles range from the 16th century up through the Napoleonic period.

Fine set from the Wittelsbach library of the dukes and kings of Bavaria. Laid-in is a letter from the author, dated 7 February 1834, presenting this set to the Duke of Bavaria. WorldCat locates no copy in the U.S.

**59. LAMARCK, Jean Baptiste.** *Recherches sur les Causes des Principaux Faits Physiques.* One engraved plate & one folding printed table. xvi, 375 pp.; 2 p.l., 412 pp. Two vols. 8vo, cont. half-calf & marbled boards, spines gilt, red & orange leather lettering pieces on spines. Paris: Maradan, Seconde Année de la République [1794]. \$3000.00

First edition of the author's first book on chemistry. Lamarck (1744-1829), the noted biologist and evolutionist, had pronounced chemical theories and they were an important part of his ideas about nature and evolution. He was an adversary of Lavoisier's anti-phlogistic theory and proposed the four-element



Item 59. *Lamarck*, 1794 (reduced)

theory (earth, air, water, and fire). Lamarck believed that these four elements "have no attraction for one another but tend to separate unless constrained by force...He proposed a new 'pyrotic theory'."—Partington, III, p. 490. Lamarck attempted to account for a great number of chemical and physical phenomena such as sound, electricity, magnetism, color, and vaporization with his system.

"In this work Lamarck sets forth his views on the immutability of species and attacks the theory of the spontaneous origin of life. The book is interesting in the history of chemistry, because Lamarck attacks Lavoisier's anti-phlogistic theory."—Duveen, p. 334.

An uncommonly attractive set.

♣ Cole 739.

**60. LA SERNA SANTANDER, Charles Antoine.** *Dictionnaire Bibliographique choisi du Quinzième Siècle, ou Description par Ordre Alphabétique des Éditions les plus Rares et les plus Recherchées du Quinzième Siècle, précédé d'un Essai historique sur l'origine de l'Imprimerie, ainsi que sur l'histoire de son établissement dans les villes, bourgs, monastères et autres endroits de l'Europe; avec la notice des imprimeurs qui y ont exercé cet art jusqu'à l'an 1500.* Two large folding printed tables. 3 p.l., x, 480 pp.; 2 p.l., iv, 478 pp.; 2 p.l., 534 pp. Three vols. Large 8vo, later 19th-cent. half-morocco & marbled boards, spines gilt, interlocking "C" in gilt on spines, t.e.g., others uncut. Brussels: J. Tarte [Vol. I], de l'Imprimerie de G. Huyghe [Vols. II & III], 1805-06-07. \$1250.00

First edition and a remarkable work for its time. The first volume contains an exhaustive examination of the evidence as to the invention of printing, a chronological table of the cities in which there was printing in the 15th century, and biographies of the printers of the period. The second and third volumes provide an alphabetical list of the most important 15th-century editions, with annotations including comments on rarity, prices, etc.

Nice set.

♣ Bigmore & Wyman, II, p. 352.

#### *Leibniz Explained*

**61. (LEIBNIZ, G.W.).** *Ausführlicher Entwurff einer vollständigen Historie der Leibnitzischen Philosophie.* By Carl Günther Ludovici. Engraved frontis. port. of Leibniz in Vol. I, engraved frontis. in Vol. II depicting his "Arithmetisches Instrument," one folding engraved plate depicting Leibniz's calculator, another engraved plate, & one folding printed genealogical table. Titles printed in red & black. 6 p.l. (incl. frontis.), 521,

[19] pp.; 8 p.l. (incl. frontis.), 429, [39] pp. Two vols. 8vo, cont. vellum over boards, spine lettered in gilt. Leipzig: J.G. Löwe, 1737. \$1500.00

First edition of one of the earliest works describing the achievements made by Leibniz in mathematics, physics, philosophy, and metaphysics. It also contains the first bibliography of Leibniz's writings. Ludovici (1707-78), professor of Aristotelian logic at the University of Leipzig, devoted much of his career elucidating the writings of Leibniz and Christian Wolff.

Fine set from the library of Christian Ernst, Graf von Stolberg, with his handsome engraved bookplate in each volume and the family's later stamp on titles. Another stamp on each title carefully removed.

*Large & Thick Paper Set*

**62. LE SEUR, Thomas & JACQUIER, François.** *Elemens du Calcul Integral*. Engraved arms of Duke Ferdinand on titles & eleven folding engraved plates. xii, 548, [1] pp.; vii (first leaf a blank), 591 pp. Two vols. 4to, cont. mottled sheep (joints and head & tail of spines with several careful repairs), gilt fleurons in each corner of covers, triple gilt fillet round sides, spines gilt, red & green morocco lettering pieces on spines. Parma: [pasted-over label]: "Chez les Freres Faure Libraires de Son Altesse Royale," 1768. \$6500.00

First edition and a fine large and thick paper set of this work which is now scarce on the market. This is one of the major works in the history of calculus, written by the editors of the Jesuits' edition of Newton's *Principia*. The authors were the principal expositors of Newtonian mathematics and physics in Italy. They resided in Parma from 1763 to 1773 as tutors to the young Duke Ferdinand and were intimate friends of many of the leading scientists of the time including Clairaut, Boscovich, and Mme. du Châtelet.

*The Lomenie de Brienne Collection of Incunabula;  
Thick Paper Set?*

**63. (LOMENIE DE BRIENNE).** *Index Librorum ab inventa Typographia ad Annum 1500; Chronologicè dispositus cum notis historiam typographico-litterariam illustrantibus...* Compiled by François Xavier Laire. 2 p.l., viii, 475 pp.; 2 p.l., 464 pp. (a few preliminary leaves misbound). Two vols. 8vo, cont. calf (some rubbing, head of spine of Vol. I a little chipped), flat spines richly gilt, green morocco lettering pieces on spines. Sens: P.H. Tarbe, 1791.

[bound with]:



Ausführlicher Entwurf  
einer vollständigen  
**Sisteme**  
der  
**Leibnizischen Philosophie**

Zum Gebrauch  
Seiner Zuhörer  
heraus gegeben  
von

**Carl Günther Ludovici,**  
Ordentlichem Professorn der Welt-  
Weisheit auf der Academie zu Leipzig.

Mit dazu dienlichen Kupfern und Registern.

**L E I P Z I G,**  
verlegt Johann Georg Beyer,  
**1 7 3 7.**

(—). *Catalogue des Livres de la Bibliotheque de M\*\*\*. Faisant suite à l'Index Librorum ab Inventa Typographia ad Annum 1500. Auct. Fr. Xav. Laire.* By Guillaume de Bure l'aîné. 2 p.l., 112 pp. 8vo, binding as above. Paris: G. de Bure l'aîné, 1792 [corrected by a contemporary hand to "1793."

\$2500.00

First edition, and an attractive complete set, of the detailed catalogue of the incunabula in the library of Cardinal Lomenie de Brienne (1727-94), compiled by his librarian, Laire (1739-1800). "Catalogue bien fait, et digne de son savant auteur; cette précieuse collection appartenait au cardinal de Lomenie de Brienne, et fut vendue à Paris en 1792. On y trouvoit beaucoup d'articles extrêmement rare, qui ont passé dans le commerce pour la première fois. Le nombre des ouvrages vendus a été de 1371 . . . Le catalogue que nous citons ici est très bien imprimé, et enrichi de quatre tables alphabetiques."—Peignot, pp. 84-85.

This set is complete with the rare third volume which is the auction catalogue of the library.

A very good set. I believe this is one of the "beau papier" sets mentioned by Peignot.

• Bigmore & Wyman, I, p. 415—(with a misleading collation).

*Influenced "Residential Building Around the World  
for Years to Come"*

**64. LOUDON, John Claudius.** *An Encyclopaedia of Cottage, Farm, and Villa Architecture and Furniture; containing Numerous Designs for Dwelling...Each Design accompanied by Analytical and Critical Remarks...* 2039 woodcuts in the text. xx, 1138 pp. Thick 8vo, green half-morocco & marbled boards (joints a bit worn), spine gilt. London: Longman et al., 1834.

\$2500.00

Second edition (1st ed.: 1833) of the work "which was to influence residential building around the world for years to come. With typical Loudon thoroughness, the book includes 50 designs for cottages (including a portable prefabricated one 'for the use of emigrants and others'), 65 designs for farmhouses and related buildings, designs for country inns, pubs, and schools, and 23 designs for villas of varying degrees of grandeur. Loudon includes appropriate furnishings, and many are complete with gardens. As usual, he enlisted specialist contributors, including architects, engineers, surveyors, builders, hardware merchants, furnishers and upholsterers, a stove builder and a fountain maker."—B. Weinreb, *Cat. 54. Garden Architecture and Landscape*, 295.

