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I · Science, Medicine, & Natural History

"A SERIOUS SCIENTIFIC CONTRIBUTION TO THE SUBJECT"

MISS CURRER'S COPY

1] BANCROFT, EDWARD. *Experimental Researches concerning the Philosophy of Permanent Colours; and the Best Means of producing Them, by Dyeing, Calico Printing, &c.*

[iii]-lxi, [2], 542 pp.; 2 p.l., 518 pp. Two vols. 8vo, cont. polished calf (quite expertly rebacked), single gilt fillet round covers, spines gilt, contrasting morocco lettering pieces on spines. London: T. Cadell & W. Davies, 1813.

\$1850.00

Second edition, greatly revised, "of an important book on the theoretical treatment of dyestuffs and methods and processes of dyeing. It is a serious scientific contribution to the subject, many years in advance of its time. Bancroft (1744-1821) was an American-born physician, one of the early expatriates, who spent most of his life abroad, especially in Dutch Guinea and Europe. He was an autodidact who went on to become a member of the Royal Society and the College of Surgeons. He was friendly with Priestley and Franklin, among others, and has a threefold claim to fame: He discovered the dyeing properties (yellow) of the inner bark of the American Black Oak (*Quercus velutina*), which he introduced and marketed in Europe; he published this book; and he was an independent double agent, spying (for pay) for both sides during the American War of Independence."—Ron, *Bibliotheca Tinctoria*, pp. 44-45—(1st ed. of 1794).

This new edition includes Bancroft's numerous discoveries made during travels in North and South America.

Fine copy from the library of Miss Frances Mary Richardson Currer (1785-1861), "England's earliest female bibliophile" (De Ricci), with her bookplate in each volume. Half-titles lacking.

✦ D.N.B., I, pp. 1025-26—"a valuable account and discussion of the theory of colours and the methods of fixing them." Duveen, p. 639. Partington, III, pp. 515-16. Ron, *Bibliotheca Tinctoria*, 66. Cole describes the first edition and the 1814 American printing of our second edition.

THE ELECTROVEGETOMETER

2] BERTHOLON, PIERRE. *De l'Électricité des Végétaux. Ouvrage dans lequel on traite de l'électricité de l'atmosphère sur les plantes, de ses effets sur l'économie des végétaux, de leurs vertus médico & nutritivo-électriques, & principalement des moyens de pratique de l'appliquer utilement à l'agriculture, avec l'invention d'un électro-végétomètre.*

Fig. 1.

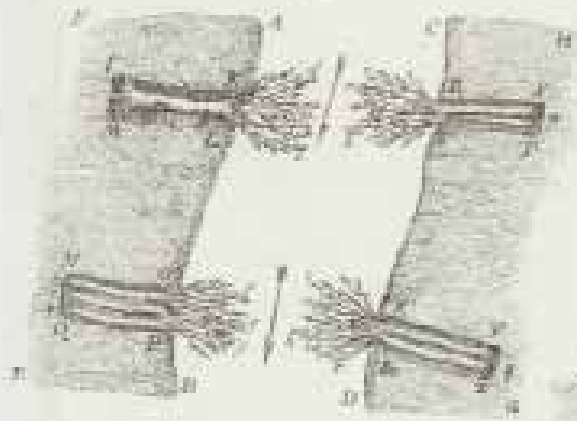


Fig. 2.



Fig. 3.



Fig. 4.



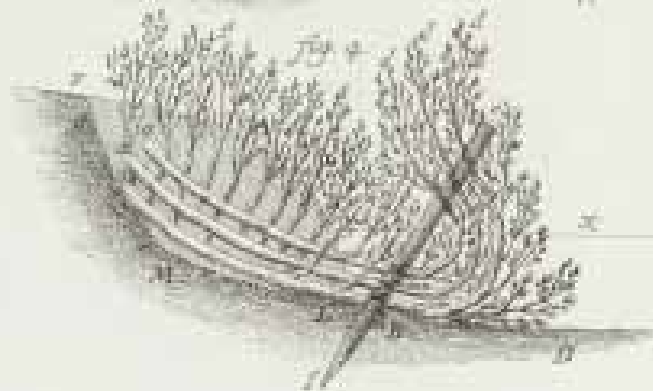
Fig. 5.



Fig. 6.



Fig. 7.



Three folding engraved plates & one folding printed table. xvi, 468 pp., 1 leaf. 8vo, cont. mottled calf, sides ruled in gilt, spine richly gilt, red morocco lettering piece on spine. Lyon: Bernuset, 1783. \$1500.00

First edition, Lyon issue (also issued at the same time in Paris by Didot) of one of the author's three principal works on electricity; it deals with the application of electricity to the growth of plants. Bertholon used an electrovegetometer of his own invention (illustrated on one of the plates). There are many references to the leading electrical experiments of the time.

"Bertholon's scientific contribution is important both qualitatively and quantitatively, for it included areas of great diversity — including urban public health, agriculture, aerostatics, and fires. He is particularly well known for his work in physics, especially in electricity. He played the same role in the south of France that the Abbé Nollet played in Paris; that is, he contributed greatly to the development of research in electricity."—*D.S.B.*, II, pp. 82–83. Influenced by his friend Benjamin Franklin, Bertholon supplied southern France with lightning rods.

Fine copy. Early, partly illegible, private library stamp on verso of title.

✎ Wheeler Gift Cat. 512bis.

RIVER CONTROL

3] BETTONI, CARLO. *Pensieri sul Governo de' Fiumi . . . Discorso diretto all'Accademia d'Agricoltura, Commercio ed Arti di Verona.*

21 fine folding engraved plates. 1 p.l., 8, 312 pp. Large 4to, cont. marbled semi-stiff boards. Brescia: P. Vescovi, 1782. \$2500.00

First edition and quite scarce. Count Bettoni (1735–86), spent most of his life developing improved agricultural techniques and applying mechanical inventions to agriculture. This book is devoted to methods of river control to prevent flooding and erosion. The author recommends securing river banks by planting trees, grasses, and other kinds of vegetation (with many of the plates depicting numerous methods of planting in different situations). There is an interesting description (pp. 277–308) of a machine invented by Giuseppe Avanzini to measure fluid resistance with many references to d'Alembert, Ducrest, Bossut, and Condorcet. This section is highly mathematical.

The plates are most handsome and several depict rather fascinating water raising machines.

Fine copy.

✎ Riccardi, I, 126.

AN IMPORTANT EVOLUTIONARY WORK

4] BONNET, CHARLES. *Traité d’Insectologie; ou Observations sur les Pucerons.*

Eight folding engraved plates & 2 folding printed tables. Tables in the text. 2 p.l., xxxii, [6], 228 pp.; 6 p.l., 232 pp. Two vols. Small 8vo, cont. green morocco, sides decorated in gilt, spines richly gilt, red morocco lettering pieces on spines, a.e.g. Paris: Durand, 1745. \$6500.00

First edition and a very fine and pretty set of this important work which greatly influenced later evolutionary opinion. Copies in contemporary morocco are rare.

“This pioneering work on experimental entomology incorporates Bonnet’s most important discovery – parthenogenetic reproduction – based on his study of aphids. Bonnet used the result of this and other discoveries as a basis for speculation about life on earth. This work presents in tabular form his version of the ‘great chain of being’. Bonnet’s concept of the essential continuity of life, a consequence of his discovery and preformationist interpretation of parthenogenesis, was a major force in the shaping of later evolutionary opinion.”—Garrison-Morton 308.

A very attractive set.

✘ D.S.B., II, pp. 286-87. Bentley Glass, “Heredity and Variation in the 18th Century Concept of the Species” in *Forerunners of Darwin: 1745-1859*, p. 164—“In the eighteenth century, the theory of ‘evolution’ was the theory of Charles Bonnet.”

“OF PRIME IMPORTANCE FOR PLANT BIOLOGY”

5] BONNET, CHARLES. *Recherches sur l’Usage des Feuilles dans les Plantes, et sur quelques autres Sujets relatifs a l’Histoire de la Vegetation.*

Engraved vignette on title & 31 folding engraved plates. Title in red & black. vii, [1], 343, [1] pp. Large 4to, cont. mottled calf, spine gilt, orange morocco lettering piece on spine. Göttingen & Leyden: E. Luzac, Fils, 1754. \$1750.00

First edition and a very handsome copy. “In the *Recherches*, Bonnet grouped five memoirs, all of which were of prime importance for plant biology: He precisely described the characteristics of the nutrition of leaves and of their transpiratory phenomena. Although he did not know the kinds of gases (oxygen and carbon dioxide) produced and absorbed by green leaves exposed to light, Bonnet made very careful observations on their production. For his masterly experimentation, Bonnet should be considered one of the first naturalists to investigate experimentally the ques-

tion of photosynthesis. He studied the movement of leaves and discovered the epinastic phenomena; he observed the position of leaves on the axis of the stalk and collected a great many anatomic facts; he returned to experiments on etiolation, on the movement of the sap, and on teratology."—*D.S.B.*, II, p. 286.

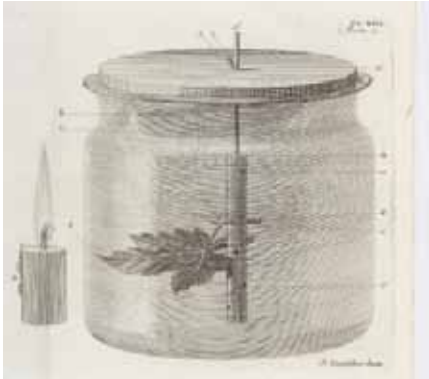
The handsome plates were engraved by Jacob vander Schley and Wandelaer, who executed the famous anatomical plates of Albinus.

A really fine and unpressed copy.

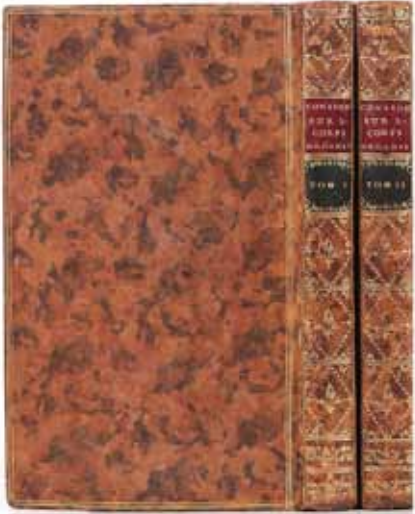
☞ Pritzel 981.



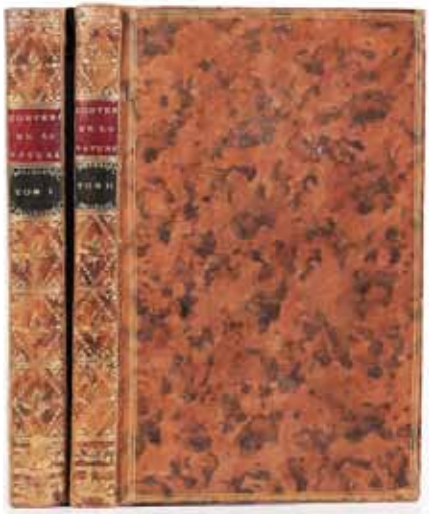
ITEM 4



ITEM 5



ITEM 6



ITEM 7

PREFORMATION

6] BONNET, CHARLES. *Considerations sur les Corps Organisés, Ou l'on traite de leur Origine, de leur Développement, de leur Réproduction, &c. & ou l'on a rassemblé en abrégé tout ce que l'Histoire Naturelle offre de plus certain & de plus intéressant sur ce sujet.*

xlii, one leaf of errata, 274 pp.; xx, 328 pp. Two vols. 8vo, cont. polished mottled calf (small inkstain to outer lower corner of the first 30 leaves), triple gilt fillet round sides, flat spines nicely gilt, red & green morocco lettering pieces on spines. Amsterdam: M.M. Rey, 1762. \$2000.00

First edition and a lovely set of this important work. Bonnet (1720-93), is considered one of the fathers of modern biology. He was an enthusiastic champion of preformation, the theory postulating that the animal already existed in miniature in the germ cell, which is first stated in this work. "Bonnet's theory of generation offered the best synthesis of 18th-century ideas of development and remained a leading authority until von Baer . . . He used many of Haller's arguments to support his own opinions."—Garrison-Morton 472.

Pretty set with the stamp on half-titles of Antoine Passy (1792-1873), French biologist and geologist.

✂ Needham, *A History of Embryology*, pp. 213-14.

HIS MAJOR THEORETICAL WORK ON BIOLOGY

7] BONNET, CHARLES. *Contemplation de la Nature.*

Engraved vignette on each title. 3 p.l., lxxxiv, 298 pp.; 2 p.l., vi, 260 pp. Two vols. 8vo, cont. polished mottled calf (some browning as usual), flat spines gilt, red & green morocco lettering pieces on spines. Amsterdam: M.M. Rey, 1764. \$2500.00

First edition of Bonnet's major theoretical work on biology. "A true theoretician of biology, he exercised an enormous influence in this field and maintained a correspondence with almost all the scientists of his time."—*D.S.B.*, II, p. 286. Bonnet stamped upon the comparative anatomy of his age a rigid interpretation of the Aristotelian ladder of nature. Passing from the most subtle of the elements, fire and air, through water and earth, to the minerals, it ascended through crystals to living things, proceeding via moulds, plants, insects, and worms to fish, birds, mammals, and finally to man. Man is the type by which other forms must be tested.

A pretty set with the stamp on half-titles of Antoine Passy (1792-1873), French biologist and geologist.

✂ N.B.G., VI, 629—"C'est dans sa *Contemplation de la Nature* . . . que son génie se déploie tout entier."

8] BONNET, CHARLES. *Oeuvres d'Histoire Naturelle et de Philosophie.*

Fine engraved frontis. port. of Bonnet in Vol. I, three folding printed tables, 56 engraved plates (mostly folding), & many engraved vignettes. Eight vols. bound in ten. Large 4to, cont. red sheep-backed marbled boards, flat spines gilt. Neuchâtel: S. Fauche, 1779-83. \$4750.00

First edition, and a very fine and pretty set of the large 4to issue, of the collected scientific and philosophical writings of Bonnet (1720-93). He "is considered one of the fathers of modern biology. He is distinguished for both his experimental research and his philosophy, which exerted a profound influence upon the naturalists of the eighteenth and nineteenth centuries."—*D.S.B.*, II, p. 286.

Fine set in an attractive binding.

✦ See Garrison-Morton 308 & 472.

AN IMPORTANT WORK IN GEMOLOGY

9] BRISSON, MATHURIN-JACQUES. *Pesanteur Spécifique des Corps. Ouvrage utile à l'Histoire Naturelle, à la Physique, aux Arts & au Commerce.*

Two engraved plates. 1 p.l., xxiv, 453, xx pp., one leaf of errata. Large 4to, cont. marbled calf, triple gilt fillet round sides, spine nicely gilt, red morocco lettering piece on spine. Paris: Imprimerie Royale, 1787. \$2500.00

First edition and a very fine copy of an important work in gemology. Brisson's research on specific gravity, presented here for the first time, was accurate enough to allow gemologists the ability to distinguish between authentic and fake precious stones. Brisson (1723-1806), was "a pioneer in scientific gemology because he recognized consistent differences in value between various gemstone species and urged that these be used as a means of identification in conjunction with color and obvious external features, especially crystal shapes, hardness, and single or double refraction . . . Rare."—Sinkankas, *Gemology*, 932.

Brisson was a close collaborator of Lavoisier and successor of Nollet to the chair of experimental physics at the Collège de Navarre. He was an important and influential disseminator of the ideas of physics through his teaching and writings.

Attractive copy.

✦ Cole 204. *D.S.B.*, II, p. 474. Schuh, *Mineralogy & Crystallography: A Bibliography*, 1469 to 1920, 847—"Very scarce."

10] BRUSCHETTI, GIUSEPPE. *Istoria dei Progetti e delle Opere per la Navigazione-interna del Milanese.*

Six large folding engraved plates. xiv, 291 pp. Large 4to, cont. green half-sheep *maroquiné* & marbled boards, flat spine gilt, red leather lettering piece on spine, uncut. Milan: G. Bernardoni, 1821. \$2950.00

First edition of Bruschetti's first history of the construction of the canals, channels, and aqueducts linking the city of Milan to several important rivers and providing water for the city and its environs. Bruschetti (1793-1871), was a historian of science and an observer of the industrialization of Milan.

The first chapter discusses the pre-18th-century projects to build canals and channels in order to drain lands and to bring water from the Alps to the rapidly growing city. The earliest canal, the Naviglio Grande, dates from 1177-1257. Chapter II is concerned with 18th-century building projects. The remaining chapters discuss the extensive and complex early 19th-century public works projects of canals, aqueducts, and wells which provided water to the city and irrigated the surrounding farm lands. There is also much on the canals — including the Naviglio Grande, Naviglio Pavese, and the Canale di Pavia — which connect Milan to the Ticino, Po, and Adda rivers, Lago di Como, and Lago Maggiore.

The fine and very large folding engraved plates consist of two maps showing the routes of the canals and four plates depicting the construction details of the canals including locks and embankments.

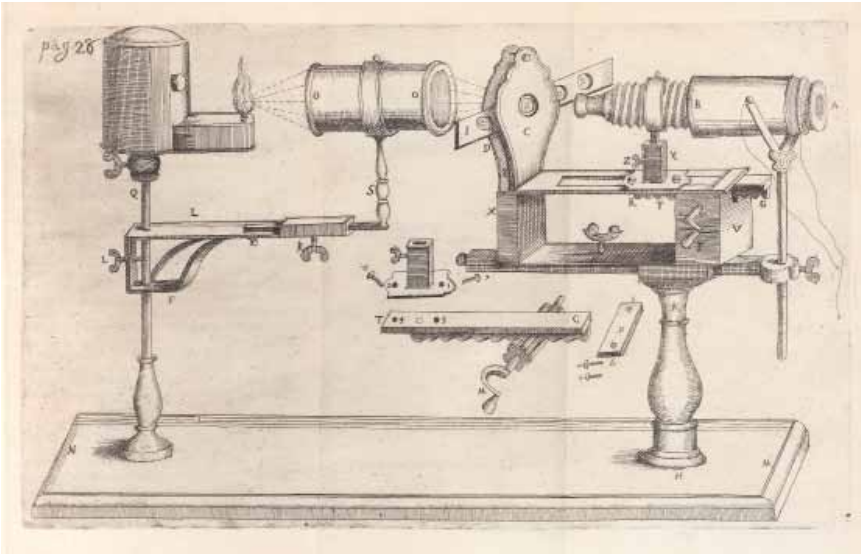
A fine and attractive copy with large margins. Early bookplate of "Ingenere Flaviano Ballarati di Sacconago."

11] BUONANNI (OR BONANNI), FILIPPO. *Micrographia Curiosa sive Rerum minutissimarum Observationes, quae ope Microscopii recognitæ & expressæ curiosorum Naturæ Exploratorum utilitati proponuntur . . .*

Added engraved title & 40 engraved plates (three are folding). 1 p.l., 106 pp., one blank leaf. Small 4to, cont. English panelled calf (corners renewed, re-backed, some dampstaining in gutter at foot to first ten leaves). Rome: A. de Rubeis, 1703. \$6500.00

First separate edition, originally published as the second part of the author's *Observationes circa viventia* (1691). Our edition — which is actually the original printing of the second part with a new title-page — is very rare with only one copy located by WorldCat.

Buonanni (1738-1725), one of the most learned Jesuits of his time, was a pupil of Athanasius Kircher, and succeeded his master as teacher of



mathematics at the Collegium Romanum. This work is one of the earliest Italian treatises on microscopy. It contains interesting observations on early microscopes and a precise description of Buonanni's own compound microscopes, which are illustrated on two plates. The rest of the plates show objects seen through the microscope, including a number of illustrations of insects. "The quality of his illustrations of various insects was excellent – particularly those of the fly, louse, mite, flea, and mosquito. Indeed, his drawings of the *Culex pipiens* (common house mosquito) are the best of the seventeenth century)." –*D.S.B.*, II, p. 591.

Very good copy. Duplicate from the British Museum with their duplicate stamp dated 1787. Armorial bookplate of Sir John Ingilby Bart. (1758-1815), M.P. and Fellow of the Royal Society.

✦ Clay & Court, *The History of the Microscope*, pp. 84-86. Garrison-Morton 264–(1st ed. of 1691).

ARCHIMEDES'S PUMP

12] [CEREDI, GIUSEPPE]. *Tre Discorsi sopra il Modo d'alzar Acque da' Luoghi bassi . . .*

Woodcut printer's device on title, four folding woodcut plates within pagination (numbered 69, 70, 75, & 78), & 8 woodcuts in the text. 10 p.l., 100 pp. (i.e. 99). Small 4to, cont. limp vellum (faint dampstaining in upper & lower margins). Parma: S. Viotti, 1567. \$8500.00

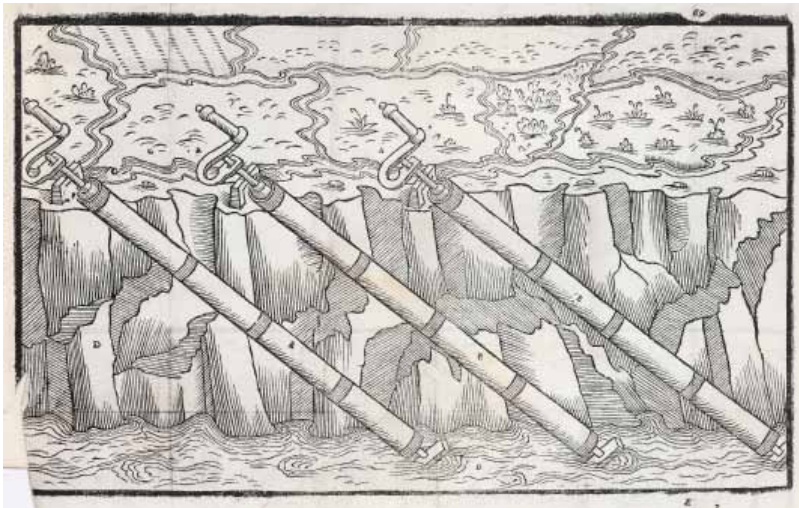
First edition of an uncommon and important illustrated work on the Archimedean screw and improvements made to it. Following the publication of Ceredi's book describing the screw and the granting of a patent by the Venetian Republic, these pumps became more widely used in southern Europe for drainage and irrigation. Galileo later made improvements to it.

"The engineer Giuseppe Ceredi of Piacenza . . . published at Parma in 1567 a book called *Tre Discorsi sopra il Modo d'Alzar Acque da' Luoghi Bassi* (*Three Discourses on Means of Raising Water from Low Places*). Ceredi was interested in the construction and use of the Archimedean screw for the irrigation of fields and the draining of swamps. He had found that the devices in use were inefficient, and sought to discover the rules of design by which they might be improved. The results led him to specify a maximum length and optimum dimension for the water-channel, to suggest batteries of screws for lifts higher than the efficient maximum length, and to examine the design of cranks and other devices for turning the screws. Though not written in deductive form, Ceredi's investigations belong to theoretical mechanics; they are reminiscent of the experiential rules given by Philo of Byzantium for the construction of ballistae . . .

"Also worthy of note, though unrelated to our subject, is Ceredi's economic analysis of the probable gain in crop yield through irrigation as compared with the operating and capital costs of machinery and the expense of labour in harvesting and hauling to market the increased yield."—Drake and Drabkin, *Mechanics in Sixteenth-Century Italy*, pp. 51-2.

The attractive woodcut plates depict various aspects and uses of the screw. Very good copy.

✠ Hoover 210. Riccardi, I, 339.





"A STOREHOUSE OF INFORMATION . . . A VALUABLE SOURCE"

13] [DÉZALLIER D'ARGENVILLE, ANTOINE JOSEPH]. *L'Histoire Naturelle éclaircie dans deux de ses Parties principales, la Lithologie et la Conchyliologie, dont l'une traite des Pierres et l'autre des Coquillages, Ouvrage dans lequel on trouve une nouvelle Méthode & une Notice critique des principaux Auteurs qui ont écrit sur ces Matières.*

Finely engraved allegorical frontis. after Boucher (a bit foxed) & 33 finely engraved plates. Title printed in red & black. 4 p.l., 491, [1] pp. Large thick 4to, cont. polished calf (a bit rubbed, very short splits at tops of joints), double gilt fillet round sides, spine richly gilt, red morocco lettering piece on spine, a.e.g. Paris: De Bure l'Ainé, 1742. \$2950.00

First edition and a very handsome, large copy. Dézallier (1680-1765), counselor to the King, was one of the leading popularizers of natural history in France during the 18th century. He published descriptions of many notable natural history collections in Paris and the provinces.

This work was written for the collector in order to facilitate the identification of shells for the cabinet. It "was very popular with collectors and even Linnaeus utilized it to arrange his shells."—Dance, *Shell Collecting. An Illustrated History*, pp. 58-59. There is an extensive list of shells, with remarks on rarity and desirability, followed by a discussion of private natural history collections in Paris and Holland, with remarks on the outstanding features of each collections.

"A storehouse of information on stones and shells. It remains today a valuable source because it describes many of the famous eighteenth-century natural history collections of Europe."—Kafker, *The Encyclopedists as Individuals: A Biographical Dictionary of the Authors of the Encyclopédie*, p. 13.

Fine copy. The plates are especially well-engraved. Title a little foxed. Old stamp of the Odense Cathedral School Library on title.

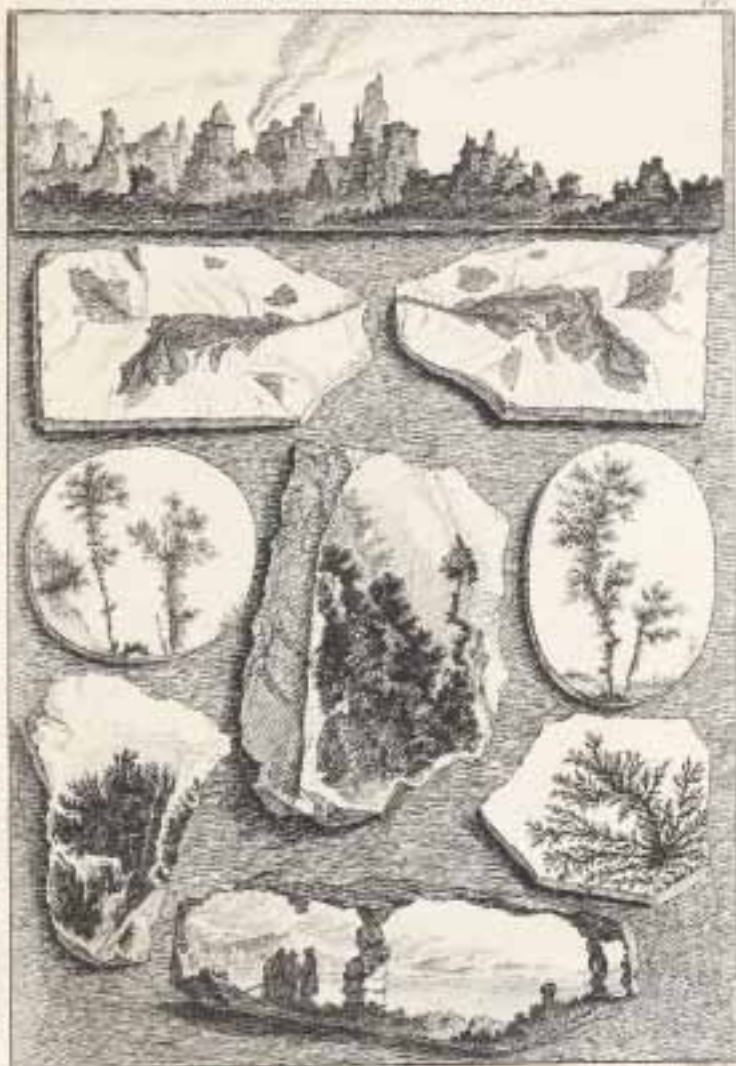
✎ Schuh, *Mineralogy & Crystallography: A Biobibliography, 1469 to 1920, 1337*—"The 33 engraved plates show mineralogical and conchological subjects . . . Scarce. An important work on lithology and conchology, including discussions of the contributions of the chief authors on these subjects, and a method of classification for shells, as well as tables in Latin and French."

"AN IMPRESSIVE COMPILATION OF 18TH CENTURY MINERAL KNOWLEDGE"

14] [DEZALLIER D'ARGENVILLE, ANTOINE JOSEPH]. *L'Histoire Naturelle éclaircie dans une de ses parties Principales, l'Oryctologie, qui Traite des Terres, des Pierres, des Metaux, des Minéraux, et autres Fossiles, Ouvrage dans lequel on trouve une nouvelle méthode Latine & Francoise de les diviser, & une notice critique des principaux Ouvrages qui ont paru sur ces matières.*

Engraved allegorical frontis. & 25 finely engraved plates. Title in red & black. 4 p.l., xvi, 560 pp., one leaf of errata (final leaf a little foxed). Large 4to, cont. mottled sheep (joints & corners carefully repaired), spine gilt. Paris: De Bure, 1755. \$2950.00

PIERRES ARBORISEES.



