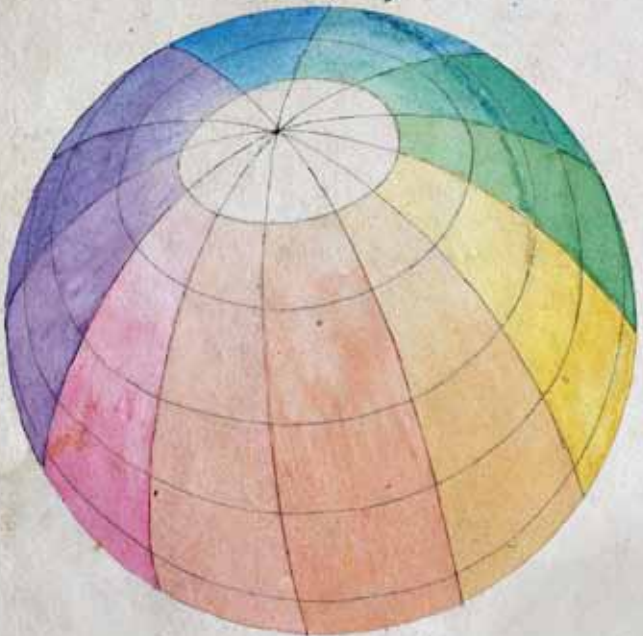


45th California International
Antiquarian Book Fair
Pasadena
February 2012

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Ansicht des weißen Pols.



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But we really would be delighted if you find time to
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An appetizer what to expect there.



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45th California International Book Fair
February 2012, 10th-12th
Pasadena Convention Center
300 East Green Street
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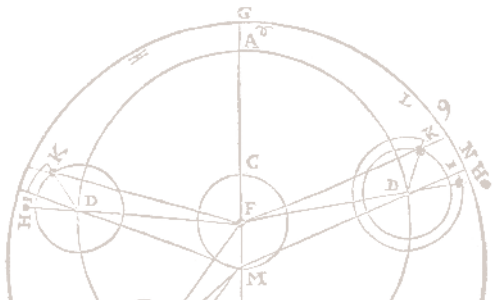


I Colour Theory

German Manuscript on Paper. (Germany, no date around 1824). 23 unnumbered leaves of which 5 blank leaves with 10 wash-colour drawings in white margins, several pen- and ink drawings in the text, one page with 5 wash-colour drawings of various colour diagrams of which three with Runge's colour sphere, one full-page illustration "System der Luftperspective in Verbindung mit der Licht und Schattengebung". Cont. half calf, marbled boards. Folio (410 x 270 mm). € 6000.-

A most interesting manuscript on colour theory with expertly drawn diagrams and colour schemes. The author names himself a teacher and lecturer. This manuscript had been used for various lectures before a mixed audience of artists and painters in 1819. On the second leaf there is a short index of contents which shows that this manuscript had not been accomplished. Thus several blank leaves but each of the chapters extant are complete. The most interesting feature which really deserves further research is the fact that he used Runge's colour spheres with slight variations in his text but not mentioning Runge's name. Another feature is a three page table of the various shades of the primary colours unfortunately not coloured. Several famous scientists and their publications are mentioned in the text. One of them is M. de la Saint-Morien with his treatise 'La Perspective Aérienne, soumise à des principes puisés dans la Nature; ou Nouveau Traité de Clair-Obscur et de Chromatique, à l'Usage des Artistes'. Paris, Didot, 1788. A very rare book which the author claims to have translated into German. But there is no printed German edition traceable on KVK.



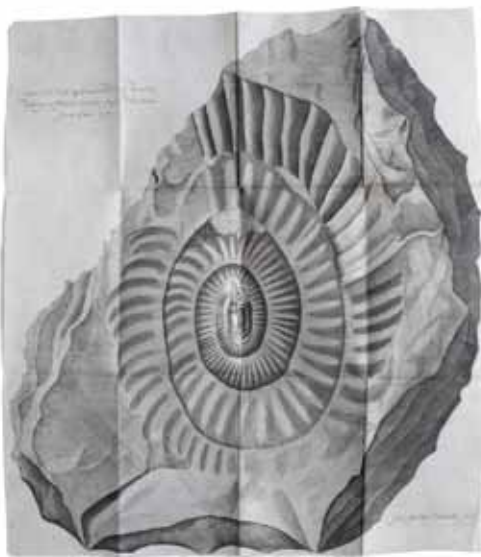


2 Mathematics in the Age of Discovery

Nunes, Pedro. *De Arte atque ratione Navigandi libri duo. Eiusdem in theoricas planetarum Georgii Purbachii Annotationes & in problema mechanicum aristotelis de motu navigii ...de Crepusculis lib. I cum libello Allacen [Alhazen] de causis crepusculorum. Conimbricae [Coimbra]: [Antonio Maris], 1573.* Folio with numerous geometrical diagrams in the text. Brown calf cont. style.

€ 9000.-

A compilation of the work of a lifetime, the state of the art of nautical science. It also included a commentary to Aristoteles' mechanical problem on the motion of a boat propelled by oars. After his retirement from the University, Pedro Nunes improves and extends his original treatises of 1537 and added new material. The first edition of Nunes' Opera [1566] came out with many mistakes, maybe because he used a publisher in Basel [Henripetri]. Nunes decided to publish this much improved second edition in Portugal, under a different title. His solution [De crepusculis, 1542] to the problem shows the geometric genius of Nunes as it was independently tackled by Johann & Jakob Bernoulli more than a century later with less success. Adams N374; Maggs, *Nautica* II, 18: „an extremely rare work on the science of navigation, ... by the greatest portuguese mathematician and astronomer.“; not in Honeyman, Barchas, Tomash Coll.