Loudon's involvement with architecture arose from his interest in landscape. He made himself a specialist in rural vernacular building types by writing the present book. This work was unprecedented in that it was consciously addressed





Item 66. Magalotti, 1721 (reduced)

to the middle class rather than to an aristocratic audience.

Loudon (1783-1843), has been called the "most distinguished gardening author of the age" (by A.J. Downing). He was "a designer of parks and gardens but the chief reason for Loudon's historical importance is undoubtedly the quality and volume of his literary output...this immensely energetic Scotsman published approximately 60 million words on gardening, horticulture, architecture, agriculture, and other related topics. His books, encyclopaedias, and magazines were essential reference books in their day and remain an indispensable source for historians of the period."—*The Oxford Companion to Gardens*, p. 344.

A very good copy. Armorial bookplate of Thomas Munro.

♣ Fussell, III, pp. 88-98

**65. LUNADEI, Giovanni Battista.** *Del Metodo d'innestare il Vajuolo Difeso, illustrato, renduto più universale, più comodo, più sicuro, e nello Stato Pontificio in parecchie centinaia di Fanciulli felicemente praticato...* Engraved vignette on title, one engraved headpiece, & one engraved initial. xvi, 152 pp., one leaf of imprimatur. Large 4to, cont. speckled vellum, red morocco lettering piece on spine. Urbino: "nell Stamperia della Ven. Cappella del SS. Sacramento," 1766. \$1950.00

First edition of this rare work on smallpox vaccination and public health. Lunadei took his medical degree at Bologna and was appointed first physician of Urbino and "Protomedico Generale" of the region. Because of his positions, he was much concerned with public health problems; smallpox was the leading infectious disease of the area.

This book contains a series of extended letters between Lunadei and local doctors regarding regional outbreaks of smallpox, largely amongst children. There is much discussion regarding inoculation which had long been known and was just becoming popular in Europe.

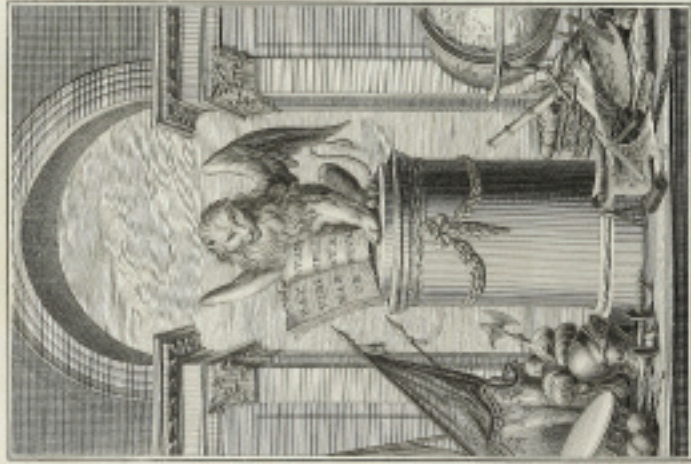
Fine copy. Scarce.

♣ Re the printer: Fumagalli, *Lex. Typogr. Italiae* 442—"Nous lui devons beaucoup d'éditions d'une grande valeur."

**66. MAGALOTTI, Lorenzo.** *Lettere Scientifiche, ed Erudite.* Engraved port. of the author & an engraved vignette on title. Title printed in red & black. xxiv, 303 pp. Large 4to, cont. vellum over boards (minor worming at front & back). Florence: Tartini & Franchi, 1721. \$2250.00

First edition of this posthumously issued collection of letters by this famous scientist who has the distinction "of having written the best scientific prose in Italian after that of Galileo; his descriptions of experiments in physics are written





MONUMENTI VENEZIANI  
 DI VARIA LETTERATURA  
 PER LA PRIMA VOLTA PUBBLICATI  
 NELL'INGRESSO  
 DI SUA ECCELLENZA NESSER  
**ALVISE PISANI**  
 CAVALLIERE  
 ALLA DIGNITA'  
 DI PROCURATORE DI SAN MARCO



IN VENEZIA  
 NELLA STAMPERIA DI CARLO FALSESE  
 M. DCC. LCVI

in colorful, almost dramatic, language.”—*D.S.B.*, IX, p. 3. Essays include those on light (addressed to Viviani), Galileo, the effects of snow, the comet of 1664, horticulture and the culture of vines, the sense of smell, circulation of blood, and languages.

Magalotti (1637-1712), was one of the first ten members of the Accademia del Cimento and was its secretary. He studied with Viviani and attended lectures given by Malpighi and Borelli.

Apart from the unimportant worming, a fine copy. Bookplate of S. Villani.

*“Unequalled”*

**67. MARINIS, Tammaro de.** *La Legatura Artistica in Italia nei Secoli XV e XVI. Notizie ed Elenchi.* Tipped-in color frontis., about 1000 superb collotype plates (several tipped-in & in color) reproducing about 1500 bindings, & text illus. Three vols. Folio, orig. blue morocco-backed cloth, t.e.g., slipcases. Florence: Istituto di Edizioni Aristiche, 1960. \$3000.00

Limited to 500 copies, handsomely printed at the Stamperia Valdona. The authoritative work on 15th and 16th century Italian bookbindings and a truly sumptuous book. The result of close collaboration with the reigning experts in the field, this lavishly illustrated work contains more than 3100 meticulous descriptions of books examined in public and private libraries both in Europe and the United States. Arranged by place of origin with a prefatory essay on each city and indexes.

A fine set.

• Breslauer, *The Uses of Bookbinding Literature*, pp. 21-22—“The great Italian bookseller-scholar Tammaro de Marinis covered the history of Italian bookbinding up to ca 1550 in [the present work]. In three folio volumes he lists about 3,500 bindings, grouped under the cities in which they were made (or he assumed they were), reproducing about 1,500 of them on almost a thousand plates. The work offers a wealth of material unequalled by any other publication of this nature.”

*The Theory of Annuities*

**68. MOIVRE, Abraham de.** *Annuities upon Lives: or, The Valuation of Annuities upon any Number of Lives; as also, of Reversions. To which is added, An Appendix concerning the Expectations of Life, and Probabilities of Survivorship.* 1 p.l., 4, viii, 108, [2], slip of errata mounted on final blank leaf. 8vo, attractive antique panelled calf (some light foxing throughout), spine lettered in gilt. London: Printed by W.P. and sold by F. Fayram et al., 1725. \$4500.00

First edition. Employing the mortality statistics gathered by Edmund Halley

in the 1690s, de Moivre formulated the theory of annuities. "De Moivre's contribution to annuities lies not in his evaluation of the demographic facts then known but in his derivation of formulas for annuities based on a postulated law of mortality and constant rates of interest on money. Here one finds the treatment of joint annuities on several lives, the inheritance of annuities, problems about the fair division of the costs of a tontine, and other contracts in which both age and interest on capital are relevant. This mathematics became a standard part of all subsequent commercial applications in England."—*D.S.B.*, IX, p. 454.

Very good copy.

♣ Garrison-Morton 1690. Stigler, *The History of Statistics*, pp. 70-85.

*With an Hitherto Important Unpublished Letter by Galileo*

69. [MORELLI, Jacopo]. *Monumenti Veneziani di varia Letteratura per la prima volta publicati...* Engraved frontis., engraved coat-of-arms of the Pisani family on title, & three engraved headpieces. 4 p.l. (incl. frontis.), 12, LI pp. Large 4to, orig. pink printed boards with the coat-of-arms of the Pisani family (head & foot of spine a bit worn). Venice: C. Palese, 1796. \$2500.00

First edition of this collection of hitherto unpublished letters including an extremely important one from Galileo addressed to the Doge of Venice in which he describes his invention of the telescope and lists its many applications. He stated it was particularly useful for the military, both on land and at sea. Following Galileo's letter is printed a decree from the Venetian Senate, dated 25 August 1609, in which they thank Galileo and award him 1000 florins annually.

Fine copy in original state and preserved in a box.

♣ Carli & Favaro 629. Cinti 183. Drake, *Galileo at Work*, pp. 139-42.