Les pierres de M^r De la Bourdonnaye, trouvées à Paris pendant la Révolution.

First separate edition; this work first appeared in 1742 as part of the author's *Conchyliologie*. Dézallier has expanded the text for this edition and added extra illustrations. The plates in the present work are well-known for their beauty and they illustrate many rocks, minerals, and fossils. Each plate bears the name of the subscriber who paid for its production.

"Scarce. An impressive compilation of 18th century mineral knowledge. Dezallier's introduction provides a critical review of past authors and their books. This is followed by a précis of his mineralogical system that gives a tabular arrangement of minerals, stones and precious gems, that is immediately followed by a detailed discussion of the classification. Dezallier recognized three classes of minerals: Terres (earths), Pierres (stones), and all others. Within each, groupings are differentiated primarily by physical properties such as color, form, weight, etc. The author claims this method was new because it follows the natural and apparent qualities of the species it distributes; however, its principles were set forth by several predecessors, the earliest of whom was Agricola. A final section provides an excellent and detailed account of the mineralogy of France. Accompanying and scattered throughout the text are 26 finely engraved plates. These illustrations that rank among the best natural history engravings of the 18th century show minerals, stones, fossils, coral, birds and fish."—Schuh, *Mineralogy & Crystallography: A Bibliography, 1469 to 1920*, 1338.

Very good copy.

HOW TO COLLECT SHELLS

15] [DÉZALLIER D'ARGENVILLE, ANTOINE JOSEPH]. *Conchyliologie nouvelle et portative, ou Collection de Coquilles propres à orner les Cabinets des Curieux de cette partie de l'Histoire Naturelle, mises par ordre alphabétique, avec les notes des endroits d'où elles se tirent, & des Cabinets qui renferment les plus rares.*

328, [5] pp. 12mo, cont. mottled calf, flat spine gilt, red morocco lettering piece on spine. Paris: Regnard, 1767. \$1950.00

First edition of this popular guide to shell collecting, written for private collectors. There is an extensive list of shells, with remarks on rarity and desirability, followed by a list of the private natural history collections in and around Paris, with remarks on the notable features of many of them. Nice copy.

16] DIONIS DU SÉJOUR, ACHILLE PIERRE. *Essai sur les Phénomènes relatifs aux disparitions périodiques de l'Anneau de Saturne.*

One folding engraved plate. 2 p.l., xxxii, 444 pp. 8vo, attractive antique calf-backed marbled boards, flat spine gilt. Paris: Valade, 1776. \$2500.00

First edition of this uncommon book on the varying appearance of the rings of Saturn. "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.) . . . 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.

Nice copy.

✎ Lalande, p. 599—"Il contient toutes les formules et tous les détails nécessaires pour cette espèce de phénomènes."

17] (FERRACINA (OR FERRACINO), BARTOLOMMEO). *Vita e Macchine di Bartolommeo Ferracino . . . colla Storia del Ponte di Bassano dal Medesimo rifabbricato . . .*

By Francesco Memmo. Fine engraved frontis. port. of Ferracino & three folding engraved plates. xii, 222 pp. Small 4to, orig. *carta rustica*, uncut. Venice: Remondini, 1754. \$4500.00



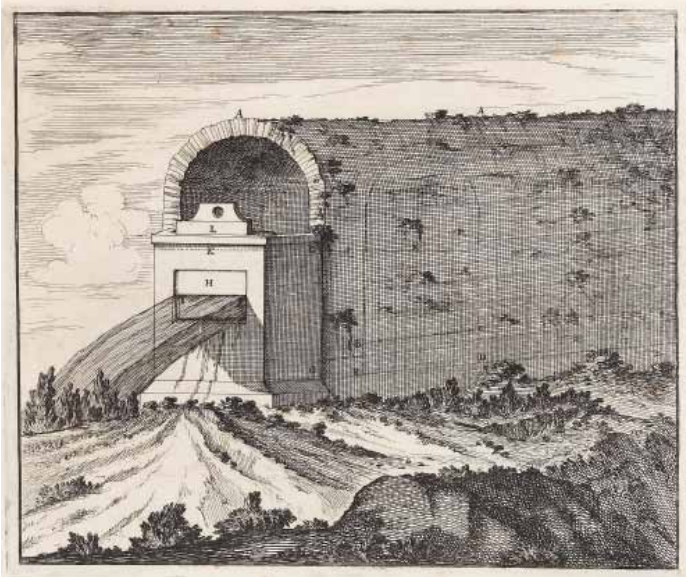
First edition. Ferracino (1692-1777), an engineer from Padua, was "interested in machinery from his earliest years, his first invention being a wind-powered saw. Interest in horology and automata produced the well-known clock at St. Mark's in Venice. The most outstanding of his inventions was his Hydraulic Machine which lifted water thirty-five feet from the River Brenta . . . Because of his fame as an engineer, Ferracino was asked to reconstruct the city bridge of Bassano. This volume opens with a short life of Ferracino, including some laudatory verses, followed

by a history of the city bridge at Bassano from 1110 to its destruction. The following section deals with the reconstruction of the bridge and a controversy surrounding it.”—Roberts & Trent, *Bibliotheca Mechanica*, p. 115.

The attractive plates depict his famous hydraulic machine, the reconstructed city bridge at Bassano, and an elaborate pile driver.

Nice uncut copy.

✠ Riccardi, I, 147.



“EXQUISITELY ILLUSTRATED”

18] FONTANA, CARLO. *Utilissimo Trattato dell' Acque correnti. Diviso in Tre Libri, nel quale si notificano le Misure, ed Esperienze di Esse. I Giuochi, e Scherzi, li quali per mezzo dell' Aria, e del Fuoco, vengono operati dall' Acqua.*

Two double-page plates & 80 engravings in the text. 8 p.l., 196, [16] pp. Folio, orig. *carta rustica* (covers a little soiled & spotted, first few leaves a little dampstained in outer lower corner). Rome: G.F. Buagni, 1696. \$7500.00

First edition and a fine fresh copy of this finely illustrated work on baroque hydraulics. Fontana (1638-1714), was the most important Roman architect of his generation.

This book “emerges from an actual design problem. The practical source for this theoretical work was the project for the raising of the water level of

Lake Bracciano, necessary since the second fountain in Saint Peter's square, built by Bernini under Pope Clement X, was to be fed with water brought from this lake . . .

"In the three parts of *Acque correnti*, Fontana takes up a wide range of empirical and theoretical issues. In his discussion of the behavior of water, Fontana challenges Galileo's theory of flotation, positing water as heavier than earth. The technique of moving water through lead pipes is discussed, as is the theory of the speed of the movement of water, followed by an analysis of compression and the functioning of pumps. In the third part, Fontana deals specifically with the project of bringing water from Bracciano to Rome. The water brought from Bracciano was drawn from the property of the Orsini, and Fontana was able to draw from a rich range of documents in the family archives . . .

"The *Acque correnti* is exquisitely illustrated with engravings of a high artistic and decorative standard, and thus appreciated not only by hydraulic engineers but also by collectors of fine books and wealthy patrons of garden fountains. Despite this aesthetic quality, however, the book is modest in length and compact in format, suitable for practical use . . . The text of the *Acque correnti* aims at scientific clarity and addresses the hydraulic engineer and fountain specialist."—*Millard Architectural Collection*, IV, 39.

Fine copy. Occasional light browning.

✦ Riccardi, I, 465-66—(with a long note). Roberts & Trent, Bibliotheca Mechanica, pp. 115-16.

19] GALEN. *Libellus Quemadmodum quis animi sui affectus dinoscat & corrigat*, Joanne Caselio interprete.

61, [19] pp. 4to, attractive antique calf-backed boards (some light browning due to the quality of the paper), spine gilt, red morocco lettering piece on spine. Helmstedt: J. Lucius, 1596. \$1250.00

First edition of this scholarly edition of one of Galen's chief works on mental illness, *De propriorum animi cuiusque affectuum dignotione et curatione*, edited, and with scholia of Johannes Caselius (1533-1613), German humanist and professor of philosophy and rhetoric at the University of Helmstedt. He was well-known for his translations of classical literature.

Galen relied on humoral theory which stated that mental disturbances resulted mainly from humoral imbalances in the brain that damaged its functioning. Treatment aimed at re-establishing the balance of the bodily humors, primarily on the principle of contraries, or at removing or moderating the effect of physical causes, especially by evacuations and drugs.

Apart from the light browning, a fine copy. Rare.

✦ Durling 1919.

"A GREAT CLASSIC THAT FORMED THE BASIS OF MODERN PHYSICAL EDUCATION"

20] GUTS MUTH, JOHANN CHRISTOPH FRIEDRICH. *Gymnastik für die Jugend. Enthaltend eine Praktische Anweisung zu Leibesübungen. Ein Beytrag zur nöthigsten Verbesserung der körperlichen Erziehung.*

Engraved frontis. & ten engraved plates (one folding). xviii, [18], 663, [1] pp. (subscribers' list misbound at end). Small thick 8vo, cont. half-calf & marbled boards (spine a bit rubbed, occasional unimportant dampstaining), pink & green pigskin lettering pieces on spine. Schnepfenthal: im Verlage der Buchhandlung der Erziehungsanstalt, 1793. \$3250.00



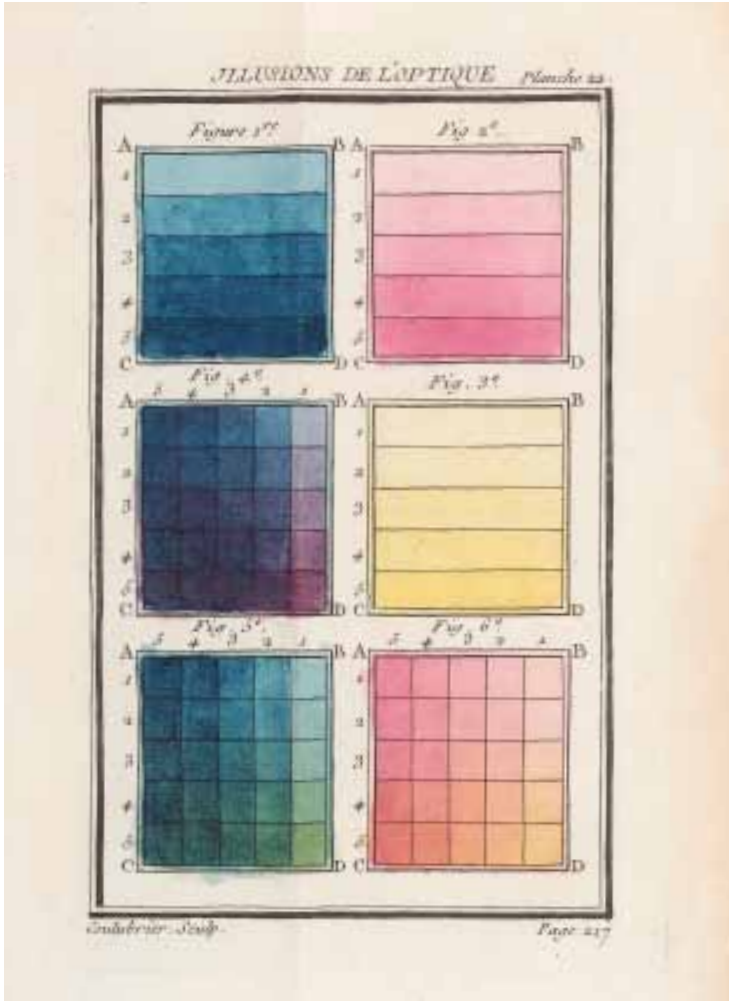
First edition of the author's first and best-known work; it is a "great classic that formed the basis of modern physical education . . . the first manual published by a practical physical educator . . . Ch. 6 to 15 are devoted to different physical exercises: high jumping, pole vaulting, jumping across a ditch; throwing a wooden discus, archery; running, skipping rope; wrestling; walking on the balance beam, balancing rods on the fingers; lifting, carrying, pulling; going up and down a rope ladder, swinging on vertical ropes, climbing a mast; dancing, skating and long walks; bathing and swimming. Ch. 17 and 18 deal with declaiming and exercises of the senses: reading out loud so

as to be heard by a person stationed at various distances and estimating distance with the naked eye. The final chapters are on manual labour and training."—Hagelin, *Kinetic Jottings*, pp. 104-05.

Guts Muth (1759-1839), was a teacher at a school in Schnepfenthal, at the foot of the Thuringian forest. A small court among the oak trees was prepared for the daily lessons in gymnastics.

The charming and well-engraved plates depict equipment and the boys performing the various exercises.

Fine copy.



21 | GUYOT, EDMÉ GILLES. *Nouvelles Récréations Physiques et Mathématiques, contenant, Toutes celles qui ont été découvertes & imaginées dans ces derniers temps, sur l'Aiman, les Nombres, l'Optique, la Chymie, &c., & quantité d'autres qui n'ont jamais été rendue publiques.*

68 finely handcolored folding plates, 9 black & white plates (six are folding), & four price-lists (one at the end of each vol.), all engraved. 2 p.l., iv, xxiii, [1], 243, [5] pp.; 2 p.l., x, [2], 322 pp.; xvi, 240, [8] pp.; 2 p.l., xvi, 232, [8] pp. Four vols. 8vo, cont. mottled calf (headcap of Vol. I a little worn, some worming in Vol.

II touching text & plates), flat spines gilt, contrasting leather lettering pieces on spines. Paris: Gueffier, 1769-69-70-70. \$2500.00

First edition of this handsomely illustrated work which contains 77 engraved plates, of which 68 are finely handcolored, depicting electrical experiments, chemical and optical apparatus, scientific games, etc.

This book is one of the most extensive and certainly the most beautifully illustrated of a genre of popularized scientific texts which were rather common in the late 18th century. Experimental science was a fashionable pursuit among the leisured classes in the second half of 18th century in Europe and Guyot was one of several illustrious lecturer who satisfied the intellectual appetites and curiosities of an ever-increasing number of amateurs of science. This publication was written for the enlightened layman rather than the professional researcher.

The first volume is devoted to magnetic and electrical experiments and games; the second to instruments involving numbers and games entailing magical feats of memory. The third volume deals with optical apparatus including a camera obscura (see Gernsheim, *History of Photography*, p. 28 & note 49 regarding the instrument described and illustrated in the present work) and optical illusions. The final volume contains numerous chemical experiments.

Each volume has an engraved leaf at the end with a price list of the instruments described in the text and which were available through Guyot in Paris.

Guyot (1706-86), was the postmaster general of Paris and the author of several other scientific works.

Apart from the worming in the second volume, a fine set.

✎ Wheeler Gift Cat. 426.

THE FIRST FRENCH MICROSCOPIST

22] JOBLLOT, LOUIS. *Observations d'Histoire naturelle, faites avec le Microscope, sur un grand nombre d'Insectes, & sur les Animalcules qui se trouvent dans les liqueurs préparées, & dans celles qui ne le sont pas, &c. avec la Description & les Usages des différens Microscopes, &c. Partie déjà publiées . . .*

Fine engraved headpiece (repeated three times) depicting a scientist in his laboratory & 53 folding engraved plates. xx, 38, 124 pp.; vi, 78, 27 pp. Two vols. in one. Large 4to, cont. polished calf (corners very carefully repaired), spine gilt, contrasting leather lettering piece on spine. Paris: Briasson, 1754-55. \$3500.00

Second edition, greatly enlarged, of the first French book on microscopy (1st ed.: 1718 with the title *Descriptions* and only 34 plates). Joblot (1645-1723), professor of mathematics at the Ecole nationale des Beaux-Arts, probably became interested in microscopy during the visit of Huygens and Hartsoeker to Paris in 1678 when they demonstrated microscopes brought from Holland.

While Joblot's observations were largely limited to protozoa in the first edition, the second edition reflects his study of minerals, plant cross-sections, and insects, illustrated on the plates in the first volume. The charming headpiece, repeated three times, depicts a scientist in his laboratory, surrounded by instruments, specimens, and books. The second volume contains a number of fine plates depicting many new kinds of microscopes and their construction.

Joblot "introduced some improvements, including the use of stops (diaphragms) in compound microscopes to correct for chromatic aberration. Joblot designed the first *porte loupe*, a simple preparation microscope in





which the lens is supported by a string of 'Musschenbroek nuts,' forming a ball-and-socket jointed arm."—*D.S.B.*, VII, p. 110.

A very handsome copy. Several leaves of the table of contents mis-bound in the second volume.

✱ Clay & Court, *History of the Microscope*, pp. 57-61. Dobell, *Leeuwenhoek and his Little Animals*, p. 372.

"DOG DAYS"

23] MAIOLI, SIMONE. *Dies Caniculares hoc est Colloquia Tria et Viginti Physica, nova et penitus admiranda ac summa iucunditate concinnata.*

Title printed in red & black. 4 p.l., 824, [116] pp. Small 4to, cont. blind-stamped panelled & bevelled pigskin over wooden boards (a few signatures browned), orig. catches & clasps. Oberursel: C. Sutor for J.T. Schönwetter, 1600. \$3500.00

Second edition (1st ed.: Rome, 1597) and, like the first edition, very rare. Maioli (1520-97), was an Italian canon lawyer and the bishop of Volturara. This is an encyclopedic work which covers a wide range of topics including astronomy; insects; birds; quadrupeds; fish; rivers, lakes, and seas; fountains and springs; mountains, fossils, volcanoes, and geology; metals and minerals; herbs and plants; demonology; asbestos in Cyprus; and other subjects such as werewolves. There is much on America: "Contains many interesting notices relating to the New World."—Sabin 44056—(not knowing of this edition).

Charles Lyell mentions Maioli as an early pioneer of geology as he explained that all stratified rocks which form mountains consist of materials successively erupted by volcanoes.

"Majoli suggested that fossil shells on the land had been ejected from the sea-floor by submarine volcanic explosions."—Geikie, *The Founders of Geology*, p. 53.

Fine and handsome copy with the early ownership inscription of the Zwiefalten Abbey and an armorial stamp on title. Faint dampstaining towards end.

☛ Alden 600/60a. Thorndike, VII, p. 110.

LARGE-PAPER SET

24] MALESHERBES, CHRÉTIEN GUILLAUME DE LAMOIGNON DE. *Observations . . . sur l'Histoire naturelle générale et particulière de Buffon et Daubenton.*

Engraved frontis. port. of the author in Vol. I. 2 p.l., xcii, 270 pp.; 2 p.l., 320 pp. Large 4to, cont. mottled sheep (corners a trifle worn, extremities a little rubbed), gilt fillets round sides, flat spines richly gilt, red morocco lettering pieces on spines. Paris: C. Pougens, 1798. \$2950.00

First edition, one of the few copies printed in large-paper quarto format, bound in an attractive contemporary binding. Malesherbes (1721-94), was one of the most enlightened officials of the *ancien régime*; he was an influential spokesman for freedom of the press, religious tolerance, and tax reform. He studied botany with Bernard de Jussieu and chemistry with Rouelle. He wrote little for publication and his memoirs on natural history were usually privately circulated.

This posthumously issued collection of the writings of Malesherbes is important as it publishes for the first time most of his memoirs on natural history (botany, geology, the problems of classification, tides, oceanography, volcanoes, and meteorology). "Among Malesherbes's earliest works, although published posthumously (1798), was a critique of the first volumes of Buffon's *Histoire naturelle* (1749). Here he not only disagreed with specific details but also replied effectively to Buffon's attack on naturalists who emphasized the accumulation of data and on botanists who believed it possible to discover a natural system of classification."—*D.S.B.*, IX, pp. 53-54. This edition was edited by L.P. Abeille, who has furnished a foreword and notes.

Fine and pretty set with the bookplates of the duc d'Uzès, Chateau de Bonelles and of Pierre Lambert (Lambert's books, dispersed in the late 1970s, are always so attractive). A few signatures lightly browned.

25] NEEDHAM, JOHN TURBERVILLE. *Nouvelles Observations microscopiques, avec des découvertes intéressantes sur la Composition & la Décomposition des Corps organisés.*

Eight folding engraved plates. xviii, 524, [4], 29 pp. Small 8vo, cont. polished calf, spine gilt, red morocco lettering piece on spine. Paris: L.E. Ganeau, 1750. \$2500.00

First edition, a translation by Louis Anne Lavirotte, of Needham's *Account of some New Microscopical Discoveries* (1745) and his *Observations upon the General Composition and Decomposition of Animal and Vegetable Substances* (1749). This edition contains substantial additions by Needham which appear here for the first time, including his "forward-looking theory of reproduction" — *D.S.B.*, X, p. 9.

The first English Catholic priest to be elected to the Royal Society of London, Needham (1713-81), developed a theory of generation in this work which placed him in the vitalist camp through its reliance on principles peculiar to living things and its assignment of self-patterning powers to matter. It differed from Buffon's in its denial of chance combinations of mathematically countable genetic traits.

The final 29 pages — "Description et Usage du Microscope" — discuss a Cuff-style microscope developed by Passement. Its parts are illustrated on one of the plates.

Fine copy with the bookplate of Etienne François Dutour de Salvart (1711-89), experimental physicist, geologist, and botanist from Riom. He wrote several monographs on electricity and natural history and corresponded with a wide range of scientists, including Nollet, Lavoisier, d'Alembert, and Buffon.

✂ Needham, *History of Embryology*, p. 211. ODNB.

CHARACTER REVEALED

26] PADOVANI (OR PADUANI), GIOVANNI. *De Singularum Humani Corporis Partium Significationibus ex varijs antiquorum sapientum voluminibus excerptis, atque in peculiare tabulas summatim pro qualibet parte digestis; opus ad dignoscendos hominum mores, & qualitates, valde utile & necessarium.*

Woodcut printer's device on title. 3 p.l., 58 pp. Small 4to, attractive antique calf-backed marbled boards, spine gilt, red morocco lettering piece on spine. Verona: G. Discepolo, 1589. \$1750.00

First edition of this rare and early work on physiognomy; the *Encycl. Britannica* considers it to be one of the most important 16th-century publica-

tions on the subject. Padovani (b. ca. 1512), was an Italian mathematician and astronomer who wrote a number of notable works on astronomy and sundials.

In this work, Padovani describes the significations of specific parts of the body, arranged in tabular form. Along with the usual aspects of the body (nose, face, eyes, hands, fingers, etc.), the “parts” include the voice, hair, testicles, skin color, body motion, the tongue, and teeth). For his sources, he cites Albertus Magnus, Aristotle, Hippocrates, the chief Arabic writers, etc.

Fine copy.

☞ Thorndike, VI, p. 161.

27] PARACELUSUS. *Etliche tractaten vor in Truck nie ausskommen. Vom Podagra und seinen speciebus. Vom Schlag. Von der Fallender sücht. Von der Daubsücht oder unsinnigkeit. Vom Kaltenwehe. Von der Colica. Von dem Bauchreissen. Von der Wassersücht. Vom Schwinen oder Aridura. Vom Schwinen oder Schwindsücht hectica. Von Farbsüchten. Von Würmen. Vom Stüllauff.*



Woodcut coat-of-arms of Paracelsus on verso of title. 4 p.l., 167 pp. 4to, attractive antique calf (minor browning), gilt. Cologne: Heirs of A. Birckmann, 1564.

\$7500.00

First edition of this rare collection of thirteen of the most important medical tracts by Paracelsus on various diseases and their treatments. They include one of the author's most thorough discussions of gout (Paracelsus was the first to suggest the possibility of a chemical as opposed to a humoral causation for gout), an

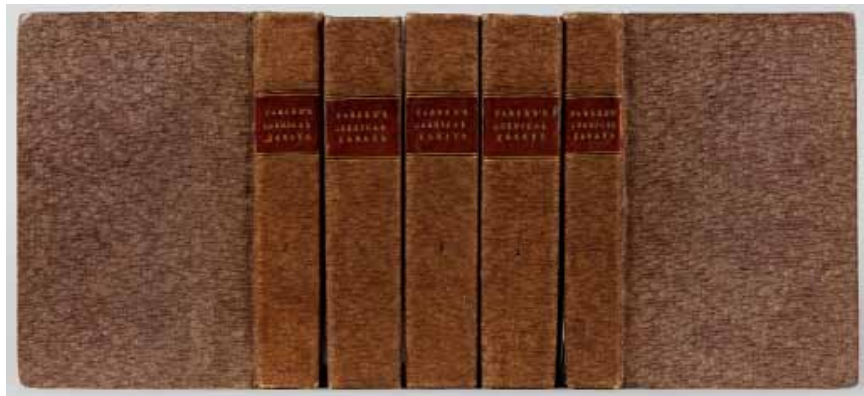
important contribution to his theories regarding the treatment of epilepsy, and descriptions of colic, rheumatism, dropsy, consumption, etc.

Fine copy. This is a rare book.

☛ Sudhoff 63. Temkin, *The Falling Sickness*, pp. 170-77.

“AN IMPORTANT WORK”

28] PARKES, SAMUEL. *Chemical Essays, principally relating to the Arts and Manufactures of the British Dominions.*



23 engraved plates (several lightly browned with faint offsetting onto opposing pages). Five vols. Small 8vo, attractive cont. patterned cloth, red leather labels on spines. London: Printed for the Author, 1815. \$1750.00

First edition, and a lovely set, of “an important work in which Parkes gives a detailed account of the chemically based industries of the early nineteenth century. Included are chapters on the manufacture of glass, dyes and pigments, bleaching, soapmaking, acids, alkalies, salts, metals, nonmetals, ceramics, pottery, glazes, mortars, cements, leather tanning, distillation, and brewing. ‘In selecting the subjects, the author has fixed upon those which seem to have been the least examined by other chemical writers’ (I, vii) . . . The plates are of fine quality, clear and precise. A detailed index to the five volumes completes the work.”—Neville, II, p. 265—(our copy’s collation identical to Neville’s).

Parkes (1761-1825), was a soapmaker and technical chemist.

Fine set of a popular work. There were later editions in English and translations into German, French, and Italian.

☛ Cole 1006—“A collection of essays on industrial processes by a practical manufacturing chemist. The essays contain much of historical interest. The plates are for the most part from the original drawings of equipment for new processes.” Partington, III, p. 706.

A SPLENDID COPY WITH A FINE HUMANIST PROVENANCE; THICK PAPER COPY
29] PLUTARCH. . . . *Opuscula. LXXXII. Index Moralium omnium,
& eorum quae in ipsis tractantur, habetur hoc quaternione. Numerus
autem Arithmeticus remittit lectorem ad semipaginam, ubi tractantur
singula.*

Edited by Demetrius Ducas, assisted by Erasmus & Girolamo Aleandro.
Large Aldine device on title. Printed in Greek throughout. 8 p.l., 1050 pp.,
one leaf with anchor device. Thick small folio (275 x 177 mm.), cont. blind-
stamped panelled pigskin over bevelled wooden boards (binding a little
stained & marked), three (of four) catches, one (of two) clasps. Venice: [Al-
dine Press, 1509]. \$100,000.00

Editio princeps, a remarkably fine and fresh copy printed on heavy or
thick paper. This is the only copy we know of with an important humanis-
tic provenance to appear on the market for many, many years.

This splendid volume belonged to Lodovicus Carinus (ca. 1596-d. 1569),
humanist, medical doctor, educator, and friend of Erasmus at Basel. Carin-
us, who has written on the title-page "Sum Carini," was very much part of
the circle of Erasmus and the Froben press for many years. Erasmus com-
mended him as an exemplary young scholar and put him as an actor in
the *Colloquia*, where he appears under his real name. A rupture occurred
between the two in 1528 and Erasmus later referred to Carinus as the
young viper he had carried in his bosom. By 1539, Carinus became close to
the Fugger family, tutoring, studying medicine, and travelling with Ulrich
and Hans Fugger to Paris, Padua, and Bologna. Treated generously by the
Fugger family, Carinus became wealthy. He gave a great deal of support to
scholarly projects, securing manuscripts in the possession of the Fugger
family and subsidizing the printing of costly books. When he died at Basel,
Carinus "left a library which was purchased by a member of the Fugger
family for six hundred florins."-Bietenholz, ed., *Contemporaries of Erasmus. A
Biographical Register of the Renaissance and Reformation*, Vol. I, p. 268.

The *Moralia* contains much on medicine, health, science, and physics
and it is clear why this text would have appealed to Carinus who practiced
medicine in his later years in Basel.

This copy, having been acquired by the Fuggers in 1569 upon the death
of Carinus, was presented by Count Fugger of Mickhausen to St. Salvator,
the Jesuit college at Augsburg, probably at the time of the college's founda-
tion in 1582. This college was founded and supported by the Fugger family.

"The 1509 edition of Plutarch was the product of many years' work
(Aldus complains in the preface that the work on the *Moralia* was very
difficult and comments that he had been nearly forced to abandon the

Collatione die 10^{to} Augusti 1777

Ex dono Ill^{mo}: G. Augusti Fröger, de Middelburg

PLUTARCHI ΟΡΘΙΚΥΛΑ. LXXXII.