3 Linné's Description of a Cabinet of Wonder

Linnaeus, Carolus. *Museum Tessinianum*. Holmiae, Laurentium Salvium 1753. Folio with 12 engraved plates. Brown half calf around 1820. € 11000.-

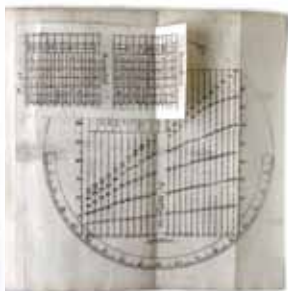
First edition. A very broad-margined large paper copy. "Very scarce. A catalog of the collection of minerals and fossils belonging to Count Carl Gustaf Tessin and stored in his castle at Akerö, Sweden. Tessin was a great friend of Linnaeus and used his influence to help the botanist establish his reputation. Linnaeus prepared this catalog of his benefactor's mineralogical cabinet. Although Linnaeus' name does not appear on the title page and contrary to custom, Tessin dedicated the work to Linnaeus "as he alone should have the honor." (Schuh, p. 651). Murray, *Museums I*, 225 and III, 209. Cobres I, 111, 25 "Geschätzt". Schuh, *Mineralogy* 1998.



4 Figured Stone

Sonnenberg, Conradus. *Eigentlicher unnd warhaffter Bericht / eines Juengst erfundenen Wunderbarlichen Steins den 26. Tag Augustmonat dess verflorbenen 1660. Jahrs / in dem Schwartzten Ertzberg / ... [1661]* 19 pp., with fold. engr. plate [490 x 425 mm] Cont. marbled wrappers. € 2400.-

Very rare description of a figured stone found in the mountains, showing within a fossil the appearance of holy Maria & child. An early form of the Beringer's stones. Beringer (1667 - 1738) was the victim of a famous early 18th century hoax by his colleagues Roderick and Eckhardt apparently in retaliation for Beringer's habitual arrogance. In 1725 the hoaxers carved limestone into the shapes of animals such as lizards, frogs, spiders on their webs, and planted them on Mount Eibelstadt where Beringer frequently went to search for fossil.



5 Sun Dial

Holtzhey, Johann Conrad. *Heliotropium gnomonicum, oder: Neu-erfundene und unbetrüglliche Universal-Sonnen-Uhr, auf welcher man vermittelst eines Plani penduli, so man aller Orten bequem mit sich führen kan, ... Folglich durch den groessessten Theil Europae, gantz Asiam und Africam, auch fast das gantze Americam sicherlich zu gebrauchen: ...* Ulm, Wagner 1722. (2), 53 (II) pages, 2 folding plates with two mounted tables, 3 folding tables. Cont. plain cardboards. Soiled, extremeties worn.

€ 1400.-

Zinner, *Instrumente* 387. Second edition. A few contemporary annotations, slightly soiled.

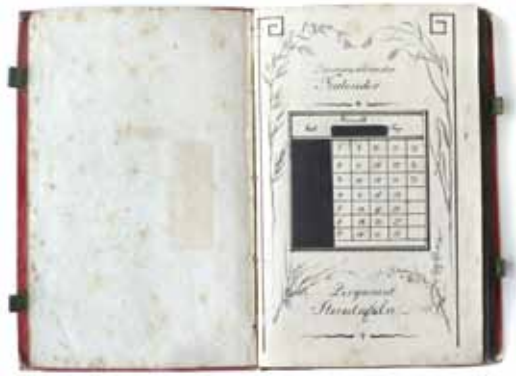


6 Cabinet of Wonder

Vater, Abraham. *Catalogus variorum exoticorum rarissimorum maximam partem incognitorum et nullibi descriptorum partim medicinae partim curiositati inservientium quae in museo suo brevi luci exponendo possidet Abrahamus Vater.* Wittenberg, Wittve Gerdes 1726. (6), 16 pages with woodcut headpiece. Marbled boards. Small- 4to.

€ 2400.-

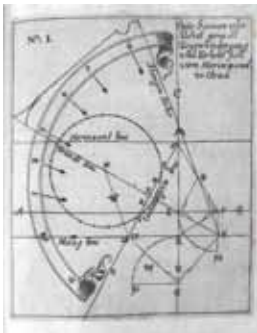
VD18 10803777. Murray, *Museums* III, 233 (with a plate which is not found in any other bibliography or copies in libraries). Poggendorf II, 1180. Pritzel 9696. BM-NHC V,2196. Not in Sinkankas and Stafleu-Cowan. First edition. Abraham Vater (1684-1751) was professor of medicine and botany in Wittenberg. This very rare catalogue of exotic, hitherto undescribed natural history objects in his own collection deals mainly with plants and seeds, but also includes a number of bezoar stones, resins and gums.



7 Incunable of Lithography

Scherer, Anton & Joseph. *Immerwährender Kalender - Pergament Steintafeln.* (Dinkelsbühl, 1812). Lithogr. titlepage with a perpetual calendar and a small mounted specimen of a parchment-stone tablet framed by a floral border, one printed leaf with privilege, verso with printed instructions, six tablets interleaved with 13 ll. of white paper. Cont. red boards. € 3800.—

Not mentioned in any of the standard reference works. Cf. Boueke & Hopster (editors). *Schreiben - Schreiben lernen.* (Tübingen 1985) p. 188 ff. An interesting book combining two quite recent inventions, namely lithography and the so-called 'Pergament Steintafeln' a material with the same writing-qualities as a slate but made out of paper and a coating, containing a mixture of linseed-oil paint and varnish, pine soot and various powders which renders the advantage of being flexible. No copy found on KVK.



