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### A SELECTION OF BOOKS EXHIBITED AT THE CALIFORNIA INTERNATIONAL ANTIQUARIAN BOOK FAIR

OAKLAND, FEBRUARY 6-8, 2015

Full collations, descriptions, and bibliographical details are available for all items listed

BOOTH 617

#### FIRST PRINTING OF THE FIRST HYPOTHESIS ON THE WAVE THEORY OF LIGHT

1. **ANGO, Pierre.** *L'optique divisée en trois livres: où lon démontre d'une manière aisée tout ce qui regarde 1. La propagation & les propriétés de la lumière. 2. La vision. 3. La figure & la disposition des verres qui servent à la perfectionner.* Paris: Estienne Michallet, 1682. 12mo. Numerous text illustrations. Contemporary full calf.

FIRST EDITION of this valuable optical treatise, of major significance because it established the outline of a wave theory of light, based upon a manuscript written by the Jesuit scientist Ignace Gaston Pardies but left unpublished at his death, nearly eight years in advance of Huygens's *Traite de la lumière*. The second and third books describe the principles of vision and of colour, the means of correcting defective sight with glasses, as well as a variety of optical instruments.

\$ 3500.00



#### AN ALLEGORY OF HYPOCHONDRIA

2. **ANNEBBIATI DA VALL'OSCURA, Entusiasmo (pseud.).** *L'ipocondria composizione anacreontica di N. N. poeta archisidereo sotto nome di Entusiasmo Annebbiati da vall'oscura dal medesimo dedicata agli alunni del seminario archipatetico.* . . . Firenze: Appresso Pietro Gaetano Viviani, 1758.

4to. With engraved title vignette and 3 leaves of plates. Contemporary gilt-paneled vellum.

FIRST EDITION, extremely rare, of this allegorical poem on hypochondria. The story follows the narrator and protagonist, Fabrizio, through the Kingdom of Hypochondria where he meets its queen and her entourage of gruesome characters, a scene brought to life in the wonderful

plates. After the main poem, the author supplies his own commentary, complete with an explanation of the rather puzzling title vignette.

\$ 5500.00

RARE EDITION WITH SUPERB WOODCUTS

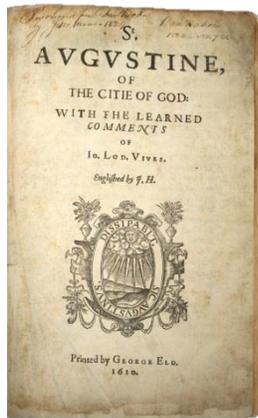
3. **ARCHIMEDES.** Αρχιμηδους παντα σωζομενα. *Archimedes opera.* Paris: Claude Morel, 1615. Folio. Contemporary calf.

THE COMPLETE WORKS of Archimedes, the first edition edited by David Rivault. It contains all of Archimedes' monumental contributions to science: his discovery of the principle of specific gravity and methods for calculating the centres, circle measurements, the quadrature of the parabola and spirals, techniques of analysis, his theoretical work on mechanics and hydrostatics, an approximation of the value of  $\pi$ , and his treatment of the numeration of large numbers. \$ 7500.00

SCIENTIFIC AND PHILOSOPHICAL WORKS

4. **ARISTOTLE.** *Aristotelis stagyrtae acroases physicae libri VIII. (bound with) Aristotelis stagyrtae libri de coelo III . . . libri de generatione II . . . libri meteororum III. (bound with) Aristotelis stagyrtae philosophi de anima libri III . . . de sensu & sensato liber I; de memoria & reminiscencia liber I; de somno & vigilia liber I; de longitudine & breuitate vitae.* Augsburg: Grimm & Wirsung, 1518; 1519; 1520. Three books in one. Folio. First title page in red and black; heraldic woodcuts on second and third titles. Final leaf, with large woodcut of Saint Catherine on colophon, is in facsimile on contemporary paper. Old vellum.

A BEAUTIFUL EDITION of Aristotle's scientific and philosophical writings, the first use of the heraldic woodcuts. \$ 8500.00



GOD'S GOVERNMENT ON EARTH

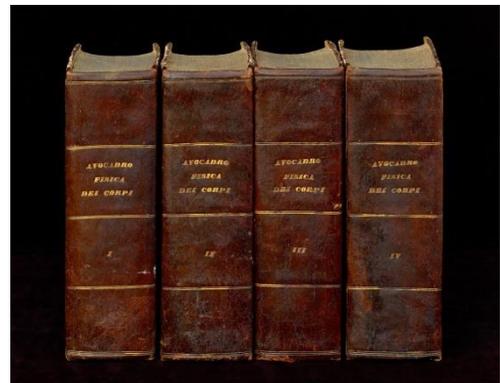
5. **AUGUSTINE, Aurelius Saint.** *Of the cite of God. With the learned comments of Io. Lod. Vives. Englished by J[ohn] H[ale].* London: George Eld, 1610. Folio. Contemporary calf.

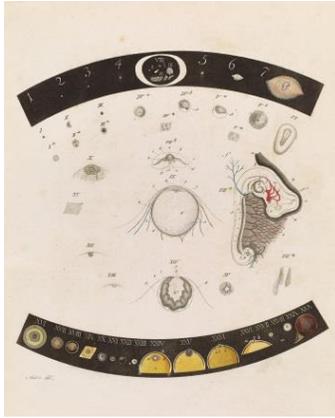
FIRST EDITION IN ENGLISH. *De civitate Dei* influenced world history from the middle ages to the end of the eighteenth century, and its power is still present, for example, in international law. It was described by Voltaire as the first contribution to a philosophy of history. \$ 12,000.00

AVOGADRO'S LAW

6. **AVOGADRO, Amedeo.** *Fisica de'corpi ponderabili ossia trattato della costituzione generale de'corpi.* Torino: Stamperia Reale, 1837-1841. Four volumes. 8vo. Complete with half-titles and 18 folding plates. Contemporary calf-backed marbled boards; an exceptionally fine and clean set.

FIRST AND ONLY EDITION of Avogadro's major work, and the first systematic compendium of theoretical physics to be published in Italy, including the famous hypothesis which provided the key to distinguishing between atoms and molecules. \$ 26,000.00



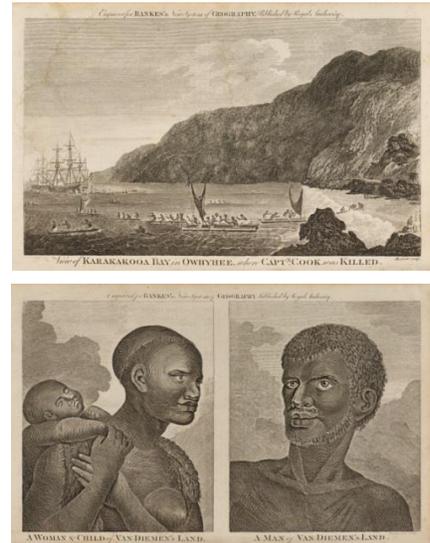


**A CLASSIC IN THE HISTORY OF EMBRYOLOGY**

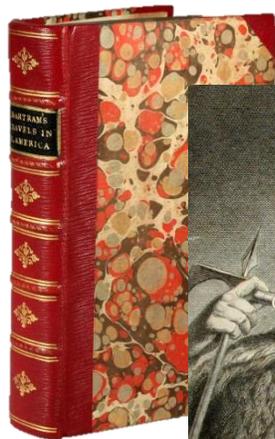
**7. BAER, Karl Ernst von.** *De ovi mammalium et hominis generi epistolam ad Academiam Imperialem Scientiarum Petropolitanam.* Leipzig: Leopold Voss, 1827. 4to. With half-title, corrigenda, and 1 full-page hand-colored engraved plate. Contemporary half calf over marbled boards.  
FIRST EDITION of Baer's famous discovery of the mammalian ovum.  
\$ 38,000.00