Index Moralium omnium, & eorum que in
ipſis tractantur habetur hoc quatenus
ne. Numemus autem Archimeti
cus remiſſe lectorem ad
ſemipaginā, ubi tra-
ctantur ſingula.



project many times). The work was edited by Demetrius Ducas, a Cretan scholar who was a participant in Aldus's academy. Ducas was assisted by Erasmus as well as Girolamo Aleandro . . . the press copy of much of the Aldine edition of Plutarch has been discovered at the Ambrosian Library in Milan; its state is a case study in how early printers treated these manuscripts. Rather than make a new, corrected, and edited copy of the text for the typesetters, Ducas and others simply wrote changes onto the original thirteenth-century manuscript itself. Parts of the manuscript contain the page markings of the Aldine text, ensuring that the type for a given page ended and started at the correct point. Some of the pages are marked *stampato* ('printed'), indicating that those sections had already been printed from another source and there was no need to go over them again. There is evidence from this manuscript that even as manuscript pages were being handed to the typesetters the editing of the work was still in process. Although the direction of the chain lines in the paper implies that this is a quarto book, that is, each piece of paper was printed in four sections and then folded to form four leaves, Renouard notes that the size of the final leaves is so large that if this had been the procedure, Aldus would have needed a much larger press than he is known to have had. Therefore, Renouard posits that he cut the sheets in two and printed them as folios, each piece being printed in two sections and then folded into two leaves and sewn together to form the book."—*In Aedibus Aldi. The Legacy of Aldus Manutius and his Press* (Brigham Young University, Provo, 1995), 18. Renouard, 55, no. 1.

A very fine and fresh copy. Early signature "Sum Carini" on title and ownership inscription of the Jesuit College at Augsburg at head of title "Collegii Soc. Jesu Augusb. 1719. Ex dono Illmi: h. Comitis Fuggeri de Mickhausen." Light dampstaining to first 12 leaves in upper margin and final 12 leaves in outer margin. *See frontispiece.*

THE CABBALA

30] REUCHLIN, JOHANN. *Liber De Verbo Mirifico.*

62 unnumbered leaves (the final leaf, a blank, is present). Small folio, cont. blind-stamped pigskin-backed wooden boards, orig. clasps & catches. Tübingen: T. Anshelm, 1514.

[BOUND WITH]:

— . *De Arte Cabalistica Libri Tres Leoni X. dicati.*

Large woodcut coat-of-arms of Reuchlin on title. Much printing in Hebrew. 4 p.l., LXXIX leaves, one leaf. Small folio. Hagenau: T. Anshelm, 1517.

\$45,000.00



Complete
Liber Ioannis Schubert plebani in postendorf.

Fine and fresh copies of the second and first editions respectively of the Christian humanist Reuchlin's great expositions of the Cabbalistic art, present here together in a handsome binding of contemporary blind-stamped pigskin-backed wooden boards with the original catches and clasps.

Reuchlin (1455-1522), was the first German humanist to rank as a great Hebrew scholar. His studies of the Hebrew language and of the Cabbala have earned him considerable historical significance. Reuchlin used his extensive travels to establish contact with Jewish scholars and humanists, and to acquire manuscripts and printed works for his library, which was one of the largest private book collections of his time.

In 1494, Reuchlin published his first cabbalistic text, the *De Verbo Mirifico* which greatly enhanced his scholarly reputation. Written in the form of a dialogue, there are three participants, the Greek philosopher Sidonius, the Jew Baruchias, and Reuchlin himself, appearing under the pseudonym Capnio. These three meet accidentally at Pforzheim where they discuss the occult meaning of the Hebrew pentagrammaton "YHSVH," the letters of the Hebrew form of the name Jesus.

The *De Arte Cabalistica* is Reuchlin's magisterial summation of his cabbalistic studies. Like the *De Verbo Mirifico*, the *De Arte Cabalistica* is a three-way dialogue, in this case between a Pythagorean called Philolaus, a Jew called Simon, and Mauranus, a Moslem. Gathered together at Simon's Frankfurt house, they come to the realization that by means of the Cabbalah and the mystical power invested in Hebrew letters, the help of angelic beings can be obtained, and a way opened to God. At the moment of revelation the mind of the Cabbalist, "in a state of unutterable delight, rejoicing in the spirit, in the depths of inner silence, driving away from itself humdrum earthly matters, is carried to the heavenly and the invisible that lies beyond all human sense."

These two works made Reuchlin the best-known Christian exponent of the Cabbala, and they were hugely influential, among others upon Agrippa of Nettesheim, Paracelsus, and, later, the Englishman, Robert Fludd. Reuchlin exercised an almost magical influence upon the greatest thinkers of his time. Pope Leo X and the Reformers were alike captivated by the charms of the Cabbala as propounded by Reuchlin and not only divines, but statesmen and warriors began to study the oriental languages in order to fathom the mysteries of Jewish Theosophy.

Fine copies in very fresh condition. Contemporary signature on front paste-down of Joannis Schubert (or Schuboret) of Possendorf (or Poppendorf). He has made a series of marginal annotations and neat underlinings throughout each work and on the rear endleaves. While these annotations have remained unstudied, they reveal a close and knowledgeable reading of the texts.

✠ Caillet 9333.

31] RUMFORD, BENJAMIN THOMPSON, COUNT. *Mémoires sur la Chaleur.*

Several woodcuts in the text. lxxviii, 166 pp. 8vo, cont. sheep-backed paste-paper boards (upper joint slightly cracked, foot of lower joint a little worn), flat spine gilt. Paris: Firmin-Didot, 1804. \$1350.00

First edition. "A series of four essays, the first being a historical notice of various experiments on heat, and a sort of scientific autobiography describing his own experiments. The paper is remarkable for its lively description of Rumford's relationships with such contemporaries as Davy, Leslie, Biot, Bertholet, Laplace, Playfair, and De Saussure . . .

"The second essay is the translation of his *Enquiry Concerning the Nature of Heat*; while the third, 'Mémoire sur la Chaleur,' is a summary of his research on heat read before the Institut National 25 June 1804. The last, 'Observations sur les Puits' is a translation of a paper presented to the Royal Society in November of 1803, and describes the holes which form in the glaciers at Chamonix during the summer. It is related to his studies on the propagation of heat in fluids from which he concluded that water is not a conductor of heat."—Roberts & Trent, *Bibliotheca Mechanica*, p. 286.

Very good copy. Ex Bibliotheca Mechanica.

✎ Neville, II, p. 546—"uncommon."

32] SPALLANZANI, LAZZARO. *Opuscules de Physique, Animale et Végétale . . .*

traduits de l'Italien, et augmenté d'une Introduction dans laquelle on fait connoître les decouvertes microscopiques dans les trois Règnes de la Nature . . . par Jean Senebier . . . On y a joint plusieurs Lettres relatives à ces Opuscules écrites . . . par Mr. Charles Bonnet & par d'autres Naturalistes célèbres. Six folding engraved plates. 4 p.l., cxxiv, 255, [1] pp.; 1 p.l., [2], 405, [3] pp. Two vols. 8vo, cont. mottled calf, flat spines gilt, red morocco lettering pieces on spines. Geneva: B. Chirol, 1777.

[WITH]:

— . *Expériences sur la Digestion de l'Homme et de différentes Espèces d'Animaux . . . Avec des Considérations sur sa Méthode de faire des Expériences, & les Conséquences pratiques qu'on peut tirer en Médecine de ses découvertes;*

par Jean Senebier. 1 p.l., cxlix, [1], 320 pp. 8vo, binding as above. Geneva: B. Chirol, 1783. \$1750.00

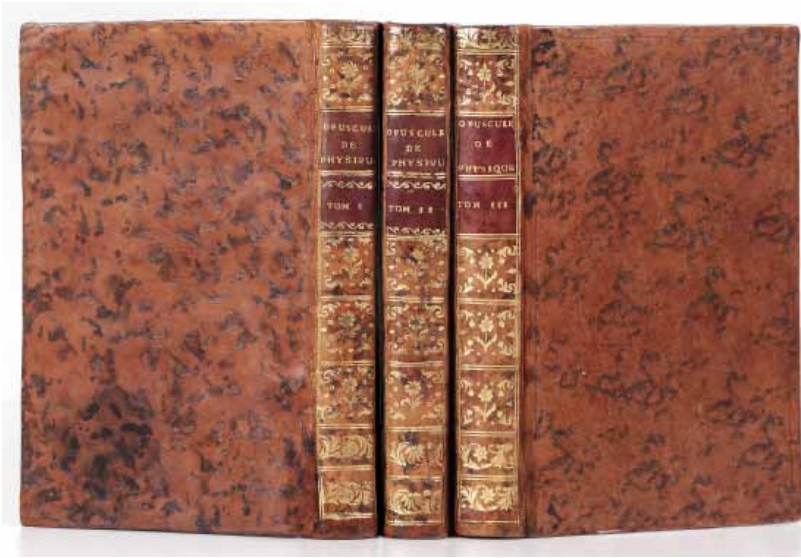
A most attractive set, bound uniformly with the spines numbered "Tom I, II, III."

I. First edition in French (1st ed., in Italian: 1776) of one of Spallanzani's most important works, containing "five reports that displayed unexcelled experimental skill, remarkable powers of observation and lucid literary talent."—*D.S.B.*, XII, p. 557—(see pp. 557-58 for a full discussion of this book's contents).

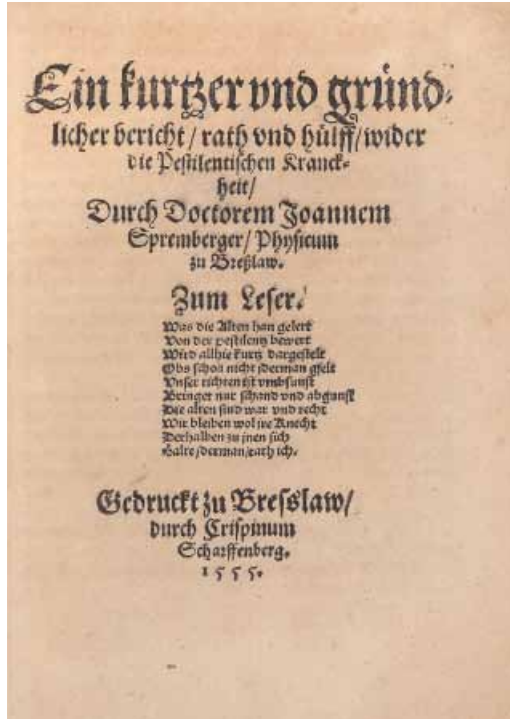
The first volume contains Spallanzani's refutation of Needham's theories on spontaneous generation. The main treatise in the second volume confirmed and extended Leeuwenhoek's observations on spermatozoa and refuted Buffon's concepts of their nature and origin.

II. First edition in French of Senebier's translation of Spallanzani's important study on digestion (1st ed, in Italian: 1780). "Spallanzani confirmed earlier doctrines of the solvent property of the gastric juice and discovered the action of saliva in digestion."—Garrison-Morton 981 for the Italian edition.

Fine copies with the contemporary armorial bookplate of "Mr. Chrétien de Treveneuc" in each volume.



✠ I. Garrison-Morton 102—(1st ed.)—"Later confutation of the theory of spontaneous generation. Spallanzani's conclusions were similar to those expressed by Pasteur nearly a century later." Neville, II, p. 499—"In the present treatise of chemical interest he demonstrated that the duration of heat necessary to render an organic infusion sterile varied with the type of microorganism. He hermetically seals his flasks and proved that if both the infusion and contained air had been sterilized, no living cells developed. The views of Buffon and J.T. Needham on spontaneous generation were thus overturned, paving the way for the research of Pasteur almost a century later."



33] SPREMBERGER, JOHANN [AGRICOLA DER]. *Ein kurtzer und gründlicher Bericht, Rath und Hülff, wider die pestilentischen Kranckheit . . .*

20 unnumbered leaves. Small 4to, attractive antique calf-backed marbled boards, spine gilt, red morocco lettering piece on spine, many lower edges uncut. Breslau: C. Scharffenberg, 1555. \$2500.00

First edition and very rare; WorldCat lists only the NLM copy outside of Germany (and it is rare inside Germany). Spremberger (1511-77), took his degree at Wittenberg and served as personal physician to the provincial governor in Spremberg.

Breslau suffered frequently from plagues in the 16th century. Spremberger provides a history of the various plagues and describes the most recent plague of 1553 in great detail. He makes a number of recommendations on how to isolate and suppress the disease. He describes a preventative diet, and provides a number of pharmaceutical recipes.

Lightly browned but a fine copy with many lower edges uncut.

☛ Durling 4252.

34] (TARTARO RIVER). *Trattato fra Sua Maestà l'Imperatrice Regina Apostolica e la serenissima Repubblica di Venezia sopra l'Uso delle Acque del Tartaro per li possessori Mantovani e Veronesi.*

Finely engraved allegorical title-page, four folding printed tables (one with an 8-inch tear due to a careless opening, but with no loss of text), & 8 large folding engraved maps. 1 p.l., CXLVI, [19], CXLVII-CLVI, one leaf. Folio, cont. sheep-backed marbled boards (a little worn with a small defect at head), flat spine gilt, contrasting leather lettering piece on spine. [Verona: D. Ramanzini, 1768]. \$2750.00



First edition of this rare work memorializing and detailing the treaty between Austria and the Venetian government regarding the access to and use of the Tartaro River, which flows through the provinces of Verona and Mantua into the Adriatic Sea between the Po and Adige rivers. There are many passages concerned with hydraulic projects along the river. Due to a number of breaches over the centuries (the earliest recorded is in the 10th century), the river had been canalized; it communicates by canals with the Po and Adige.

The attractive engraved title depicts the Tartaro, Mincio, and

Tioni rivers (the latter are tributaries to the Tartaro) flowing under a common bridge with two *putti* acting as hydraulic engineers, holding measuring instruments. The Greek mythological god Tartarus is depicted as well.

The fine and large maps depict the courses of the Tartaro, Mincio, and Tioni rivers, hydraulics and irrigation works, the connecting canals, elevations, etc.

Nice copy printed on thick paper.

TAXIDERMY

35] [TURGOT, ÉTIENNE FRANÇOIS]. *Memoire Instructif sur la Maniere de rassembler, de preparer, de conserver, et d'envoyer les diverses Curiosités d'Histoire naturelle; auquel on a joint un Mémoire*

intitulé: Avis pour le Transport par mer, des Arbres, des Plantes vivaces, des Semences, & de diverses autres Curiosités d'Histoire Naturelle.

25 folding engraved plates. xvi, 144, 141-235, [1] pp. 8vo, cont. mottled calf (ends of spines very carefully renewed, one corner a little rounded), spine gilt, contrasting leather lettering piece on spine. Lyon: J.M. Bruyset, 1758.

\$1500.00

First edition. Turgot (1721-88), older brother of the famous reformer, "served briefly as the governor of Guiana (1764-65). After his retirement from public life in 1765, he devoted himself to agricultural experiments and study, interests which had already led him to introduce the cultivation of exotic crops in Malta and Guiana. Like his friends Malesherbes and Duhamel du Monceau, with whom he corresponded on agricultural subjects, Turgot used a large part of his land in Normandy for the naturalization of foreign trees and the cultivation of botanical rarities."—*D.S.B.*, XIII, p. 497.

One can easily imagine La Pérouse and the other great French explorers packing a copy of this book before their departures.

Very good copy.



36] WARREN, JOHN COLLINS, M.D. *Address to the Boston Society of Natural History.*

48 pp. 8vo, orig. blind-stamped red cloth (tail of spine a little chipped), upper cover stamped in gilt. Boston: J. Wilson, 1853. \$500.00

First edition, inscribed to Dr. Franklin Bache by the author. Bache (1792-1864), the great-grandson of Benjamin Franklin, was professor of chemistry at the Jefferson Medical College and president of the American Philosophical Society.

The text contains a speech that was never delivered due to the "indisposition of the author." Warren (1778-1856), then the president of the Society,

traces the study of natural history in Boston, focusing on the origins of the Society and advises possible improvements. It also includes a full list of officers and administrators for the society.

Warren (1778-1856), "is remembered especially for his connection with the first public demonstration of ether anesthesia. On Oct. 16, 1846, Warren operated on a patient under ether anesthesia given by W.T. G. Morton. To Warren, the outstanding surgeon of his day, belongs the credit for allowing his name and position to be used as a sponsor for this courageous and revolutionary experiment."—*D.A.B.*, X, pp. 481-82.

Fine copy.

THE FIRST AMERICAN SCIENTIFIC BOOK PUBLISHED WITH A PHOTOGRAPH

37] WARREN, JOHN COLLINS, M.D. *Remarks on some Fossil Impressions in the Sandstone Rocks of Connecticut River.*

Folding frontis. (a folding salt print) & several text illus. 54 pp. 8vo, orig. patterned blue cloth, upper cover stamped in gilt. Boston: Ticknor & Fields, 1854. \$1000.00

First edition and a very bright presentation copy, of an important work in the history of American photography. In his later years, Warren became interested in geology and paleontology. He formed a large collection of fossils from the Jurassic rocks of the Connecticut Valley. This classic work describes the so-called "bird-tracks," which were later recognized as having been produced by dinosaurs and other reptiles. It is illustrated with a folding salt print photograph of a slab of rock from Greenfield, Massachusetts, with fossilized animal tracks. This is the first American scientific book published illustrated by a photograph. Warren writes on page 49: "We are indebted to Photography for enabling us to represent the remarkable slab from Greenfield, and its numerous objects, in a small space, yet with perfect accuracy." The photograph was made by a Mr. Silsbee (so stated on p. 52); this is certainly George M. Silsbee, active as a photographer in Boston, 1852-57.

Fine copy. Inscribed by Warren on the free front endpaper: "Franklin Bache, M.D. with the regards of his friend The Author." Bache (1792-1864), the great-grandson of Benjamin Franklin, was professor of chemistry at the Jefferson Medical College and president of the American Philosophical Society.

✎ Truthful Lens, 181—"the image, generally faint, depicts a rock displaying fossil remains. Appearing shortly after the *Homes of American Statesmen*, this volume is the second American publication illustrated with a photograph."

THE "BLOODY FLUX"

38] WITTICH, JOHANN. *Ein einfeltiger und gantz kurtzer Bericht, von der jetzigen giftigen einfallenden ansteckenden Röthen Ruhr . . .*

16 unnumbered leaves. Small 4to, attractive antique calf-backed marbled boards (lightly browned), spine gilt, red morocco lettering piece on spine. Mulhouse: A. Hantzsch for O. von Riswick, 1596. \$2500.00

First edition of this rare work on dysentery; WorldCat locates only the NLM copy in North America. Wittich (1537-96), was court and city physician to the counts of Schwarzburg in Arnstadt. He wrote many other medical books.

In this work, Wittich provides a careful description of the syndrome. He makes numerous recommendations regarding diet and drink. There are several chapters regarding the treatment of children who have dysentery. The final 12 pages contain pharmaceutical recipes.

Fine copy.

✦ Durling 4762. Hirsch, V, p. 974.II. Japanese & Chinese Books, Manuscripts, & Scrolls

朝日色白
而青白

宋文公曰

君天下當則

日色白而青

宋志曰

日之色青白

則君弱

京房曰

人君欲將海

內皆食則日

色青而白

日之色黑白

宋文公曰

皇則君惡

於民

宋志曰

日之色黑則

君惡於民

京房曰

臣不進諫

於君怒

百姓則日

色黑也



日之色黃白

宋文公曰

黃則君闇

不與

宋志曰

日之色黃白

則君不與

京房曰

賢者之言行

之而蔽其人

有美莫以日

有揚厥功日

色必黃也

吳星如火白

梁書曰

吳星如火

國有火災



II · Japanese & Chinese Books, Manuscripts, & Scrolls

“PROBABLY THE FIRST JAPANESE BOOK ON MODERN METALLURGY”

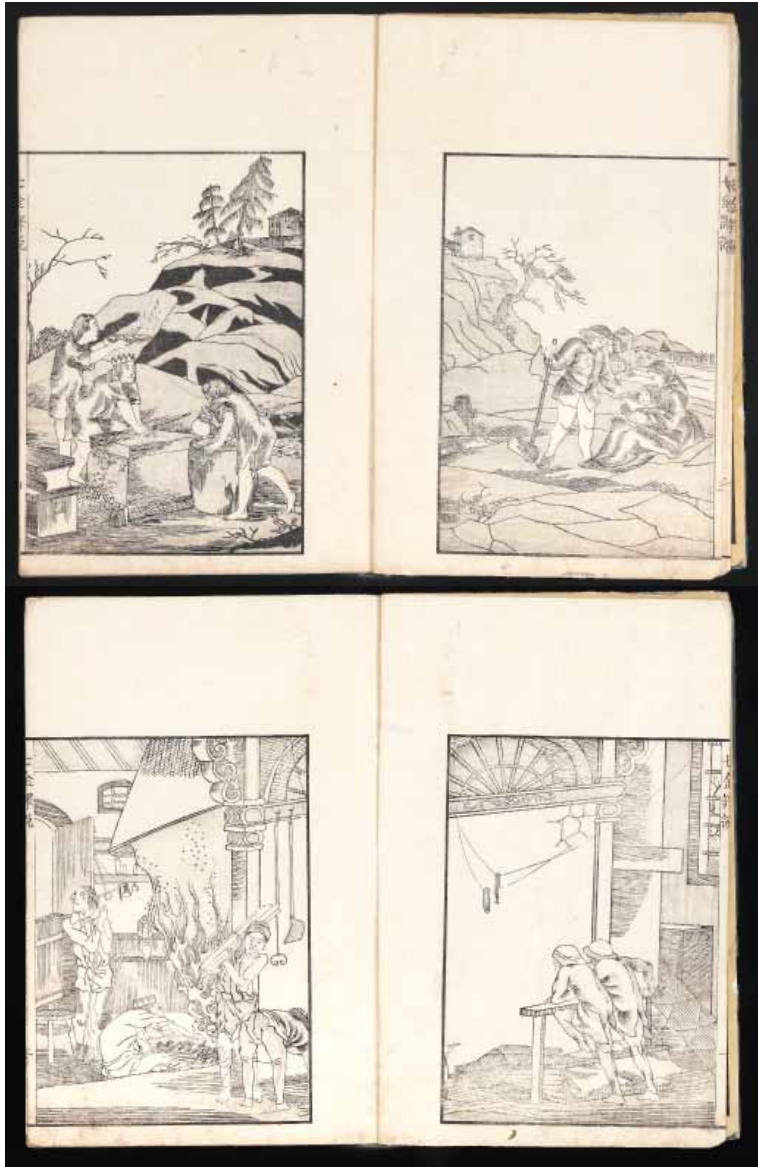
39] BABA, SAJURO (OR SADAYOSHI). *Taisei shichikin yakusetsu*
[trans.: *A Study of the Seven Metals of the West*].

Three double-page & one full-page illus. 37; 17; 25; 30; 26 folding leaves.
Five vols. 8vo, orig. blue wrappers (a little rubbed), orig. block-printed title
labels on upper covers, new stitching. [Japan]: 1854. \$7500.00

First edition of this very rare work; it is “probably the first Japanese book on modern metallurgy” (Iida, see below); WorldCat describes only the 1977 reprint and a manuscript of the text at Harvard. “*Taisei Shichikin Yakusetsu*, the first Japanese literature representing the local understanding of modern European metallurgy, was written by Baba Sadayoshi (1787-1822), a scholar of western learning in the late Edo period, who first served as a Dutch interpreter in Nagasaki and later made important contributions to translation (from Dutch, Russian, English and so on) at the Temmon-kata [astronomy office] of the Bakufu [Shogunate] as bansho wage goyogakari [translator of western literature into Japanese]. The book was published in a limited issue of 200 copies in 1854, 33 years after Sadayoshi’s death. Printed with wooden type, it is also regarded as an important landmark in the history of modern printing in Japan . . .

“As its title indicates, the book consists of translated accounts of ‘seven metals,’ supplemented at the beginning with seven drawings illustrating western processes of smelting them. The whole work consists of five volumes, the first on gold, second on silver, copper and iron, third on tin and lead, and fourth and fifth on mercury, and states where, how and in what varieties each metal is yielded, how it is smelted, what properties it has and what purposes it is used for . . .

“Perhaps because of Sadayoshi’s own knowledge of and interest in medicine or because its compilation was supervised by Shibue Chohaku, a well-known herbalist of the day and Bakufu-retained physician, the book dwells in particular detail on the pharmaceutical effects and uses of the metals. Thus it is less a book on metallurgy than one on chemistry and pharmacy. I would like to note the fact that, in this first comprehensive book in Japan to introduce western knowledge on metals, the significance of the seven metals was primarily grasped as they related to the basis of people’s everyday life, and above all the role of iron was given a due posi-



tion." -Ken'ichi Iida, "Origin and Development of Iron and Steel Technology in Japan," on-line resource under the auspices of the Institute of Developing Economies, Japan External Trade Organization.

Fine set. Occasional minor worming in margins, neatly mended.

WITH 878 PAINTINGS

40] CHINESE ASTROLOGY & PROGNOSTICATIONS.

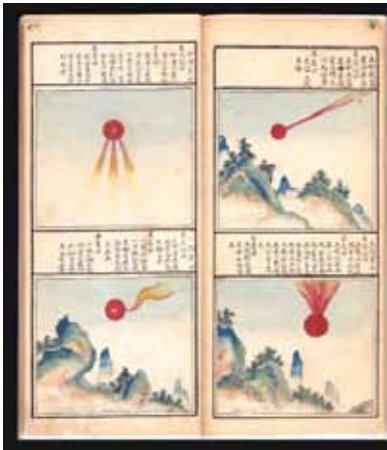
A rich and finely illustrated manuscript entitled "Yu zhi tian yuan yu li xiang yi fu" [trans.: "Essay on the Astronomical & Meteorological Presages by Emperor Renzong of Ming Dynasty"] on paper with 878 vividly colored illus. Ten vols. Tall agenda format (360 x 190 mm.), orig. wrappers preserved in modern wrappers, modern stitching. [China: 16th to 17th century].

\$75,000.00



This splendidly illustrated manuscript depicts 878 astronomical and meteorological observations, each with astrological prognostications. It was prepared for the Emperor Ming Renzong (or Chu Kao Chih or Zhu Gaochi) (1378-1425), for circulation amongst high officials. In spite of his short reign of only nine months, Ming Renzong was known as an innovator whose enlightened reforms and generosity to the poor made lasting improvements.

The preface and index for all the volumes is found at the beginning of Vol. I and is dated 1425. It is followed in the ten volumes by 878 finely painted images of landscapes; shapes of clouds; turbulent oceans; thunder storms; hail; earthquakes; symbols mysteriously appearing in the sky; flames coming out of the earth; rains of various intensities and qualities; moving mountains; mud slides; blood rain; pieces of meat falling from the sky; characters appearing in the sun; dragons in the sky; many comets and extraordinary astronomical events; coins raining down; prolonged extreme weather (cold, hot, or rain); skies portending good fortune; fish rain; extreme wind; the sun and moon having different appearances; eclipses;





concentric haloes (“mock suns” or parhelia); the planets including Mercury, Venus, Mars, Jupiter, and Saturn; the movements of the planets and their appearances in different seasons; red sky; the appearance of insects; the Big Dipper; the North star; constellations of stars; rainbows; battle scenes; soldiers marching and fighting; etc., etc. At the end, there is a discussion of the art of prognostication with examples.

Each painting is accompanied by a manuscript prediction made by Zhu Xi (Zhu Wengong) (1130-1200) and other Confucian scholars. Zhu Xi’s synthesis of all fundamental Confucian concepts formed the basis of Chinese bureaucracy and government for over 700 years. He has been called the second most influential thinker in Chinese history, after Confucius himself.

This work was never printed. We have located other copies of the manuscript at UCLA, Yale (complete?; in six volumes only), and Cambridge University Library.



Due to some minor marginal damage and fraying, very occasionally touching an image, this manuscript has been expertly mounted on new paper. One prognostication has been damaged in Vol. I on the final leaf. Nevertheless, the manuscript is in excellent and fresh condition and very beautiful. *See illustration p. 40.*

☞ Needham & Ling, *Science and Civilisation in China . . . Mathematics and the Sciences of the Heavens and the Earth*, Vol. 3, p. 475 (with two illus. from the CUL manuscript).



41 | (COSTUMES OF COURT LADIES).

Manuscript on paper, entitled "Collection of Court Ladies' Formal Attire," 22 painted swatches of fabric designs & eight full-page drawings of formal women's attire. 16 folding leaves. 8vo (268 x 193 mm.), orig. wrappers, orig. manuscript titling label on upper cover, new stitching. [Japan]: last page dated "1812."

\$3500.00

A beautiful manuscript depicting aristocratic women's formal attire, prepared in 1812. The first 11 leaves contain 22 finely painted pasted-on swatches (each measuring 125 x144 mm.) of the compiler's favorite designs. The swatches, of widely different colors, complexity, and patterns, show the different layers of formal kimonos to be worn by court ladies.

Following the swatches are a series of eight finely detailed pen-and-ink drawings, several of which have been heightened in various colors. Three of the drawings depict extremely elaborate belts and trains (*kake obi*) with highly detailed embroidery. Another drawing contains a magnified depiction of another element of these highly complex garments, the *ookoshi*. Another illustration depicts the elaborate hairstyles, hair ornaments, and makeup of these court ladies. The remaining three drawings show the front and back views of the five layers of a kimono and the skirt section (*hakama*).