8 Time Measurement

Seitz, David. *Gnomonica Das ist: Gründtliche Unterrichtung und Beschreibung/ wie man die Inclinierte SonnenUhren machen solle: ...* - Augsburg: Christoff Schmid, 1649. 4°. [18], with 18 plates. Old wrappers. € 2200.—

Only edition, a rare work on sun-dials by an amateur in Augsburg. About the author is nothing known, but Augsburg has a long tradition with making instruments since the time of Veit Bild around 1500. Zinner *Instrumente*, 534 cites only 2 plates; Arnold, *Augsburger Drucke* 117 [without plate P]; VD17 12:163930L.

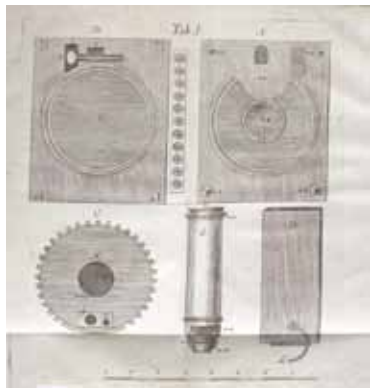
9 Magic Lantern

Wiedeburg, Johann Ernst Basilius. *Beschreibung eines verbesserten Sonnen-Microscops*. Nürnberg, Bauer 1758. (8), 44 pages, three numbered engravings on two folding leaves. Cont. boards. Small- 4to. € 2800.-

First German and first illustrated edition. Published 1755 in Erlangen as

a Latin dissertation with 24 pages without any illustrations. A detailed description of a new model of a magic lantern, invented and built by the author. It could be ordered in two variant outfits. A fine copy. Hecht, Pre-Cinema 75C/3 (not mentioning the plates).

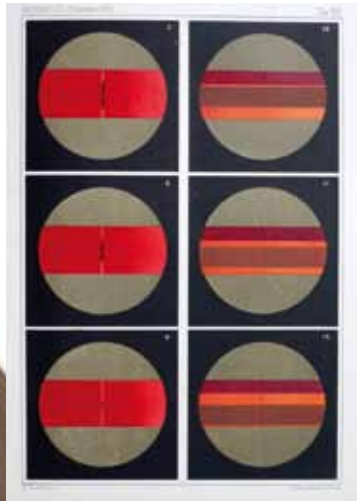
ADB XLII, 380. Poggendorff II, 1317.



10 Colonial Astronomy

Tacchini, Pietro. *Il Passaggio di Venere sul Sole dell' 8-9 Dicembre 1874 osservato a Muddapur nel Bengala*. Palermo: Lao, 1875. 4°. [8], 119 pp. with 13 lithographic plates and charts, three folding, eight printed in colour. Publ. cloth. € 2000.-

First edition of Tacchini's important work on the transit of Venus at Muddapur, Bengal in December 1874 being the first use of a spectroscope for this purpose. Dedication copy. The expedition, organized by Tacchini, Alessandro Dorna, and Antonio Abetti, observed for the first time, the details of Venus's spectrum (Fraunhofer lines C and B), thus confirming the existence of an atmosphere. Tacchini distinguished himself as one of the fathers of solar astrophysics, inventor of one of the first sunspot classifications, et al. [Leonardo Gariboldi].- [Hockey; ed.] BEA, II, 1119-21; DSB XIII, 232-233 [Abetti]; Quaritch 1392, no. 93.





II First Photograph of Sun Corona

Rue, Warren de la. *The Bakerian lecture. On the total solar eclipse of July 18th 1860, observed at Rivabellosa, near Miranda de Ebro, in Spain.* London, printed by Taylor and Francis 1862. (2), 84 pages, 5 half-page text-illustrations, 1 mounted paper-strip with colour scale, 15 partly folding plates in various techniques (photography, photoxylography, other processes to reproduce etched glass negatives). Cont. brown morocco richly gilt.

€ 8000.-

First separately published edition; the photographs being not published in the *Journal* issue. Title with manuscript dedication by the author to the French astronomer Pierre Jules César Janssen (1824-1907) 'Mons. le professeur Janssen, avec les sentiments affectueux de l'auteur'. A most remarkable copy of an important book on the physical condition of the sun. De la Rue was an important figure in the history of astronomy regarding his use of photography for astronomical observations and paper-printing. "(He) pioneered the application of photography to the study of the moon and sun, in the process demonstrating the value of an equatorially mounted, clock-driven reflecting telescope as a camera, techniques that greatly accelerated the evolution of the new science of astrophysics" (Alan W. Hirshfeld in: *BEA* I, 284). Bound with: Warren de la Rue. Comparison of Mr. de la Rue's and Padre Secchi's eclipse photographs. 4 pages. (From the proceedings of the Royal Society, Recess, 1864).