*With an Important Addition*

70. NEWTON, Isaac. *Opticks: or, a Treatise of the Reflections, Refractions, Inflections and Colours of Light. The Second Edition, with Additions.* Twelve folding engraved plates. 4 p.l., 382 pp., one leaf of ads. 8vo, cont. English panelled calf (well-rebacked with the orig. red morocco label laid-down, two corners a bit worn, a little dusty). London: W. & J. Innys, 1718. \$8500.00

Second edition, revised and enlarged by Newton. This is the second issue with the title-page dated 1718 (1st issue: 1717). For this second edition, the first in octavo, the plates were newly engraved to suit the new format. While Newton left the body of the treatise largely untouched, "the number of Queries at the

# OPTICKS:

OR, A

## TREATISE

OF THE

*Reflections, Refractions,  
Inflections and Colours*

OF

## L I G H T.

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*The Second Edition, with Additions.*

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By Sir ISAAC NEWTON, Knt.

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L O N D O N :

Printed for W. and J. INNYS, Printers to the  
Royal Society, at the *Prince's-Arms* in St. Paul's  
Church-Yard. 1718.

end was increased from 16 to 31, including the celebrated Query No. 28 on the nature of light."—Babson, I, p. 67.

Very good copy with a few plates just shaved. Contemporary signature on free front

endpaper: "Ex libris Hci Jefferson. ex Coll: Div: Joh: Cant: Dec: 27mo die, 1719. Pre: 6."

♣ Babson 134.

### *Completely Complete*

**71. NODIER, Charles.** *Description raisonnée d'une Jolie Collection de Livres (Nouveaux Mélanges tirés d'une petite Bibliothèque) . . . précédée d'une Introduction par M. G. Duplessis. De la Vie de M. Ch. Nodier, par M. Francis Wey et d'une Notice Bibliographique sur ses Ouvrages.* 2 p.l., 36, 492, vii, 24, 28, 3 pp. 8vo, cont. blue morocco-backed marbled boards, spine gilt. Paris: J. Techener, 1844. \$750.00

First edition of this description of one of the most celebrated French collections of the Romantic period; this copy is absolutely complete with all the extra parts (see below). This is Nodier's account of his collection in its final state. He was obviously considering retirement and the realization of his main asset, and for this purpose had again prepared extensive investigations of the books to be sold as *Nouveau Mélanges*, a part of which he had published in the *Bulletin du Bibliophile*. He died on 27 January 1844, by which time his entire text had been set up in proof.

This copy contains the very rare "Introduction" (vii pp.), "Notice bibliographique" (24 pp.), and the "Table & Prix" (28 pp.), and Nodier's note on Duvergier's "Invention de l'Imprimerie" (3 pp.). They are usually missing.

Fine copy. 1254 entries.

**72. (PHILLIPPS, Sir Thomas).** [Drop-title]: *An Ex-Catholic Priest's Opinion of the Church of Rome.* [By Vincenzo Crespi]. 8 pp. Small 8vo, modern boards. [Cheltenham: Middle Hill Press, 1869]. \$250.00

A very rare anti-Catholic imprint from Sir Thomas's private press. "To hold the Scoundrels up to Public Scorn and lash the Villains to the end of time."—from the final page.

Fine copy.

♣ Holzenberg, *The Middle Hill Press*, 410. Kraus, *Special Subject Bulletin* No. 5, 20.

*Bound by Kalbthoeber*

**73. PHILLIPS, John.** *A General History of Inland Navigation, Foreign and Domestic: containing a Complete Account of the Canals already executed in England, with considerations on those projected. To Which Are Added, Practical Observations.* One large folding engraved map, heightened in color, & four engraved plates (the plates are a little foxed). xx, 366, [6], [2], 33 pp. Large 4to, fine cont. polished mottled calf with the book ticket "Bound by C. Kalbthoeber, London," triple gilt fillet round sides, small gilt fleurons in corners, flat spine gilt, black morocco lettering piece on spine. London: I. & J. Taylor, 1793. \$1650.00

Second edition, "a New Edition corrected. With an Addenda, which completes the History to 1792." The first edition appeared a year earlier and, by 1809, there were a total of five editions.

This is "the first British history of inland navigation. Published just before the onset of the canal mania, Phillips's persuasive vision of the advantages to be derived from a rational and reliable system of internal communication may well have contributed in a small way to the frenzy of canal construction shortly to overtake the country...

"Each canal is described in meticulous detail supplemented by contemporary writings and pamphlets and information from his own personal knowledge and experience. He also includes an account of canals abroad to show 'the stupendous labours which have been undertaken and accomplished by other nations, and the advantages which have resulted from them,' and ends with some practical observations on building."—Weinreb, *Cat. 50*, no. 186.

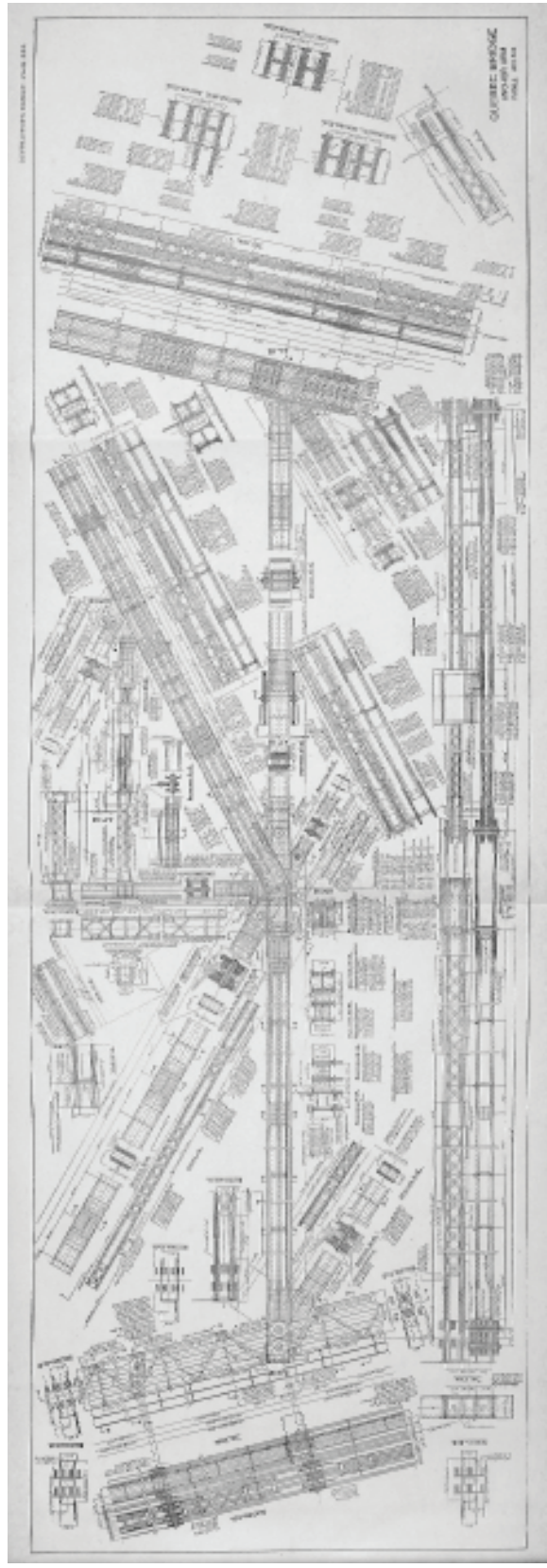
This was a much consulted work and is an indispensable source book for the study of early canals.

Fine copy, handsomely bound.

*The Great Quebec Cantilever Bridge*

**74. (QUEBEC BRIDGE).** *The Quebec Bridge over the St. Lawrence River near the City of Quebec on the Line of the Canadian National Railways. Report of the Government Board of Engineers.* **Text vol.:** Photographic frontis. & numerous photographic illus., diagrams, & tables in the text. 259 pp. **Plate vol.:** 3 p.l. of text & 111 folding lithographed plates. Two vols. Large oblong 4to, orig. cloth (a little spotted). N.p.: 1918. \$1250.00

The Quebec Bridge, spanning the St. Lawrence about nine miles above Quebec, replaced an earlier structure designed by Thomas Cooper in 1900 to carry the railway over the river. On 29 August 1907 it collapsed without warning in a matter of only fifteen seconds, killing several men and making bridge history as the most spectacular structural failure to that time. A photograph of



Item 74. *Quebec Bridge*, 1918 (greatly reduced)



the ruins shows the entire bridge virtually unrecognizable as such, the structure compressed into a compact mass of steel spaghetti.

As a result of the investigation, the detailing of compression members in particular and bridge engineering in general were raised to a much higher level of scientific analysis and design.