On the final page, we find the compiler's last name, "Kono," and a date of 1812.

A fine copy. Minor worming repaired.

FACE READING

42] (FACE READING & PHYSIOGNOMY).

Manuscript on paper regarding physiognomy, finely illustrated with 36 large pen & ink and color portraits of faces. 26 leaves (of which 4 are blank). Folio (385 x 241 mm.), orig. black wrappers (lower wrapper rather worn), stitched as issued. [Japan: 19th century]. \$6500.00

This finely illustrated manuscript is concerned with the ancient Chinese practice of face reading. There are 36 fine colored drawings of the faces of men and women, each depicting a variety of characteristics which reveal underlying moral and psychological qualities. Based on the five elements of Chinese philosophy — earth, metal, water, wood, and fire — each portrait is accompanied by an analysis of a personality archetype. According to this theory, knowledge of which element or elements dominate can help provide further insight into a person's life and relationships. By looking at someone's face, we can determine his or her character, personality, health, wealth potential, social standing, and longevity.

The manuscript begins with five portraits, each one having the quality of earth, metal, water, wood, or fire. These are followed by eight more portraits, each with a more detailed analysis of the faces' characteristics. The text discusses the five elements of compatibility and the five elements of wealth.

The remaining portraits of men and women are more highly annotated, with comments of particular features of each face: wrinkles under the



eyes means the man has problems with women, bushy eyebrows brings wealth, hairy ears means longevity, big ear lobes commands respect from others, circles under the eyes denotes health problems, a certain shape of eyebrow means a lonely life, certain kinds of wrinkles means a long life or problems with the relatives or wife, "strong" eyes on a woman means she will be successful, big ear lobes on a woman means she will dominate her husband, a woman's red nose means she has many illnesses, blueish ears on a woman means she will have three husbands, facial discoloration means the woman will lose everything in a fire, blackened lips suggests the woman is sinful, etc., etc.

In fine condition. Contemporary ownership inscription of "Kiuchi."

43] (SKETCHBOOK OF FISH & CRUSTACEANS).

A beautiful album of 19 double-page & 11 single-page pen, ink, & water-color illus. of various fish & crustaceans on paper impregnated with mica. 27 folding leaves. 8vo (272 x 192 mm.), modern wrappers. [Japan]: ca. 1880-91.

\$3500.00



A very beautiful album of finely illustrated fish and crustaceans, depicted in brilliant water-colors. A later label on the free front-endpaper



states (rather loosely translated): "Ogata [a name]. Copied after my teacher Gekko Mizoguchi. Started on Meiji 16 to Meiji 24. The title of this album is sea creatures."

In fine condition.

AN IMPORTANT CHINESE OPHTHALMOLOGICAL WORK

44] FU, RENYU. *Fu shi yan ke shen shi yao han* (alternative title: *Yan ke da quan*) [trans.: *Dr. Fu's Study and Treatment of Eye Diseases* (alternative title: *Precious Book of Ophthalmology*)].

Illus. in the text (Vol. 6 has 13 full-page illus.). Six vols. 8vo, later wrappers, new stitching. [China]: first two Prefaces dated 1644 (the third, by the editor Fu Guodong Weifan, undated). \$7500.00

First edition of this influential Chinese ophthalmological work, which records 108 types of eye diseases and has more than 300 prescriptions as well as illustrations and plentiful data. The book discusses medical records of ophthalmology and the theory of five orbiculi (illustrated in the first volume), the eight regions of the whites of the eyes, and the relationship between the eyes and Zangfu channels and collaterals. The book introduces

acupuncture in ophthalmology and cataractopiesis with a golden needle in detail. There are sections on acupuncture and moxibustion for treatment of headaches. Many pharmaceutical recipes are also provided.

Vol. 4 contains an illustration of five kinds of golden needles. The full-page illustrations in the sixth volume depict various patients, their case histories, relevant pressure points (with details of how often to insert the needles), infected eyes filled with pus, wounds to the eye, etc.

The later wrappers state this is a revised edition although the text is a first printing.

Nice set. As usual, the paper is lightly browned.



✦ Paul U. Unschuld, *Medicine in China: a History of Ideas* (University of California Press, 1985), p. 147.

45] FUKUI, CHITOKUSAI. *Hiji hyakusen* [trans.: *Selected One Hundred Secret Magic, Medical, & Spiritual Tricks*].

Numerous woodcut illus. in the text (two are double-page). 46 folding leaves. Small 8vo, orig. wrappers (wrappers somewhat worn & wormed),



orig. block-printed title label on upper cover, modern stitching. Osaka: 1827 (?). \$1250.00

First edition of this influential magic book. The illustrations depict many tricks, including a kettle with the ability to pour water forever, a nail through the tongue, juggling, dyeing techniques, making eggs stand upright, imaginary waves on a wooden floor, swallowing a dagger, concealing things in one's sleeve, card tricks, floating candles, snake charming, spot removal, medical remedies, how to cure hiccups, treatments for burns, etc. One of the double-page illustrations in Vol. I depicts magicians in front of an audience.

A sequel was published in 1848.

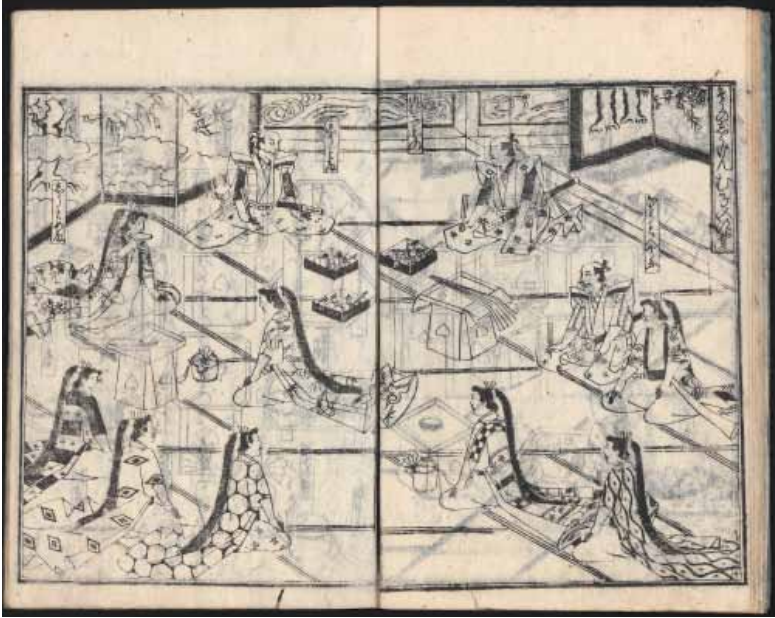
Internally a very good copy.

THE RESPONSIBILITIES OF A FEMALE SERVANT IN JAPAN

46] (JAPANESE WOMEN). *Onna shoreishu* [trans.: *Collection of Rules of Etiquette for Women*].

Numerous full-page woodcuts. Seven parts in six vols. Large 8vo, orig. blue wrappers (rubbed & a little worn), orig. title slips on upper covers, modern stitching. N.p.: 1688. \$5500.00

Fourth edition (1st ed.: 1660); all early editions are very rare. Copies which appear on the market are usually incomplete and in bad condi-



tion; our set is in fine condition.

This was the standard book of the 17th century on the role and responsibilities of female servants in upper-class society and in the household. The anonymous author wrote this work to instruct these women servants in matters of highly refined etiquette required in royal, aristocratic, and wealthy households. Topics include proper attire, how to assist at festivals and weddings, how to treat the belongings of the servants' mistresses, how to care for and teach etiquette to children, travel customs, etc. This work offers an intimate and rather unique view of customs and conduct within upper-class households.

There are instructions on correct eating decorum; suggestions for seasonal attire, courtship and wedding rituals, wedding receptions, menus for weddings and other celebrations, transporting the dowery, how to prepare the room for delivering a baby, celebrations relating to the milestones in a child's life, etc.

The fine illustrations have sometimes been attributed to Hishikawa Moronobu but there is no convincing proof, save the style, which is reminiscent of his work.

A fine set, with some mostly marginal and unimportant worming. WorldCat locates no copy of this edition.

✦ See the Nara Women's University on-line site for an account of the contents of this book.

RICE CAKES

47] JIPPENSHA IKKU. *Mochigashi sokuseki teseishu* [trans.: *Collection of Quick Recipes for Rice Cakes and Sweets*].

Two double-page & six full-page illus. in the text. 32 folding leaves. 8vo, orig. wrappers (worming throughout, carefully repaired), new stitching. Tokyo: 1805. \$2500.00



First edition and very rare; WorldCat locates only the 1970 and 2003 reprints. This work gives 75 recipes for sweets made from rice, beans, wheat, and other ingredients.

Jippensha Ikku (1765-1831), is most famous for his humorous travel novel *Shank's Mare* (*Hizakurige*). In the present work, he applies his wit to confectionaries. "The gap between ingredients and cooking techniques on the one hand and nomenclature on the other is even wider in the 1805 confectionery text assembled by the comic novelist Jippensha Ikku . . . He includes two recipes

for *nanban* sweets. The first is Southern Barbarian Candy (*nanban ame*); the modern editors note it is similar to a recipe in an earlier confectionery text, but that it is not an easily identifiable sweet due to the idiosyncratic way the author miswrote the Chinese character for sugar in the recipe. The recipe that follows for a sweet called Southern Barbarian *Kiosen* is even more problematic, since there is nothing called *kiosen*, which literally means 'tree yellow decoction.' The modern editors of the text identify it as a pun on a sweet popular in Kyoto called *jiosen*. While the editors fault Jippensha Ikku for his sloppiness, he is clearly having fun with words, which are occupational tools for this comic novelist, rather than terms used in the confectionery trade. His southern barbarian sweets, like the recipes in other mid-eighteenth- and early-nineteenth-century culinary books, indicate that the term *southern barbarian sweet* had become a free-floating referent that could be used to lend any dish an exotic or comedic air."—Rath, *Food and Fantasy in Early Modern Japan*, p. 110.

The playful illustrations depict steaming and pounding the rice into mo-

chi, boiling rice to make dumplings, toasting the rice cakes, and a scene of a merchant preparing the rice cakes "Kyoto style."

In spite of the repaired worming, a very good copy of an extremely rare book.

48] JIPPOSHA, ICHIMARU. *Shuseki ikkyo tezuma hayadenju* [trans.: *Magical Entertainments provided by a Master*].

Fine woodcut port. of a magician & many illus. of tricks in the text. 29 (of 33, lacking the four leaves of index at the beginning); 7 folding leaves. Two parts in one vol. 8vo, orig. patterned wrappers, modern stitching. [Osaka: 1849]. \$1500.00

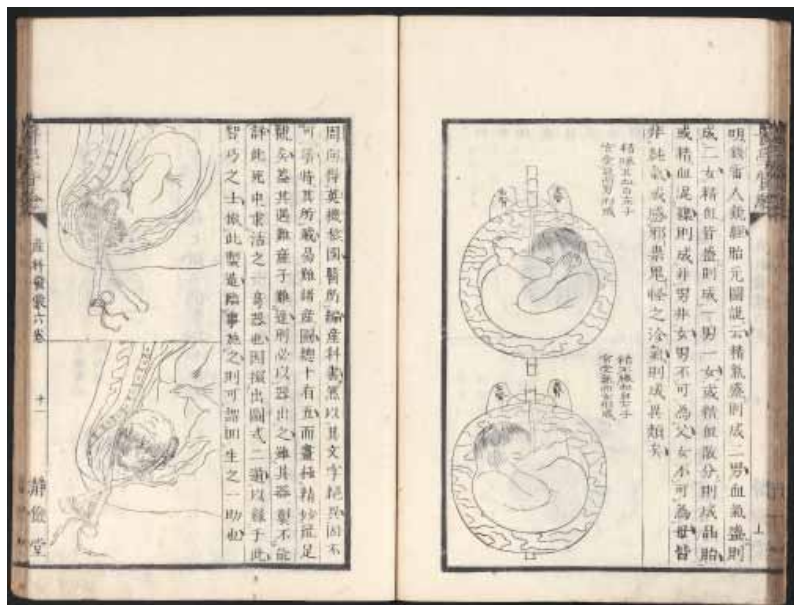
First edition of this very richly illustrated work on Japanese magic. Jipposha (active 1844-49), was the author of two other magic books, both also published in the 1840s. The deceptions are portrayed in the woodcuts in a particularly vivid way. The tricks include pouring sake into a bottomless cup, mysterious appearances and disappearances of eggs, bringing out many things from a tiny box, tricks with fire, making a reception room seem as if it were the ocean, floating candles, sword swallowing, dancing chopsticks, dancing fire over water, tongue piercing, mystical creatures entering rooms, juggling acts, lifting very heavy things effortlessly, coin tricks, etc. Many of the tricks or deceptions require audience participation.

Very good copy, lacking the four leaves of index.



49] KATAKURA, KAKURYO. *Sanka hatsumo*

[trans.: *Treatise on Obstetrics*]. 35 fine woodcut illus. in the text. Six parts bound in four vols. 8vo, orig. wrappers (wrappers a little soiled), orig. block printed title label on each upper cover, new stitching. Tokyo: Suharaya Mohe, 1799. \$5000.00



First edition of the first Japanese book to recommend the use of Western forceps in delivery. Katakura (1750-1822), was one of Kagawa's students and a leader in integrating the ideas and concepts of western medical practice into Japanese obstetrics. Inspired particularly by Hendrik van Deventer and Smellie as well as other western obstetricians, Katakura was the first to use *in utero* illustration which adopted western views and abandoned the eastern understanding of fetal development and positioning . . .

"The book is very well-illustrated with figures depicting fetal positions, the placenta, and use of a newly introduced instrument – the forceps."- *Heirs of Hippocrates*-(unknowingly describing the 1822 reprint which is identical to the 1799 first edition except for the addition of the portrait of Katakura).

Nice set.

✧ Mestler, *A Galaxy of Old Japanese Medical Books*, II, p. 494—"Kakuryo or Genshu or Shinho Katakura (1750-1822), a Japanese physician who came from a long line of doctors, had been a pupil of Genetsu Kagawa, and was himself very famous in obstetrics and gynecology, felt it necessary to write a book to correct what he believed to be the errors in the works of the two Kagawas referred to above. The result was the *Sanka hatsumo*, published originally in 1799 in six volumes (bound in four), a treatise on obstetrics described by the author in his preface as 'a collection of medical science based on actual experience.'"



50] KAWAKITA, MAHIKO. *Kokon bokuseki kantei benran* [trans.: *Compendium of Appraisals of Painters of Ancient & Modern Times or Guide to Japanese Seals & Signatures*].

Numerous woodcuts in the text. Seven vols. Oblong 8vo (*shuchin bon*), orig. decorated wrappers, upper covers with orig. block-printed title labels, modern stitching. Tokyo, Kyoto, & Osaka: [Preface to Vol. I dated 1847; Preface to Vol. V dated 1854, and colophon of final volume dated 1855]. \$1750.00

First edition of this famous book which is still used as a reference work for art historians, dealers, and collectors to determine the artist, calligrapher, poet, philosopher, and medical physician through their signatures and ownership seals. Biographical sketches are provided. The first two volumes are devoted to Confucian philosophers, Vols. III and IV to *waka* poets, V and VI to artists and calligraphers, and the final volume to prominent medical doctors.

Hundreds of seals and signatures are depicted. The book is printed in a most unusual format for a Japanese book of the period: a narrow oblong octavo — *shuchin bon* — a book small enough to carry in one's kimono sleeve.

Kawakita (1818-68), wrote several other works including a well-known travel guide to Kyoto.

Fine set and rare in the first edition. The final leaves of Vol. VII are a little wormed (final leaf with small loss of text).

SEA BREAM IN ONE HUNDRED WAYS

51] KIDODO. *Tai hyakuchin ryori himitsubako* [trans.: *Secret Treasury of One Hundred Sea Bream Dishes*].

Illus. title-page & one illus. in the text. 31; 26 folding leaves. Two vols. 8vo, orig. patterned wrappers, orig. block printed label on upper cover of Vol. I (lacking on Vol. II), new stitching. Edo & Kyoto: 1795. \$6000.00

First edition of this early work on the sea bream and its role in Japanese cuisine. This is one in the "hundred tricks" series of recipe books, which also included books on tofu, eggs, whale, rices dishes, conger eel, and devil's tongue, issued between 1782 and 1846.

"An author who wrote under the name Kidodo dominated this genre of writings. Little is known about this mysterious author. Kidodo may have worked as a professional restaurant chef in Kyoto, where all his books were published . . . [one of his writings] refers to him as a cook (*ryorinin*), and invites readers to visit the author if they have any questions about food preparation . . . Judging from his publications, which are the only record we have for him, he was certainly prolific and imaginative . . . Kidodo wrote six of the sixteen hundred-tricks texts, far more than any other author. This is all the more remarkable for the fact that five of his books appeared in printed in the same year."—Rath, *Food and Fantasy in Early Modern Japan*, pp. 176-81-(& see the whole passage for more fascinating insights).

Sea bream is a very versatile fish, used in many kinds of preparations. During the Edo period, sea bream was considered the "king of fish," and, having auspicious qualities, was frequently presented at celebratory banquets (weddings, New Year's parties, etc.). The recipes included in this work come from various regions in Japan. In the preface, Kidodo relates that he went around to all the leading families and asked for their favorite secret family recipes for sea bream.

Rath, in error, cites 1785 as the date of publication. The preface is dated "1785" but the imprint is "1795."

Very nice copy. Minor marginal worming.

此書ハ鯛一巻ニシテ

百味ノつゝハコト

ナシヤクヨクナク

又ハ鯛ノ漬物トモ

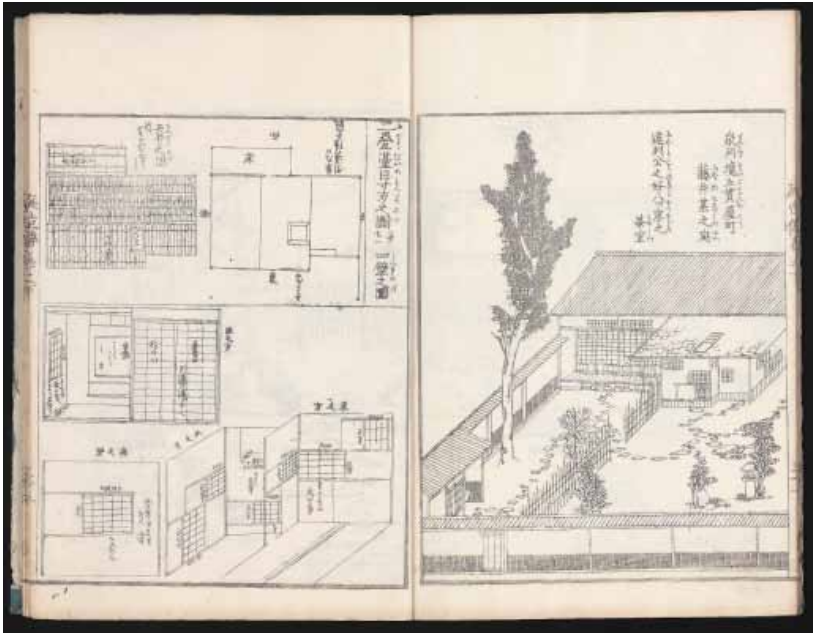
鯛百珍料理秘密箱

全部 二冊



此書ハ鯛一巻ニシテ
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ナシヤクヨクナク
又ハ鯛ノ漬物トモ





52] KITAMURA, ENKIN. *Tsukiyama niwatsukuriden* [trans.: *Creating Landscape Gardens*].

44 double-page & seven single-page woodcut illus. plus many illus. in the text. 35; 19; 27 folding leaves. Three vols. 8vo, orig. dark blue wrappers (wrappers somewhat frayed & defective, upper cover of first vol. with some worming), orig. block-printed title labels on upper covers, new stitching. Kyoto: Preface dated 1735.

[WITH]:

AKISATO, RITO. *Tsukiyama niwatsukuriden. Kohen* [trans.: *A Sequel to Creating Landscape Gardens*].

40 double-page & 27 single-page woodcut illus. plus many text illus. 36; 35; 37 folding leaves. Three vols. 8vo, orig. blue wrappers (wrappers a little worn), orig. block-printed title labels on upper covers, new stitching. Nagoya: Toshiro Katano, Preface dated 1818 [but probably 1828 or 1829].

\$3950.00

First editions of two of the principal monographs on landscape architecture of Edo-period Japan; they are richly illustrated with more than 100 fine woodcut illustrations. The first three volumes were written by Kitamura (active 1735), with the fine series of woodcuts by Fujii Shigeyoshi in 1735. "In 1829, Akisato Rito (active 1780-1814), wrote another three parts ... [The entire work] classified gardens by style and explains garden elements using famous gardens as examples. It describes how to design a garden, different garden styles, stones, waterfalls, ponds, built elements (bridge, stone lantern, basin), plants, hedges, and construction techniques, classifying them in 103 categories."—Goto & Naka, *Japanese Gardens: Symbolism and Design*, p. 113—(& see the long list of topics which show the comprehensive nature of these works).

We have also included the 1828 or 1829 Nagoya revised edition of Kitamura's book. Also printed in three volumes, it has been revised by an unknown author (but probably Akisato) and is substantially longer and with somewhat different woodcuts than the 1735 original edition.

Nice set and handsomely illustrated. The second volume of the first work has some worming towards end touching images and text. The final volume also has some worming touching text and image. We do not find the worming offensive.

✎ Thacker, *The History of Gardens*, p. 68—this work "illustrates styles and categories of garden arrangement which are still referred to in modern texts, though not always fully accepted. In particular, the categories of hill garden and flat garden are set out."

53] (KYOTO ASSASSINATIONS OF 1862).

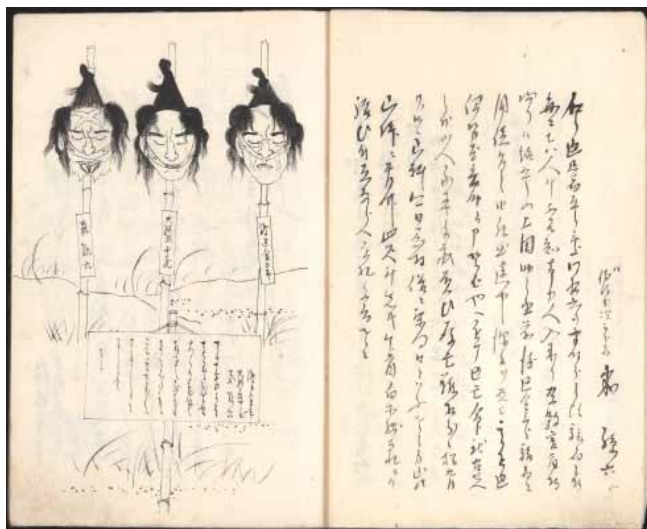
Manuscript on paper, illustrated with 21 fine pen & ink drawings. 35 folding leaves. 8vo (248 x 173 mm.), orig. wrappers. [Probably Kyoto: 1862 or shortly thereafter]. \$4500.00

The opening of Japan by Perry caused tremendous political and economic turmoil and violence within the hitherto relatively peaceful country. The country was divided into two groups: the first supported the shogun and his cooperation with the Western nations and the second considered these changes a betrayal of traditional Japanese values and called for the emperor to unify the country.

Political assassinations became common on the streets of Kyoto. This manuscript describes and depicts a series of victims of assassination, most of whom were supporters of the shogun. They include Seiichiro Homma, Genba Ugo, Kinzaburo Watanabe, Shigezo Oogawara, Tatekiwa Tada, Hajime Kagawa, and finally Kazue Murayama, the mistress of Naosuke Ii. In each case there is a gruesome illustration of their heads on stakes or their bodies tied to racks with a facing account of their "crimes." There is also an illustration of Hajime Kagawa's severed head, ear, and arm. These parts of his body were sent to aristocratic families as warnings.

Chaos and violence continued in Kyoto for several more years, in spite of military interventions. Eventually the shogunate came to an end and the Meiji Restoration commenced with the emperor established as the symbolic head of the country.

In fine condition.



JAPANESE & WESTERN DECEPTIONS

54] MURAKATA, YOSHISAKU. *Wayo tejina no tane* [trans.: *Nuggets of Japanese & Western Magic*].



Many woodcut illus. in the text (three in brilliant color, one of which is double-page). 22 folding leaves, one page. 12mo, orig. wrappers (rubbed, final two leaves with some worming not touching the text or illus.), orig. block-printed title label on upper cover, modern stitching. Tokyo: [Privately Printed & sold by Okura Magobei et al.], 1884. \$1850.00

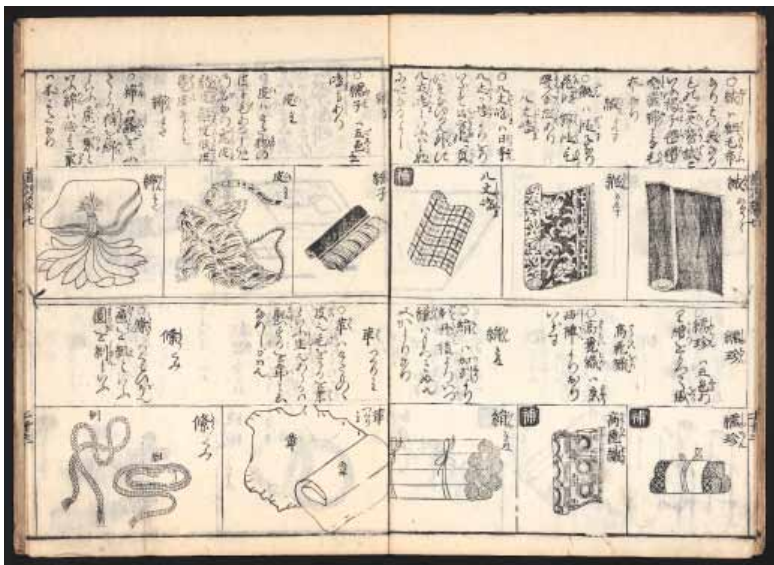
Apparently the first edition; WorldCat locates only a copy at the National Diet Library in Tokyo. The book begins with an index of 26 “tricks” or illusions, each described and well-illustrated in the text. There is a real mixture of Japanese and Western deceptions.

Apart from the minor worming, a fine copy. Rare.

55 | NAKAMURA, TEKISAI. *Zoho Kashira Gaki Kimmozui*

[trans.: *An Illustrated Encyclopedia*]. Numerous woodcut illus. in the text. 193 folding leaves. 21 vols. bound in eight. 8vo, orig. wrappers (somewhat worn & rubbed), orig. block printed title labels on upper covers (rubbed & frayed), new stitching. N.p.: 1695. \$4500.00

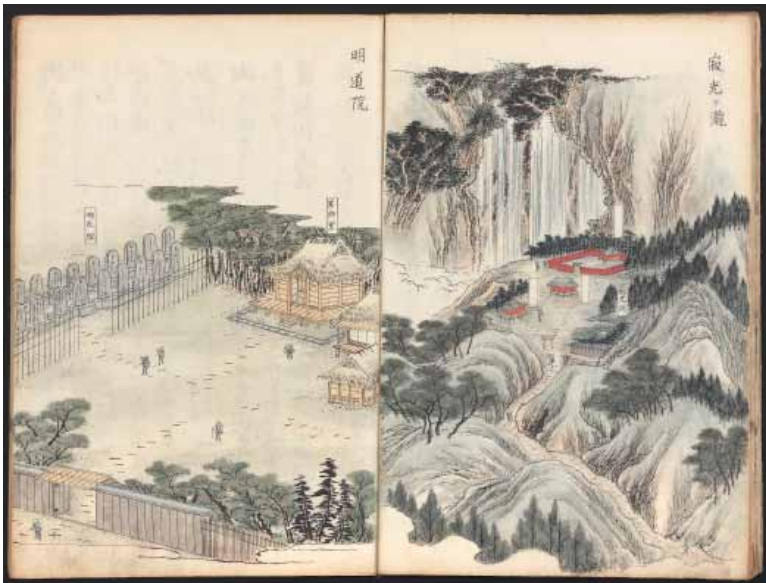
An early edition of this important and richly illustrated encyclopedia (1st ed.: 1666). This encyclopedia covers astronomy, geography, architecture, occupations of every sort and level, anatomy, pharmacology, natural history, costumes, valuable art objects, tools, musical instruments, fireworks, toys, arms and armor, various kinds of boats and carriages, agricultural tools, weaving, basketry, mills, carpenters’ tools, hydraulic



machinery, fishing equipment, clocks, household furniture, cosmetics, cooking utensils, dinner ware, decorative ceramics, tea ceremony utensils, weighing scales, knife sharpeners, cleaning utensils, armillary spheres, archery, games (including *go*), street entertainers, Buddhist ceremonial ornaments, furniture for temples, coffins, the animal world (including imaginary animals and endless species of fish), rice and grains and their finished products, vegetables and fruits, trees, flowers and plants, philosophers, historical figures in Japan and China, famous artists and poets, and deities.

Nakamura (1629-1702), was a Confucian scholar and therefore was well-educated enough to write such a broad-ranged encyclopedia. He was an authority in astronomy, surveying, and music theory.

Some worming here and there touching the text, otherwise a very good set. Rare when complete.