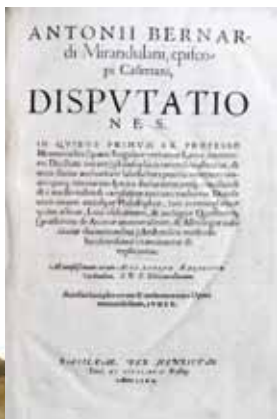


12 Humanism

Bernardi della Mirandola, Antonio. *Disputationes. In quibus primum ex professo Monomachia ... enertitur ... Diindenero omnes utriusque Philosophiae, tam contemplatinae quam actinae, Loci obscuriores, & ambiguae Quaestiones ... Aristotelica methodo ... explicantur ...* Antonius Bernardi Mirandulani, Basel: H. Petri, N. Bryling, 1562. Folio. 10 leaves, 694 pp. Cont. pigskin over wooden boards, two clasps. Some wear to covers. Nice copy.

€ 3000.-

First edition of a late philosophical work incl. essays on astrology, immortality, ethics, Antonio Bernardi della Mirandola (1502-1565) was a leading figure of the multifaceted community of the Renaissance Aristotelian humanists. Having entered the court of Pope Paul III Farnese, he enjoyed substantial freedom of expression, which he used to full effect in expounding publicly his distinctive interpretations of Aristotle's texts. Adams B739 VD16 B1906.





13 Trying to Reconcile Chinese & European Theology

Bulstrode, Whitelock. *Essays upon the following subjects. Viz. 1. Of Generosity. 2. Of the New Man. 3. Of the Government of the eye. ... 20. Of Persons running in debt, and dying without Payment.* London: Bettesworth, Clarke, 1724. 8°. with engraved portrait.

[with:] Bulstrode, Whitelock. *Metempsychosis, sive, Tentamen de transmigracione, in*

Pythagorae defensionem: ... London: Henrici Parker, 1725. with engraved portrait. Cont. red morocco, richly gilt. € 3600.-

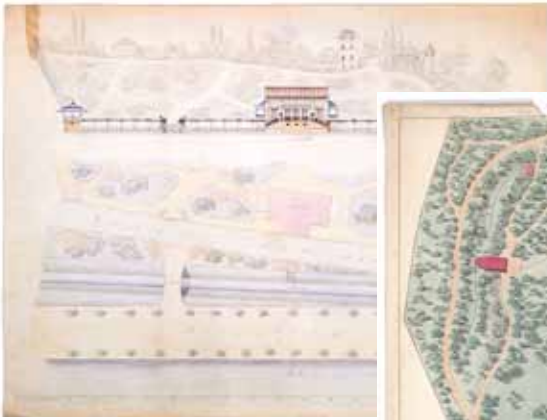
First edition of the last published work by Whitelock Bulstrode (1652-1724), administrator and writer, with a strong interest in science and alchemy. With the first latin translation of his first published work [An essay of Transmigration, 1692]: „This wide-ranging work of natural philosophy drew particularly on alchemical sources. Bulstrode argued the theory of the passage of the soul at death into another body applied properly to vegetative and sensitive rather than rational souls, and that ancient mythology was an elaborately coded system of natural and experimental philosophy.“ [ODNB] The discourse of the transmigration of souls was an ongoing early eighteenth-century discourse in relation to the new discovered accounts of Chinese and Hindu metaphysics. [Chi-ming Yang]



14 Optical Emblem Book

[Saint-Bonnet, Jean de]. *Theses opticae, et astronomicae.* Has propugnabunt Joannes Baptista Thioly, Petrus Taillandier, [Lyon: Pierre Valfray, 1693] Folio [8], 50 pp. with engraved frontispiece by B. Audran, engraved title-vignette by J. F. Cars. Contemporary vellum over boards, a bit warped. € 4200.-

First edition of this sumptuously illustrated dissertation on optics and astronomy with 19 engraved emblematic illustrations. A didactic work which treat the theories of light and shadow, the eye and vision, perspective, catoptrics, dioptrics, the sphere and the projection of the sphere, gnomonics, and astronomy. The large engraved vignettes heading each chapter are reminiscent of the superb vignettes found of Francois d'Aguilon's *Opticorum*, which were engraved by Galle after Peter Paul Rubens.- Sommervogel V 225,55.



15 Manuscript of the Kosmos Lecture

[Humboldt, Alexander von] *Physikalische Geographie. Vorgetragen von Alexander von Humboldt. Anfangen d[en] 6ten xbre [Octobre ?] 1827. Abschrift des Heftes der Frau Geheimrätthin Kohlrausch. [Handwritten manuscript copy]. [Paper: Whatman Turkey Mill 1826] [nach 1827] [258 x 205 mm] 151 pp., [I, blank] Contemporary paper boards. € 6000.-*