**INSPIRED BY THE VOYAGES OF COOK**

**8. BANKES, Thomas.** *A new and authentic system of universal geography, antient and modern.* London: Printed for C. Cooke, No. 17, Pater-noster-Row, [1792?]. Folio. With 100 unnumbered plates including frontispiece and 22 maps. Recent calf.  
A RARE AND IMPORTANT WORK which aimed to deliver the most accurate, impressive, and up-to-date system of universal geography available. A sizeable portion of its contents is devoted to the discoveries of Captain Cook, beginning with a description of New Holland (the historic name for Australia), and includes updated information on Botany Bay, Norfolk Island, and Port Jackson - the first European settlement in Australia. In addition to the maps and city views, ethnographic plates depict both exotic and familiar types, from "The King of the Congo preparing for an Excursion" to "Ancient English Dresses."  
\$ 5000.00



**"THE FIRST GENUINE AND ARTISTIC INTERPRETATION OF THE AMERICAN LANDSCAPE"**



**9. BARTRAM, William.** *Travels through North and South Carolina, Georgia, east and west Florida, the Cherokee country, the extensive territories of the Muscogulges or Creek confederacy, and the country of the Chactaws. Containing an account of the soil and natural productions of those regions; together with observations on the manners of the Indians.* London: J. Johnson, 1792. 8vo. With frontispiece portrait, folding map and 7 engraved plates. Later half morocco and marbled boards; a very clean copy.  
FIRST LONDON EDITION. An important volume that combines an account of the author's travels and his natural history observations of the southeastern United States, this work is noted by Sabin as "unequaled for the vivid picturesqueness of its descriptions of nature, scenery, and productions." Based on five years of study in the Carolinas, Georgia, and Florida, Bartram's work includes significant commentary on the Cherokee and Creek Indian tribes as well as descriptions of the flora, fauna, and geography of the region.  
\$ 6000.00

THE FOREMOST ITALIAN MISSIONARY  
OF THE FIFTEENTH CENTURY

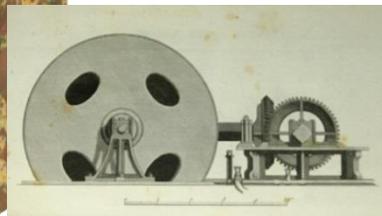
10. **BERNARDINUS SENENSIS.** *Sermones de evangelio aeterno.* [Basel: Johann Amerbach, not after 1489]. Folio. Initials rubricated in red including some large 3-4 line initials, hand-colored illustration of St. Bernardine. Contemporary calf over wooden boards, blind-stamped in a floral pattern, original brass bosses and clasps, pair of contemporary brass corner-pieces on both front and back cover, edges stained yellow.

FIRST EDITION. Bernardinus of Siena (1380-1444), Friar Minor, missionary and reformer, is often called the Apostle of Italy. He attracted crowds of upwards of 30,000 to listen to his sermons, which often lasted three to four hours, and provided a sense of the customs and manners of the time. \$ 24,000.00



SCIENTIFIC METHODS APPLIED  
TO THE ANCIENT ART OF DYING

11. **BERTHOLLET, C[laude] L[louis] & A[medee] B.; URE, Andrew (trans.).** *Elements of the art of dying; with a description of the art of bleaching by oxymuriatic acid.* London: Printed for Thomas Tegg, et al., 1824. Two volumes. 8vo. With 9 engravings. Quarter calf and marbled boards; a beautiful copy.



FIRST EDITION of Ure's translation. The Berthollets' work is considered the first modern book on dying techniques and principles. \$ 800.00

THE FIRST FRENCH BOOK ON NAVIGATION  
WITH EARLY DESCRIPTION OF SOUTH AMERICA

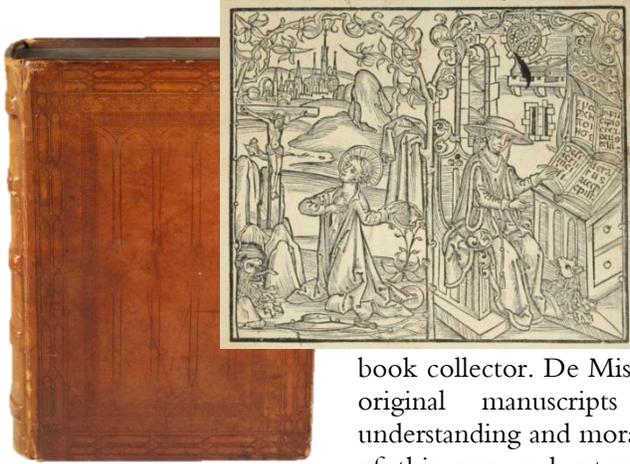
12. **BESSARD, Toussaint de.** *Dialogue, de la longitude. . .* Rouan: Messgissier, 1574.

FIRST EDITION of this extremely rare treatise, the first work printed in France on navigation and one of the earliest attempts to determine longitude at sea. \$ 65,000.00



ONE OF THE EARLIEST WORKS FROM THE PRESS OF  
OTTAVIANO SCOTO

13. **BIBLIA LATINA.** Venice: Octavianus Scotus, 31 May 1480. Chancery 4to. Exquisite illuminated initial and marginal illustration, initials throughout rubricated with red and blue penwork decoration, some with gold leaf. Eighteenth-century tree calf, gilt decorated-spine and borders on covers. FIRST EDITION. All works printed by Scoto, whose press operated between 1479 and 1484, are characterized by extremely fine attention to detail and the layout of the pages. \$ 30,000.00



#### IMPORTANT ASSOCIATION COPY

14. **BIBLE, LATIN.** *Biblia cum concordantiis Veteris et Novi Testamenti.* [Strassburg: Johann (Reinhard) Grüninger, 26 April, 1497]. Folio. Woodcut illustration of St. Jerome at his devotions on title. Sixteenth-century boards.

FROM THE LIBRARY OF THE GREAT WRITER AND SCHOLAR, CESAR DE MISSY (1703-1775), theologian, chaplain to George II, scholar of the New Testament, and

book collector. De Missy was famous for his invaluable work in preserving original manuscripts that enriched religious and philosophical understanding and moral debates on the issues of the day. A complete copy of this rare and esteemed edition of the Latin Vulgate with marginal

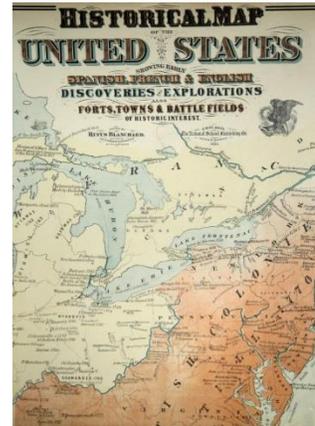
concordances, St. Jerome's prefaces, and augmented by the revised alphabetical tables of Gabriel Brunus, as well as the "Interpretationes Hebraicorum nominum." \$ 9500.00

#### THE GREAT AMERICAN ATLAS

15. **BLANCHARD, Rufus.** *Historical atlas of the United States.* [Chicago]: [T. Kane & Co.], [1876-1893]. Large folio. Illustrated throughout with color and black and white maps, charts, and historical images. Full maroon calf.

FIRST EDITION of each of the parts of this valuable American atlas. It includes maps of America, its territories, the Hawaiian Islands, Europe, the world and ocean currents, and much more. Of particular interest is the map of *The Acquisition of Territory to the United States*, which at the time of its publication was the only map to correctly show the western limit of the Louisiana Purchase as terminating on the line of the Rocky Mountains instead of on the Pacific Coast.

\$ 7500.00



#### MYSTICAL INTERPRETATION OF GENESIS

16. **BOEHME, Jacob.** *Mysterium magnum. An exposition of the first book of Moses called Genesis.* London: M. Simmons for H. Blunden, 1654. Folio. Full calf in a contemporary style.

FIRST EDITION IN ENGLISH of Boehme's masterpiece. His focus on the vision of the spiritual universe supports his detailed discussion of Genesis. This book became highly influential on generations of mystics, especially of the English school, where societies of Behmenites were formed. \$ 6500.00

#### PRESENTATION COPY, PART OF A FAMOUS EXHIBIT

17. **BRAGG, William Henry & BRAGG, William Lawrence.** *X rays and crystal structure.* London: G. Bell & Sons, 1915. 8vo. With 5 photographic plates. Original publisher's blue cloth; "PRESENTATION COPY" blind-stamped onto title. Bookplate laid in noting that this book was Exhibit No. 241 in the 1951 Festival of Britain Exhibition of Books, arranged by the National Book League at the Victoria & Albert Museum.