56] (NIKKO REGION).

A finely illustrated album entitled in English on free front endpaper "Views Near Nikko in 1827 — by Katsukawa Shunzan." Ten double-page & seven full-page finely executed pen & ink and water-color drawings. 32 folding leaves. 8vo (276 x 195 mm.), orig. wrappers (rather worn, upper wrappers & first few leaves with some marginal worming), stitched. [Japan]: colophon dated 1827. \$5500.00



We are unsure of the artist who executed the splendid water-color drawings in the present album. There is an inscription in English on the free front endpaper attributing the drawings to "Katsukawa Shunzan" but the colophon credits the work to "Katsukawa Matsuyama Shunko." While we have not been able to identify either person, the artist was clearly a member of the famous Katsukawa School of *ukiyo-e* art.

The region surrounding the city of Nikko in the northern Kanto region of Japan has many famous shrines, temples, and natural wonders including numerous waterfalls. The titles of the illustrations include: "Entrance to the Nikko Mountain," "Takikawa River and Log Bridges," "The Waterfalls of Fukazawa," the famous "Kegon no taki" waterfall, the "Tenkaisan Ooyaji" temple, the "Izuruyama" temple (which has a famous Buddha statue made by Kobodaishi), the "Iwafuneyama Koshoji" temple, and others. The illustrations are of high quality.

This was clearly compiled as a travel guide. The text describes the main sights, their history, the occasional restaurant, etc. The figures depicted in the illustrations are dressed as travellers.

Internally in fine condition.

MAKING PICKLES

57] ODAWARAYA SHUJIN. *Tsukemono haya shinan* [trans.: *A Guide to the Art of Pickling*].

Three double-page & one single-page illus. 33 folding leaves. Small 8vo, orig. wrappers (covers rubbed, some minor staining), new stitching. [Tokyo: Preface dated 1837]. \$2500.00

First edition. Pickling is one of the glories of Japanese cuisine. This work, written by a Tokyo wholesale dealer of pickles, provides 64 recipes for pickling and marinating in miso different foodstuffs including cucumbers, radishes, eggplants, carrots, plums, burdock, chrysanthemum flowers, wasabi leaves, edamame, watermelons, ginger, winter squashes, etc. The anonymous author provides a history of pickling in Japan and traces its origins back to the middle of the 14th century.

The fine woodcuts depict men and women cutting and preparing vegetables and fruits for pickling, the wooden vats, *manaita* (cutting boards), etc.

Very good copy and rare.

✦ Seiji Takarabe, "A Bird's-Eye View of Japanese Pickles," *Kyoto University Economic Review*, Vol. I (1926), pp. 192-200—(which is absolutely fascinating and endearing at the same time. The author was a real gourmet of pickles and delighted in both English and German pickled foods, about which he wrote with the greatest enthusiasm).



58] ONO, HIROKI (OR GONNOJO).

Manuscript on paper of one of Ono's printed books — *Buke genpiroku* [trans.: *The Secret Manual on the Customs & Manners of the Samurai*]. Many fine pen-and-ink illus. in the text. Ten vols. 8vo (265 x 190 mm.), orig. decorated wrappers, new stitching. [Japan: ca. 1845]. \$5000.00

Ono (1788?-1841), a scholar of Japanese classical literature, was a long-time retainer to the shogun. His three-part trilogy *Buke genpiroku* was published 1837-40 in 300 copies and immediately banned because it revealed so many intimate secrets regarding the privileged court life of the circle of functionaries around the shogun. Ono was put under house arrest and soon died.

Because of the intense interest amongst the general population regarding the revelations, manuscript copies were made and this is such a production. The first volume provides a detailed calendar of the daily activities of the shogun's court. Vol. II lists all the functionaries and their duties and salaries. Vol. III describes various rules which must be observed within the court at festivities and periods of mourning. The fourth volume contains a detailed map of Edo Castle (today the Imperial Palace) and the surrounding properties with the locations of the all entrances and the residence of



the shogun. The names of the property owners and their occupations are given. Also depicted are the uniforms and lanterns of the guards.

Vol. V is devoted to Nikko with a detailed map of the city, giving the names of the shop keepers, and a list of noteworthy visitors to the city. Vol. VI gives extensive descriptions of the rules of behavior for the samurai. There are eight fine drawings of gates of various complexity, which could be used only by certain samurai, depending on their rank. The seventh volume describes activities forbidden to the samurai. Vol. VIII gives one hundred rules which the samurai must follow. The ninth volume is concerned with appropriate punishments for criminals. There are two full-page illustrations of the tattoos put on criminals after conviction. Vol. X describes the attire, according to rank, appropriate for the courtiers. There are 24 fine pen-and-ink drawings of attire.

While all this might not seem scandalous today, it was at the time. The shogun and his circle considered it a gross violation of their privacy.

In fine condition. The illustrations are very finely drawn.

59] ONO, HIROKI (OR GONNOJO).

Manuscript on paper, entitled "Taihei fuyashu" of Ono's printed book — *Taihei nenpyo* [trans.: *A Timeline of Notable Events from 1542 until 1837*]. Eight vols. 8vo (270 x 190 mm.), orig. decorated wrappers, new stitching. [Japan: after 1841]. \$2500.00

Ono (1788?-1841), a scholar of Japanese classical literature, was a long-time retainer to the shogun. *Taihei nenpyo* is a detailed chronicle of the most important events from the birth of the first shogun Tokugawa Ieyasu in 1542 to the retirement of the 11th shogun in 1837. The book was first published in 1841 and promptly banned because Ono revealed many of the detailed "back-stories" of historical occurrences. Because of the controversial nature of the text, manuscript copies were immediately made and circulated.

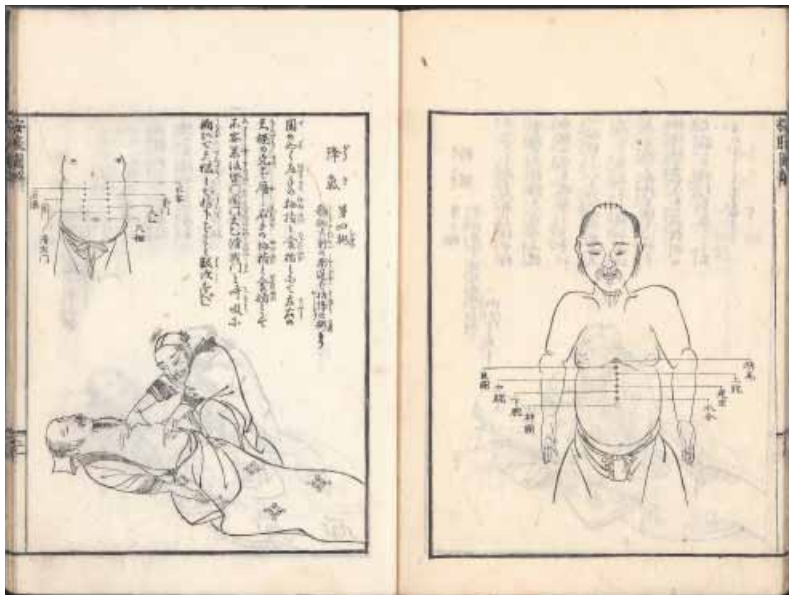
In fine condition.

60] OTA, SHINSAI. *Anpuku zukai* [trans.: *Illustrated Account of Massage*].

Numerous illus. in the text (many full-page). 30 folding leaves. 8vo, orig. patterned wrappers (rubbed & a little worn), orig. block printed title label on upper cover, new stitching. N.p. [but probably Osaka]: 1827.

\$3000.00

First edition. "The last monograph of importance on massage in old Japan was the *Anpuku zukai*, compiled and published by Shinsai Ota in 1827,



which gave the technique of massage in text and illustrations.”—Mestler, *A Galaxy of Old Japanese Medical Books*, II, pp. 485-86.

This work by Ota, a physician in Osaka, serves as the foundation of modern Anpuku therapy. “Anpuku,” which means to “ease or calm the abdomen,” is a massage therapy which can be traced back to the Nara and Heian periods in Japan (710-1185 A.D.). It is still practiced in Japan.

The illustrations depict the therapist applying pressure to various parts of the body, pressure points, a baby receiving a massage, an expectant mother receiving a massage, a self-massage, the therapist massaging the breasts of a woman to stimulate her breast milk, etc.

A very nice copy.

61] SANTO, KYOZAN. *Rekisei joso ko*

[trans.: *Study of Women's Wear through the Ages*]. Numerous illus. in the text, some full-page. 30; 33; 33; 35 folding leaves. Large 8vo, orig. decorated wrappers, orig. block-printed title labels on upper covers, new stitching. Kyoto: Shintaido, 1847. \$2950.00

First edition of this well-known historical review of Japanese women's wear. Santo (1769 or 1770-1858), was a famous popular novelist who also used the name Momoki Iwase. This well-illustrated book, written in a very lively style and presented in a series of essays, is concerned with the



grooming of Japanese women. Each volume is devoted to a season. Santo, citing a number of earlier works of Japanese fashion, describes the origins and varieties of mirrors, many of which are quite elaborate; combs; hair ornaments; highly decorative hairstyles; tiaras and other headwear; ornamental pins in the Japanese and Chinese styles; how and when to shave the face and who should do it; how to refine the hairline and eyebrows; kimonos and other clothing; hairstyles for different occasions; etc.

Fine set.

KYOKA POETRY SOCIETY

62] SHIBATA, ZESHIN & UTAGAWA, YOSHIKU, ARTISTS AND KANAGAKI, ROBUN, AUTHOR. *Kumanaki kage*

[trans.: *Shadows Everywhere or Shadows without Shade*]. 82 black & white silhouette prints on pale blue backgrounds & numerous finely color-printed vignettes & "poem-strips." 48 folding leaves. 8vo, orig. decorated wrappers, orig. block-printed title label on upper cover, new stitching. [Japan]: 1867.

\$8500.00

First edition of this finely color-printed book which contains a memorable double-page frontispiece by Zeshin (1807-91), the leading Shijo-style painter of the Meiji period, one of the greatest of lacquer artists of his time, and a prominent contributor of designs for books. "In the Meiji period [and



before), the presence of a print designed by Zeshin invariably gave a certain cachet to any book of verse or landscapes, and he was frequently enlisted by astute publishers to provide one or two telling designs for compilations of mixed authorship . . . In 1867, he helped to launch a book of shadow portraits or silhouettes, by designing a telling frontispiece. *Kuma-naki Kage*, "Shadows Everywhere," consists of a series of the silhouettes (not thought to have been drawn by Zeshin), and Zeshin introduces such a portrait, mounted as a *kakemono*, into the elegant room he has pictured, with a balcony overlooking a lake."—Hillier, *The Art of the Japanese Book*, pp. 964 & 915-16.

As noted above, Zeshin has contributed the beautiful double-page color-printed frontispiece (and perhaps a few more vignettes). The remainder of the silhouettes, vignettes, and "poem-strips" has been executed by Yoshiiku Ochiai (or Yoshiiku Utagawa) (1833-1904), one of the leading artists of the Utagawa school.

Each of the black & white silhouettes depicts members of a poetry society and the "poem strips" offers a selection of their verse and a brief biographical account.

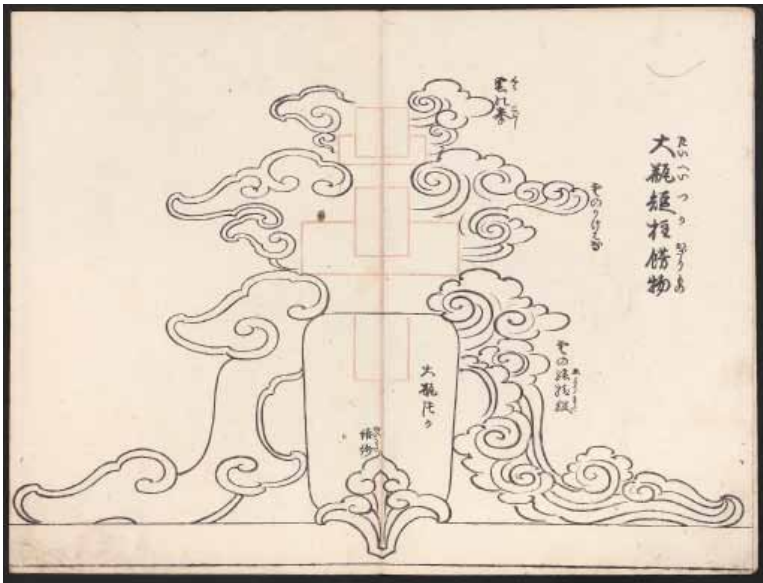
The production of this book was complex, and displays Japanese woodcut color-printing at its finest. Many of the leaves have portions with blind-embossing (for instance, the fore-edges of books have been blind-embossed to give the suggestion of edges of leaves). A number of the text pages have also been blind-embossed with a cherry-blossom motif.

In fine and fresh condition. Accompanied by the original decorated sleeve, a very rare survival.

AN IMPORTANT PATTERN BOOK

63] TACHIKAWA, TOMIFUSA. *Yamato eyoshu*

[trans.: *Collection of Traditional Japanese-style Wood Carving Patterns*]. Numerous woodcuts in the text, mostly full-page. Four vols. Large 8vo, orig. blue wrappers (some mostly marginal worming) bound in *orihon* style (accordion), block-printed title labels on each upper cover. Tokyo: Suharaya Mohe, 1763. \$3750.00



First edition of this important and handsomely illustrated work on Japanese-style wood-carved motifs and patterns which stem from the “Tachikawa [or Tatekawa] Ryu” school of design, decoration, and building techniques. Tachikawa (active 1763-71), a master carpenter who lived in Tokyo, focused on the *taisha-zukuri* (or *oyashiro-zukuri*), which is the oldest Shinto shrine style.

The handsome woodcuts depict a series of small motifs and larger designs for carvings on pillars, rafters, gables, and other structural elements of a shrine or house. The book, printed in the *orihon* style, allows for the consecutive pages to be laid out for multi-page overhead schematic views. Most of the woodcuts are highlighted by hand in red as guides for correct proportions and placement of ornaments.

Very good set and very rare. Occasional stains.

64] TAKASHIMA , SHIJO. *Setsuyo ryori taizen* or *Toryu setsuyo ryori taizen* [trans.: *Complete Manual of Cuisine of our School*].

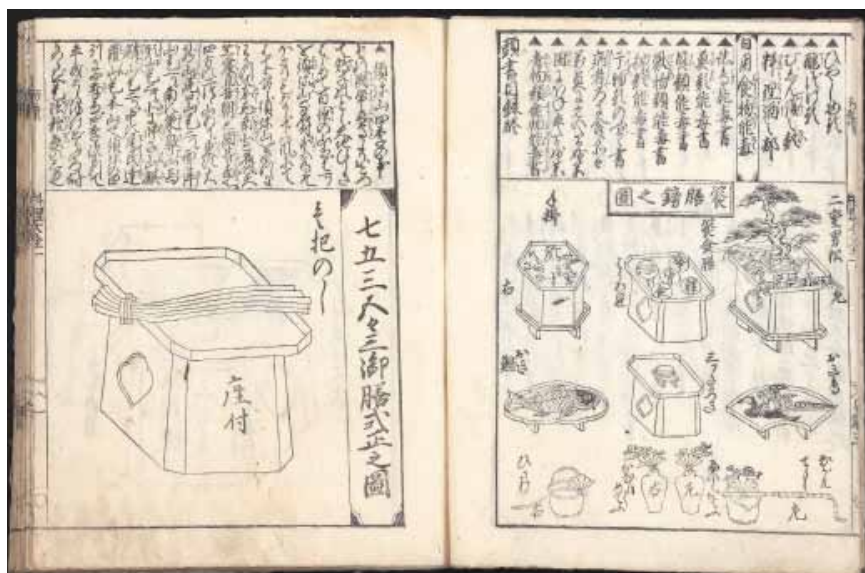
51 illus. in the text. Five vols. in one. 8vo, cont. orig. wrappers (rubbed), new stitching. Edo & Osaka: 1714. \$5500.00

First edition of this notable gastronomy book; it is rather uncommon. The Shijo School of Cooking was established by professional chefs during the Muromachi period (ca. 1400-1550). These chefs specialized in preparing formal banquets for nobility. The text is a compilation of techniques and recipes taken from earlier noteworthy cook books of this school. There are details on cutting and slicing, the meanings of the dimensions of the long metal chopsticks, and very numerous recipes.

The illustrations represent the elaborate seasonal displays of foods, with a particular focus on fish, other sea foods in soups, poultry, and vegetables. A number of idealized menus are presented along with rules about which foods go together and which don't. There are a number of illustrations depicting cutting and carving techniques. At the end of the text, there is a substantial section on remedying food poisoning, along with favored foods for people who are sick.

Occasional minor worming, well-mended.

✦ Rath, *Food and Fantasy in Early Modern Japan*, pp. 48, 69-70, 83, 94, 101, 107, 114, 147, & 219.





"A MASTERPIECE OF TEA THEORY"

65] TEA CEREMONY.

Manuscript on paper, entitled in the beginning of the final volume "... Nanboroku" and "Kissa Nanboroku" in the 7th volume. Many pen & ink illus. in the text. (many full-page). 44; 20; 27; 55; 40; 52; 45; 49 folding leaves. Eight vols. 8vo (272 x 196 mm.), modern wrappers, new stitching. [Japan]: "copied by Nagakazu [or Eiwa] Hori in 1831." \$4500.00

A handsome and richly illustrated manuscript of the great tea ceremony text "Nanboroku." It "is supposedly a transcription of Sen no Rikyu's sayings and discourse. The text of this book itself was 'discovered' in 1686, a hundred years after the tragic death of Sen no Rikyu. Although the book was immediately recognized in Tokugawa tea circles as a masterpiece of tea theory, there has been considerable discussion in the scholarly literature as to the accuracy of the book's attribution to Sen no Rikyu. It is possible that the discovery of the book itself was related to an effort of a student of the tea ceremony at the time, who attempted to elevate Sen no Rikyu as a saint-like figure in order to promote the position of the art itself... The book is, at any rate, a reliable guide to how Tokugawa people regarded Sen no Rikyu's teaching." -Eiko Ikegami, *Bonds of Civility: Aesthetic Networks and the Political Origins of Japanese Culture*, p. 414, note 8.

The text is divided into seven sections: memoranda, gatherings, shelves, schools; tables, citations, and memoirs. The illustrations depict the tea

room and its decorations including scrolls, *bonseki*, shelves, storage containers, calligraphy brushes and paper, incense tools, books, and jars of tea; the actual progression of the ceremony; heat sources and seating arrangements; instructions for placement of the tools on the floor; garden design and tools; floor plans; containers for boiling water; different styles of knots for tying scrolls; etc., etc.

Details of *kaiseki* menus are provided.

In fine condition. Unimportant marginal worming in the third volume.

ONE OF UTAMARO'S LATE SHUNGA MASTERPIECES

66] UTAMARO. *Ehon hitachiobi* [trans.: *Picture Book: Divining a Good Match*].

21 double-page & 3 full-page woodcuts, all in black & white. 14; 13; 13 folding leaves. Three vols. 8vo (215 x 156 mm.), orig. hand-painted decorative wrappers (a little rubbed & worn, lower margins a little soiled), orig. block-printed title labels on upper covers, new stitching. [Japan]: 1795.

\$29,500.00

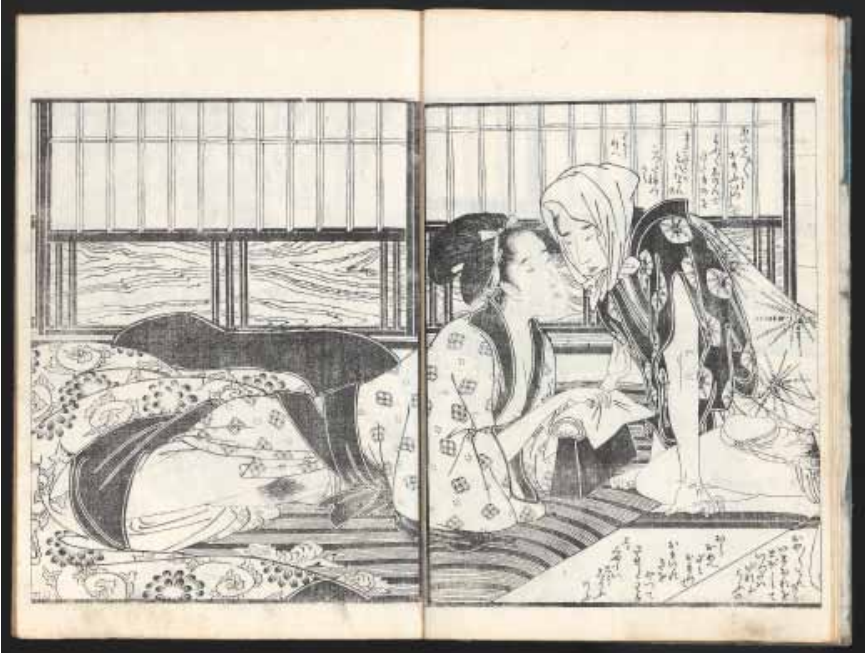
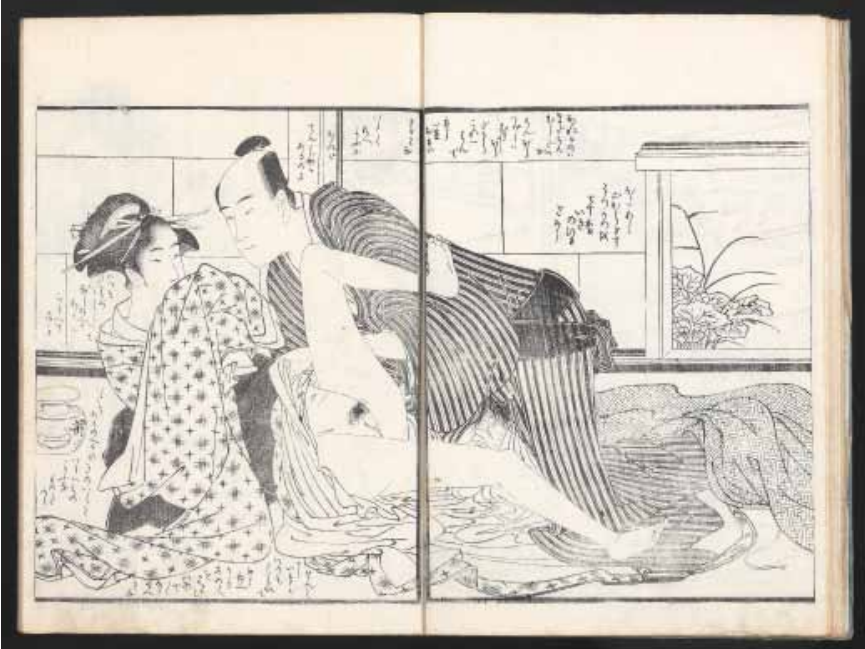
First edition of this very rare *shunga*, created during the final glory years of Utamaro Kitagawa's career; WorldCat locates no original edition. This is one of the rarest of Utamaro's erotic works and is a fine set in fresh condition with excellent impressions of the woodcuts.

In the beginning of each volume there is a different finely wood-engraved portrait of a woman; they demonstrate the mastery of Utamaro's art and are very much in the *bijin-e* tradition for which Utamaro is so celebrated. They are followed by three sets of seven double-page scenes of intense sexual intimacy. In the fourth double-page scene in the first volume, we see a fan held by the female lover. Utamaro has discretely wood-engraved his signature on the upper side of the fan. Following each set of the double-page scenes, there is text. Many of Utamaro's closest friends are portrayed.

Hayashi (see below), writes that this book represents the highest wood-carving technique of the time. Portrayals of the hair of the women is very delicately wood-engraved; the block-cutters have skillfully reproduced the impressive range of Utamaro's brush-drawn lines.

"In the *shunga* of Utamaro's last years, just as the eighteenth century was giving way to the nineteenth, it is already possible to discern new forms of expression which presage developments in *ukiyo-e shunga* of the late Edo period. Specifically, the taste developed for extreme enlargement and exaggeration of the sex organs, and for couplings of bodies that were unnatural – what could be described as an expressionistic tendency. Utamaro was a





giant of late Edo-period ukiyo-e, endowed with considerable foresight, an artist who not only created an innovative style in his images of beautiful women, but who also paved the way for a new period of *shunga*."

–Kobayashi Tadashi, "The Essence of Ukiyo-e *Shunga*" in Clark et al., *Shunga. Sex and Pleasure in Japanese Art*, p. 157.

Fine set and extremely rare. The final three leaves of Vol. III have a faint dampstain.

✂ Clark et al., *Shunga. Sex and Pleasure in Japanese Art*, p. 407—"The second half of the eighteenth century, in particular the period from the 1760s to the 1780s, represents the peak of the production of *shunga* scenes that include children . . . At times, however, unconventional representations of children, even disturbing ones, can be observed in some *shunga* from the late Edo period. For example, [the present work] includes a scene of a young boy, seemingly less than five, who appears not to be paying attention to his older sister and her lover having sex, but we notice instead that he is touching his erect penis and mumbling 'I feel like having sex.' This kind of representation seems to have been an aberration and did not apparently continue." Yoshikazu Hayashi, *Edo Enpon shusei* [trans.: Comprehensive Collection of *Shunga* Books in the Edo Era], Vol. 6 (2011), pp. 24, 38, 61, 64, 88, 90, 131, 161-68, 173, 182, & 183 and Vol. 7 (2012), pp. 96, 103, 110, 135, 168, 185, 187, 189, 217-57, & 278.

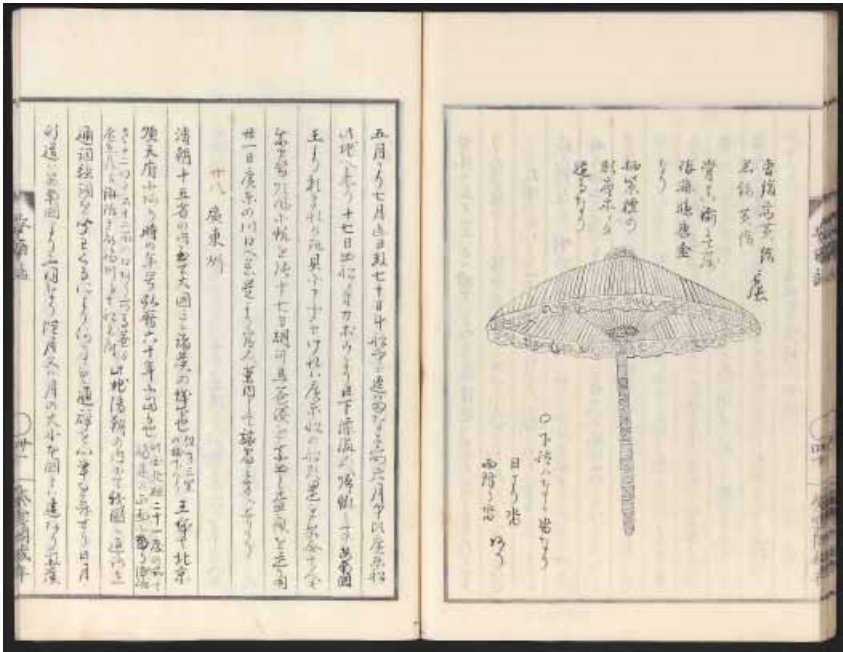
SHIPWRECKED JAPANESE SAILORS IN VIETNAM

67] (VIETNAM).

Manuscript on paper, manuscript label on upper cover entitled "Tale of Vietnam." Some black pen & ink illus. in the text. 54 folding leaves. Large 8vo (277 x 189 mm.), orig. blue patterned wrappers, new stitching. [Japan]: after 1794. \$3750.00

In 1794, a Japanese fishing vessel from Sendai, the *Daijomaru* with a crew of 16, became disabled following a violent storm and drifted to Vietnam. After living in Vietnam for a year, the nine surviving sailors made their way back to Nagasaki via Macao and Canton. In 1798, a five volume book entitled *Nanpyoki* was published in Kyoto describing the sailors' experiences in Vietnam and southern China.

The present manuscript shows substantial differences, both in text and illustration, from *Nanpyoki*. Following an index, the text describes how the ship was forced upon the shore of an island just off Vietnam. The sailors received a cordial reception, were fed, and government officials arrived to deal with them. The following chapters describe the weather of Vietnam, the geography, their journey to the capital, the ill health of the sailors, the language, their living quarters, diet (fish, tofu, kelp, rice, oil, etc.), visits to temples, female merchants (they work hard and are very talented in business), coins (illustrated), the animals and trees of the country, clothes, customs and rituals, marital and family relations, courtesans and prostitutes, musical instruments (illustrated), history of the country, etc., etc.



The final 17 leaves contain an account of their return through Macao, Canton, and Saho to Nagasaki. Each city is well-described.
Fine condition.

68] YAJIMA, GOGAKU (OR GAKUTEI OR HARUNOBU).