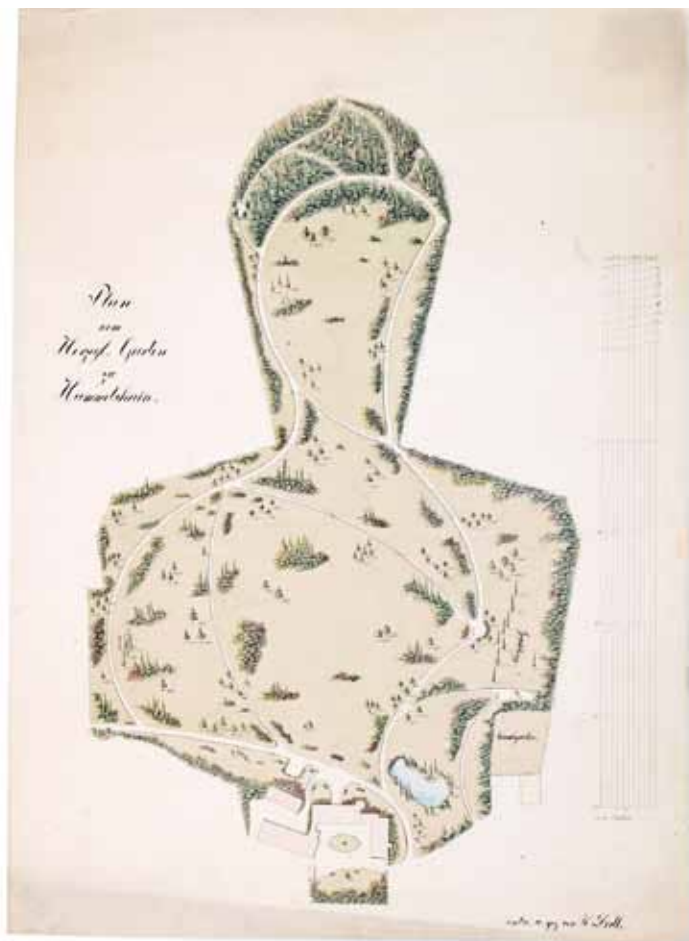
Fair copy in an unknown hand of the important series of lectures on physical geography and astronomy delivered by Alexander von Humboldt in Berlin during the winter of 1827 - 1828. These were to form the basis for his opus magnum, *Kosmos: Entwurf einer physischen Weltbeschreibung*, edited from 1845 to 1862 [PMM 320]. Only a few copies by different hands are known. A manuscript by Humboldt is unknown. „Humboldt's survey of contemporary knowledge of the physical world and the cosmos - the last such scientific survey undertaken by a single individual- occupied him for the last three decades of his life“ (Norman). The lectures themselves remained unpublished until the appearance of the 1934 facsimile edition.- Norman 1112; PMM 320; Hamel/Tiemann [ed.] *Alexander von Humboldt. Die Kosmos-Vorträge 1827/28 in der Berliner Singakademie.*- Frankfurt a. M.: Insel, 2004.



16 Garden Architecture

Doell, Wilhelm. Four pen- and ink drawings with wash-colour of gardens of the Duke of Altenburg, near the palace of Altenburg and Hummelsheim. (Altenburg ca 1834). € 12500.—

I. Plan vom Herzogl. Schlossgarten zu Altenburg. Pen-and ink drawing with wash-colour. Size: 675 x 550 mm. No watermark. II. Verschönerungsplan vom Garten des Durchl. Herzogs Joseph von S. Altenburg in Altenburg. Entworfen und gezeichnet von Wilhelm Doell. Measured and designed by Wilhelm Doell. Pen- and ink drawing with wash-colour. Size: 501 x 715 mm. Watermark J. Whatman Turkey Mill 1834. This design is based on an earlier draft by Lennè from 1830. III. Plan vom Herzogl. Garten zu Hummelsheim. Entw. u. gez. von W. Doell. Pen- and ink drawing with wash-colour by W. Doell. Size: 690 x 505 mm. No watermark. IV. Garden plan without title. (Garden of the Duke of Altenburg). Pen drawing with wash-colour. Size: 540 x 410 mm. With watermark J. Whatman 1826. – Wilhelm Doell, 1799 – 1860, was head of the garden department of the Duke of Altenburg around 1826. Together with: 1. Der Grundriss von dem Schlosse zu Altenburg. Handcoloured engraving. Schmidt del. Liebe sc. Size: 400 x 515 mm. 2. Pitschel, H. Plan der Residenzstadt Altenburg auf Grund der Flurkarten entworfen. Altenburg, Bonde 1858. Chromolithogr. map (590 x 690 mm). A few unobtrusive tears to margins, else a fine set of 19th century garden designs.





17 Shell Collecting

Schreibers, Karl (Franz Anton). Versuch einer vollständigen Conchylienkenntniß nach Linnes System. Erster Band. Von den Schnecken. (Zweyter Band. Von den Muscheln). 2 volumes. Wien, Edlen von Kurzbeck 1793. (14), 446, (2) pages; (10), 416 pages. Cont. marbled boards, gilt green morocco labels to spine. All edges green. € 2200.-

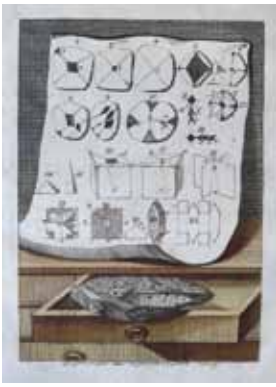
Not in Dance, Shell collecting. First edition. Volume I with a list of books on conchology. The author (1775-1852) studied natural science in Vienna and later on became head of the K. K. natural history cabinet in Vienna. According to the foreword, most of the conches described are from the author's own collection and from another private Viennese collection. An excellent copy. Poggendorff II, 843 (this title not included).

18 »Natural Theology« Influenced by Llull

Raimundus Sabundus [Ramon Sibiuda]. Theologia naturalis sive liber creaturarum specialiter de homine et de natura Straßburg: Martin Flach, 1501. Folio. 162 leaves Contemporary blind-pressed calf. € 6500.-

Early uncensored edition, reprinted from the 1496 edition [Goff R 33] by the same publisher. Raymond of Sabunde was a Catalan scholar, teacher of medicine and philosophy and finally regius professor of theology at Toulouse. His Liber naturae sive creaturarum, etc (or Theologia Naturalis), written 1434 - 1436, marks an important stage in the history of natural theology. It was translated into French by Michel de Montaigne (Paris, 1569) and edited in Latin at various times. The book was directed against the position then generally held, that reason and faith, philosophy and theology were antithetical and irreconcilable. Raymond declares that the Book of Nature and the Bible are both Divine revelations, the one general and immediate, the other specific and mediate. In 1595 the Prologus was put on the Index Librorum Prohibitorum for its declaration that the Bible is not the only source of revealed truth. STC 765; VD16 R173.