FIRST EDITION of the statement of Bragg's Law by the father and son team who shared the 1915 Nobel Prize for physics "for their services in the analysis of crystal structure by means of x-rays."

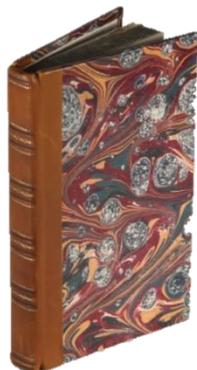
\$ 1950.00

MANUSCRIPT FROM THE CAPTAIN OF THE SHIP MORNING STAR

18. **BRAY, Capt. Isaiah.** At sea, Feb. 15, 1879. 18 pp. To "Brother Hall."

In 1878, Captain Bray, an experienced navigator and an earnest Christian, took command of the third "Morning Star". The voyages of each of the (five) ships named "Morning Star" were intended to bring Christianity to the people of the Marquesas Islands and Micronesia. In this, his only letter written as captain, he provides a summary of the voyage, having sailed a total of 14,500 miles and visited 26 different islands, including 5 newly-discovered. He describes the people and the places visited, including Luknor Island, Atene Island, the island of Apaiang (part of the Gilbert Islands), and the Marshall Islands.

\$ 4500.00



INCLUDES THE FIRST DENTAL PHARMACOPEIA

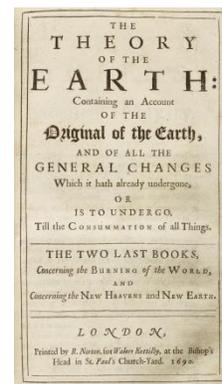
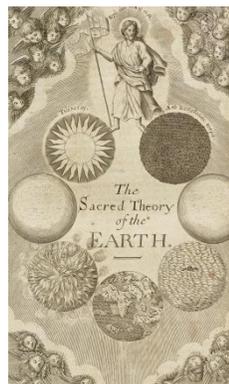
19. **BUNON, Robert.** *Essay sur les maladies des dents.* . . . Paris: Briasson, Chaubert, et de Hansy, 1743. 8vo. Calf-backed marbled boards; a fine copy.

FIRST EDITION. Disappointed with Fuchard's work, Bunon was the first to perform specialized odontological research as well as to address such issues such as the development and care of children's teeth, and dental hypoplasia (caused by childhood diseases).

\$ 3500.00

FORMATION OF THE EARTH

20. **[BURNET, Thomas].** *The theory of the earth: containing an account of the original of the earth, and of all the general changes which it hath already undergone, . . . The two first (sic) books concerning the deluge, and concerning paradise; An answer to the late exceptions made by Mr Erasmus Warren; A short consideration of Mr. Erasmus Warren's defence of his exceptions against the theory of the earth: In a letter to a friend; The theory of the earth . . . The two last books, concerning the burning of the world, and concerning the new heavens and new earth; A review of the theory of the earth.* London: R. Norton for Walter Kettilby, 1690-1691. FOUR WORKS IN ONE (first book in two parts). Folio. Separate titles, 2 frontispieces, 2 double-page engraved plates and 13 text engravings. Morocco-backed marbled boards.



FIRST EDITION IN ENGLISH of all works, except second edition in English of the first part of the first work. This was one of the earliest attempts to present a scientific explanation of the formation and structure of the earth. *Answer to the late exceptions* was intended to refute Erasmus Warren's book *Geologia* (1690) condemning Burnet's theories.

\$ 2500.00



NOBEL PRIZE WINNER

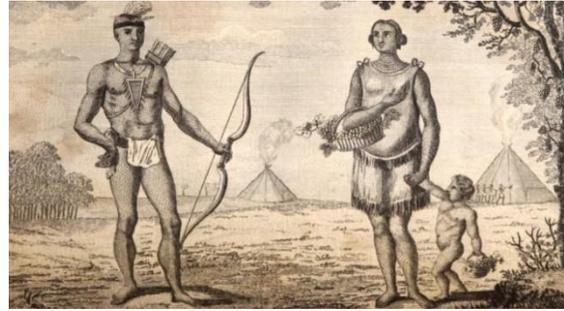
21. **CARREL, Alexis & LINDBERGH, Charles A.** *The culture of organs.* New York: Paul Hoeber, 1938. 8vo. With 38 plates. Original cloth.

FIRST EDITION. This work describes the experimental program for the cultivation of whole organs devised by Carrel and the celebrated aviator Charles Lindbergh. Lindbergh's pump enabled Carrel to keep an excised thyroid and kidney functioning, and led to apparatus now used in heart and other surgeries.

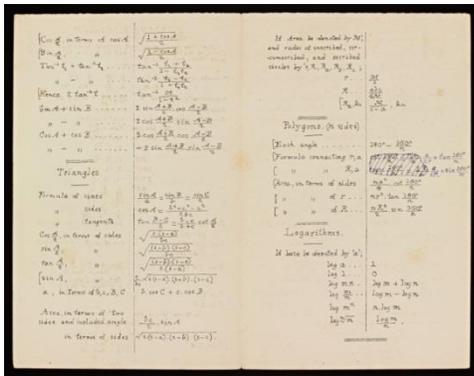
\$ 950.00

FIRST PUBLISHED MENTION OF OREGON

22. **CARVER, Johnathan.** *Travels through the interior parts of North-America in the years 1766, 1767, and 1768.* London: for the Author, 1778. 8vo. With 2 engraved maps and 4 engraved plates. Contemporary calf. FIRST EDITION. Carver's work, a classic of American travel, is one of the earliest and best accounts of pre-Revolution exploration. He "penetrated farther into the West than any other English explorer before the Revolution" (Howes). \$ 5000.00



WITH MANUSCRIPT CORRECTIONS



23. **CARROLL, Lewis [DODGSON, Charles Lutwidge].** Four mathematical pamphlets offered together, preserved in a folding clamshell case. 1. *Formulae. (Group C.)*. [Oxford: c.1878]. Bifolium. Rare cyclostyled pamphlet, with Dodgson's manuscript corrections in his characteristic purple ink. 2. *Formulae.* [Oxford]: 19 March 1878. 8vo. Cyclostyled. This work consists of 18 formulae corresponding to the topics in section L of the pamphlet *A Guide to the Mathematical Student in Reading, Reviewing, and Working Examples*. 3. *Algebraical formulae and rules for the use of candidates for respensions.* [Oxford: University Press, 1870]. Bifolium. 4. *Arithmetic. I.* [Oxford: University Press, c.1870]. Bifolium.

FIRST EDITION. Templates for 33 examination problems divided into 5 sections: integral and concrete numbers, vulgar and decimal fractions, rule of three. Exceedingly rare. \$ 24,000.00

MENTAL RELAXATION - - A PRESENTATION COPY

24. **CARROLL, Lewis [DODGSON, Charles Lutwidge].** *Symbolic logic. Part I: elementary* [all published]. London & New York: Macmillan and Co., 1896. 12mo. Original publisher's cloth over boards; presentation inscription, "G.E. Jelf, with the Author's sincere regards. Feb. 22, 1896." Preserved in a red morocco-backed slipcase and chemise. FIRST EDITION, PRE-PUBLICATION presentation copy, inscribed by Dodgson two days before publication. This is his early work of logic, intended to supply "for a most interesting mental recreation." This work anticipates his later *Game of logic* (1897), and introduces his inventive use of square Venn diagrams to represent original syllogisms. \$ 9500.00

25. **[CIVIL WAR].** [*Speeches of United States Senators & Representatives*]. 8vo. Half-sheep over marbled boards. Presentation inscription on fly-leaf, from James B. Smallwood to the Hon. John P. Hale, U.S. Senator, dated April 4, 1861. FIRST PRINTINGS. Bound volume of 37 individual speeches and 1 folded broadside made between 1860 and 1861 by various elected officials, including Hon. Andrew Johnson, of Tennessee, Hon. Stephen A. Douglas, of Illinois, Hon. Jefferson Davis, of Mississippi, William H. Seward, and Hon. Milton S. Latham, of California, among many others. A complete list of all speeches is available upon request. \$ 3500.00

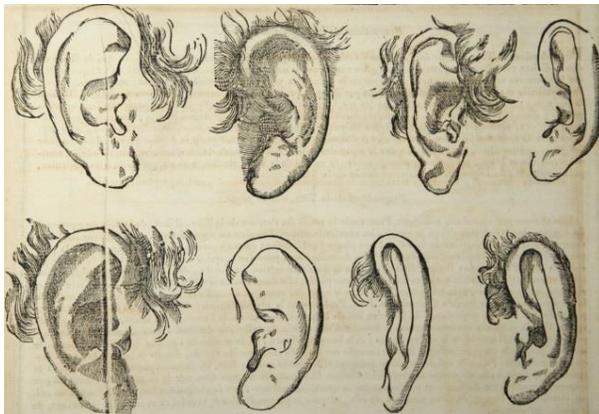


ONE OF THE GREATEST ADVANCES IN HUMAN THOUGHT

26. **COPERNICUS, Nicolaus.** *De revolutionibus orbium coelestium, libri VI . . . Narratio prima, per M. Georgium Ioachim Rheticum ad D. Ioan. Schonerum scripta.* Basel: Heinrich Petri, [September, 1566]. Folio. Contemporary vellum.