Manuscript on paper, titled on labels on upper cover “Kenmon ijinroku Gakutei” [trans.: “The Stories We Heard about Eccentrics by Gakutei”]. 31 folding leaves. 8vo (237 x 168 mm.), orig. wrappers (rather rubbed), new stitching. [Japan: before 1837]. \$3500.00

Yajima (ca. 1786-1868), was a Japanese artist and poet best known for his *kyōka* poetry and *surimono* works. He studied under both Totoya Hokkei and Hokusai. This is a substantial portion — one and a half volumes of five — of the working manuscript of his well-known *Hyakka Kikoden* [trans.: *A Miscellany of Eccentrics*] first published in 1837. The idea for one of the stories in this work — “Shima no Kanjuro” [trans.: “Kanjuro loves Stripes”] — was given to Yajima by Bakin Takizawa (or Bakin Kyokutei), one of the greatest writers of the late Edo period.

The manuscript text is quite different from the printed edition; it also exhibits a number of authorial corrections, important deletions of large sections of text, and instructions to the block maker in red ink.

Some worming touching the text. Very good condition.

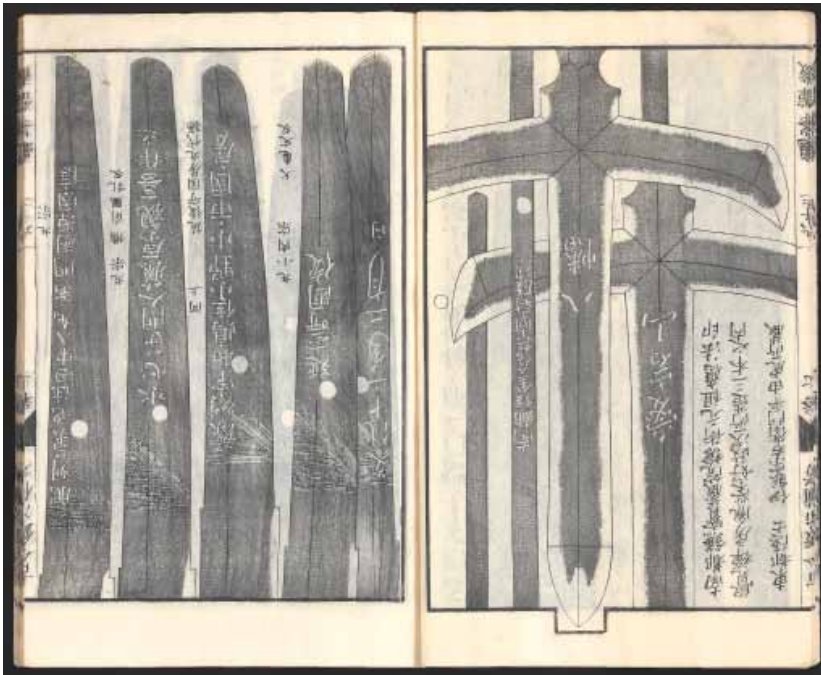
“THE BREAST SPLITTER”

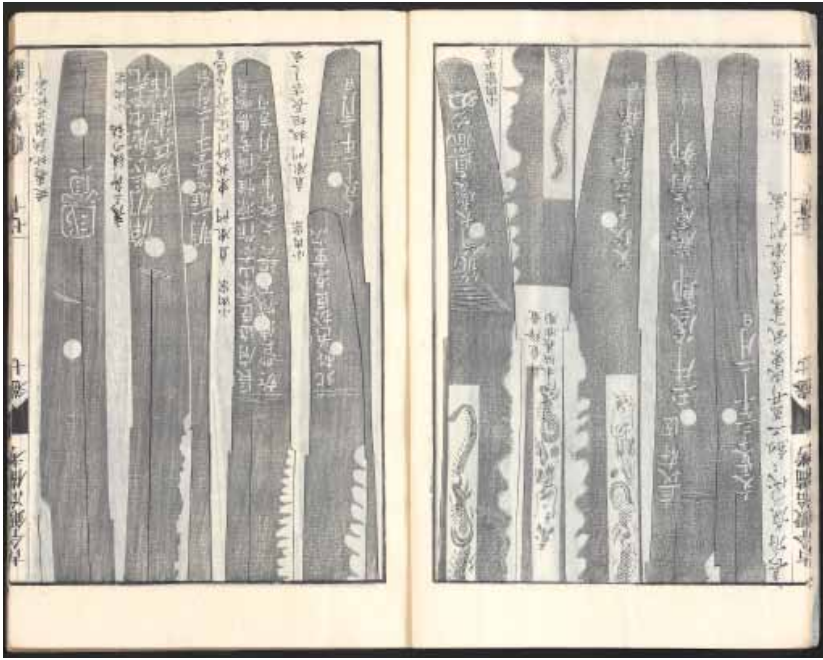
69] YAMADA, YOSHIMUTSU. *Kokon kaji biko*

[trans.: *Sword Smithing: Old & Modern*]. Many illus. in the text. Seven vols. 8vo, orig. patterned pale blue wrappers (rubbed), orig. block-printed title labels on upper covers, new stitching. [Japan: ca. 1830]. \$3500.00

First edition. The Yamada family of sword testers was famous; for many generations they made a living as executioners and kept detailed records of each sword's performance. Bodies were mounted on a cutting stand and specific cuts were made. One of their toughest tests was to cut centrally through the thorax, the so-called *chiwari* (“breast splitter”), as it had to go through several ribs. The sword was judged on how many bodies were severed with each type of cut.

Following the index in the first volume of the present work, there are three introductory essays: 1) Yamada on the metallurgical processes for making steel for swords; 2) Masahide Kawabe on the manufacturing of swords; and 3) Natae Kamata on the testing of swords. This final essay contains several illustrations of the “testing grounds” for the sharpness of swords: chopping blocks and mounts to secure bodies. The remaining por-





tion of the first volume is devoted to histories of the leading sword smithing families of Japan.

Vols. II-IV contain an invaluable dictionary of sword smithing families, alphabetically arranged. The final three volumes contain depictions of hundreds of sword blades, arranged by manufacturer and region. Each manufacturer's seal is illustrated.

Fine condition.

70] YOMAN DOSHI (CERTAINLY A PEN NAME). *Tejina hayagaten*

[trans.: *Quick Introduction to Magic or Magic for Beginners*]. Many woodcut illus. in the text. 19 folding leaves (several leaves misbound but complete, the final leaf a blank). Small 8vo, orig. wrappers (tired & rubbed, pale damp-staining at front), orig. block-printed label on upper cover (partly rubbed away), modern stitching. [Japan: no publisher, late Edo]. \$1950.00

First edition; WorldCat locates only the LC copy. This is a well-known and frequently mentioned book in the history of Japanese magic. The anonymous author provides 66 tricks or deceptions; most are illustrated. The tricks are not for professionals but for amateurs in social occasions, using porcelains, swords, coins, candlelight, fans, water, cooking ware,

flame blowers, board games, etc. Also included are instructions on how to attract and collect mice, sword swallowing, making snow in summertime, how to make fireworks with special effects, etc.

Very good copy. Rare.



Büchsenmeisterey.

Vn Geschos/ Büchsen/ Puluer/ Salpeter vnd
Feurwerck etc. Wieman solichs eygentlich zürichten
sol. Was dabei einem Büchsenmeister vñ Schutzen zürwissen ndrig.
Inhalte eins beigelegten Registers darüber.



34 Straßburg bei Christian Egenolphen.

III. Military

IN CONTEMPORARY RED MOROCCO, RULED IN RED

71] ABLANCOURT, NICOLAS PERROT D'. *Les Apophtegmes des Anciens, tirez de Plutarque, de Diogène Laërce, d'Élien, d'Athénée, de Stobée, de Macrobe et de quelques autres et les Stratagèmes de Frontin,*

de la traduction de Nicolas Perrot, Sieur d'Ablancourt. 12 p.l., 512, [22] pp.

Large 4to, cont. red morocco, double gilt fillet round sides, spine gilt, a.e.g.

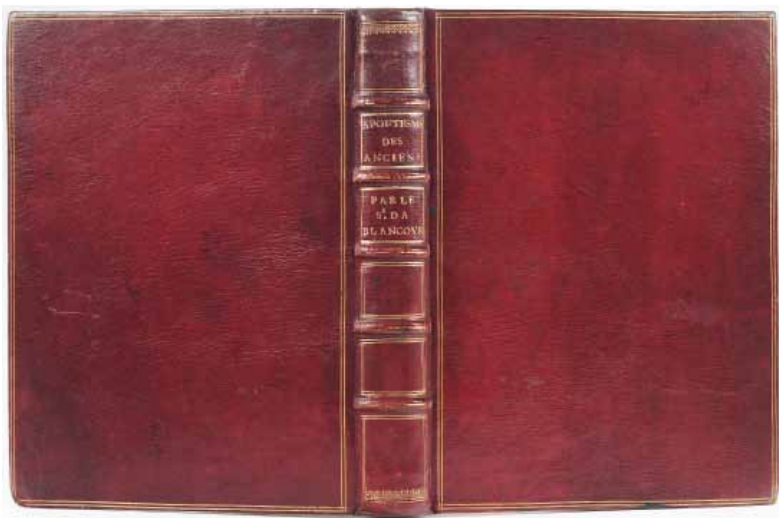
Paris: T. Jolly, 1664.

\$1500.00

First edition, and a very handsome copy in contemporary red morocco, ruled in red throughout, of this collection of aphorisms and apothegms of classical writers, gathered, edited, and translated by Ablancourt (1606-64), a well-known literary figure of the period. He was famous as a translator of classical Greek and Latin texts and maintained a number of controversial theories regarding translation. His translations of these and other works helped form classical taste in the mid-17th century and influenced French prose style.

Pages [347]-end contain his translation of the *Stratagems* of Sextus Julius Frontinus (ca. 40-103 AD), the author of a famous book on the aqueducts of Rome. The *Stratagems* is a collection of examples of military stratagems from Greek and Roman history, for the use of generals and also drawn from his own experiences as a general in Germany.

A fine and fresh copy. Faint dampstaining to upper outer corner and final five leaves with a small stain in upper margin.

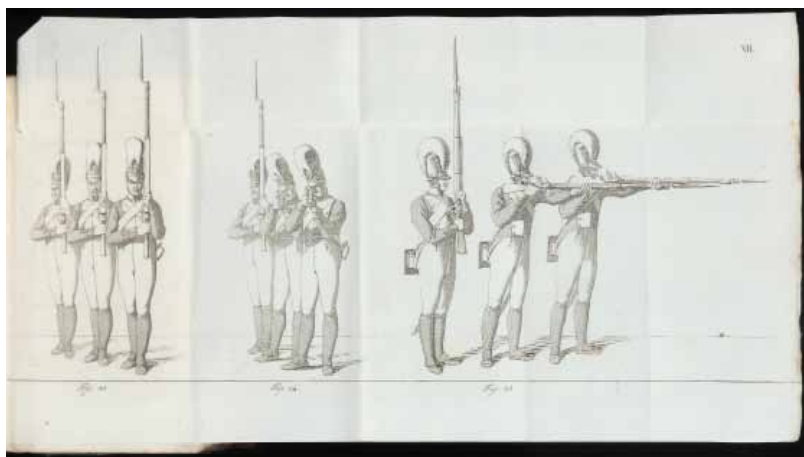


72] (BAVARIAN ARMY LIBRARY). *Catalog über die im Königlich-Bayerischen Haupt-Conservatorium der Armee befindlichen Landkarten und Pläne* [I Supplement; Supplement Band; Dritter Band].

Four vols. 8vo, orig. polished mottled green calf (a little rubbed), single gilt fillet round sides, flat spine gilt, orange leather lettering piece on spine, crown stamped in gilt at head of spine [Vol. I], orig. fine brown sheep *maroquiné*, single gilt fillet round sides, flat spine gilt, orange leather lettering piece on spine, crowns stamped in gilt at head & foot of spine, a.e.g. [Vol III], orig. boards [Vols. II & IV]. Munich: 1832-33-48-72. \$2950.00

The first catalogue issued, with its three supplements, of the maps and plans in the Bavarian Army Library, founded in 1822. This was one of the most important collections of maps of the period.

Very fine and pretty set from the Wittelsbach library of the dukes and kings of Bavaria.



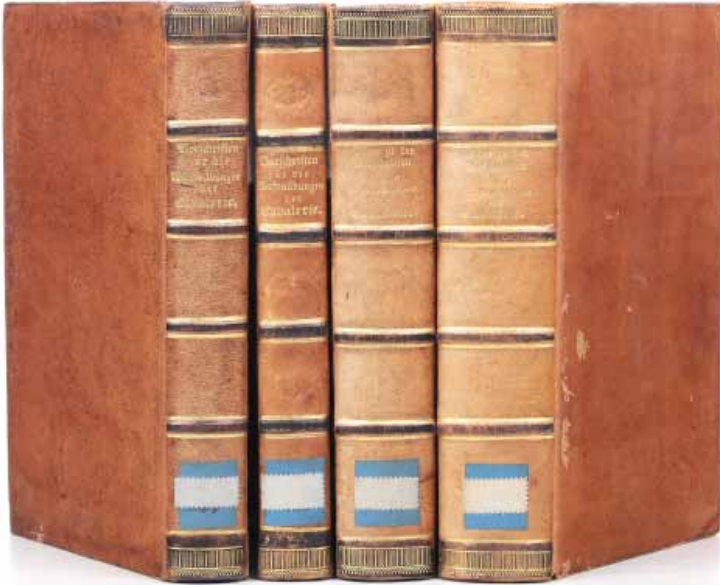
73] (BAVARIAN ARMY). *Vorschriften für den Unterricht in den Waffenübungen der Königlich-Baierischen Infanterie*.

PLATE VOL.: one folding engraved title-leaf, 47 folding engraved plates, & a second series of 47 engraved pages, printed on each side, of military music.
TEXT VOL.: One folding engraved plate. xxxi, 680 pp. Two vols. Thick 8vo, cont. green half-sheep *maroquiné* & marbled boards, flat spines gilt, red leather lettering pieces on spines. Munich: Lindauer, 1822. \$1950.00

First edition and very rare. The official book of instruction and regulations providing details of military field exercises and maneuvers for the Bavarian infantry. These exercises were designed so that the infantry would respond predictably and effectively.

The fine series of plates depict uniforms of all ranks, formations designed to deal with all eventualities and terrains, positions of the soldier with and without arms, marching and alignment, opening and closing rank, etc. Also provided are 47 engraved pages of marching music.

Fine set from the Wittelsbach library of the dukes and kings of Bavaria. Ownership mark of Duke Maximilian Joseph of Bavaria (1808-88), dated 1825. WorldCat locates no copy in the U.S.

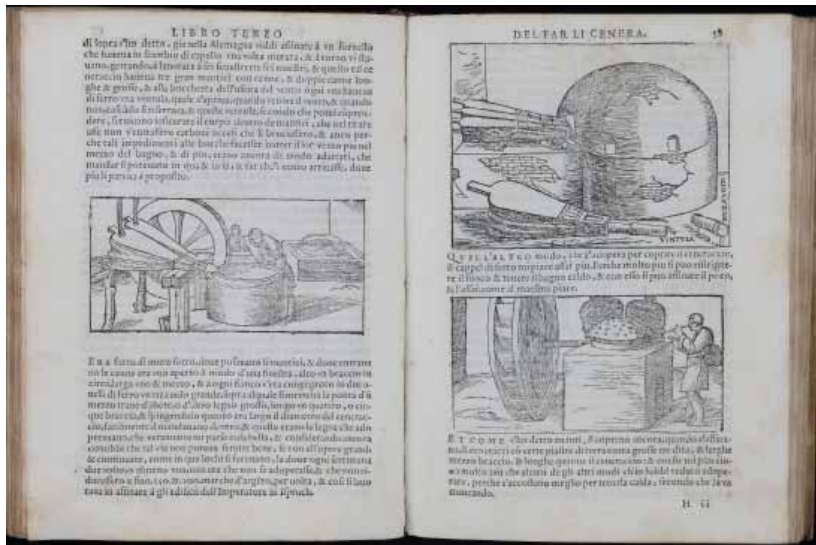


74] (BAVARIAN CAVALRY). *Vorschriften für den Unterricht in den Waffenübungen der Königlich-Bayerischen Cavalerie.*

PLATE VOLS.: Two folding engraved titles, four engraved leaves of music, & 93 fine folding engraved plates. TEXT VOLS.: xv, [1], 501 pp., one leaf of errata; xix, [1], 360 pp., one leaf of errata. Four vols. 8vo, cont. polished sheep, spines gilt, text vols. with a.e.g. Munich: Rösl, 1828. \$1650.00

First edition, and very rare, of the official book of instruction and regulations for the Bavarian cavalry (*chevauleger*). This is a richly illustrated work: the plates depict uniforms of different members of the cavalry; their weapons (swords, lances, and rifles); sword techniques; horse tack including saddles, stirrups, bridles, etc.; the anatomy of the horse and their hooves; and many tactical formations.

Fine and handsome set from the Wittelsbach library of the dukes and kings of Bavaria. Upper cover of Vol. II of text slightly wormed.



THE FIRST SYSTEMATIC BOOK ON MINING & METALLURGY

75] BIRINGUCCIO, VANNUCCIO. *Pirotechnia. Li Diece Libri Della Pirotechnia, Nelli quali si tratta non solo la diversità delle minere, ma ancho quanto si ricerca alla prattica di esse: e di quanto s'appartiene all'arte della fusione ouer getto de metalli, e d'ogni altra cosa à questa somigliante.*

Title within woodcut border & numerous woodcut illus. in the text. 8 p.l., 168 leaves. Small 4to, cont. limp vellum. [Venice: Comin da Trino for C. T. de' Navò], 1558. \$7500.00

Third edition of the first systematic book on mining and metallurgy; according to Cyril Stanley Smith, the second edition of 1550 and our edition are far superior to the first edition of 1540 for in that earlier edition "the type is worn, poorly aligned, and arranged in a solid mass, unrelieved by paragraphing."—Smith & Gnudi, *The Pirotechnia* (1943), pp. xix-xx.

Biringuccio (1480-1539?), after travelling throughout Italy and Germany, inspecting metallurgical operations and running an iron mine and forge at Boccheggiano, was appointed director of the mint at Siena. He later cast cannon and built fortifications for the Este and Farnese families. At the time of his death he was head of the papal foundry and director of papal munitions at Rome.

This work embraces the whole field of technology. It "was written for the practicing metallurgist, foundryman, dyer, type-founder, glass-maker,

and maker of gunpowder, fireworks and chemicals used in warfare."

—Dibner, *Heralds of Science*, 38—(1st ed. of 1540).

"Virtually all of Biringuccio's descriptions are original. He is important in art history for his description of the peculiarly Renaissance arts of casting medallions, statues, statuettes, and bells. His account of typecasting, given in considerable detail, is the earliest known. The *Pirotechnia* contains eighty-three woodcuts, the most useful being those depicting furnaces for distillation, bellows mechanisms, and devices for boring cannon and drawing wire . . .

"The *Pirotechnia* is a prime source on many practical aspects of inorganic chemistry. Biringuccio emphasizes the adaptation of minerals and metals to use — their alloying, working, and especially the art of casting, of which he writes in great detail. In this area he is far better than the two other sixteenth-century authors with whom he is inevitably compared, Georgius Agricola and Lazarus Ercker . . .

"Biringuccio's approach is in strong conflict with that of the alchemists, whose work he evaluates in eleven pages of almost modern criticism, distinguishing their practical achievements from their theoretical motivations . . .

"Biringuccio has been called one of the principal exponents of the experimental method."—*D.S.B.*, II, p. 143.

A fine crisp copy. Old stamp on title very carefully erased, touching one letter.

☛ Brunet, I, 954. Duveen, p. 80. Partington, II, pp. 32-37. Singer, *History of Technology*, III, p. 27 & passim. Wolf, *History of Science*, I, p. 486.

76] BIRINGUCCIO, VANNUCCIO. *Pirotechnia . . . nella quale si tratta non solo della diversità delle minere, ma ancho di quanto; si ricerca alla pratica di esse. E di quanto s'appartiene all'arte della fusione, ò getto, de metalli. Far campane, artiglierie, fuochi artificiatì, & altre diverse cose utilissime. Nuovamente corretta, et ristampata.*

Woodcut device on title & numerous woodcuts in the text. 345, [7] leaves. Small 8vo, cont. vellum (some foxing, dampstain in fore-edge margin of first & last leaves). Venice: P.G. Giglio, 1559. \$4000.00

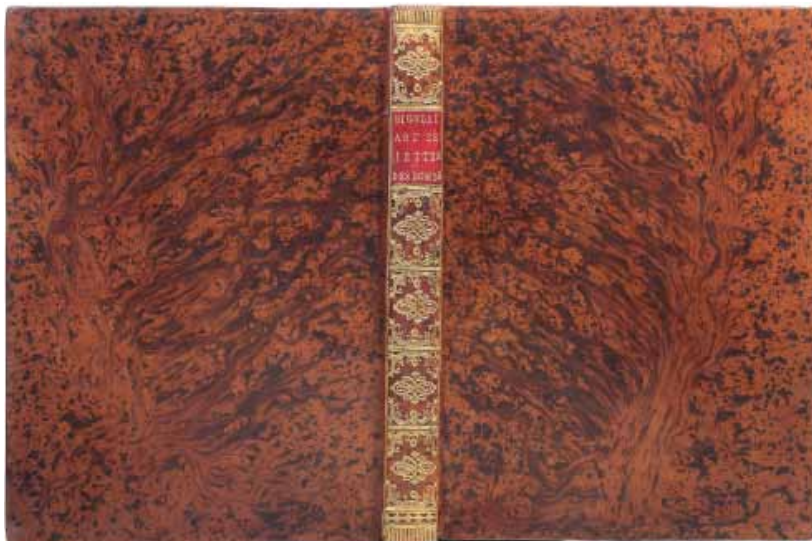
Fourth edition of the first systematic book on mining and metallurgy.

A very good copy. Upper cover of binding a little stained and with a few small holes in the vellum. Early inscription erased from title leaving two tiny holes. Bookplate of Clifton College Science Library.

☛ Brunet, I, 954. Duveen, p. 80. Partington, II, pp. 32-37. Singer, *History of Technology*, III, p. 27 & passim. Wolf, *History of Science*, I, p. 486.

77] BLONDEL, NICHOLAS FRANÇOIS. *L'Art de jeter les Bombes.*

Added engraved title, large engraved vignette on title, engraved headpieces, one engraved plate, & many illus. in the text (some woodcut, some engraved). 4 p.l., 445, [17] pp., one leaf of errata. Large 4to, cont. polished tree calf, spine richly gilt, red morocco lettering piece on spine. Paris: l'Auteur & N. Langlois, 1683. \$4750.00



First edition and a lovely copy from the Macclesfield library. During his infantry service, Blondel had been amazed at the crude methods of the French bombardiers. After having scrutinized all the publications on the subject including those of Galileo and Torricelli, Blondel developed a series of practical rules, explained in the present work. These rules were based on three solutions proposed by Buot, Roemer, and La Hire. "Blondel used the three solutions for establishing the practical rules which he formulated in his *L'Art de jeter les bombes*, the printing of which was delayed until 1683 by order of Louis XIV, who hardly cared to have the enemy profit by it."—*D.S.B.*, II, p. 202.

Blondel (1618-86), military engineer and architect, wrote the standard French work on architecture (1675-83) which remained the definitive reference work for French architects for more than a century.

Very fine copy from the Macclesfield library with embossed stamp on title and the South Library bookplate. Engraved armorial bookplate of Lt. Gen. G.L. Parker, the fourth Earl of Macclesfield.

78] BOCHAT, CHARLES GUILLAUME LOYS DE. *Ouvrages Pour & Contre les Services militaires étrangers, considérés du côté du Droit & de la Morale, tant par rapport aux Souverains qui les autorisent ou les permettent, qu'aux Particuliers qui s'y engagent: Publiés pour mettre le Public en état de juger sainement de l'Usage des Peuples anciens & modernes à cet égard, & en particulier de celui des Suisses.*

Titles printed in red & black. xxii, 177 pp.; 1 p.l., 230 pp.; 1 p.l., 210 pp. Three vols. in two. Small 8vo, cont. polished sheep (three corners a bit worn), spines nicely gilt, contrasting leather lettering pieces on spines. Laussane & Geneva: M.M. Bousquet, 1738. \$1250.00

First edition of this notable work on mercenaries, their rights, and the morality surrounding their engagement. During the 17th and 18th centuries extensive use was made of foreign recruits in European armies and various conventions had to be developed regarding their legal rights and treatment. Much of the text is concerned with Swiss Guards who served a bodyguards, ceremonial guards, and palace guards at foreign courts since the late 15th century.

Bochat (1695-1753), was professor of law and history at Laussane.

Fine set from the Wittelsbach library of the dukes and kings of Bavaria.

☛ N.B.G., Vol. 6, cols. 308-09.

MACHINES OF WAR

79] BOILLOT, JOSEPH. *Modelles Artifices de Feu et divers Instrumens de Guerre avec les Moyens de s'en prevaloir pour assieger battre surprendre et deffendre toutes places. Utiles et necessaires a Tous ceux qui font Profession des Armes.*

Finely engraved title & 90 full-page engravings in the text. 5 p.l., 203 pp. Small folio, orig. semi-stiff vellum (two early marginal repairs to text leaves), ties gone. Chaumont: Q. Marechal, 1598. \$25,000.00

First edition, and a really lovely copy, of this uncommon and finely illustrated book on war machinery. Boillot (b. 1560), was an architect from Langres and military engineer to Henri IV. In his youth, he studied mathematics and drawing and was familiar with all aspects of engraving. Most of the illustrations and engravings in this work are also by the author. This is the first book printed in Chaumont, then and now a small provincial town on the Marne River.

The book deals with the author's own inventions, machines of war, artillery, the manufacture of cannons, the preparation of gunpowder, and pyro-



N 2



technics. Many of the plates illustrate mechanical principles or machinery, very much in the tradition of the other great Renaissance machine books.

Occasional light browning but a fine copy. As in all copies of the first edition, nine pages are left blank for further illustrations. On the free front endpaper is a manuscript recipe written at the time of publication of this book.

☛ Brunet, I, 1064—"volume peu common." Cockle 933.

ONE OF THE MOST DRAMATIC & FAR-REACHING TECHNICAL INVENTIONS OF ALL TIME; "DAS ÄLTESTE REIN TECHNISCHE DEUTSCHGEDRUCKTE BUCH"—HASSENSTEIN

80] BUECHSENMEYSTEREI. *Von Geschoss, Büchsen, Pulver, Salpeter und Feuerwerck. Wie man solich eygentlich zurichten sol. Was dabei einem Büchsenmeyster und Schützen zuwissen nötig.*

Large woodcut on title depicting men loading & charging a cannon (signed "MF"). 24 unnumbered leaves. Small 4to, modern vellum over boards (single small & unimportant wormhole running throughout). Strasbourg: C. Egenolff, 1529. \$27,500.00

First separate edition of the first monograph on gunpowder and its ingredients and methods of manufacturing them. This is an extremely rare book — as are all of the later 16th-century editions — and this is a very fine and fresh copy.

It is still uncertain who actually invented gunpowder, one of the most dramatic and far-reaching technical inventions of all time. All who have examined the text have reached different conclusions regarding its date and

authorship: Jähns dated it ca. 1425 and attributed it to Abraham von Memmingen, master-gunner to Duke Friedrich IV of Austria. Thorndike dated it ca. 1422 (see Vol. V, p. 34) and Hassenstein considered it a work of about 1420 and by Conrad von Schöngau. Partington says "it was pieced together from several sources, no doubt of very different dates."—*History of Greek Fire and Gunpowder* (1960), pp. 152-58.

The treatise begins with a series of twelve questions and answers for a master and pupil in which the theory of the explosion of gunpowder is given. Then follows a description of its materials and remarks on ordinary and special gunpowder, particular guns and methods of shooting, and different incendiary compositions. Great importance is given to the correct proportions of gunpowder's ingredients. The work also contains a formula for blessing a gun.

The anonymous author discusses the heavy demand for saltpetre as an ingredient of gunpowder. He describes how it can be produced on new walls in damp places or in stables or from latrines which have not been used for a long time, and teaches how to purify saltpetre, a process still used in Lavoisier's days. Finally he describes the manufacture of granulated or "corned" powder which was used for handguns and other small arms until the end of the 18th century.

The text was first printed early in 1529 at Augsburg as part of the first German language edition of Flavius Vegetius, *Vier Bücher der Ritterschaft*, and was separately reprinted later in the same year — the present edition — by Christian Egenolff at Strasbourg. Altogether, Egenolff and his heirs issued eight editions of the treatise: in 1529, 1531, 1534, 1550, 1559, 1569, 1582, and 1597.

A fine copy with many lower edges uncut, from the library of Denis Duveen. Calligraphic initial at head of title a little cropped. This is the sort of book which would have been read to death by gunners, fireworks manufacturers, and makers of saltpetre and gunpowder. OCLC locates only one copy in America, at Yale, and that copy lacks the splendid title-page. *See illustration p. 90.*

✠ Hassenstein, *Das Feuerwerkbuch*, (1941), p. 600. Jähns, *Geschichte der Kriegswissenschaften*, I, pp. 392-400 & 591.