19 Cabinet of Wonder

Schultz, Ernst Christoph.

Sammelband with five works of Schultz describing mineralogical and zoological exhibits from his cabinet of wonder. (= all publ.).

Hamburg, Johann Philipp Christian Reuß (1779-1780). Cont. plain boards. € 9000.-

I. Beschreibung eines besondern Welt-Auges welches in dem Cabinette eines Natur-Freundes in Hamburg befindlich. with one handcoloured engraved plate. II. Vom Regenbogen-Achat, den der Verfasser dieses Briefes zuerst an die Pariser Academie ... bekannt gemacht hat. with one hand-coloured engraved plate III: Entdeckung einer dem Kreuz-Steine wesentlichen Entstehungs-Art der Kreuz-Figur. with one hand-coloured engraved plate. IV. Bemerkungen über einen monstreusen (!) Canarien-Vogel, aus dessen Unterkiefer ein lang gewundenes Horn gewachsen. with one hand-coloured engraved plate V. Characterisirung einer kleinen Art von Taschen-Krebsen, deren Rückenschild ein natuerliches Menschen-gesicht vorstellet. with one engraved plate printed in two colours.- Thieme-Becker XXXII (Stöttrup), 96. Cobres I, S. 186, 30a-e & Pogg. II, 860. Rare to find complete. Ad I. Cobres I, 30a. Schuh 2869 "Very rare". Sinkankas, 5891 "not seen". Ad II. Schuh 2870 "Very rare". Cobres I, 186,30e. Sinkankas 5892 "not seen. Appears to be one of the earliest descriptions of certain agates. Ad III. Not in Schuh & Sinkankas. Cobres, I, 186,30d. Ward/Carozzi 1998. Ad IV. Cobres I, 186,30b. Not in Nissen VBI. Ad V. BM, NHC VIII, 1165. Cobres I, 186,30c.





20 Embellishing a Butterfly Collection

Namen der saemtlichen Gattungen von Schmetterlingen nach dem Linneischen System zum Gebrauch für Liebhaber und deren Verzeichnisse in drey Tabellen. Erlangen, Johann Jakob Palm 1784. 6 unnumb. leaves printed on rectos only on 3 fold. uncut sheets. Folio (370 x 226 mm). € 1600.–

Not in Horn-Schenkling. A scarce survivor, containing 780 names of various butterfly species according to Linnean nomenclature. Each entry could be cut

out to be used as uniform labels embellishing natural history or especially butterfly collections. Complete as here due to its intended application very scarce, only one copy on KVK traceable in a German library (Augsburg). A short cont. review notes: "Die ersten auf Schreibpapier gedruckten Tabellen enthalten die sämtlichen Namen der Linneischen Arten der Schmetterlinge nach der 12ten Ausgabe, und sind bloss für Sammlungen bestimmt, um sie den Originalen nach einzeln ausgeschnittenen Zettelchen beyzustecken ... Sie wurden von verschiedenen Liebhabern verlangt, um durch Einförmigkeit der Schrift ihre Sammlungen zu zieren" (Allgemeine Literaturzeitung, 1786, vol. IV, no. 244).

21 Herbarium

Prehn, H. H. Gräser-Herbarium. Rathlau bei Lütjenburg, Prehn (around 1843). 4 pages letterpress text, 53 plates with 74 mounted dried specimens of various grasses each with mounted and printed label. € 3800.–

Publisher's printed boards with two ties. (350 x 210 mm). Not in Pritzel, Nissen and Stafleu-Cowan. The herbarium was compiled by the botanist Heinrich H. Prehn (1796–1881), who was owner of a nursery in Rathlau in the northern part of Germany. No copy traced on bookauctions or in libraries. A beautiful copy.





22 Poisonous Plants of Silesia

Köhler, J. C. G. Schlesische Gift-Flora, oder die schlesischen Giftpflanzen zur Verminderung des menschlichen Elends: beschrieben, und mit natürlichen, abgetrockneten Pflanzen begleitet. 2Vols. Schmiedeberg, Hirschberg: Immanuel Krahn, 1811-1812. Folio. IV, 34 pp., [2]; 38 pp., [2] with 20 leaves with original specimens mounted on the leaves with printed captions.



€ 4900.-

Exceedingly rare printed Herbarium on poisonous plants with original specimens or samples of the drugs described. OCLC: only two copies worldwide [Leiden/ Frankfurt a. M.], of which the copy at Frankfurt / Senckenberg Library is incomplete [only part 2]. Köhler was as the title states: „Lehrer an der Schule zu Nieder-Schmiedeberg und Ehren-Mitglied der schlesischen Gesellschaft für vaterländische Kultur“, that is member of the silesian natural history society and teacher at the school. The work was intended as teaching aid for children and their parents to beware of poisonous plants. In the text is mentioned an article in the „National-Zeitung“ reporting the death of a children due to eating poisonous *Colchicum autumnale*, commonly known as autumn crocus, meadow saffron or naked lady. The specimens are named in linnean latin classification and German name [also the provincial names], with description where they grow [distribution] and when they bloom. Partsch, Schlesien 109 [only 1. Tl.]; Krüger, Bibliographia botanica 110; Callisen X, 301, 791; nicht bei Nissen, Pritzel, Cowan/ Stafleu etc. Junk, 1949. 326.