SECOND EDITION of Copernicus' epochal work, the first to propound the theory of planetary orbits. Added here for the first time is Rheticus' famous tract, *Narratio prima*, first published in 1540, containing the actual first announcement of Copernicus's system. \$ 180,000.00

ANATOMY FOR ARTISTS



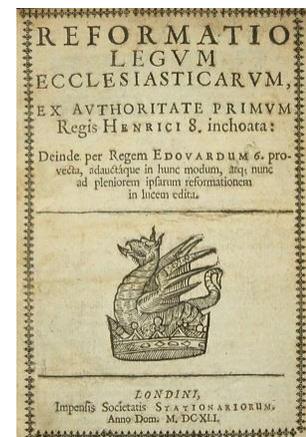
27. **COUSIN, Jean.** *L'art de dessiner . . . Augmente de plusieurs figures d'apres l'antique, avec leurs mesures et proportions; d'une description des os et des muscles du corps humaine. . . .* Paris: Chez Jean, Marchand d'Estampes, 1821. Oblong 4to. With 33 engraved plates. Contemporary morocco-backed marbled boards.

Cousin's treatise on anatomy contains many wonderful plates illustrating the proportions of different aspects of the body. It includes the head, face, limbs, torso and full figures of males, females and children. All muscles are noted and some of the plates are depicted in perspective. \$ 950.00

HENRY VIII'S DIVORCE ATTORNEY

28. **[CRANMER, Thomas].** *Reformatio legum ecclesiasticarum, ex avthoritate primvm regis Henrici 8 inchoata: deinde per regem Edovardum 6 provecta, adauctaque in hunc modum. . . .* London: Impensis Societatis Stationariorum, 1641. 4to. Contemporary calf.

THIRD EDITION. This work represents the single greatest effort to revise canon law for the newly established Church of England. These reforms were submitted to and rejected by Parliament on two occasions. It still remains an important source for information regarding church law during one of the most tumultuous periods of English history. \$ 950.00



TRAVEL ACCOUNT BY A "NOTORIOUS" WOMAN

29. **CRAVEN, Elizabeth Lady [Margravine Anspach]**. *A journey through the Crimea to Constantinople. In a series of letters from the right honourable Elizabeth Lady Craven, to his serene highness the Margrave of Brandenburg, Anspach, and Bareith.* London: G. G. J. and J. Robinson, 1789. 4to. Frontispiece map and 6 plates. Contemporary marbled boards.



FIRST EDITION. As though separating from your husband weren't bad enough in the late nineteenth century, reports of numerous infidelities with high ranking men would certainly place you at the center of gossip and scandal. Such was the case of Lady Craven, whose indiscretions, including a 'criminal intercourse' with the French Ambassador in London, made her a somewhat notorious character in European high society. After separating from Lord Craven in 1783, Elizabeth left her native England and traveled extensively in France, Italy, Vienna, Poland, Russia, Ukraine, Greece, Turkey, and points in-between. The present book is an account of these travels, published at the suggestion of her friend and admirer, Horace Walpole, in 1789. "This is her most important work, and it exploits to the full the gossipy and self-vindicating scope of first-person travelogue. She describes manners, customs, and landscapes, pronounces Lady Mary Wortley Montagu's favourable account of Turkey a forgery, and constructs a self-image of redoubtable British vigour as well as devoted and injured motherhood" (ODNB). \$ 1000.00

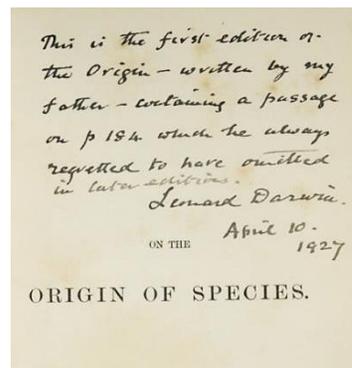
FOUNDATION OF MODERN METEOROLOGY

30. **DALTON, John**. *Meteorological observations and essays.* London: Printed for W. Richardson, J. Phillips, & W. Pennington, 1793. 8vo. Contemporary calf. FIRST EDITION, FIRST ISSUE, containing the first tentative germs of the laws of partial pressures and of gaseous expansion under constant pressure. \$ 3000.00

ASSOCIATION COPY WITH LETTERS AND UNRECORDED OFFPRINT

31. **DARWIN, Charles**. *On the origin of species by means of natural selection. . . .* London: John Murray, 1859. 8vo. Contemporary half-morocco over marbled boards. An excellent copy inscribed by Leonard Darwin, Charles' son, with related material bound in at the end, including a 2-page letter signed by Darwin, and an unrecorded offprint of a paper on Darwin's work.

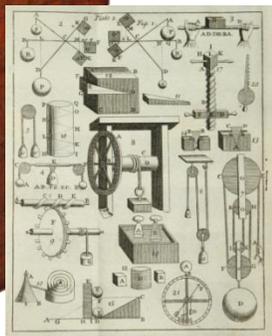
FIRST EDITION of Darwin's historic and pioneering work on the theory of evolution; certainly the most important biological book ever written. The half-title is inscribed by Leonard Darwin: *This is the first edition of the Origin -- written by my father -- containing a passage on p. 184 which he always regretted to have omitted in later editions -- 10 April 1927.* \$ 95,000.00



32. **DARWIN, Charles**. ALS. Down, 29 August, 1871. Single sheet, folded in half, with 2 pages entirely in Darwin's hand on his personal engraved stationary. Repairs where signature was cut away, and then re-attached.

"The most convenient time for your clerk to come here tomorrow Wednesday will be by the train which leaves Charring Cross at 5.5 or Cannon St. 5:15 arriving Orpington at 5:47, where I hope he will take a fly for the four mile drive. A suitable train to return will be the 8:20 from Orpington. I hope these hours will not be inconvenient. I buy leave to repeat my thanks for all your kind assistance in this affair." \$ 4500.00

A NEWTON EXPERT



**33. DESAGULIERS, J[ean] T[heophile].** *A system of experimental philosophy prov'd by mechanicks, wherein the principles and laws of physicks, mechanicks, hydrostaticks, and opticks, are demonstrated and explained at large, by a great number of curious experiments. . . . To which is added, Sir Isaac Newton's colours: the description of the condensing engine, with its apparatus: and Rowley's Horary; a machine representing the motion of the Moon about the Earth; Venus and Mercury about the Sun, according to the Copernican System.* London: Printed for B. Creake and J. Sackfield, and sold by W. Mears, 1719. 4to. With 10 fine folding engraved plates. Contemporary Cambridge binding.