The second bridge, designed by Ralph Modjeski and completed in 1917, was its successor. A cantilever structure, it was based on the Forth Bridge, and it too had its problems. The 5000 ton center span collapsed into the river on 11 September 1916 as it was being hoisted vertically into position. One of the photographs in the book shows it at the precise moment when it struck the water. A new span was successfully lifted almost exactly a year later, the final pins being driven in on 20 September 1917. On 17 October the first train crossed the bridge; a regular freight service began on 3 December; and on 22 August 1919 the bridge was formally opened by the Prince of Wales. With a span of 1800 feet between the two main piers it was the largest of its kind in the world. This is the final report of the Board of Engineers, headed by Ralph Modjeski, and it forms the definitive account of the bridge, with a survey of the historical background and the story of the earlier structure, followed by all the technical information of the new one. The text is amply supported by the working drawings and many excellent photographs of the earlier bridge, the two disasters, progress of construction, first train crossing, the official opening etc.

Fine set. Ex Bibliotheca Mechanica.

**75. RAZUMOVSKII (or RAZOUMOWSKY), Grigori Kirillovic, Graf.**  
*Histoire naturelle du Jorat et de ses Environs; et celle des trois lacs de Neufchatel, Morat et Bienne; Précédées d'un Essai sur le Climat, les Productions, le Commerce, les Animaux de la partie du Pays de Vaud ou de la Suisse Romande, qui entre dans le plan de cet Ouvrage.* Six folding engraved plates. 1 p.l., xvi, 322 pp.; 1 p.l., 238 pp. Two vols. 8vo, cont. marbled boards, orange & pale blue lettering pieces on spines. Lausanne: J. Mourer, 1789. \$2500.00

First edition. Razoumovsky (1759-1837), a wealthy Russian aristocrat, spent most of his life in Switzerland, Austria, and Italy and wrote many noteworthy works on geological and mineralogical subjects (see Zittel, pp. 91 & 119).

"Very scarce...First and only edition of an illustrated account of the fauna and geology of the Swiss Jura, in the vicinity of Neuchâtel, Murten and Biel, northwest of Bern...The first volume describes the fauna according to the Linnean system. The second includes a geological description with notes on mining, minerals, fossils etc. The illustrations cover zoology (especially reptiles), entomology and geology (including fossils)."–Schuh, *Mineralogy &*



Item 75. *Razumovskii*, 1789 (reduced)

*Crystallography: A Biobibliography, 1469 to 1920, 4045.*

Fine and attractive set.

♣ Poggendorff, II, 578-79.

**77. RICHARDSON, John.** *Johann Richardsons Vorschläge zu neuen Vortheilen beyrn Bierbrauen. Nebst Beschreibung seines neuerfundenen Instruments, um den Gehalt des Bieres zu erforschen.* Aus dem Englischen mit Anmerkungen übersetzt. Mit einer Vorrede begleitet von D. Lorenz Crell. Engraved frontis. 20 p.l.(incl. frontis.), 234 pp. 8vo, cont. blue boards, flat spine gilt, red leather lettering piece on spine. Berlin & Stettin: F. Nicolai, 1788. \$1250.00

First edition in German, a translation of *Theoretic Hints on an Improved Practice of Brewing Malt-Liquors* (1st ed.: 1777) by Richardson (fl. 1778-98). The text by Richardson has been greatly augmented with important additions by Lorenz Crell (1744-1816), professor of chemistry and mineralogy at Brunswick and later at Göttingen and an early proponent of Lavoisier. Crell was an active correspondent of all the leading chemists in Germany and other countries and his journals diffused a knowledge of the French, British, and Swedish discoveries in Germany.

Fine copy.

♣ Schoellhorn 255.

*“Un Véritable Manuel de Minéralogie”*

**78. ROMÉ DE L'ISLE, Jean-Baptiste Louis.** *Description Méthodique d'une Collection de Minéraux, du Cabinet de M.D.R.D.L. Ouvrage où l'on donne de nouvelles idées sur la formation & la décomposition des Mines, avec un court exposé des sentimens des Minéralogistes les plus connus, sur la nature de chaque espèce, le Minéralisateur qui s'y rencontre, & la quantité de métal qu'elle produit.* Engraved allegorical frontis. by Augustin Saint-Aubin. xxxii, 299, [5] pp. 8vo, orig. wrappers, uncut. Paris: Didot & Knapen, 1773.

\$6500.00

First edition, and a lovely copy in original state, of an uncommon book; this is one of Romé's first publications. It is a description “of the metallic ores of his own mineral cabinet, in which he discussed the origin, metamorphosis, and paragenesis of each.”—*D.S.B.*, XI, p. 521. Earlier, he had catalogued the mineralogical curiosities in the cabinet of Pedro Francisco Davila and for several years found steady employment by preparing at least fourteen other mineralogical catalogues. In all the descriptions in the present work, Romé stresses the importance of crystalline form and that this form is the chief



Utin & unigenes fides expositiois maris  
 Pothius dicitur pederatim pederatim  
 L'art de l'art, par M. de R.

# DESCRIPTION MÉTHODIQUE D'UNE COLLECTION DE MINÉRAUX.

DU CABINET DE M. D. R. D. L.

*OUVRAGE où l'on donne de nouvelles idées sur la formation & la dissipation des Minéraux, avec un court exposé des sources des Minéralogistes des plus connus, sur la nature de chaque espèce, le Manufacturier qui s'y renferme, & la quantité de métal qu'elle produit.*

PAR M. DE ROUSSEAU, de l'Académie  
 d'histoire des Sciences belles de Mayence.

1773

A PARIS,

{ D'HERIENS, Libraire, Quai des Augustins,  
 près le Pont-Neuf-Michel.  
 Chez KRAEHL, Libraire-Imprimeur, au bas de la  
 Place du Pont-Neuf-Michel.

M. DCC. LXXIII.

Avec Approbation & Privilège du Roi.

characteristic by which minerals may be classified.

Romé (1736-90), by formulating the law of constancy of interfacial angles, established crystallography as the basis of mineralogy.

The attractive frontispiece, drawn by Saint-Aubin, depicts two putti, one examining ores under a microscope and the other stoking a furnace.

✠ Yves Laissus, "Les Cabinets d'Histoire Naturelle" in René Taton, ed., *Enseignement et diffusion des sciences en France au dix-huitième siècle*, p. 669—"un véritable manuel de minéralogie." Schuh, *Mineralogy & Crystallography: A Bibliography, 1469 to 1920*, 4154—"Very scarce. In this collection catalog, the famous French crystallographer fully describes about 750 metallic minerals from his own cabinet. Included are specimens consisting of pure metals as well as natural alloys and combinations with sulfur. Basic division is based upon the principle metals and semi-metals contained in the described specimens and include gold, silver, copper, iron, tin, lead, mercury, antimony, zinc, bismuth, cobalt, arsenic and sulfur. Under each of these headings, the specimens are divided based upon their form and chemical composition. For each item described, notes on the origin, associated minerals, locality, size and the estimated weight of contained precious metals is presented. The catalog is well referenced, and if a particular specimen was given to Romé, the supplier's name is included in the description."

#### *The Chemistry of Dyes with 247 Color Samples*

**79. RUNGE, Friedlieb Ferdinand.** *Grundriss der Chemie*. 247 mounted color samples in the text. xxiv, 333, [1] pp.; xxxii, 316 pp., one leaf of errata. Two vols. 8vo, cont. pale blue paper-backed marbled boards (several corners a bit worn), spines gilt, orange leather lettering pieces on spines. Munich: G. Franz, 1846-47. \$2750.00

First edition of this rare work on the chemistry of dyes by the co-discoverer of aniline dyes in coal-tar. Runge (1795-1867), was associate professor in Breslau and later in the Prussian Marine service in Berlin and Oranienburg.

Nice set with all 247 mounted color samples. Old library stamps on each title.

✠ *D.S.B.*, XI, pp. 615-16. Hein & Schwarz, *Deutsche Apotheker-Biographie*, Vol. II, p. 549—"R., der ein sehr vielseitiger Chemiker war, hat sich in erster Linie mit der Chemie des Steinkohlenteers befasst und wurde somit zum Begründer der Steinkohlenteerchemie." Neville, II, p. 407—"An important treatise on the preparation, properties, and uses of inorganic pigments and dyes, by the codiscoverer of aniline dyes made from compounds isolated from coal tar." Partington, IV, pp. 183-84. Poggendorff, II, 721-22. Not in Ron, *Bibliotheca Tinctoria*.