23 Engineering and Science Books collected by a Danish Shipbuilder

Catalogus Bibliotheca Gernerianae. Publice dividenda, inde ab initio mensis martii MDCCLXXXIX. Havniae, typis Sebastiani Popp. Engraved front. with portrait silhouette of Gerner by Bradt, (10), 467 pages. Cont. leather. € 4000.—



Not in Blogie. First edition. Large paper copy, mostly printed on blueish paper. Front paste-down and front flying-endpaper with booklabels and ownership entries, which make an almost continuous provenance succession. A most interesting catalogue with books on natural science, engineering, physics and related subjects collected by the Danish engineer and shipbuilder Henrik Gerner (1742-1787). A beautiful copy on thick paper.

24 Instrument Catalogue

Lenoir, George André. Catalog der Fabrik & Handlung chemischer, pharmaceutischer, physikalischer meteorologischer etc. Gerätschaften & Apparate chemisch reiner Reagentien und chemischer Präparate. (Wien), Druck der Typografisch-literarisch-artistischen Anstalt (1861). Cont. brown half morocco, richly gilt, woodengraved title, 276 pages with hundreds of illustrations in the text. € 2500.—

Second edition. An early and scarce trade catalogue. Divided into five sections: I. Chemical and pharmaceutical instruments, devices and apparatus. II. Chemical substances.

III. Physical and mathematical devices and instruments. IV. Meteorological instruments. V. Terrestrial and celestial globes. KVK with only one copy worldwide in the National Library of Israel. A fine copy.



25 The Collector's and Curator's Manual

Streubel, August Vollrath. Der Conservator oder praktische Anleitung, Naturalien aller Reiche zu sammeln, zu conserviren und für wissenschaftliche Zwecke, wie auch zum Vergnügen aufzustellen. ... Nach eigenen Erfahrungen bearbeitet und mit Tabellen zur leichteren Bestimmung der Mineralien und Pflanzen versehen. Berlin, Ferdinand Rubach 1845.

396 pages, halfleather. € 1100.-

First edition. Contains three main chapters dealing with the building-up and arrangement of a mineral collection; the arrangement of a botanical collection and how to create a herbarium; the third chapter on the conservation of zoological exhibits.

Engelmann, Bibliotheca mechanico-techn.

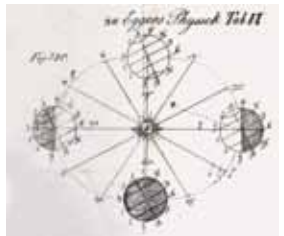
Supplement 116.



26 Collection of Instruments

egger, Kajetan. Leitfaden zu Vorlesungen über populäre Experimental-Physik für Liebhaber der Natur und die Jugend. Mit 6 Steintafeln. München, Fleischmann (auf Kosten des Verfassers) 1829. 360 pages, 6 large folding lithogr. plates. Publisher's lithogr. boards, with illustrations on both covers. Spine-ends rubbed. € 900.-

Second edition. The folding plates with 319 numbered illustrations depicting the author's collection of mathematical instruments, optical toys and various physical instruments.



27 Elements of Machines

Jungenickel, Andreas, Martin Stier [ed.] Schlüssel zur Mechanica / Das ist: Gründliche Beschreibung der Vier Haupt Instrumenten der Machination, als deß Hebels / Betriebs / Schrauben / Kloben. Und an den Tag gegeben Durch ... Ober-Ingenieur Martin Stier. Nürnberg: Fürst, [1661]. kl.4° 368 pp. with 137 text-woodcuts. modern half-vellum. € 2900.-



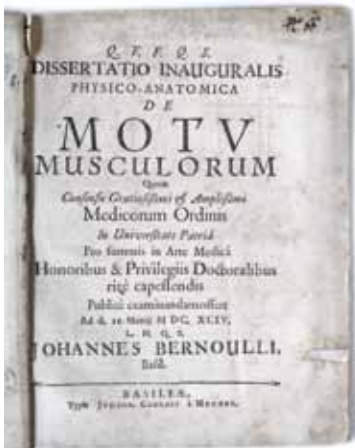
First edition of an early work on elementary mechanics and machination with fine text-illustrations. „This work is structured as a dialogue between an engineer and a mechanic, in which they discuss the principal instruments of machinery including the level, gear, srew, and pulley. A section is devoted to a discussion of planetary movement with references to Sacrobosco, Copernicus, and Apianus.“ (Roberts-Trent). Bibl.Dt.Mus., Libri rari 150; VD 17 3:3026145; Roberts/Trent, 180; Stöcklein, Leitbilder 14; Jöcher/Adelung II, 2352.

28 First Time: Calculus in the Life Sciences

Bernoulli, Johann. Dissertatio inauguralis physico-anatomica de motu musculorum Basiliae [Basel]: [Johann Konrad v. Mechel], [1694]. 4° 10 Bll. with 6 woodcut-ill. Cont. wrappers.

€ 2600.-

Very rare dissertation by Johann Bernoulli [the elder] (1667-1748), the first instances of the application of differential calculus in biology and of chemical explanations in biology. In his second dissertation Johann Bernoulli attempted to describe the movement of muscles (1694) in mechanical terms. He describes the action of skeletal muscles caused through the ebullition by air released from such processes, calculating the quantities of animal spirit spent when muscles lift different resistances. VD 17, 32:666232M; Hirsch/ H. I, 493; Wellcome II, 152; Osler 2024, Pogg. I, 158, Waller 1313 u. Wolfenb. 239.