"OUVRAGE REMPLI DE RECHERCHES CURIEUSES"—BRUNET

81] DANIEL, GABRIEL. *Histoire de la Milice françoise, et des changemens qui s'y sont faits depuis l'établissement de la Monarchie dans les Gaules, jusqu'à la fin du Regne de Louis le Grand.*

70 engraved plates. 3 p.l., xxxviii, 626 pp.; xx, 770 pp., one leaf of errata, ap-
probation, & privilege. Two vols. Large thick 4to, fine cont. polished tree calf

(head of spine of Vol. I very slightly chipped, minor foxing), spines richly gilt, red morocco lettering pieces on spines. Paris: D. Mariette et al., 1721.

\$2500.00



First edition and a splendid set from the Macclesfield library. Daniel (1649-1728), a Jesuit historian, wrote an extremely successful history of France which first appeared in 1713 and a number of other works of history and commentaries on the writings of Descartes.

This is the standard work on the history of militias in France which had played such an important role in the earlier history of that country. Before 1688, France has three kinds of organized military forces which were not professional in character nor employed full-time: the urban militia, the militia active in the countryside,

and the militia protecting the coast line and borders. By the end of the 17th century, the introduction of firearms began to favor the professional soldier and militias began to lose their effectiveness. Increased fire power — muskets, pistols, and cannons — became the domain of the highly trained professional soldier.

In 1688, François de Louvois, the secretary of war for Louis XIV, created royal militias to serve as auxiliary forces to the professional army. Their roles were partly to find drafts for and partly to augment the regular army.

The plates depict battle formations, weaponry, devices used in sieges, fortified cities, other fortifications, bombs, uniforms of the various militias, etc.

Fine and handsome set from the Macclesfield library with embossed stamp on titles and the North Library bookplate. Engraved armorial bookplate of Lt. Gen. G.L. Parker, the fourth Earl of Macclesfield.

✦ Brunet, II, 487—"Ouvrage rempli de recherches curieuses."

VAUBAN'S OWN COPY

82] DU FAY, —, MONSIEUR L'ABBÉ. *Manière de Fortifier selon la Méthode de Monsieur de Vauban, avec un Traité préliminaire des Principes de Géométrie.*

Woodcut printer's vignette on title, two engraved head-pieces, one folding engraved plate with two images (sometimes divided making two plates), & numerous engravings in the text. 4 p.l., 198, [12] pp. 12mo, cont. red polished morocco, triple gilt fillet round sides, gilt fleurons in each corner, spine nicely gilt, arms in gilt of Sébastien Le Prestre, Seigneur de Vauban on each cover (Olivier, pl. 343), a.e.g. Paris: the Widow of J.B. Coignard & the Son of Coignard, 1693. \$30,000.00

Second edition (1st ed.: 1689), revised, with considerable additions. This is one of the best contemporary explications of Vauban's "first system" of fortification and siegecraft. Vauban (1633-1707), the foremost military engineer of his age, was equally esteemed for his skill in both designing fortifications and breaking through them.

Vauban approved of this work and we find on the final page of the preliminary leaves: "Ce petit Traité de Fortifications ne contient rien qui ne soit conforme à celles qui se pratiquent dans les Places du Roy. Fait à Paris le 2. Mars 1691. Vauban."





A precious copy coming from the library of Vauban himself, with his arms in gilt on upper and lower covers. Engraved armorial bookplate of Jean-Charles de Mesgrigny (1682-1763). Preserved in a box. Light dampstaining to inner lower corner.

83] GRANDMAISON, THOMAS AUGUSTE LE ROY DE. *La Petite Guerre, ou Traite du Service des Troupes legeres en Campagne.*

6 p.l., 202 pp.; 2 p.l., [203]-417, [1] pp., one leaf of errata. Two vols. 12mo, cont. marbled sheep (a little rubbed), spines gilt, red & green leather lettering pieces on spines. N.p.: 1756. \$1350.00

First edition of one of the earliest works to describe the tactics of partisan (or guerrilla) warfare. Grandmaison describes the use of light cavalry and infantry in a war zone. They would operate behind enemy lines to disrupt communications, seize posts or villages as forward-operating bases, ambush convoys, impose war taxes or contributions, raid logistical stockpiles, and compel enemy forces to disperse and protect their own base of operations. The combatants also employed sabotage and hit-and-run tactics to fight the larger and less mobile military.

Major General de Grandmaison served in the cavalry of the Volunteers of Flanders.

Fine copy from the Wittelsbach library of the dukes and kings of Bavaria. There was an English edition published in 1777.

✠ Jähns 2712—"Eine verständige Arbeit, die auch Selbsterlebtes widerspiegelt. Friedrich II legte Wert auf sie."

84] [HEROUVILLE DE CLAYE, ANTOINE DE RICOUART, COMTE D']
& SAXE, MAURICE, COMTE DE. *Memoires sur l'Infanterie, ou, Traité des Legions.*

Three folding printed tables. Title printed in red & black. 96 pp. 8vo, cont. sheep (leather a little wormed), spine richly gilt, red leather lettering piece on spine. The Hague: "Aux Depens de la Compagnie," 1753. \$1350.00

First edition. There is a lack of clarity regarding the authorship of this work. The probable main author is Herouville de Claye (1712-82), French soldier who served in a number of campaigns under Louis XV in Flanders and Germany. He eventually rose to become a lieutenant-general and inspector general of the infantry. He wrote several works on military tactics.

The manuscript of the present work was found in the papers of Maurice, Comte de Saxe (1696-1750), marshal of France and one of the greatest generals of his time. Before his death, Maurice revised Herouville de Claye's text and added a number of comments but left it in manuscript. The early editions bear Saxe's name on the title.

The present book describes Herouville de Claye and Saxe's plan for reorganizing the French army along the lines of the Roman legions.

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

✠ N.B.G., 24, col. 457.

85] HUETZ, JOSEPH & SCHMÖLZL, JOSEPH. *Versuch eines Handbuchs für die königl. bayerische Artillerie.*

12 lithographed plates. xxiv, 650 pp. Thick 12mo, cont. half-sheep & marbled boards, spine gilt. Munich: G. Franz, 1847. \$750.00

First edition and rare. Hütz and Schmölzl were both members of the Bavarian artillery corps. This is a very complete treatise on the art of gunnery. The plates depict strategic placement of cannons and their correct defensive installations.

Nice copy from the Wittelsbach library of the dukes and kings of Bavaria.

86] JENEY, —, MR. DE. *Le Partisan ou, l'Art de faire la Petite-guerre avec succès selon le Génie de nos Jours. Détaillé sur des plans propres à faciliter l'intelligence des Dispositions & des tous les Mouvements nécessaires aux Troupes Légères, pour réussir dans les Marches, leurs Embuscades, leurs Attaques & leurs Rétraites. Avec une Méthode aisée pour Guérir promptement les facheux accidens qui surviennent ordinairement aux Hommes & aux Chevaux durant la Campagne.*

Seven folding engraved plates. Title printed in red & black. 8 p.l., 176 pp., 8 leaves of publisher's ads. Small 8vo, cont. marbled sheep, spine gilt (gilt in lowest compartment abraded), green & red leather lettering pieces on spine. The Hague: H. Constapel, 1759. \$1500.00

First edition of one of the first works to describe the tactics of partisan (or guerrilla) warfare. Jeney was an Hungarian military officer who served in the Prussian Army as a captain of military engineers during the Seven Years' War of 1756-63.

In this work, Jeney describes the use of troops raised from the local population in a war zone who would operate behind enemy lines to disrupt communications, seize posts or villages as forward-operating bases, ambush convoys, impose war taxes or contributions, raid logistical stockpiles, and compel enemy forces to disperse and protect their own base of operations. The combatants also employed sabotage and hit-and-run tactics to fight the larger and less mobile military.

The plates depict plans of attack with routes for a quick retreat.

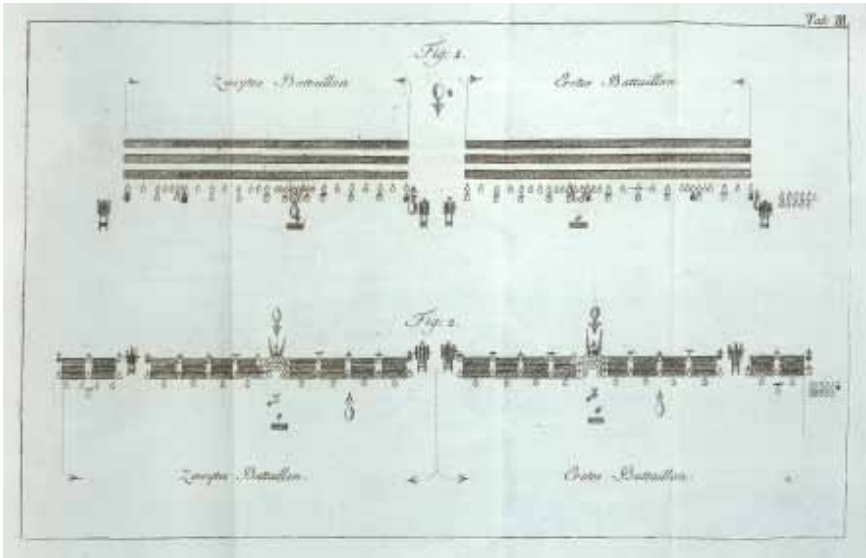
Fine copy from the Wittelsbach library of the dukes and kings of Bavaria.

87] JUSTIN, K.F. VON. *Erster Feldzug der Kaiserlich-königlichen, und Königl. Preussischen, auch Hessen-Casselschen Armeen wider Frankreich vom Jahr 1792. Nebst vorausgesandter Anzeige der Gründe, welche die Höfe von Wien und Berlin zum Kriege wider die französische Nation bewogen haben.*

128 pp. Small 8vo, cont. slick red-orange paper boards, covers decorated in gilt (now oxidized). Regensburg: 1793. \$1350.00

First edition of this account of the first campaign, in 1792, in which the armies of Prussia and Hesse-Kassel participated against France. The beginning of the work contains an explanation of the reasons which caused the courts of Vienna and Berlin to go to war against France.

Fine copy with an A.L.s laid-in from the author presenting this book to the future King Maximilian I of Bavaria. From the Wittelsbach library of the dukes and kings of Bavaria. Rare; no copy in the U.S.



88] KARL THEODOR, PFALZ, KURFÜRST. *Seiner Kurfürstlichen Durchleucht von der Pfalz Kriegs Reglement vor Dero samtliche Infanterie von dem Jahr 1778.*

Added engraved title in first vol. with arms of Karl Theodor & 24 folding engraved plates. 323, [5] pp.; 219, [7] pp.; 151, [9] pp. Three parts in two vols. 8vo, cont. fine sheep, spines richly gilt, red & green morocco lettering pieces on spines. Mannheim: Gedruckt in der Hof- und Akademie-Buchdruckerei, 1778. \$1500.00

First edition of this series of training instructions issued on behalf of Karl Theodor (1724-99), Count Palatine and Duke of Bavaria, for all the infantry under his command. These instructions became the standard throughout much of Germany for many years. The handsome plates depict various formations and maneuvers, designs for encampments, tents, etc.

Very fine and pretty set from the Wittelsbach library of the dukes and kings of Bavaria.

89] [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. orange sheep *maroquiné*, 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 battles range from the 16th century up through the Napoleonic period.

The handsomely engraved plates depict plans and maps of cities and regions.

Fine set from the Wittelsbach library of the dukes and kings of Bavaria. WorldCat locates no copy in the U.S.

90] KOCZICZKA, FRANZ. *Die Winter-Campagne des Graf Schlik'schen Armeekorps 1848-1849.*

Fine lithographed port. of Graf Schlik & one folding lithographed map. 313, [1] pp. 8vo, presentation binding of red velvet, embossed in blind & with gilt arms on each cover, a.e.g. Olmütz: Skarnitzl, 1850. \$950.00

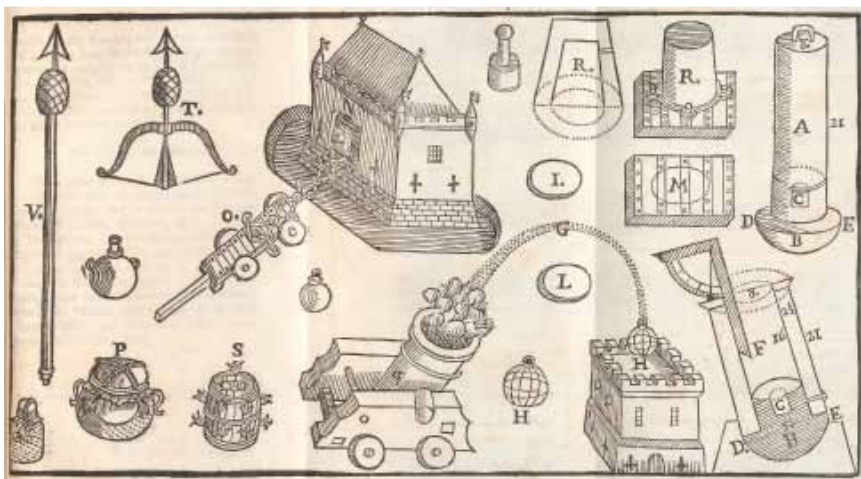


First edition of this eye-witness account by one of the participants of the winter campaign of 1848-49, commanded by Graf Franz Schlik (1789-1862), Austrian general, against the numerically superior revolutionaries in Hungary. In spite of the Hungarians' advantages, Sch-

lik was able to win a number of battles and skirmishes. Schlik was one of the most successful Austrian generals during the Hungarian Revolution of 1848.

Very fine copy in a red velvet presentation binding from the Wittelsbach library of the dukes and kings of Bavaria.

91] MORETTI, TOMASO. *A General Treatise of Artillery: or, Great Ordnance writ in Italian by Tomaso Moretti of Brescia Ingenier first to the Emperour, and now to the most Serene Republick of Venice. Translated into English, with Notes thereupon, and some Additions out of French for Sea-Gunners. By Sir Jonas Moore, Kt. With an Appendix of Artificial Fire-works for War and Delight; by Sir Abraham Dager Kt. Ingenier.*



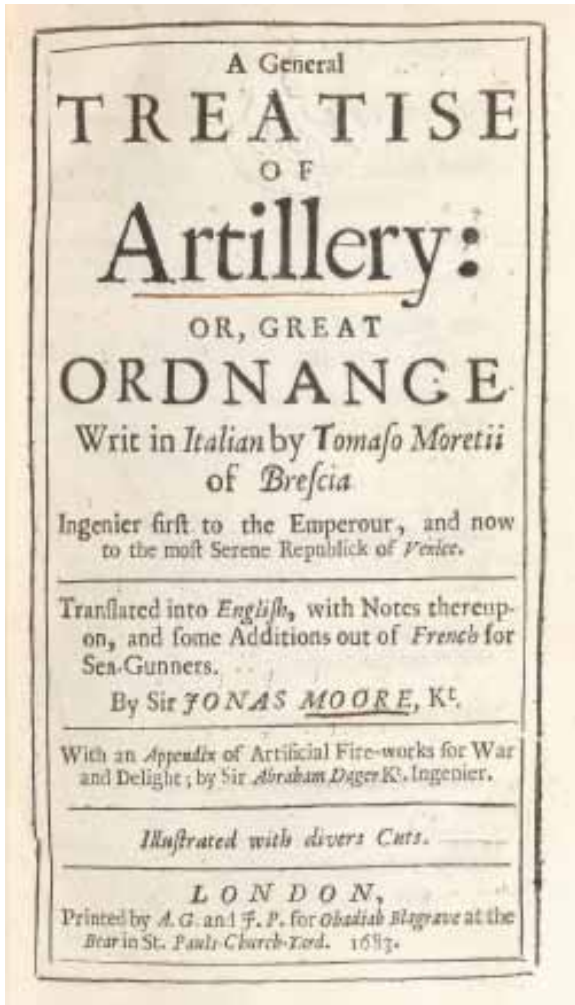
Woodcut frontis., seven folding woodcut plates, & one folding printed table (detached). 6 p.l. (incl. frontis.), 124 pp. 8vo, fine 18th-cent. mottled calf, flat spine gilt, red morocco lettering piece on spine. London: Printed by A.G. and J.P. for Obadiah Blagrove, 1683. \$3500.00

Second edition in English, enlarged (1st ed. in English: 1673) of Moretti's *Trattato dell'Artigliera* (Venice: 1665). The makeup of our edition is complicated — just look at the bibliographical head scratching which takes place in the ESTC entry — and there is tremendous variation in copies. Our copy lacks the two preliminary leaves with dedication to George Wharton and two final advertisement leaves (none of the three Macclesfield copies had the leaves of ads and each had a different collation).

This text was translated by the son of Jonas Moore (1617-79), mathematician and patron of astronomy, who supported John Flamsteed and helped finance the foundation, construction, and equipping of the observatory at Greenwich. Jonas Moore Jr. has made a number of additions and Abraham Dager's appendix appears here for the first time. Dager sought to apply principles used in firework displays to defensive warfare.

Fine copy from the Macclesfield library with the South Library bookplate and embossed stamp.

✦ Philip, *A Bibliography of Firework Books*, p. 99.



92] HAUPT CONSERVATORIUM DER ARMEE, MÜNICH. *Catalog über die im Königlich Bayer'schen Haupt. Conservatorium der Armee befindlichen gedruckten Werke* [with]: *Supplement I, II, III, IV.*

xiv, [2], 422, 59, [1] pp.; 168, 34 pp., one leaf of errata; 190, 54 pp.; 179, 62 pp.; 181, 62 pp. Five vols. 8vo, various bindings (see below), a.e.g. Munich: 1834-44-55-67-77. \$1750.00

A fine and handsomely bound set of the main library catalogue, with four supplements, of the Haupt Conservatorium der Armee in Munich, the chief library and archive of the Bavarian Army. These volumes come from the library of the Kings of Bavaria and are well-bound in a variety of styles, reflecting the changing bookbinding tastes of the 19th century.

The library was founded in 1804 as the archives of the Bavarian Army, with responsibility to collect and preserve all battlefield plans, maps, manuscripts, and books. About 17,000 items are described in the main catalogue (which is in its second edition) and the supplements.

The first volume is bound in fine contemporary half-calf with the crown of the Kings of Bavaria on the spine at the head and in the lower compartment. The first supplement is bound in contemporary green sheep, imitating morocco, with the spine gilt in the romantic style. The second supplement is bound in contemporary blind-stamped cloth. Supplements III and IV are bound in contemporary blind-stamped red morocco, each employing different patterns.

Fine set and scarce from the Wittelsbach library of the dukes and kings of Bavaria.

✂ Schwenke, Adressbuch der Deutschen Bibliotheken, 1105.

93] REICHLIN-MELDEGG, ANTON PHILIPP FRANZ FROBER, FREIHERR VON. *Ueber die Anordnung und das Verhalten der Vorposten, zunächst in Beziehung auf Feldstellungen.*

xvi, 12 leaves of subscribers & contents, 269 pp., one leaf of errata. 8vo, cont. fine marbled sheep, single gilt fillet round sides, flat spine gilt, black morocco lettering piece on spine, a.e.g. Munich: Hübschmann, 1817.

\$1350.00

First edition of this rare — no copy in the U.S. according to WorldCat — strategic work on the deployment of military pickets, or outposts. Pickets consist of detachments of troops stationed at a distance from the main force or formation, usually at a station in a remote or sparsely populated location, positioned to stand guard against unauthorized intrusions and surprise attacks.

This was a popular work which was translated into English in 1827.

Reichlin-Meldegg (1766-1838), a member of a prominent southern German family, served in the Bavarian army, and wrote a number of theoretical works on military strategy.

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

A FINE SET

94] ROBINS, BENJAMIN. *Mathematical Tracts . . . Vol. I containing his New Principles of Gunnery, with several subsequent Discourses on the same Subject, the greatest Part never before printed . . . Vol. II. Containing his Discourse on the Methods of Fluxions, and of Prime and Ultimate Ratios, with other Miscellaneous Pieces.*

Three engraved plates (one folding) & numerous diagrams in the text. xlvii, [2], 341, [3] pp.; 1 p.l., 380 pp. Two vols. 8vo, cont. speckled calf (head of spine of Vol. II with tiny chip), spines gilt, red morocco lettering pieces on spines. London: J. Nourse, 1761. \$3750.00

First edition, edited by Dr. James Wilson. This collection contains Robins' book on gunnery, the polemics on the *vis viva* controversy, other articles read to the Royal Society but until then unpublished, reprints of the published articles, and Wilson's personal comments on the life and character of his old friend.

Robins (1707-51), "is best known as the inventor of the ballistic pendulum. Today the device is used to demonstrate conservation of momentum as well as for the purpose to which Robins put it: to determine the muzzle velocity of bullets . . . Much of his writing was devoted to attacks on Newton's enemies — Leibniz, the Bernoullis, Berkeley and James Jurin. Robins took part in the celebrated *vis viva* controversy, the subject of most of his polemics . . . His other work on ballistics was far from trivial, including studies of the resistance of fluid media to high-speed objects, pressures on projectiles inside a gun barrel, the rifling of barrel pieces, and the shape of actual, as opposed to ideal, trajectories."—*D.S.B.*, XI, pp. 493-94.

Fine set with the engraved armorial bookplates of Hans Sloane, Esq.

✦ Roberts & Trent, Bibliotheca Mechanica, pp. 279-80. Sotheran, I, 4043—"Very rare."

CLASSIC FRENCH WORK ON ARTILLERY

95] SAINT REMY, PIERRE SURIREY DE. *Memoires d'Artillerie.*

Finely engraved allegorical frontis. incorporating a port. of Louis Auguste de Bourbon, the dedicatee, 179 engraved plates (many folding), & six fold-

ing engraved tables. Engraved arms on titles & several engraved headpieces. 10 p.l., 348 pp.; 3 p.l., 386 pp. Two vols. Large 4to, cont. fine red sheep, gilt fillet round sides, spines gilt, contrasting vellum lettering pieces on spines, a.e.g. Paris: J. Anisson, 1697. \$6500.00

First edition of the classic French work of the period on artillery, which served several generations of artillery officers, including the young Napoleon. This richly illustrated work went through several later French editions (1702, 1741, 1745) and was translated into Russian (1732-33). Portions were translated into English in 1756. The plates were mainly executed by P. le Pautre after E. Fourier.

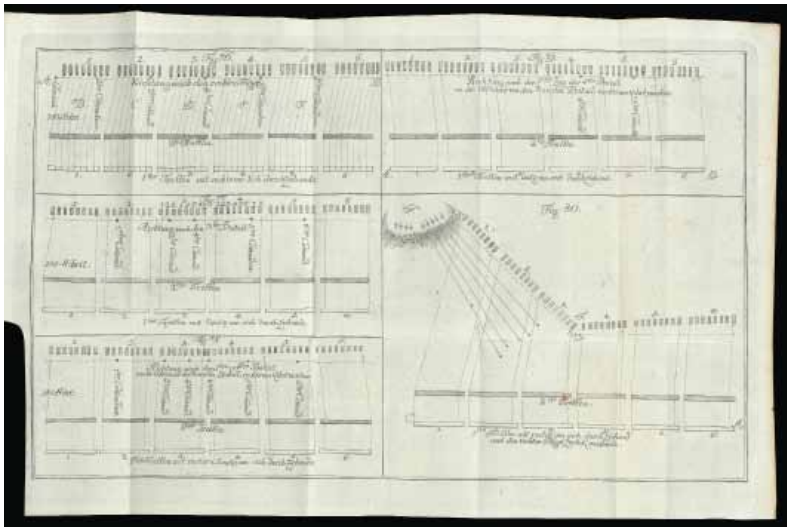
Saint-Remy (ca. 1650-1716), was one of the chief artillery officers of the French army. In this comprehensive work, the author describes the manufacture of cannons of various sizes and types, the production of gunpowder and cannonballs, techniques of mounting cannon on carriages and on ships, proper organization and distribution of matériel for the batteries, proper positioning of the guns, ranging, tactics, attack, defense, etc., etc.

The fine plates depict cannons and cannonballs, forges, carriages, methods of destroying mines and underground tunnels.

A very fine and handsome set. Armorial bookplate of Comte du Keller.

"SALDERN-TACTICS"

96] [SALDERN, FRIEDRICH CHRISTOPH VON]. *Taktische Grundsätze und Anweisung zu militärischen Evolution.*

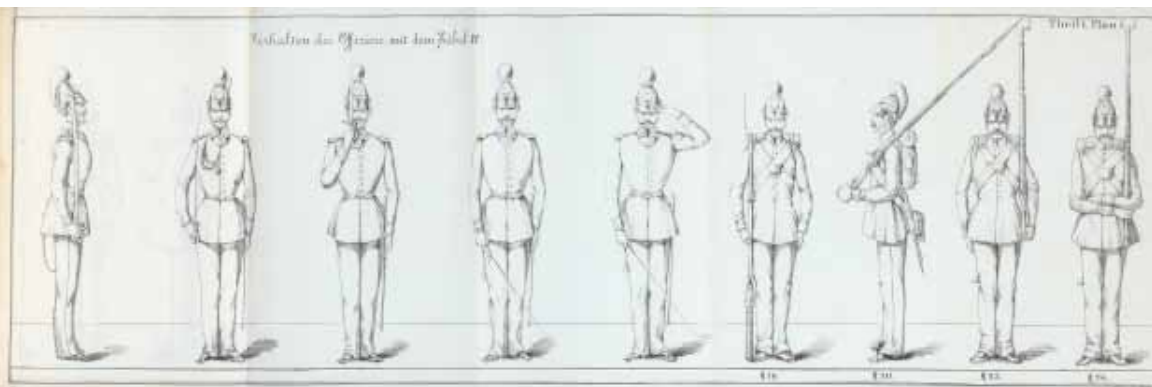


Von der Hand eines berühmten Generals. Engraved vignette on title & 13 folding engraved plates. 6 p.l., 260 pp. 8vo, cont. marbled half-sheep & paste-paper boards, spine richly gilt, contrasting leather lettering pieces on spine. Frankfurt & Leipzig: 1781. \$1500.00

First edition of this important work. Saldern (1719-85), Prussian soldier and military writer, was one of Frederick the Great's leading generals. Upon retirement, he wrote a series of books on military tactics which had a wide influence in Germany and England.

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

☛ Jähns 2529—"Man hat zuweilen die ganze Infanterietaktik der fridericianischen Spätzeit kurzweg als 'Saldernsche Taktik' bezeichnet."



97] STEURER, GOTTHARD. [From the upper cover]: *Pläne zum Waffen-Unterricht der K. B. Infanterie. Entw. u. gezeichnet von Steurer Oberlieutenant.*

32 folding lithographed plates. 12mo, orig. green cloth, stamped in blind & gilt. N.p.: n.d. [but probably Munich: ca. 1855-65]. \$950.00

First edition and a very fine and fresh copy. The attractive plates depict soldiers in various standing positions (at attention, loading a gun, preparing to shoot, etc.), proper formations for parades, marching, preparing for attack, defensive positions, etc.

Fine copy from the Wittelsbach library of the dukes and kings of Bavaria. This seems to be a rare book with no copy in WorldCat.

98] (3. CHEVAULEGERS-REGIMENTS). *Catalog der Bibliothek des K.B. 3. Chevaulegers-Regiments (Herzog Maximilian).*

68 pp. 8vo, orig. crushed red morocco, sides panelled in gilt & blind, ara-

besque designs stamped in black in center & corners, a.e.g. Dillingen: Druck der Kränzle'schen Buchdruckerei, 1857. \$1500.00

A very pretty copy of what appears to be the first catalogue of the library of the Royal Bavarian Third Cavalry Regiment, founded in 1724. Arranged by subject (mathematics, tactics and strategy, geography, history of war, veterinary medicine, etc.), the catalogue lists about 1250 books and many maps.

From the Wittelsbach library of the dukes and kings of Bavaria. Very rare.

VALTURIO'S FAMOUS ILLUSTRATED MILITARY TREATISE

99] VALTURIUS, ROBERTUS. *De Re Militari. Opera de Facti e Praecepti Militari.*

Trans. by Paolo Ramusio. 313 leaves (of 314), lacking final blank, otherwise complete, including blank leaves *1 and a1. 37 lines & headline, Roman type. Numerous initials in various sizes supplied in red and blue. 96 fine woodcut illustrations. Folio (310 x 208 mm.), cont. Italian blind-tooled brown calf over wooden boards (upper cover a little defective, crack in the wood of one board repaired), compartments of spine decorated with floral stamps, covers with floral and geometrical borders, metal bosses with engraved flowers in the corners, paper label on spine "L'Arte Militare del Ramusio." Verona: Boninus de Boninis, 17 February 1483. \$330,000.00

First edition in Italian and a fine and large copy of this handsomely illustrated book on the art of war which contains the earliest technical illustrations in a printed book. The first edition, issued in 1472 in Latin, contained only 95 woodcuts.

"Roberto Valturio, a native of Rimini, after having been Apostolic Secretary in Rome, became technical adviser and engineer to Sigismondo Malatesta, Lord of Rimini. He composed his book 'On Military Matters' about 1460. After wide circulation in manuscript, it was printed in 1472 . . .