*A Lovely Copy in Original State*

80. **SAUSSURE, Horace Bénédict de.** *Essais sur l'Hygrométrie. Ier. Essai. Description d'un nouvel Hygrometre comparable. II. Essai. Théorie de l'hygrométrie. III. Essai. Théorie de l'évaporation. IV. Essai. Application des théories précédentes à quelques phénomènes de la météorologie.* Two engraved plates (one folding) of apparatus. xxiv, 367 pp. Large 4to, orig. boards, uncut. Neuchatel: S. Fauche, 1783. \$2250.00

First edition of an important work in the history of meteorology; this is a splendid copy in original state. In this book, Saussure (1740-99), describes his hygrometer, an instrument which measures humidity; outlines the general principles of hygrometry as a science; and deals with evaporation and the applications of his researches to meteorology. Cuvier regarded this book as one of the greatest contributions to science made in the 18th century.

Fine and fresh copy.

♣ Middleton, *Invention of the Meteorological Instruments*, pp. 101-08. Sparrow, *Milestones of Science*, 174.

*An Ophthalmological Classic*

81. **SCARPA, Antonio.** *Saggio di Osservazioni e d'Esperienze sulle Principali Malattie degli Occhi.* Engraved frontis. port. & three fine engraved plates. 1 p.l., xi, 278, [1] pp. Large 4to, cont. green morocco-backed marbled boards (minor foxing & browning), flat spine gilt. Pavia: B. Comino, 1801. \$3000.00

First edition of the first textbook on the subject to be published in the Italian language; Scarpa has been called "the father of Italian ophthalmology."

"In this work Scarpa first described the operation of iridodialysis. The chapters on diseases of the vessels in the eye, on cataract, and on staphyloma are particularly noteworthy. Scarpa's books were all superbly illustrated with his own drawings and the plates in this work, engraved by Faustino Anderloni, bear witness to Scarpa's artistic talent. Duke-Elder considered this the greatest work on ophthalmology that had appeared up to its time."—Becker Cat. 207.

Garrison considered Scarpa's illustrations to be the "crown and flower of achievement in anatomic pen-drawing."

A very good and large copy.

♣ Garrison-Morton 5835. Waller 8543.

82. **SCHRANK, Franz von Paula.** *Baierische Reise.* Engraved frontis. port. of the author, two folding engraved plates (numbered "I" and "III"), & two folding printed tables. 7 p.l., 276 pp., one leaf of errata. 8vo, cont.





FRANCIS PAVLSCHRANK

Frank von Paula Schrank

Im Jahr 1786, am 1. März, ist der Herr von Paula Schrank, k. k. Hofrath, in Wien, im Alter von 60 Jahren, gestorben.

# Deutsche Reise.

Intelligenter viri sagacissimae prodique, quare & universorum & eorum interit, que perita natura cubis regni dera-  
 cionibus, ex postea habere, ne tunc beneficii generatio-  
 ne praestitumum saepe recit, que forte sub polare ve-  
 stigia insensibiliter hanc aconitum, fructus ad nullam  
 peruenit.

FRANK & MATHIASCHER & CO. SOLOTHURN.



A. FABER P. I. B.

Mit Messern.

München,  
 am 1. März 1786,  
 Joseph von Paula Schrank,  
 k. k. Hofrath, in Wien.



speckled boards (spine worn). Munich: J.B. Strobl, 1786. \$2250.00

First edition of this rare epistolary account of Schrank's scientific field trip throughout Bavaria in 1784 and 1785. While Schrank devotes a good portion of the text to botanical observations, he also provides descriptions of the towns and cities visited, the geology and most remarkable natural features of the area, the monasteries, local customs, etc. The twelfth letter contains a learned account of Bavarian incunabula (with a series of woodcut reproductions of watermarks) and a description of the library of Kloster Steingaden. He also describes the library, natural history, and medal collections present in Munich.

Schrank (1747-1835), professor of botany and agronomy at Ingolstadt, was appointed the first director of the botanical garden at Munich in 1809, a post which he continued to hold until 1832.

Good copy of a very scarce.

♣ Stafleu & Cowan 11106.

**83. SCHRANK, Franz von Paula.** *Primitiae Florae Salisburgensis cum Dissertatione Praevia De Discrimine Plantarum ab Animalibus.* Engraved frontis. silhouette port. of Baron von Moll & two folding engraved plates. xvi, 240 pp. 8vo, paper-backed boards (minor foxing), uncut. Frankfurt am Main: Varrentrapp & Wenner, 1792. \$1250.00

First edition. In this scarce book, Schrank describes the flora found in the area surrounding Salzburg.

Fine copy. Label on spine of the Schloss Dyck library.

♣ Pritzel 8385. Stafleu & Cowan 11108.

**84. SCHRANK, Franz von Paula.** *Nachrichten von den Begebenheiten und Schriften berühmter Gelehrten...Erster Band* [all published]. Engraved vignette on title. xvi, 416 pp. 8vo, cont. speckled boards, orig. paper label on spine. Nuremberg: Raspe, 1797. \$2950.00

First edition of an extremely rare book; WorldCat locates no copy in the U.S. The present work contains a series of biographical accounts of twenty-one authors including Jacques Barrellier, Linnaeus, Nathanael Gottfried Leske, Fredrik Hasselquist, Simon Pelloutier, and other notable natural historians, scientists, and scholars. Schrank has also provided detailed bibliographies of the writings of each author.

Very good copy.

♣ Poggendorff, II, 841.



*Magic Squares & Perspective*

- 85. SCHUEBLER, Johann Jacob.** *Ars Inveniendi sive Partitio MA Damae. Das ist: Die in dem Antiquen Progressions-Quadrat der Lunae durch Zahlen, Buchstaben und Linien verhüllte Entia Invisibilia, welche aus dem Pythagorischen Gedancken-Gemähd oder metathesi numerorum...* Finely engraved frontis. & 34 engraved plates. 196, [4] pp. Folio, cont. calf (minor rubbing), red leather lettering piece on spine. Nuremberg: J.C. Weigel's Widow, 1734. \$7500.00

First edition of this handsome and rare book; this is a very fine, fresh, and crisp copy. Schuebler (1689-1741), was a prominent Nuremberg mathematician, architect, and artist, who wrote many standard works on the design of houses, public buildings, and gardens. He was also engaged in various fields of applied mathematics and became a member of the Royal Prussian Academy of Sciences in 1735.

The present work is concerned with magic squares, whose origins are Chinese, and the geometrical and perspectival construction of technical drawings. The finely engraved plates depict magic squares as well as superb technical examples of ornamental and architectural motifs.

♣ Berlin 4731.

- 86. SCHUEBLER, Johann Jacob.** *Die aus denen antiken Principiis naturalibus Numerorum eröffnete Arithmetica Compendiosissima, oder die durch blosses Aufschlagen in einem bequemen Rechnungs-Lexicon sich selbst-rechnende Rechen-Kunst, Mit welcher alle Menschen, so nur die Zahlen kennen, vermögend seynd, die mögliche Fälle der ganzen Rechen-Kunst...behend aufzulösen...und ohne Erlernung des sogenannten Ein mal Eins...alles ausrechnen können.* Several woodcuts & extensive tables in the text. 24 p.l., 501, [1] pp. Large 4to, cont. polished speckled calf, initials on upper cover "F.G.Z.S.H.v.W. 1739," spine finely gilt, red morocco lettering piece on spine. Nuremberg: J.M. Seitz & C.C. Zell, 1739. \$4750.00

First edition and a very fine copy from the library of [Karl] Friedrich Graf zu Sayn Hohenstein und Wittgenstein (1708-56), with his initials on the upper cover (one sees books from his library on the market from time-to-time. It must have been a fine and handsome collection).

The present work is a practical introduction to all aspects of calculation including multiplication, division, trigonometry (with references to Napier), arithmetical and geometrical progressions, etc.

A very fine copy and rare with no copy in the U.S., according to OCLC.

♣ Poggendorff, II, 853.



Item 87. *Schuetz*, 1797 (reduced)

- 87. SCHUETZ, Andreas Gotthelf, Freiherr von.** *Von den Vorschriften und dem Nutzen des Studiums der Mineralogie, besonders in Rücksicht aus den Bergbau, in einer öffentlichen Versammlung der churfürstl. baierischen Akademie der Wissenschaften an...den 28 März abgelesen.* 52 pp. Small 4to, orig. fine sheep, arms of the Elector of Bavaria, Maximilian I, on upper cover, gilt border round sides, spine gilt, a.e.g. Munich: J. Lindauer, 1797.  
\$3750.00

First edition and a very pretty copy from the Wittelsbach library of the dukes and kings of Bavaria. Schuetz (1771-1807), who was born in Freiberg, was a mining overseer at Schneeberg. In this work, he provides a history, with considerable bibliographical detail, of the study of mineralogy.