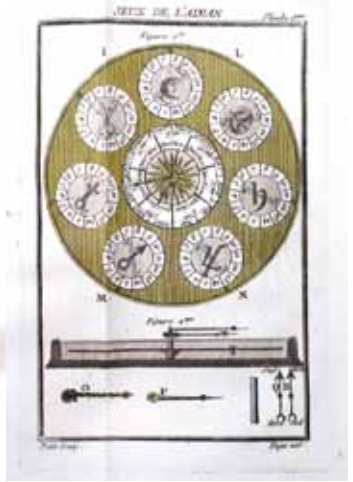


29 Beginning of Mechanics

Monantheuil, Henri de. *Aristotelis Mechanica Graeca emendata, Latina facta & commentariis illustrata* ab Heinrico Monantholio. Paris: Jeremie Perier, 1599. Cont. vellum. € 4500.-

The earliest known engineering textbook, doubtfully attributed to both Aristotle and Straton of Lamsakos [Honeyman] or Archytas of Tarentum [Winter] and possibly the earliest extant treatise on theoretical mechanics [Stillwell]. „A pupil of Ramus, Henri de Monantheuil (1536-1606), published at Paris the Greek text with his own Latin translation and commentary ... In addition to a through acquaintance with the ancient writers on mechanics, Monantheuil cites medical and literary works of Antiquity in his commentary... On the whole, Monantheuil's is the most complete and erudite of the sixteenth-century commentaries on the Mechanics... [Rose & Drake] .- Index Aurel. STC 27 IA 108.744; Adams A 1846; Hoffmann I, 314; Honeyman 145; Thorndike VI, 142; Macclesfield 196; Waller 12110; Riley 119; Schweiger I, 53.

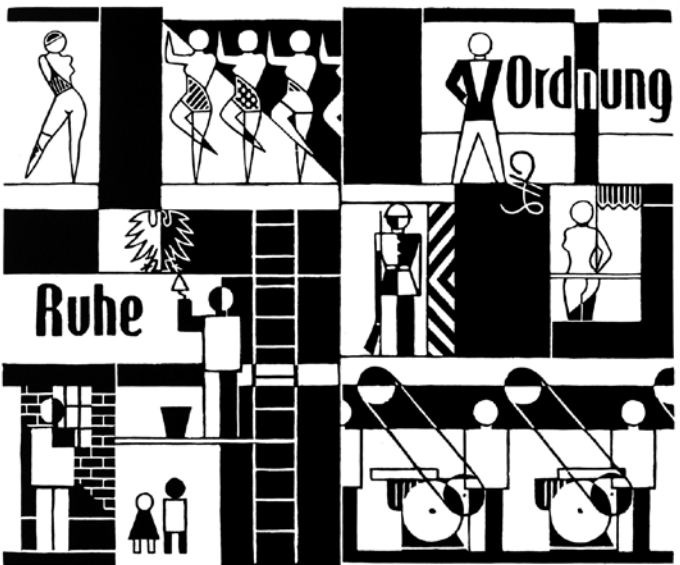




30 Magical Experiments

Guyot, [Edme 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, 4 Vols. A Paris: chez Gueffier, au bas de la rue de la Harpe, [1769-1770]. 8°, with printed list of instruments manufactured by the author and 73 coloured fold. plates. Cont. calf, gilt spine. € 2400,-

A very popular collection of scientific and magical experiments.- Caillet 4900. Wheeler Gift 426. Honeyman 1584. Van der Linde 1032. Gartrell 228. Bakken p. 66-7. Mottelay, 224. Wegmann 7232. Clarke & Blind 34. Shulman 25





31 Original Wood Blocks

Masjutin, Wassili Nikolajewitsch. 22 Original wood-blocks for the envisaged 1919 publication, called „Die Schöpfungstage“, which was projected, but not published [?]. Different sizes, the blocks partly in separate pieces and or already bonded new, 1 block with defective spot.

€ 4000.-

The woodcuts were intended for Masjutins novel: „Schöpfungstage“, a portrait of the life of Charles Dubois. The wood blocks were taken by Masjutin into Exil and survived in his Berlin flat. There they were bought by private hand. The missing wood block is still in private hand [address could be given]. Die Druckplatten entstanden für die Gestaltung von Masjutins unveröffentlichtem Roman ‚Die Schöpfungstage‘, einer Beschreibung des Lebens Charles Dubois. - Slg. Werner 175-192.



32 Pictographs

Arntz, Gerd. Siebdrucke nach frühen Holzschnitten. [Berlin: Galerie Kunze], 1979. [230 x 490 mm] 7 seriographs from woodcuts made in the 1930, signed & titled by Arntz. Publ. illustr. boards.

€ 2400.-

Rare folder by Gerd Arntz, a limited edition: 22 of 180 printed copies. As a politically engaged graphic artist and designer Gerd Arntz (1900–1988) portrayed the world in wood and linoleum cuts. During the 1920s, he conveyed his vision on social wrongs and the rise of nazism in Germany in his prints. He did this in such a simple, direct style that anyone – regardless of their education and nationality – was able to understand

his images. This prompted the Viennese social scientist Otto Neurath (1882–1945) to ask him to design the symbols for the ‚International System of Typographic Picture Education‘ (ISOTYPE). not in COPAC or OCLC.



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