"The historical importance of the *De Re Militari* lies in the fact that it is the first book printed with illustrations of a technical or scientific character depicting the progressive engineering ideas of the author's own time. The woodcuts illustrate the equipment necessary for the military and naval engineer; they include revolving gun turrets, platforms and ladders for sieges, paddle-wheels, a diver's suit, a lifebelt, something resembling a tank, pontoon and other bridges, a completely closed boat that could be half submerged, etc. . . . The Verona Valturius and its reprints were the handbooks of the military leaders of the Renaissance, and Leonardo da Vinci, when acting as chief engineer to Cesare Borgia, possessed a copy and borrowed some of its designs."—*Printing & the Mind of Man* 10—(1st ed. of 1472).

This is one of the rare copies which contains the additional six unsigned





leaves at the beginning (the first is a blank) with a dedicatory letter from Ramusio to Roberto de Aragonia.

The printer Bonino de Boninis (1454-1528), a cleric from Ragusa (today Croatia), had worked at Venice in 1479 with Andreas de Paltasichis, from whom he acquired his typographic knowledge. During his stay in Verona, from 1481 to 1483, Bonino printed not less than seven editions, the Italian Valturius being the last. Afterwards, he moved to Brescia, where he produced another ca. 35 editions, mainly of humanist and legal texts, before he finished his career as a bookseller and publisher in Lyon.

PROVENANCE:

1. The first two end leaves contain notes and ownership inscriptions in ink by a 16th-century Italian hand, verse of Ariosto (Orl. fur., 1516-1532, XXXIII, 44), and a table of contents (in another hand); on the last flyleaf and pastedown are several pen trials and two grotesque drawings of the same time, in dark ink. The excerpted verse from Ariosto are the following: "Ecco, mal grado de la lega, prende / Milano, e accorda il giovane Sforzesco. / Ecco

Borbon che la città difende / pel re di Francia dal furor tedesco. / Eccovi poi, che mentre altrove attende / ad altre magne imprese il re Francesco, / né sa quanta superbia e crudeltade / usino i suoi, gli è tolta la cittade.”

2. The copy belonged to Ladislao Reti, with his bookplate on pastedown. Reti (1901-73), was an Italian chemist, industrialist, scholar, and a great expert on Leonardo da Vinci.

A fine and large copy with wide margins. An additional quire of five leaves bound in at the front, first leaf with manuscript index up to fol. 173. Some slight staining, marginal tears at leaves e1 and r3, some worming to covers and first and last few leaves.

✦ Dibner, *Heralds of Science*, 172–(1st ed.). Goff V-90. Klebs 1015.1.

100] VEGETIUS RENATUS, FLAVIUS. *Des Flavius Vegetius Renatus fünf Bücher über Kriegswissenschaft und Kriegskunst der Römer.*

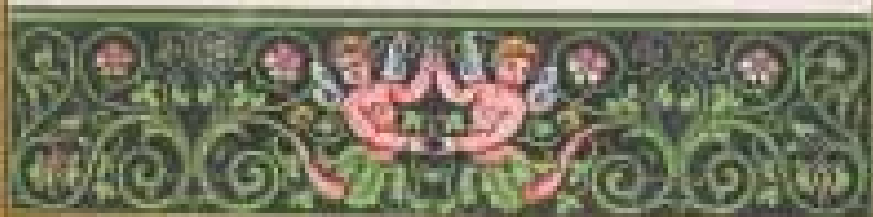
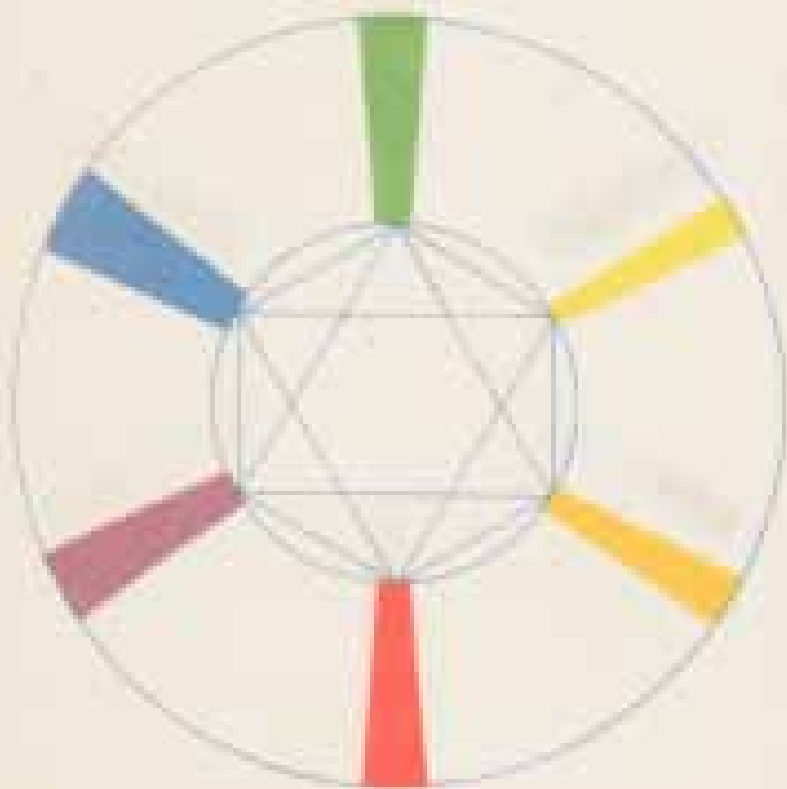
Aus dem lateinischen Urtexte in das Deutsche übersetzt und mit erläuternden, meistens aus römischen Classikern entnommenen Anmerkungen begleitet und versehen von Felix Joseph Lipowsky. xvi, 320 pp. 8vo, cont. red sheep *maroquiné* (upper cover a little rubbed & soiled), quadruple gilt fillets round sides with gilt fleurons in each corner, flat spine richly gilt, a.e.g. Sulzbach: J.E. von Seidel, 1827. \$1500.00

First edition of this translation and critical edition of Vegetius' great treatise on warfare *De Re Militari*, the most widely-read classical military text of the Middle Ages. It formed the basis of the education of nearly every aristocratic military commander in Europe and was for many centuries the most popular source of information on the preparation and conduct of warfare. It was originally composed in the fourth century as a guide to the training and organization of the Roman legions.

Lipowsky (1764-1842), was a Bavarian diplomat, lawyer, historian, and chief archivist of Bavaria.

Fine copy from the Wittelsbach library of the dukes and kings of Bavaria. With a presentation letter from Lipowsky to the Duke of Bavaria. Rare; WorldCat locates no copy in America.

CERCLE CHROMATIQUE



IV· Paper

101] BARRETT, TIMOTHY. *Nagashizuki. The Japanese Craft of Hand Papermaking.*

24 illus. & 14 samples. Large 8vo, orig. red morocco spine & decorated Japanese paper sides, spine lettered in gilt. North Hills: Bird & Bull Press, 1979.

\$450.00

Limited to 300 copies, composed in Van Dijkstra types and printed on paper handmade at the press. The text presents the most detailed description of the Japanese hand papermaking technique yet published. One of the finest books from this press and immediately sold out.

Fine copy.

102] EASTON, PHOEBE JANE. *Marbling. A History and a Bibliography.*

Tipped-in samples, color photographs, & illus. in the text. Large 4to, orig. cloth. Los Angeles: Dawson's Book Shop, 1983.

\$200.00

Limited to 850 numbered copies. Fine.

"THE AUTHOR'S FIRST MAJOR WORK"

103] HUNTER, DARD. *Old Papermaking.*

Twenty-five plates (many folding), nine specimens of paper, & numerous figures in the text. Large 4to, orig. boards. [Chillicothe: The Mountain Press], 1923.

\$5000.00

Limited to 200 numbered copies, signed by the author. The first Mountain House Press book, printed in the type made by Hunter for this book on paper supplied by J. Barcham Green and made on Hunter's own moulds. Hunter's first book on papermaking history contains chapters on watermarks, with a survey of early American watermarks and specimens of Hunter's light-and-shade watermarked paper, bearing his profile and name.

Fine copy from The Garden Library of Haven O'More with his bookplate. The spine and corners are wonderfully white and clean (the binding usually suffers from soiling). Three of the paper samples at end are loose due to the drying out of the glue used by Hunter (actually they are easier to handle).

✦ Schlosser 32—"The author's first major work."

ONE OF HUNTER'S GREATEST BOOKS

104] HUNTER, DARD. *The Literature of Papermaking 1390-1800.*

26 facsimiles of title-pages mounted in the text & numerous illus. of watermarks, etc. Large folio, orig. half-linen & board portfolio with ties, text loose as issued in signatures. [Chillicothe: 1925]. \$3950.00

Limited to 190 copies, printed on Hunter's own handmade paper, signed by him, and printed by him from his own types. "One of the few major bibliographies devoted to this subject, this work enumerates seventy-two papermaking books or references."—Schlosser 33. All the title-page facsimiles were printed on paper as nearly like the original as possible. Hunter's annotations are quite extensive and informative.

Very fine copy from The Garden Library of Haven O'More with bookplate. Preserved in a morocco-backed box. With two typed notes from Hunter, on his quite wonderful stationery with his watermark portrait, both made of handmade paper, signed, soliciting sales for forthcoming books.

105] HUNTER, DARD. *Primitive Papermaking. An Account of a Mexican Sojourn and of a Voyage to the Pacific Islands in Search of Information, Implements, and Specimens relating to the Making & Decorating of Bark-Paper.*

Frontis. after a print of the Mountain House, numerous tipped-in samples of bark paper, plain and decorated, tipped-in photographs, & many illus. in the text. Folio, loose in signatures as issued and in the orig. portfolio of linen & boards, printed paper label on upper cover, orig. ties. Chillicothe: The Mountain House Press, 1927. \$6000.00

Limited to 200 numbered copies, signed and numbered by Hunter. This is one of Hunter's scarcest and most desirable books.

Fine copy. A duplicate from The Library of Congress, with their bookplate (and release markings on the bookplate), tiny perforation stamp at foot of title, and rubber stamp on verso.

106] HUNTER, DARD. *A Papermaking Pilgrimage to Japan, Korea and China.*

Fifty paper specimens, many photographic illus. on plates, & drawings in the text. Large 4to, orig. black morocco-backed paper-decorated boards, spine gilt. New York: Pynson Printers, 1936. \$3500.00

Limited to 370 numbered copies, signed by Hunter and the publisher, Elmer Adler, and printed on fine paper.

Fine copy, preserved in the original slipcase (which is a tiny bit worn).
Bookplate of the John I. Perkins Collection, Scripps College Library (no
other library markings).

"ONE OF HUNTER'S MOST FASCINATING & RARE WORKS"—SCHLOSSER

107] HUNTER, DARD. *Chinese Ceremonial Paper. A Monograph
relating to the Fabrication of Paper and Tin Foil and the Use of Paper
in Chinese Rites and Religious Ceremonies.*

Fifty paper specimens, collotype frontis., eight collotype illus., & two block
prints with photos of the blocks that made them. Large 4to, orig. orange-
backed decorated boards, spine gilt. Chillicothe: Mountain House Press,
1937. \$6000.00

Limited to 125 numbered copies, signed by the author and printed on
paper handmade from the inner bark of the mulberry tree by Hunter
while in Asia. The specimens, many of which are folding, are in excellent
condition. The paper specimens were collected by Hunter during his jour-
neys in China "as well as in Indo-China, Java, Sumatra, Siam, Malay Penin-
sula, and other Asiatic countries where the Chinese have emigrated" and
include mock-money, both ancient and contemporary; ornamental burn-
ing envelopes and trays; and examples of paper gods.

Very fine copy in original slipcase. With prospectus.

108] HUNTER, DARD. *Papermaking by Hand in India.*

27 specimens & many photographically illus. plates. Large 4to, orig. black
calf-backed decorated cloth sides, spine lettered in gilt. New York: Pynson
Printers, 1939. \$3500.00

Limited to 370 numbered copies, signed by Hunter and the publisher,
Elmer Adler. Printed on fine paper.

A fine copy, preserved in the original slipcase. With the prospectus. Neat
presentation inscription from Hunter, dated 27 September 1951, on free
front-endpaper.

✦ Schlosser 39.

109] HUNTER, DARD. *Papermaking in Indo-China.*

Two paper specimens & 16 photographic illus. in the text. Small folio, orig.
red morocco-decorated boards, spine lettered in gilt. [Chillicothe: Moun-
tain House Press], 1947. \$3500.00

Limited to 182 numbered copies, signed by Hunter, and hand-printed on
handmade paper.

Fine copy with slipcase. Bookplate of the Brooklyn Public Library (but with no other markings).

✂ Schlosser 40—"Hunter's first postwar book, and a return to the use of his paper and his press."

"HIS MAGNUM OPUS" & "A TOUR DE FORCE"

110] HUNTER, DARD. *Papermaking by Hand in America*.

Colored frontis. and over 150 tipped-in illus., facsimiles of paper specimens and ream wrappers, and photographic illus. Large folio, orig. cloth-backed decorated paper boards, printed paper label on spine. Chillicothe: Mountain House Press, 1950. \$10,000.00

Limited to 210 (? see below) numbered copies, signed by Hunter who, for this book, made his own paper, type, and ink, and set all the type himself. "The most authoritative history of early American papermaking is Dard Hunter's sumptuous, large folio *Papermaking by Hand in America*, a *tour de force* on one-man bookmaking, set by the author in a handcut type and hand-printed on handmade paper manufactured at the author's own mill . . . Hunter spared no expense to record and evoke the paper mills of the preindustrial era."—Bidwell, "Paper as evidence, artefact, and commodity" in *The Book Encompassed. Studies in Twentieth-Century Bibliography* (1992, ed. by Peter Davison), pp. 75-76.

A fine copy preserved in the original red morocco-backed box.

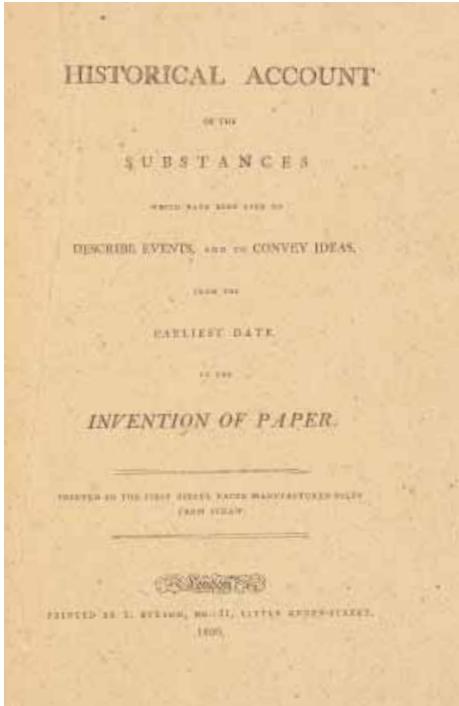
✂ Schlosser 41—"The last work of the Mountain House Press and the author's magnum opus, this book provides a history of American papermaking by listing and describing the first paper mill in each state from 1690 until 1811, six years prior to the introduction of the first paper machine into the United States. There are in the book 123 facsimiles of documents and watermarks and forty-two reproductions of labels used by these early paper manufacturers. The thick folio volume was to have been issued in an edition of 210 copies, but the author's own bibliography says that only 180 were completed. The book is printed on Dard Hunter's paper."

PRINTED ON STRAW & WOOD; FRANCIS FREELING'S COPY

111] [KOOFS, MATTHIAS]. *Historical Account of the Substances which have been used to Describe Events and to Convey Ideas from the Earliest Date to the Invention of Paper. Printed on the First Useful Paper manufactured soley from Straw*.

91 pp. Small folio, orig. edition binding of straight-grained blue morocco (joints a little rubbed), spine stamped in blind. [London]: T. Burton, 1800. \$9500.00

First edition, and a very fine copy in the original edition binding of blue straight-grained morocco, of this classic work on the search for new mate-



rials to manufacture paper. This copy has been signed by Koops at the bottom of the dedication leaf.

At the same time as the first papermaking machines, invented in France, were being built in England, Koops was experimenting with the use of straw and wood for papermaking in Bermondsey. He succeeded in the first, large-scale, commercial production of paper made from straw and wood. Koops was given permission by the King to be the only distributor of paper made from alternative paper sources in the hope that he could help solve England's paper crisis; however, the times were not right for this early attempt at recycling and Koops went bankrupt.

The book describes ancient equivalents of paper, methods that had been tried over the ages to find paper which would withstand the attack of insects, data on French exports of paper into England, and commentary on Koops' attempts to produce paper from sources other than rags.

"Not much is known of Koops, but his work as a experimenter with new papermaking materials at the dawn of the Industrial Revolution is justly famous. He writes of the work of Schäffer, Guettard, de Lisle, Seba, and Senger in the search for new materials, and spends much time discussing the use of conferva for papermaking fibers although emphasizing the availability of straw."—Schlosser, *An Exhibition of Books on Papermaking*, 21.

Fine copy. The two preliminary and two terminal endpapers are also made from wood. With the signature in pencil of Sir Francis Freeling, secretary of the Post Office and an original member of the Roxburghe Club. Armorial bookplate of Joseph Neeld (1754-1828), and the modern bookplate of A.R.A. Hobson.

✦ Hunter, *The Literature of Papermaking*, pp. 47-48.

112] KUME, YASUO. *Tesuki Washi Shuho. Fine Handmade Papers of Japan.*

207 original samples of Japanese handmade papers & illus. in the text. Three vols. 4to, orig. semi-stiff wrappers made of handmade paper, orig. printed labels on upper covers, stitched as issued & protected in a folding chemise with wooden Japanese-style clasps. Tokyo: Yushodo, 1980.

\$2250.00

The "International Limited Edition," one of 200 sets, comprising one volume of text in both English and Japanese and two volumes of contemporary handmade paper samples produced in Japan. A most useful and beautiful book, with historical text, accounts of the individual paper makers (with their names and addresses), etc.

Fine set in its original cardboard box.

113] MCCLURE, FLOYD ALONZO. *Chinese Handmade Paper.*

With a Preface by Elaine Koretsky. Forty samples of Chinese papers collected by McClure in the 1930s tipped-in. Illustrations & photographs in the text. Large 4to, orig. morocco-backed boards. Newton: Bird & Bull Press, 1986.

\$450.00

Limited to 325 numbered copies, printed on mouldmade Hahnemühle paper. A remarkable account of papermaking in China, illustrated with numerous photographs taken by McClure during his expedition.

Fine copy.

114] MORRIS, HENRY, COMPILER & EDITOR. *The Paper Maker. A Survey of Lesser-Known Hand Paper Mills in Europe and North America.*

Numerous samples of paper from the various mills. Illus. Small folio, orig. morocco-backed paste-paper boards. North Hills: Bird & Bull Press, 1974.

\$1350.00

Limited to 175 numbered copies, printed with Centaur and Goudy No. 38 types on paper made at the Press and bound by Fritz and Trudi Eberhardt. This is one of Morris' greatest achievements. Mills described include those in Canada, Czechoslovakia, Denmark, Egypt, Finland, France, Italy, and Poland as well as a number in the United States.

The second part of this book contains a history of the noted journal *The Paper Maker*, along with a selective index to it.

Fine copy of a very scarce and important book. Prospectus laid-in.

115] MORRIS, HENRY. *Japonica. The Study and Appreciation of the Art of Japanese Paper.*

Specimens of Japanese screen papers, tipped-in swatches of decorated papers, & illus. in the text. 8vo, orig. black morocco-backed Japanese patterned paper boards. North Hills: Bird & Bull Press, 1981.

\$400.00

Limited to 250 numbered copies, printed on Frankfurt paper. A beautifully made book containing a stunning array of sample papers. Fine copy.

A PAPER & PRINTING TOUR-DE-FORCE

116] ROCHAS D'AIGLUN, ALBERT DE. *Le Livre de Demain.*

Two chromolithographs, four etchings, four illus. of the chromatic circle on two plates, six full-page silhouettes, two photolithographs, two leaves of limitation & colophon, & eleven tipped-in paper samples. Printed on 44 different kinds of paper & in many colors. Two parts in one vol. 8vo, orig. printed wrappers bound-in orig. *citron* morocco signed by Canapé-Beltz; covers panelled in gilt with red, green, & blue morocco inlays; spine divided into six compartments, five with red & black inlays, dentelles gilt with red morocco inlays, a.e.g. [Blois: R. Marchand, 1884]. \$12,500.00

First edition, and a magnificently bound copy of this tour-de-force of book- and papermaking, limited to 250 numbered copies, signed by the author and the publisher. Originally issued in separate fascicles, this is a remarkable, complex, and beautiful book, printed on 44 different kinds of paper and employing complex combinations of color and printing techniques. The book was issued to demonstrate the newest techniques of printing and styles of book design.

The first three sections contain essays on the history of paper, ink, and the use of color in printing. This third part is particularly dazzling as each typographical border of every page has been printed using different color combinations to demonstrate the contrasts and harmonies of combining colors. The second part — “Applications” — is printed on various kinds of tinted paper (mostly coming from various named French mills but including a few Dutch and English mills), all printed and decorated employing flamboyant combinations of types and ink colors. Eleven original samples of rare papers, from ancient papyrus to modern Japanese, are tipped-in at end.

Rochas d'Aiglun (1837-1914), was a leading French parapsychologist, historian, translator, writer, military engineer, and administrator. He wrote important works on military engineering history, ancient technology, hydraulic organs, water clocks, ancient surveying instruments, temple machinery, Greek artillery, and ancient railways.



This copy contains a presentation inscription from Rochas to Gaston Tissandier (1843-99), the French chemist, meteorologist, aviator, and editor, on the added portrait of Rochas. This portrait has been especially inserted and is not present in most copies.

Very fine copy preserved in the original *chemise* and slipcase. *See illustration p. 118.*

117] SCHMOLLER, HANS. *Mr. Gladstone's Washi. A Survey of Reports on the Manufacture of Paper in Japan. The Parkes Report of 1871.*

Three folding plates, full-page color reproductions of 20 Japanese water-colors depicting papermaking, facsimiles on Japanese paper of 30 wood-cut illus., & a separate suite of color plates in a portfolio. Large 8vo, orig. red morocco-backed boards, gilt, morocco spine label, slipcase. Newtown: Bird & Bull Press, 1984. \$350.00

Limited to 500 numbered copies printed on mouldmade Hahnemühle paper in Van Dijk types. In the late 1860s, at the behest of Prime Minister Gladstone, Sir Harry Parkes traveled to Japan to assemble information on the art of Japanese papermaking. His report, together with a vast collection of handmade Japanese paper, was shipped to England in 1871 and subsequently forgotten until its rediscovery by Hans Schmoller in the Victoria and Albert Museum. The entire text of the *Parkes Report* is here reproduced in facsimile, supplemented by Schmoller's account of his discovery, a biographical sketch of Parkes, and a historical survey of the impact of Japanese paper on the West.

Fine copy of a fascinating narrative of bibliographical detection.

118] SCHMOLLER, HANS, SCHMOLLER, TANYA, & MORRIS, HENRY. *Chinese Decorated Papers. Chinoiserie for Three.*

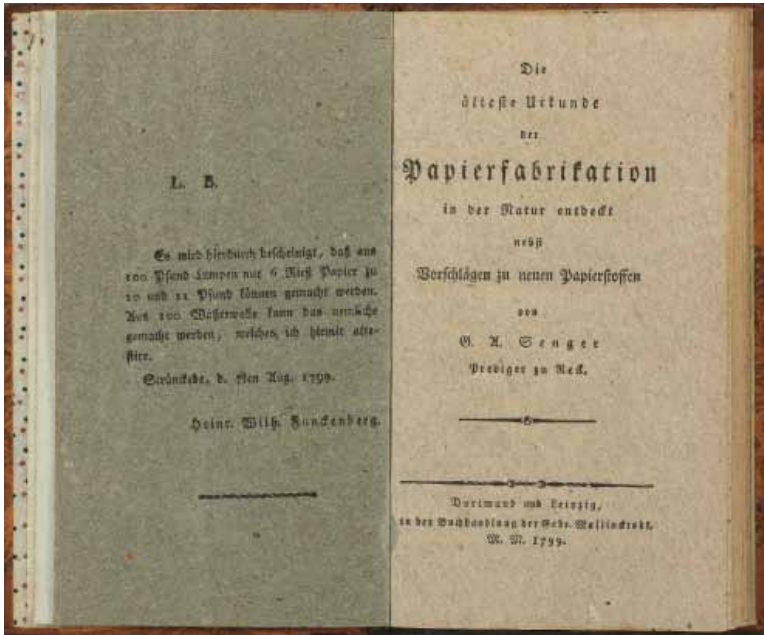
24 paper samples & illus. in the text. Oblong 8vo, orig. morocco-backed decorated boards, spine gilt with a contrasting morocco lettering piece. Newton: Bird & Bull Press, 1987. \$350.00

Limited to 325 numbered copies, printed on mouldmade Hahnemühle paper. Prospectus laid-in. Fine copy.

"AN EXCEEDINGLY RARE BOOK" -HUNTER;
PRINTED ON PAPER MADE FROM CONFERVA

119] SENGER, GERHARD ANTON. *Die älteste Urkunde der Papierfabrikation in der Natur entdeckt nebst Vorschlägen zu neuen Papierstoffen . . .*

x, [11]-96 pp. Small 8vo, orig. printed wrappers bound in cont. half-sheep & marbled boards, flat spine gilt, black leather lettering piece on spine. Dortmund & Leipzig: G. Mallinckrodt, 1799. \$12,500.00



First edition. "An exceedingly rare book of ninety-six pages relating to the oldest record of papermaking discovered in nature, with proposals for new materials for making paper. The essay is printed on paper fabricated from *conferva*, a water plant, called by Senger water wool. He states that water wool, or river paper, was the oldest form of papermaking in nature. This material he termed a coralline product, being the web of water insects, seed capsules, or insects' eggs. Senger discusses the probability of sufficient *conferva* being found as a substitute for rags in papermaking."—Hunter, *Literature of Papermaking*, pp. 46-47.

Conferva, according to the *O.E.D.*, is a genus of plants consisting of certain fresh water green algae, composed of unbranched many-celled filaments.

Fine copy and pretty copy. This is a truly rare book: Leonard Schlosser, the greatest collector of the 20th century of books on the history of paper, never acquired a copy. His collection is now at the NYPL and several years ago we were able to furnish a copy, thereby filling a conspicuous gap.

✎ Not in Schlosser's *An Exhibition of Books on Papermaking* (Phila.: 1968).

120] SUMNER, JAMES. *The Mysterious Marbler.*

With an Historical Introduction, Notes . . . Eleven orig. marbled samples. 8vo, blue morocco-backed marbled boards, spine gilt. North Hills: Bird & Bull Press, 1976. \$300.00

Limited to 250 numbered copies printed on Hodgkinson B&B hand made paper. The marbled samples and cover papers were made by Wolfe. Fine copy.

121] WEIMANN, CHRISTOPHER. *Marbled Papers. Being a Collection of Twenty-Two Contemporary Hand-Marbled Papers, showing a Variety of Patterns and Special Techniques.*

22 marbled paper samples tipped-in. Large 4to, orig. half-morocco & boards. Los Angeles: [Printed by the Bird & Bull Press for] Dawson's Book Shop, 1978. \$600.00

Limited to 200 copies printed on Ingres-Büttenpapier and signed by the author. Fine copy.

122] WEISSE, FRANZ. *The Art of Marbling.*

Translated from the German with an Introduction and fourteen original Marbled Specimens. By Richard J. Wolfe. Photographic illus. in the text. Large 4to, orig. black morocco-backed marbled boards, spine lettered in gilt. North Hills: Bird & Bull Press, 1980. \$375.00

Limited to 300 numbered copies printed on Green's handmade B&B paper. This manual, by one of the great German marblers and teachers, was originally published in 1940. It is an excellent overall study of the craft and contains the most detailed and comprehensive text written on the fantasy type of marbling. It also includes a discussion of "overmarbling" paper. The bulk of the first edition was destroyed by Allied bombing and, hence, very difficult to find.

Fine copy.

123] WOLFE, RICHARD J. *On Improvements in Marbling the Edges of Books and Paper. A Nineteenth Century Marbling Account explained and illustrated.*

Fourteen original marbled samples. Small oblong 8vo, orig. blue morocco-backed marbled boards, spine gilt. Newtown: Bird & Bull Press, 1983. \$275.00

Limited to 350 numbered copies printed on Hahnemühle mouldmade

paper. This 1829 account, reprinted here, constituted the largest amount of information published on the subject of marbling in America up to that time.

Fine. With the original prospectus.

124] WOLFE, RICHARD J. *Three Early French Essays on Paper Marbling 1642-1765*.

With an Introduction and thirteen original Marbled Samples. 8vo, orig. morocco-backed marbled boards. Newtown: Bird & Bull Press, 1987.

\$300.00

Limited to 310 numbered copies, printed on dampened handmade Umbria paper. The three texts are "For the Making of Marbled Paper, Called Turkish Paper," from an unpublished manuscript, Lyon, 1642; "The Best Method of Making Marbled Paper," first published in the *Journal Oeconomique*, 1758; and "The Marbler of Paper," from Diderot's *Encyclopédie*, 1765.

Fine copy.

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