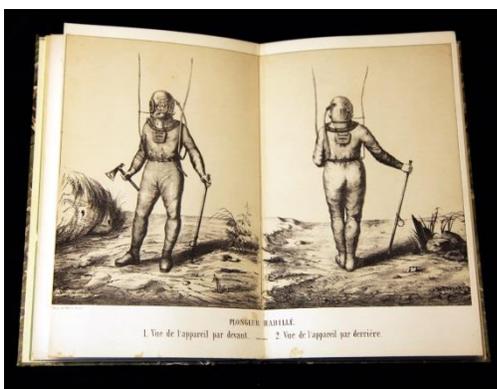
FIRST EDITION of this enlarged account of Desaguliers important mechanical lectures and experiments. He issued his *Physico-mechanical lectures* in 1717 as an 80-page tract containing brief abstracts of his lectures. Some of the remarkable accounts include "a description of the Air-Pump Mr. Boyle made use of;" different species of barometers, thermometers, and hydrometers; and his work on Isaac Newton. \$ 6000.00

**34. DOYLE, [Sir] Arthur Conan.** *The lost world.* London: Hodder and Stoughton, [1912]. 8vo. With frontispiece and 5 plates. Original pictorial blue cloth.

FIRST EDITION. The present work is the first story about the scientist Professor Challenger, in which he and his exploring party discover a pre-historic "Lost World" of dinosaurs in South America. It has been the model for several other books and movies which have treated the same topic. \$ 850.00



EARLY UNDERWATER TECHNOLOGY AND CLOTHING



**35. DU TEMPLE, M.L.** *Du scaphandre et de son emploi a bord des navires.* Paris: Arthus Bertrand [1861]. 8vo. With 1 double page and 1 folding plate. Morocco-backed marbled boards, with the original printed wrappers bound in; an excellent copy.

FIRST AND ONLY EDITION. While primitive underwater breathing methods had been around for centuries, individual suits were a vast improvement over early apparatus such as the bell-shaped helmet. This work focuses on a very specific type of diving suit patented by Joseph-Martin Cabriol. Though far from safe by today's standards, the Cabriol diving suit did represent a leap forward with certain safety features. \$ 3500.00

FASCINATING SIXTEENTH CENTURY REMEDIES FOR GOUT AND ARTHRITIS

**36. DUBOIS, Jean [SYLVIUS].** *De morbi articularii curatione tractatus quatuor. . . .* Antverpiae: Christophori Plantini, 1565. 8vo. Half vellum over boards.

FIRST EDITION of this rare and early work devoted to the causes and treatments of gout and arthritis, followed by a lecture on syphilis given by the author in Louvain on 15 December 1557 or 1558. A good portion of the text is devoted to listing and discussing various types of meat, fish, poultry and their relationship to gout and arthritis. \$ 3500.00

### THREE OF EINSTEIN'S MOST FAMOUS PAPERS

37. **EINSTEIN, Albert.** “Über einer die Erzeugung und Verwandlung des Lichtes betreffenden heuristischen Geischtspunkt.” (**with**) “Über die von der molekularkinetischen Theorie der Wärme geforderte Bewegung von in ruhenden Flüssigkeiten suspendierten Teilchen.” (**with**) “Zur Elektrodynamik bewegter Körper.” In *Annalyn der Physik*, 4. Folge, Band. 17. Leipzig: Johann Ambrosius Barth, 1905. 8vo. Contemporary cloth-backed marbled boards.

FIRST EDITION of arguably the most important issue of the *Annalen der Physik*, containing the three papers by Einstein, one for which he won the Nobel Prize in 1921, a work on Brownian motion, and the first statement of the special theory of relativity. \$ 15,000.00

### THE FOURTH DIMENSION

38. **EINSTEIN, A., LORENTZ, H., & MINKOWSKI, H.** *Das Relativitätsprinzip. Eine Sammlung von Abhandlungen.* Leipzig: Teubner, 1913. 8vo. With frontispiece portrait of Minkowski. Boards.

Sammelband containing the original papers on the special and general theories of relativity. It is in Minkowski's famous paper, *Raum und Zeit (Space and time)*, that he proposes the concept of time as the fourth dimension and initiates a mathematical study that became the basis of the later development of the theory. \$ 450.00



### GENERAL RELATIVITY

39. **EINSTEIN, Albert.** *Die Grundlage der allgemeinen Relativitätstheorie.* Leipzig: J. A. Barth, June, 1916. 8vo. Original printed wrappers.

FIRST SEPARATE PRINTING of Einstein's classic paper.

\$ 8500.00



### RELATIVITY EXPLAINED TO THE GENERAL PUBLIC

40. **EINSTEIN, Albert.** *Relativity. The special and general theory.* New York: Henry Holt and Company, [1920]. 8vo. With an etching of Einstein dated 1920. Blue cloth. FIRST AMERICAN EDITION, written for the average reader. \$ 950.00

### BROWNIAN MOTION

41. **EINSTEIN, Albert.** *Investigations on the theory of the Brownian movement.* London: Methuen & Co., [1926]. 8vo. Publisher's cloth.

FIRST EDITION IN ENGLISH of six of Einstein's works regarding Brownian motion. Einstein's original papers support his prediction that random motions of molecules in a liquid impacting on larger suspended particles would result in irregular, random motions of the particles. \$ 350.00

EDITIO PRINCEPS  
THE EARLIEST CONTRIBUTION  
TO THE PHILOSOPHY OF MATHEMATICS

42. **EUCLID.** [Greek:] *Elementa geometriac.* Basle: Johann Herwagen, 1533. Folio. With woodcut device on title and colophon, numerous woodcut diagrams. Contemporary English calf.

*EDITIO PRINCEPS* of Euclid's *Elements*, an epic-making text with the important commentary by the Neoplatonist mathematician and philosopher Proclus on the first book of the *Elements*, the earliest extant criticism of Euclid's fifth postulate on the existence of parallel lines. This led, after a further fifteen hundred years of effort, to the discovery of non-Euclidean geometry by Gauss, Bolyai and Lobachevsky.

\$ 35,000.00



BOY GENIUS - EULER'S FIRST PUBLICATION

43. **EULER, Leonhard.** *Positiones logicae miscellaneae quas . . . pro vacante cathedra logica ad d. 30. Jan. M DCC XXII . . . publico eruditorum examini subjiciet M. Joh. Rudolphus Battierius . . . respondente . . . Leonhardo Eulero.* [Basel]: E. & J.R. Thurneisen, 1722. 4to. Contemporary marbled wrappers.

FIRST EDITION of Euler's first publication. Just 14 years old, Euler responds to the thesis of Johann Rudolf Battier (1693-1759), a candidate for the Basel's vacant chair of logic. This publication is quite rare; OCLC locates only 1 copy at Basel, and only 1 other copy is known (in a private collection).

\$ 15,000.00

THE SCOURGE OF SYPHILIS - TWO EARLY DESCRIPTIONS

44. **FALLOPIUS, Gabriel.** *De morbo gallico [sic] liber absolutissimus a Petro Angelo Agatho Materate, (eo legente) scriptus . . . editis et scholiis marginalibus illustratus. Additus etiam est in calce de Morbo Gallico tractatus, Antonii Fracanciani Bononiae in loco eminentis scientiae faeliciter legentis.* Patauii: Lucam Bertellum; Christophorum Gryphium, 1564; 1563. Two works in one. 4to. Half-calf with paper boards.

FIRST EDITIONS of two rare treatises on syphilis. "In this classic work on 'the French disease,' Fallopius wrote more knowingly of the Europe-wide scourge of syphilis than previous authors on the subject and was one of the first to oppose the use of mercury in its treatment." The second treatise on the same subject is by Fracanzano (1500?-1569), who became professor of medicine at Padua in 1539.

\$ 12,000.00



COMPETITIVE SCIENTIFIC HAND  
READING

45. [GAME]. **LINDSAY, Gertrude Ann.** *Psychology of the hand simplified.* New York: Baker & Bennet Co., [1919]. Includes "Key to the Game," an explanatory manual entitled "Scientific Hand Reading, the Science of Cheirognomy or Hand Building Power," 5 chromolithograph sheets depicting the major personality types, and 10 cardboard chromolithograph sheets with die-cut hand shapes. All pieces intact and in excellent condition.

Straddling the line between phrenology and palmistry, scientific hand reading or "cheirognomy"

purports to reveal something about an individual's personality and psychology based upon the unique physical features of their hands. Each part, each finger, as well as the spaces between fingers, the palm, the lines, they tell a story. This game allows players to "build" a hand on the hand chart provided; the one who builds the most "perfect" hand wins.