Fine and fresh copy.

♣ Hoover 734. Schuh, *Mineralogy & Crystallography: A Biobibliography, 1469 to 1920*, 4374—"Very scarce."

- 88. SCHULTHEIS, Friedrich.** *Der Ludwig-Kanal. Seine Entstehung und Bedeutung als Handels-Strasse...* mit 26 in Stahl gestochenen Ansichten von Alexander Marz. **Illus.:** One title-leaf, 26 fine views of the canal (one plate loose), & one map (all steel-engraved). **Text.:** 1 p.l., xvi, 158 pp. Bound together in one oblong 4to, orig. cloth (some light foxing), spine lettered in gilt. Nuremberg: 1847.  
\$1350.00

First edition of this attractively illustrated account celebrating the opening of the famous Ludwig Canal which linked the Danube River at Kelheim with the Main River at Bamberg, therefore connecting the Danube basin with the Rhine basin. It was built between 1836 and 1846 and was named after its greatest supporter, King Ludwig I of Bavaria.

The text portion describes the economic ambitions of the canal and its construction. Much technical information is provided. The 26 attractive steel-engraved views, each with a different elaborate border, depicts views along the way, including Nuremberg, Erlangen, Bamberg, and Neumarkt, along with many bridges, locks, and cuts through hilly areas. The plates were originally separately published in thirteen parts between 1845 and 1847 and the title-leaf for the plates has the date of 1845.

The preliminary leaves contain a list of subscribers.

Nice copy and rare.

*"The Coverage of the Book is Excellent"—Stafleu & Cowan*

- 89. SÉGUIER, Jean François.** *Bibliotheca Botanica, sive Catalogus Auctorum et Librorum omnium qui de Re Botanica, de Medicamentis ex*



BIBLIOTHECA  
BOTANICA,

S I V E

CATALOGUS AUCTORUM ET LIBRORUM

*omnium qui de Re Botanica, de Medicamentis ex Vegetabilibus  
paratis, de Re Rustica, & de Horticultura tractant,*

A JOANNE-FRANCISCO SEGUIERIO

NEMAUSENSE DIGESTUS.

ACCESSIT

BIBLIOTHECA BOTANICA

J O. A N T. B U M A L D I,

S E U P O T I U S

O V I D I I M O N T A L B A N I

B O N O N I E N S I S.



H A G Æ - C O M I T U M,

Apud J O A N N E M N E A U L M E,

M. D C C. X L

*Vegetabilibus paratis, de Re Rustica, & de Horticultura tractant...* accessit Bibliotheca Botanica Jo. Ant. Bumaldi, seu Potius Ovidii Montalbani... Title printed in red & black. 16, 450 pp.; 66 (i.e. 74) pp. Two parts in one vol. Large thick 4to, cont. vellum over boards. The Hague: J. Neaulme, 1740. \$3000.00

First edition of this important early botanical bibliography. Divided into three sections, the first deals with floras, the second medical botany, and the third horticultural and agricultural works.

"The bibliography includes not only books and other independent bibliographical productions, but also references to publications in the periodical literature...

"The entries for the publications contain usually the title fully transcribed and in the original language, the place of publication, the publisher, the size...and sometimes a critical commentary and an indication of the location where he saw the book or found a reference to it. These statements of location are obviously of great importance because they will very often allow us at once to identify the library where the publications are presently located; an item of information of capital value for many of these rare books...

"A further interesting and especially useful feature is again the provision of marginal notes giving relevant references to reviews, publication, comments or other secondary publications relevant to the main entry...

"The coverage of the book is excellent."—Staflou & Cowan 11624.

In the second part, Séguier reprinted Montalbanus' botanical bibliography, first published in 1657 using the pseudonym "Bumaldus." It is the first general bibliography of botanical books (see Grolier Club, *Bibliography*, 60).

A fine copy, interleaved throughout.

**90. SMITH, Robert.** *Vollständiger Lehrbegriff der Optik nach Herrn Roberts Smiths Englischen mit Aenderungen und Zusätzen ausgearbeitet von Abraham Gotthelf Kästner.* Engraved allegorical vignette on title & 22 folding engraved plates. 12 p.l., 531, [5] pp. Large 4to, cont. half-sheep & speckled boards (light foxing throughout), spine gilt, contrasting leather lettering piece on spine. Altenburg: Richter, 1755. \$5500.00

First edition in German (1st ed.: 1738). This is an important edition, containing the valuable alterations and additions of Abraham Gotthelf Kästner (1719-1800), professor of mathematics and physics at the University of Göttingen. He became "an influential figure through his teaching and writing; Göttingen's reputation as a center of mathematical studies dates from that time. Kaestner is also known in German literature, notably for his epigrams... Kaestner owes his place in the history of mathematics to his great success as an expositor and to the seminal character of his thought. His output as a writer in mathematics and its



applications (optics, dynamics, astronomy), in the form of long works and hundreds of essays and memoirs, was prodigious."—*D.S.B.*, VII, p. 206.

This was "the most influential optical textbook of the eighteenth century."—*D.S.B.*, XII, p. 477. It is largely based on the optics of Newton. "Of the four books...the first deals in a non-technical manner with the fundamental experiments in optics, while the second provides a more formal treatment of the geometrical theory of the subject. Smith studied the problem of spherical aberrations in greater generality than his predecessors, Barrow and Huygens. The third book describes apparatus for grinding and polishing lenses and specula, and it gives a complete account of the construction, adjustment, and use of the principal optical instruments, while the fourth book gives a history of telescopic discoveries in the heavens."—Wolf, *History of Science*, II, p. 171. There is a long chapter on various microscopes.

An absolutely lovely copy with attractive stenciled endpapers. Bookplate of the Augustiner-Chorherrenstifts Rottenbuch in upper Bavaria.

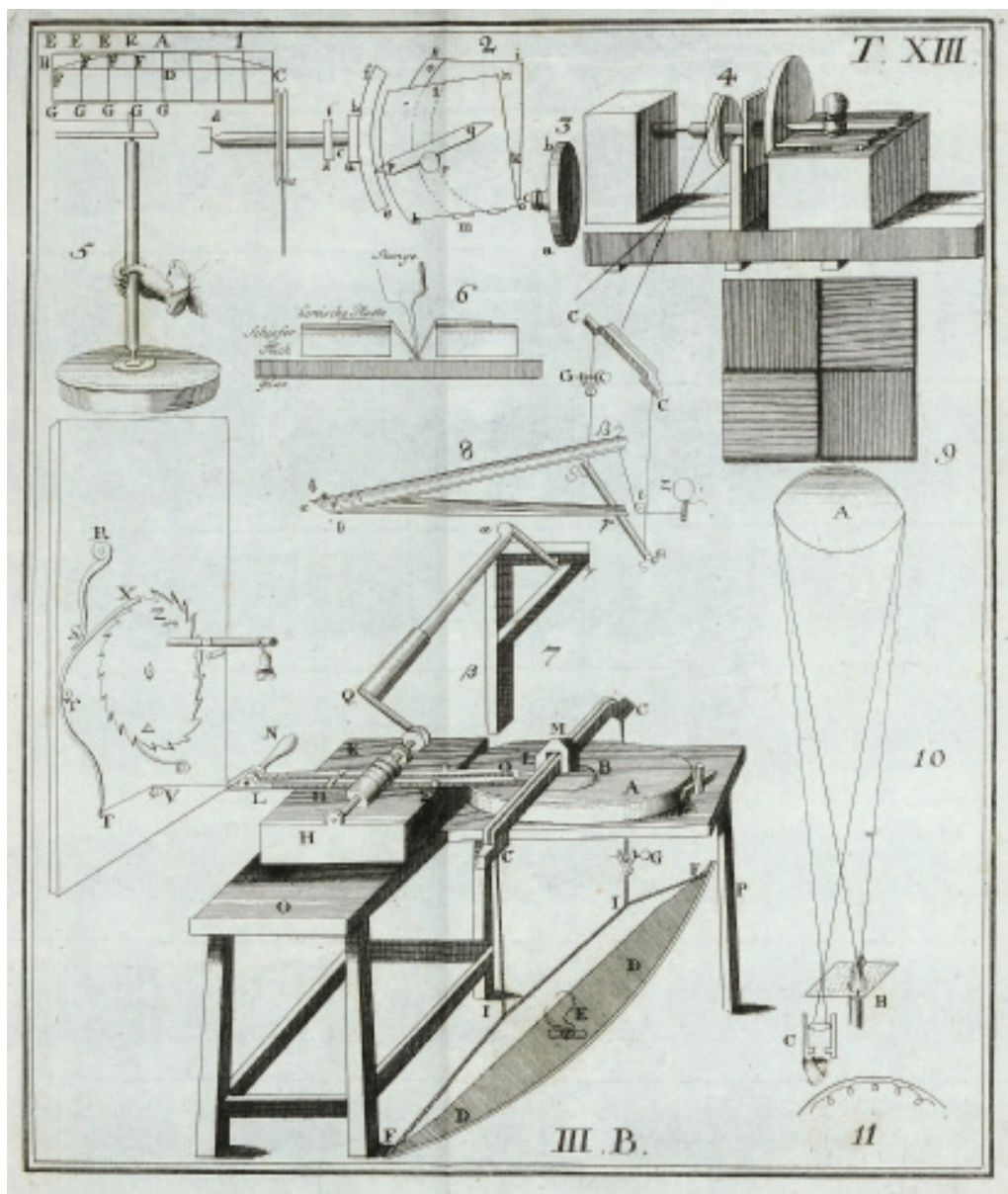
♣ Clay & Court, *History of the Microscope*, pp. 46, 70, 98, 110, 116, 117, & 229-31. King, *History of the Telescope*, pp. 56, 78, 84-85, & 120.