\$ 700.00

**ILLUSTRATED CELESTIAL PHENOMENA**

**46. GARIBUS, Ioannis.** *De phoenomenis ostentis, ab anno MDCXLI ad MDCL.* Venetiis, Apud Iuntas, 1651. 4to. With a beautiful title vignette, 10 full-page woodcuts, and historiated and decorated initials throughout. Italian blocked printed paper over boards.

FIRST EDITION of a great rarity that brings together elements of astronomy with traditional astrology. Each of the ten striking wood block prints depicts a celestial phenomenon that occurred between 1641-1650, including the year, the reigning constellation and event itself, told through memorable emblematic visual imagery.

\$ 21,500.00



**CHIEF WORK ON CELESTIAL MECHANICS**

**47. GAUSS, Carl Friedrich.** *Theoria motus corporum coelestium in sectionibus conicis solem ambientium.* Hamburg: Perthes & Besser, 1809. 4to. Nineteenth-century half morocco over pebbled cloth.

FIRST EDITION, a classic of astronomy and mathematics. In this, his chief work on celestial mechanics, he introduced the principle of curvilinear triangulation and the four formulae in spherical trigonometry known as “Gauss’s Analogies,” by which he was able to accurately calculate and predict orbit location.

\$ 4500.00

**EARLIEST INVENTION OF THE TELEPHONE (?)**



**48. [GAUTHEY, Emiland-Marie].** *Expérience sur la propagation du son et de la voix dans des tuyaux prolongés a une grande distance, nouveau moyen d'établir & d'obtenir une correspondance très rapide entre les lieux fort éloignés.* Philadelphia & Paris: Chez Prault, 1783. 8vo.

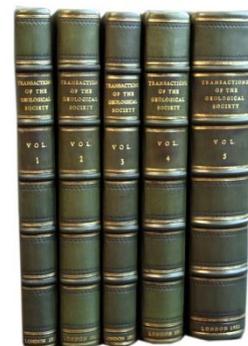
FIRST AND ONLY EDITION of this extraordinary monograph on the construction and use of what is possibly the earliest invention of the telephone. The apparatus consisted of a series of specially built acoustic tubes, linked together over a distance of 100 feet or so. The interlocutor would speak into the custom-built wooden mouthpiece while the auditor placed their ear to the other end, and vice-versa, to continue the conversation. Thus the long distance transmission of sound was first described. The invention was presented to the Académie de Sciences in Paris, where it was well received, especially by the Marquis de Condorcet, who was so impressed that he wrote a report on Gauthey’s description and took up a subscription to fund the experiment on a larger scale.

\$ 6500.00

**FOUNDATIONAL WORKS IN GEOLOGY**

**49. GEOLOGICAL SOCIETY OF LONDON.** *The transactions of the Geological Society of London.* London: William Phillips, 1811-1821. Five volumes. 4to. With 70 maps and plates. Full calf; a splendid copy.

FIRST EDITION of the first five volumes, the complete first series, representing the Society’s earliest systematic publication, published from 1811 to 1856. During this period the *Transactions* featured almost 350 papers by authors including Richard Bright, James Parkinson, David Brewster, William Buckland, J.S. Henslow, John MacCulloch and Rev. Conybear, many of which have become classics. \$ 8500.00





**EYE-WITNESS ACCOUNT  
OF THE 1631 VESUVIUS ERUPTION**

**50. GIULIANI, G. Bernardino.** *Trattato del Monte Vesuvio e de suoi incendi.* Naples: Egidio Longo, 1632. 4to. Eighteenth-century holograph title, frontispiece in facsimile. With 2 engraved plates. Contemporary vellum backed boards. **FIRST AND ONLY EDITION** published only six months after the great Vesuvius eruption of 1631. This treatise is one of the earliest accounts of the natural disaster that still ranks among the most devastating in European history. \$ 3500.00

**ORIGINAL OFFPRINT OF GÖDEL'S PROOF**

**51. GÖDEL, Kurt.** "Über formal unentscheidbare Sätze der Principia Mathematica und verwandter Systeme I." Offprint from *Monatsheften für Mathematik und Physik*, XXXVIII, Band I. Leipzig: Akademische Verlagsgesellschaft, 1931. 8vo. Original printed back wrapper (front in facsimile from the copy owned by Princeton University, with *Überreicht vom Verfasser* printed on top). **FIRST EDITION OF THE FIRST PRINTING** of Gödel's Proof, the single most celebrated result in mathematical logic. This paper, *On Formally Undecidable Propositions* (Gödel's Incompleteness Theorem), in which he proved that arithmetic was incomplete, is of legendary rarity. \$ 55,000.00

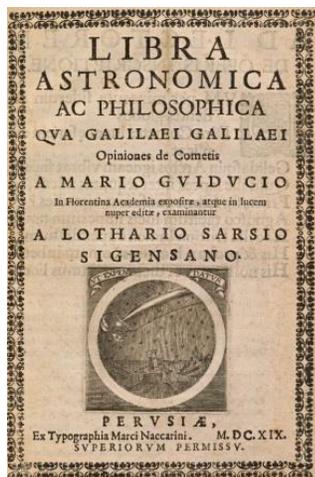


**GOULD'S STUNNING PARTRIDGES**

**52. GOULD, John.** *A monograph of the odontophorinæ, or partridges of America.* London: Richard and John E. Taylor for the Author, [1844]-1850. Large folio. Complete with half title, list of subscribers, and 32 magnificent hand-coloured plates. Contemporary morocco with elaborately gilt decorated spine. **FIRST EDITION** of Gould's splendid folio on the partridges of America, in which he celebrates the unassuming game bird in a grand and sumptuous style, expertly illustrating 35 partridge species in their natural surroundings. \$ 24,000.00

THE EXCEEDINGLY RARE PRECURSOR  
TO BURTON'S ANATOMY OF MELANCHOLY

53. **GRAHAME, Simion.** *The Anatomie of Humors.* Edinburgh: Thomas Finlason, 1609. 4to. Tipped in is a leaf with 2 pages of nineteenth-century manuscript dealing with the history of this book. FIRST EDITION of the original printed treatise. This work, consisting of prose interspersed with verse, describes the melancholy or humors of man. Like so many other writers on the subject, including Burton, Grahame's inducement was due in great part to his own depression and melancholy. \$ 45,000.00



ONE OF THE GREATEST ARGUMENTS IN SCIENCE:  
THE CONTROVERSY OF THE COMETS

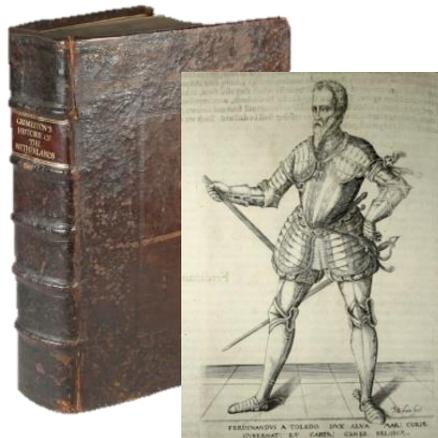
54. **[GRASSI, Orazio].** *Libra astronomica ac philosophica qua Galilaei Galilaei, opiniones de cometis a Mario Guiducio in Florentina Academia expositae, atque in lucem nuper editae, examinantur a Lothario Sarsio Sigensano.* Perugia: Marci Naccarini, 1619. 4to. Engraved title vignette of one of the 1618 comets in the constellation of Libra. Antique calf in a contemporary style. FIRST EDITION of Grassi's extraordinarily important and bitter attack on Galileo's theory of the nature of comets, later inspiring *Il Saggiatore*. \$ 24,000.00

JUST DON'T BLOW UP THE HOUSE!