#### *Haller Amplified & Corrected*

**91. SPALLANZANI, Lazzaro.** *Dell' Azione del Cuore ne' Vasi Sanguigni. Nuove Osservazioni.* 1 p.l., 71, [1] pp. Small 4to, orig. semi-stiff boards, uncut. [Modena: 1768]. \$3950.00

First edition and a lovely copy of one of the author's scarcer books. Spallanzani's *Dell' azione del cuore ne' vasi sanguigni*, "outlined his findings on the action of the heart upon the blood vessels and was addressed to the great physiologist Albrecht von Haller...

"Haller's microscopic observations of blood movements in his *Deux mémoires sur le mouvement du sang* (1756) had been made by refracted light on medium-sized vessels in the isolated mesentery of the frog. Spallanzani, using P. Lyonet's novel dissecting apparatus, conducted his observations mostly in a darkened room with reflected light from sunbeams impinging upon exposed parts of the aquatic salamander. He systematically noted how the cardiac systolic force motivated the blood circulation. The rhythmic inequality of blood flow in the aorta and large vessels disappeared in medium and small arteries, becoming regular and uniform. The velocity diminished in the smaller vessels, but sinuities did not retard the flow. In the smallest vessels, individual red corpuscles negotiated acute angles and folds by elastically changing shape. The blood velocity in the venous system increased as the caliber of the vessels enlarged. Haller responded to the many amplifications and corrections of his work by securing Spallanzani's election to the Royal Society of Sciences of



Item 90. Smith, 1755 (reduced)

Göttingen."—*D.S.B.*, XII, p. 556.

Fine copy.

♣ Prandi, pp. 32-33.

**92. SUCKOW, Georg Adolph.** *Anfangsgründe der ökonomischen und technischen Chymie*. Fine engraved vignette on title of two putti in a chemical laboratory. Seven large folding printed tables (they are actually counted as pp. 663-76). xvi, 717, [1] pp. 8vo, cont. half-sheep & paste-paper boards, spine gilt, contrasting leather lettering piece on spine. Leipzig: Weidmann, 1789.

[with]:

—, *Zusätze...* 2 p.l., 202 pp. 8vo, binding as above. Leipzig: Weidmann, 1798. \$2250.00

Second edition, enlarged, of the first volume, accompanied by the first edition of the supplementary volume. Suckow (1751-1813), a member of the famous family of scientists, was professor of physics, chemistry, and natural history at the University of Heidelberg. He wrote many books and articles on chemistry, natural history, botany, and mineralogy.

"This extensive work on industrial and technical chemistry is in two parts. The first part covers theory...and the second treats applied or practical chemistry...The second section is divided into parts on vegetable, animal and mineral substances. In addition to numerous bibliographical notes in the text is the six page bibliography of chemistry including both books and periodicals."—Cole, p. 519 (describing the 1st ed. of 1784).

Fine and attractive set. Finely engraved contemporary bookplate of "Le Comte de Seinsheim."

♣ *A.D.B.*, Vol. 37, pp. 105-06. Ferchl, p. 523. Ferguson, II p. 417 (an incomplete copy). Neville, II, p. 528—"Rare." Neville's copy lacks the supplementary volume. Poggendorff, II, 1046-47.

### *Flax*

**93. TRECCO, Giovanni Battista.** *Coltivazione e Governo del Lino Marzuolo*. Fine engraved title & 12 finely engraved plates. 1 p.l., viii, 80 pp. Large 4to, orig. semi-stiff boards, many edges uncut. Vicenza: D. Bardella, 1792. \$3250.00

First edition of this handsomely illustrated work which describes the cultivation of the land to grow flax, and the entire process — harvesting, retting, breaking, scutching, cleaning, spinning, weaving, and bleaching — of flax to manufacture linen. The twelve plates depict methods of cultivation and



Item 93. Trecco, 1792 (reduced)

processing of flax, including the tools employed and workers in contemporary dress. Flax was, without any competitor, the most important of all vegetable fibers until the close of the 18th century when cotton took its place as the supreme vegetable fiber of commerce.

Trecco (1747-1830), abbot at the cathedral at Vicenza, was greatly interested in improving the agricultural methods used in Italy. His tireless efforts won him considerable local fame.

Fine and handsome copy in original state.

#### *Pioneer Work in Bone Generation*

- 94. TROJA, Michele.** *De Novorum Ossium, in Integris aut Maximis, ob Morbos, Deperditionibus, Regeneratione Experimenta...* Three folding engraved plates & one folding printed table. x, [11]-240 pp. 8vo, cont. vellum over boards (binding a little soiled & stained). Paris: F.A. Didot, 1775. \$1500.00

First edition. Troja (1747-1827), studied medicine at Naples and in 1774 he went to Paris where he began the research on the formation of bone tissue and bone generation which made him famous. Although Réaumur and Trembley had earlier demonstrated the regrowth of limbs in crustacea and polyps, no one before had considered the possibility of regrowth of bones.

"Troja demonstrated that if a foreign body is introduced into the marrow cavity of a long bone, the bony cylinder dies and a new bone is formed all around the necrotic one, the latter being eventually eliminated. Accordingly, Troja suggested that in treating extensive caries of the bone, marrow should be destroyed, so that new bone formation would result."—Leonardo, *Lives of Master Surgeons*, p. 428.

Troja later took up again his work on bone surgery and regeneration. In 1814 he first described the perforating connective-tissue fibers, usually known as "Sharpey's fibers."

Fine crisp copy. Ex Bibliotheca Mechanica.

☛ *D.S.B.*, XIII, pp. 464-65. Hirsch, V, p. 642—"a very important work" (in trans.).

- 95. TUERK, Wilhelm von.** *Vollständige Anleitung zur zweckmässigen Behandlung des Seidenbaues und des Haspelns der Seide, sowie zur Erziehung und Behandlung der Maulbeerbäume, nach den neuesten Erfahrungen und Beobachtungen.* Four folding engraved plates & three folding printed tables. vii, 131 pp.; xii, 140 pp.; xii, 100, [2] pp. Three parts in one vol. 8vo, cont. green morocco-backed green boards, flat spine nicely decorated in



Fig. I.

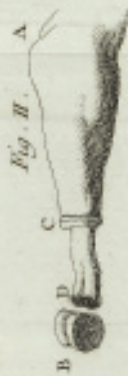


Fig. II.



Fig. III.



Fig. IV.

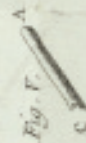


Fig. V.

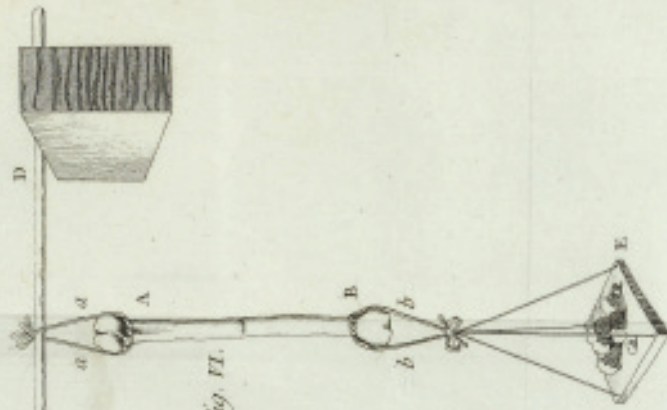


Fig. VI.

blind & gilt. Potsdam: Riegel, 1829.