55. **[GRIFFIN, John Joseph].** *Chemical recreations: a series of amusing and instructive experiments, which may be performed easily, safely, and at little expense.* . . . Glasgow: Richard Griffin & Co., et al., 1824. 12mo. With 6 plates. Original printed boards. THIRD EDITION. After setting forth the basics of chemistry, compounds, and apparatus, it proposes a number of experiments to illustrate various techniques and processes. For example, "Immerse a piece of gold – a coin will do – in a glass of mercury. After a few seconds, take it out: it will be apparently transformed into silver. Drop the silver-looking metal into a little diluted nitric acid..." Another experiments shows how charcoal burns so brilliantly in oxygen, and how to produce carbonic acid. Make sure you have all the ingredients before starting your experiments! \$ 550.00

ILLUSTRATING THE NOBILITY OF THE  
NETHERLANDS

56. **GRIMESTON, Edward.** *A generall historie of the Netherlands. With the genealogie and memorable acts of the earls of Holland, Zeeland and West-Friseland, from Thierry of Aquitaine the first earle, successively unto Philip the Third of Spaine: continued unto the present year of our Lord 1608, out of the best authors that have written of that subject.* London: A. Islip and G. Eld., 1609. Folio. With engraved title and 56 large text engravings. Contemporary mottled calf. FIRST EDITION, second issue of this elaborate work on the Netherlands. The author details the lives, loves and politics of the rulers and nobility in the Netherlands from the start of the fourteenth century through 1608. \$ 2000.00



FROM RUSSIA WITH LOVE: A LADY'S TRAVEL ACCOUNT IN LETTERS

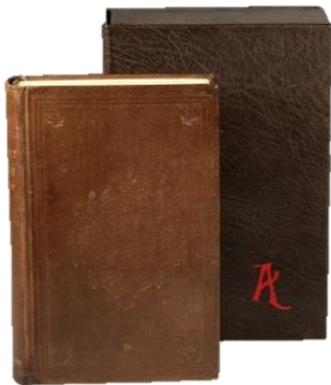
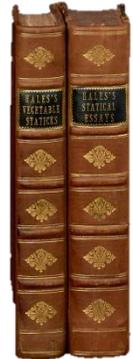
57. **GUTHRIE, Maria (GUTHRIE, Matthew, Ed.).** *A tour, performed in the years 1795-6, through the Taurida, or Crimea, the antient kingdom of Bosphorus, the one-powerful republic of Tauric Cherson, and all the other countries on the north shore of the Euxine, ceded to Russia by the Peace of Kainardgi and Jassy. . . .* London: Printed by Nichols and Son, 1802. 4to. Complete with 2 folding maps, 3 full-page plates, and numerous text illustrations. Dark green half calf with marbled boards.

FIRST EDITION of this travel account of Crimea and the Black Sea region. Guthrie's letters include a variety of subject matter, from anecdotes and larger-than-life personalities, to the history of the region and its many cultural treasures. \$ 750.00

CIRCULATION IN PLANTS AND ANIMALS

58. **HALES, Stephen.** *Vegetable staticks; or, an account of some statical experiment on the sap in vegetables: Being an essay towards a natural history of vegetation. (offered with) Statical essays: Containing haemastaticks, or, an account of some hydraulick and hydrostatical experiments made on the blood and blood vessels of animals.* London: Printed for W. Innys and R. Manby, and T. Woodward, 1727; 1733. Two volumes. 8vo. With 19 plates. Contemporary paneled calf; bookplate of Myron Prinzmetal.

FIRST EDITION of both volumes. The first is Hales' classic on the physiology of plants, the second his pioneering invention of the manometer, with which he was the first to measure blood pressure. *PMM, 189a; Dibner, 26; Horblit, 45a.* \$ 8500.00



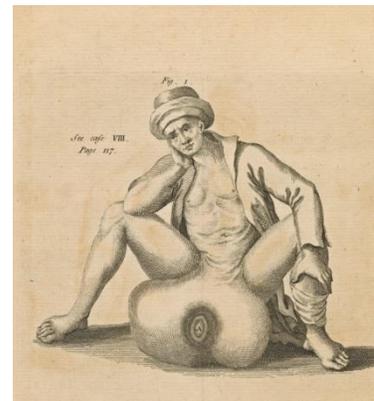
59. **HAWTHORNE, Nathaniel.** *The scarlet letter.* Boston: Ticknor Reed and Fields, 1850. 8vo. Title in red and black with publisher's ads dated March 1, 1850 between front endpapers.

FIRST EDITION, WITH ALL FIRST ISSUE POINTS. Original blind-stamped brown cloth. A superb copy, possibly re-cased and preserved in a morocco clamshell box with a scarlet "A" applique on front cover. First edition, first issue of one of the great classic of American literature. Printed in a limited edition of 2500 copies. \$ 12,500.00

SHOCKING ILLUSTRATIONS OF ELEPHANTIASIS

60. **HENDY, James.** *A treatise on the glandular disease of Barbadoes: proving it to be seated in the lymphatic system. (bound with) A vindication of the opinions and facts, contained in a treatise on the glandular disease of Barbadoes.* London: C. Dilly; G. Kearsley, 1784; 1789. Two volumes in one. 8vo. With 3 full-page illustrations. Contemporary calf-backed marbled boards; a very fine copy.

FIRST EDITIONS of these extremely rare works on medicine in the Americas. The first is an important treatise on glandular diseases of Barbados, a leprosy variety also known as *Jambe des Barbades* or "Red evil." It is here that Hendy correctly identifies elephantiasis, the first separately printed English account of this disease. Five years later, Hendy returned to the subject to report new facts and reply to various criticisms received. \$ 8500.00





### MAKING THE MOST OF YOUR TULIPS

61. [HILL, John]. *A method of producing double flowers from single, by a regular course of culture.* London: R. Baldwin, 1758. 4to. With 8 large folding engraved plates.

FIRST EDITION of this extremely rare and little known work on tulips. Hill gives a detailed account of understanding the process of nature, as well as directions on how to double the flowers of many plants. Though best known for his botanical works with which he introduced the classification system of Linnaeus into England, Hill was certainly one of the most controversial figures in eighteenth-century England.

\$ 4500.00

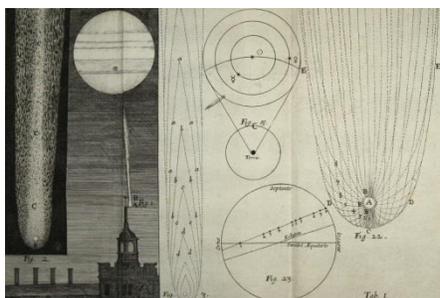
### NINETEENTH-CENTURY SPRING BREAKERS

62. HILL, Lucy A[nn]. *Rhine roamings.* Boston: Lee and Shepard, and New York: Charles T. Dillingham, 1880. 8vo in-4. Frontispiece and 3 plates. Publisher's cloth.

FIRST AND ONLY EDITION of this rare travelogue written by a young woman studying and traveling throughout the Rhine valley. One of six teenagers sent to live with the Widow von Heine, the author describes her days spent visiting museums, churches, gardens and other locales. Evenings were set aside for writing letters, playing games, and general partying. Of particular interest are her descriptions of early architecture and the new and interesting foods that were introduced during their travels. Of course there was some drama, as befalls teenage girls, even in the nineteenth century. Unique, as from the perspective of a young girl away from home.



\$ 450.00



### SUPPLEMENT TO THE MICROGRAPHIA

63. HOOKE, Robert. *Lectures and collections.* . . . London: J. Martyn, 1678. 4to. An excellent copy, crisp and clean, in modern polished calf.

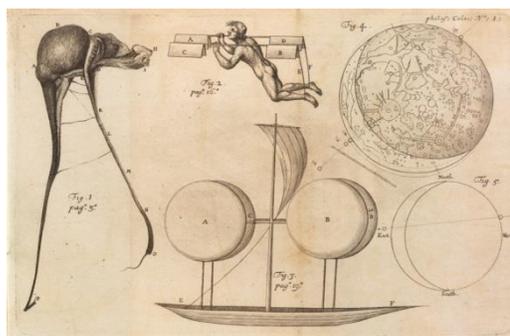
FIRST EDITION of one of the very rare volumes of the author's lectures. Hooke's contributions include a discussion of the comets visible during the 1660's and confirmation of Leeuwenhoek's microscopy experiments.

\$ 12,500.00

### THE INTERIM PHILOSOPHICAL TRANSACTIONS

64. [HOOKE, Robert, ed.]. *Philosophical collections, containing an account of the physical; anatomical, chymical, mechanical, astronomical, optical, or other mathematical and philosophical experiments and observations as have lately come to the publisher hands.* . . . London: [John Martyn], Moses Pitt, and Richard Chiswell, 1679-82. Seven issues (all published) in one volume. 4to. With 7 engraved plates. Contemporary marbled boards.