\$1750.00

First edition of this rare work on sericulture and a lovely copy from the library of the Kings of Hannover. Türk (1774-1846), was a high government official in the education department.

The present work is one of the most complete of the time in Germany on the rearing of silkworms under artificial or domesticated conditions, their feeding, the formation of cocoons, etc. and the manufacture of silk and textiles made from silk. The author has provided an interesting history of sericulture and a survey of the silk-manufacturing activities throughout Europe, Turkey, Russia, and Asia.

Fine copy.

♣ A.D.B., Vol. 39, pp. 17-20.

**96. WALLERIUS, Johann Gottschalk.** *Mineralogie, oder Mineralreich, von Ihm eingeteilt und beschrieben.* Ins Deutsche übersezt von Johann Daniel Denso. One folding engraved plate. 24 p.l., 600, [32] pp. 8vo, cont. mottled sheep, spine richly gilt, red morocco lettering piece on spine. Berlin: C.G. Nicolai, 1750.

\$1950.00

First edition in German. This is Wallerius' "first great work, which was received as an outstanding handbook of contemporary knowledge; never before had such a wealth of minerals been presented so systematically. Wallerius' clear and precise descriptions, which gave more weight to essential chemical properties than to exterior appearance, opened a new epoch in mineralogy. The book became widely known in Europe through translations into German, French, Russian, and (later) Latin, and served as a model for later works."—*D.S.B.*, XIV, p. 144. First published in 1747 in Stockholm in Swedish.

Wallerius (1709-85), predecessor of Tobern Bergman in the chair of chemistry at Uppsala, applied chemistry with great success to agriculture and made numerous investigations into the composition of mineral, vegetable, and animal substances.

♣ Partington, III, pp. 169-72. Schuh, *Mineralogy & Crystallography: A Bibliography, 1469 to 1920*, 4878—"Very scarce."

**97. WATSON, James Dewey & CRICK, Francis Harry Compton.** "Molecular Structure of Nucleic Acids. A Structure of Deoxyribose Nucleic Acid" in *Nature*, Vol. 171, No. 4356 (25 April 1953), pp. 737-38. One text illus. Thick large 8vo, the entire Vol. 171 bound in cont. blue cloth. London: Macmillan, 1953.

[with]:



**WILKINS, M.H.F., STOKES, A.R., & WILSON, H.R.** "Molecular Structure of Deoxypentose Nucleic Acids" in the above, pp. 738-40. Two text illus. London: Macmillan, 1953.

[with]:

**FRANKLIN, Rosalind E. & GOSLING, R.G.** "Molecular Configuration in Sodium Thymonucleate" in the above, pp. 740-41. One text illus. London: Macmillan, 1953.

[with]:

**WATSON, James Dewey & CRICK, Francis Harry Compton.** "Genetical Implications of the Structure of Deoxyribonucleic Acid" in *Nature*, Vol. 171, No. 4361 (30 May 1953), pp. 964-67. Five text illus. London: Macmillan, 1953. \$7500.00

The original journal issues of *Nature* containing the paper recording "the discovery of the molecular structure of deoxyribonucleic acid (DNA), the main component of chromosomes and the material that transfers genetic characteristics in all life forms. Publication of this paper initiated the science of molecular biology. Forty years after Watson and Crick's discovery, so much of the basic understanding of medicine and disease has advanced to the molecular level that their paper may be considered the most significant single contribution to biology and medicine in the twentieth century...

"When Watson and Crick's paper was submitted for publication in *Nature*, Sir Lawrence Bragg, the director of the Cavendish Laboratory at Cambridge, and Sir John Randall of King's College agreed that the paper should be published simultaneously with those of two other groups of researches who had also prepared important papers on DNA: Maurice Wilkins, A.R. Stokes, and H.R. Wilson, authors of "Molecular Structure of Deoxypentose Nucleic Acids," and Rosalind Franklin and Raymond Gosling, who submitted the paper "Molecular Configuration in Sodium Thymonucleate." The three papers were published in *Nature* under the general title "The Molecular Structure of Nucleic Acids." Shortly afterwards, Watson and Crick published their paper "Genetical Implication of the Structure of Deoxyribonucleic Acid," in which they elaborated on their proposed DNA replication mechanism. In 1962, Watson, Crick, and Wilkins shared the Nobel Prize in Physiology or Medicine."—Grolier Club, *One Hundred Books Famous in Medicine*, 99.

Fine copy.

♣ Dibner, *Heralds of Science*, 200. Garrison-Morton 256.3.

*The Theory of the Origin of Ore Deposits;  
An Uncut Copy*

98. **WERNER, Abraham Gottlob.** *Neue Theorie von der Entstehung der Gänge, mit Anwendung auf den Bergbau besonders den freibergischen.* xxxx, 256 pp. 8vo, cont. paste-paper boards (minor foxing), uncut. Freiberg: Gerlach, 1791. \$2500.00

First edition. This work by Werner, who is known as the father of historical geology, describes his "theory of the origin of ore deposits which would be consistent with his general theory of the origin of the earth's crust...Many of its elements were of lasting value. Werner formulated basic questions about the origin and history of veins and their contents, established criteria for determining the relative age of veins and vein materials, and presented a comparative study of the structure of veins and rock masses...Perhaps the most important contribution of *Von den Entstehung der Gänge*, however, was that it made the study of vein formation an integral part of historical geology."—D.S.B., XIV, pp. 262-63.

Fine copy.

☛ Hoover 878.

99. **WOLFF, Christian, Freiherr von.** *Cosmologia generalis, Methodo Scientifica pertractata, qua ad Solidam, in primis Dei atque Naturae, cognitionem via sternitur.* One folding engraved plate. Title printed in red & black. 8 p.l., 448, [16] pp., one leaf of errata. Small 4to, cont. sheep (several scuff marks), spine gilt. Frankfurt & Leipzig: Renger, 1731. \$1500.00

First edition of one of the author's most important books. Wolff (1679-1754), was a famous mathematician and philosopher at the University of Halle and an ardent exponent of the philosophical ideas of his friend Leibniz.

Wolff's cosmological principles "emphasize the rational connections between things, given as sequences or coexistences; these formal themes were later directly echoed in Kant's writings. The visible world is a machine, operating in accordance with the laws of motion: almost one-third of the *Cosmologia generalis* treats these laws."—D.S.B., XIV, pp. 483-84.

Nice copy.

*A Landmark in the History of Embryology*

100. **WOLFF, Caspar Friedrich.** *Über die Bildung des Darmkanals im bebrüteten Hühnchen.* Uebersetzt und mit einleitenden Abhandlung und Anmerkungen versehen von Johann Friedrich Meckel. Two folding

engraved plates. 263, [1] pp. 8vo, orig. German marbled boards (extremities with minor wear & rubbing), orig. label on spine. Halle: Renger, 1812. \$4500.00

First separate edition and the first edition in German. "One of the acknowledged classics of embryology."—Garrison-Morton 471—(describing the publication of the Latin original in the journal of the St. Petersburg Academy of Sciences in 1768-69). Wolff's description of the formation of the chick's intestine by the rolling inward of the leaf-like layer of the blastoderm was important for proving his theory of epigenesis, and at the same time disproving preformationism. These leaf-like layers were a potent influence in the work of Pander and Baer, who praised this book highly.

Wolff's paper was largely ignored until the appearance of this translation into Germany by Meckel, who added a 56-page introduction and notes. "The publication of Meckel's translation of Wolff's treatise on the formation of the intestines of the chick was an event whose importance, in view of the profound influence which this work exerted upon Pander and von Baer, it would be difficult to overestimate."—Adelmann, *Marcel Malpighi and the Evolution of Embryology*, IV, pp. 1652-1702.

"It is interesting to note that the facts brought forward by Wolff have never been contradicted, but have been used as a foundation to which numberless morphological embryologists have added facts discovered by themselves."—Needham, *A History of Embryology*, pp. 221-23. In several places Wolff describes the mesonephroi, the renal organs now known as "Wolffian bodies." These descriptions are briefer than the ones in his *Theoria Generationis* (1759), "but are in some respects a distinct improvement on his earlier accounts" (Adelmann).

Very good clean copy. Blind library stamp on title and on p. 259. Inked withdrawn stamp on verso of title and a small hole in blank margin of first plate.

*Selective Subject Index Begins on Next Page*

*Selective Subject Index*

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