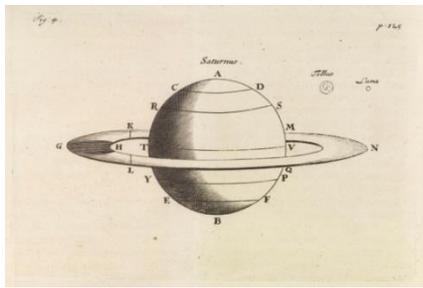
FIRST EDITION of the complete *Philosophical collections*, printed in a very small edition, and now exceptionally rare. The death of the Royal Society's secretary, Henry



**B & L ROOTENBERG - Fine & Rare Books & Manuscripts**

Oldenburg, in 1677 interrupted the publication of the *Philosophical transactions*. These scientific papers, edited by Hooke, were issued to fill the void until it resumed again in 1682. Included are contributions by Hooke, as well as Leeuwenhoek's announcement of the "discovery of spermatozoa"; Lana's "flying chariot"; Tyson's *Anatomy of a porpess* (sic); and astronomical observations by Hevelius, Flamsteed, and Cassini on the eclipse of Jupiter by the moon in 1679 and 1681. In addition, discoveries by Moxon, Malpighi, Thomas Burnett, Edmund Halley, Bernoulli, and Leibniz are included. \$ 24,000.00

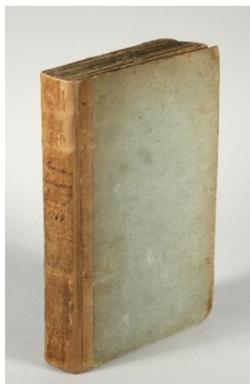
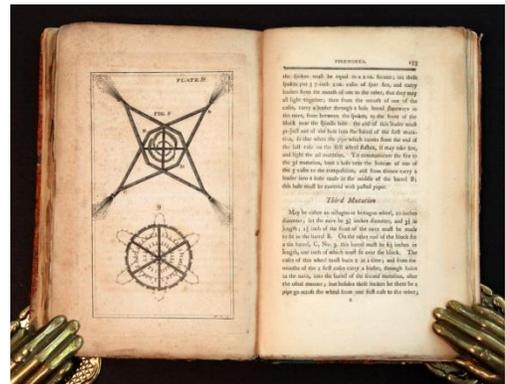
**65. HUMBOLDT, Alexandre de.** *A geognostical essay on the superposition of rocks, in both hemispheres.* London: Longman, Hurst, Rees, Orme, Brown, and Green, 1823. 8vo. Contemporary cloth. FIRST EDITION IN ENGLISH. The present book is Humboldt's most significant work in geology, in which he treats the superposition of rocks, and introduces the names "Jurassique" and "Jura formation." \$ 850.00



**66. HUYGENS, Christian.** *Opera reliqua. (with) Opera posthuma.* Amsterdam: Janssonio-Waesbergios, 1728. Two works in one. 4to. With 58 folding engraved plates. Contemporary calf. FIRST EDITION. The present volumes contain Huygens' works on gravity and accelerated motion, the laws of elastic bodies, and the undulatory theory of light, certainly one of his most important achievements. Also included are his tracts on optics, instructions on grinding lenses for telescopes, and a description of the Planetary Automate machine he constructed portraying the movements of the solar system. \$ 8500.00

**EVERYTHING ABOUT FIREWORKS**

**67. JONES, Capt. [Robert].** *Artificial fireworks, improved to the modern practice, from the minutest to the highest branches. . . .* Chelmsford: Printed and sold by Meggy and Chalk, 1801. 8vo. With 20 numbered plates. Contemporary marbled boards, backed in green cloth. FOURTH EDITION. Many books were printed about the mechanics of pyrotechnic displays, but Jones's work "is the first book dealing exclusively with recreational fireworks in English since Babington's classic work of 1635, 130 years earlier" (Philip, 78). This final edition has quite a different format from previous incarnations. \$ 950.00



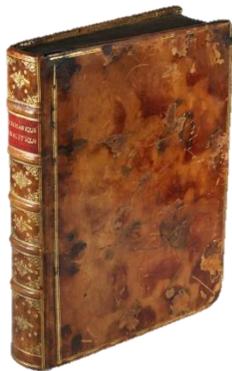
**KIRWAN'S ATTACK OF HUTTON'S THEORIES**

**68. KIRWAN, Richard.** *Geological essays.* London: D. Bremner, 1799. 8vo. An uncut copy in the original boards, fantastic condition. FIRST EDITION of Kirwan's attempt to reconcile his geological observations with the history of the earth as related in Genesis. The first part of the book comprises a basic primer of geology, with a substantial amount of chemical and mineralogical information. The final chapter contains a bitter attack on James Hutton's geomorphological theory. \$ 1850.00

## DECIDING THE CORRECT SHAPE OF THE EARTH

**69. LA CONDAMINE, [Charles Marie de].** *Journal du voyage fait par l'ordre du roi, à l'équateur, servant d'introduction historique à la mesure des trois premiers degrés du méridien. (offered with) Mesure des trois premiers degrés du méridien dans l'hémisphère Austral, tirée des observations de M. de l'Académie royale des sciences, envoyés par le roi pour l'équateur.* Paris: De L'Imprimerie Royale, 1751. Two separate volumes. 4to. With 6 engraved plates, including the map of Quito, in the first work, and 3 plates in the second work. Contemporary tree calf.

FIRST EDITION of the account of the scientific expedition to the equator sponsored by the Academie des Sciences. \$ 8500.00



## FOUNDATION OF ANALYTIC MECHANICS

**70. LAGRANGE, Joseph Louis.** *Mécanique analytique.* Paris: la Veuve Desaint, 1788. 4to. Contemporary polished calf. From the library of H.C. Schumacher.

FIRST EDITION of the author's masterpiece which laid the foundation of modern mechanics. It contains the discovery of the general equations of motion, the first major contribution to theoretical dynamics after Newton's *Principia*.

\$ 18,000.00

## AN EARLY RUSSIAN VISIT TO SAN FRANCISCO

**71. LANGSDORFF, G[eorg] H[einrich] von.** *Voyages and travels in various parts of the world, during the years 1803, 1804, 1805, 1806, and 1807.* Carlisle: Printed by George Philips, 1817. 8vo. in 4's. Lacking the frontispiece, but with half-titles to each part present. Later quarter calf and marbled boards.

FIRST AMERICAN EDITION (a reprint of the first English translation published in London, 1813-14). Langsdorff accompanied Adam Johann Ritter von Krusenstern's 1803 first Russian expedition to circumnavigate the globe as a naturalist and physician, but parted ways with the crew in 1805 upon reaching Kamchatka - a peninsula in far eastern Russia - continuing on to explore the Aleutian Islands and Alaska. In 1806 he sailed from Sitka to the Spanish presidio at San Francisco. He provides detailed descriptions of the region and of his meeting with commandant José Argüello. The visit resulted in the famed romance between Count Nikolay Rezanov of the Russian-American Company, who had traveled with Langsdorff, and Concepción de Argüello, the Spanish commander's daughter, immortalized in literature by Bret Harte, Gertrude Atherton, and others throughout the years. In addition to his descriptions of these places, Langsdorff also includes accounts of Brazil, Japan, Hawaii and Alaska.

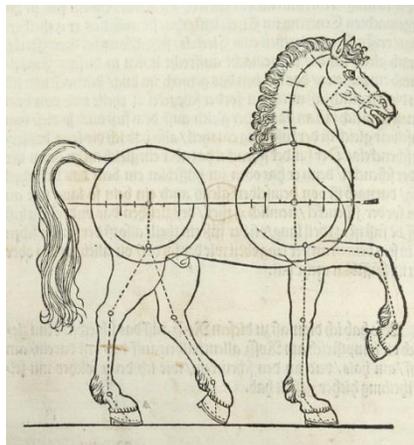
\$ 3500.00

## DISCOVERING EVIDENCE OF PRE-HISTORY IN BIBLICAL LANDS

**72. LARTET, Louis.** *Exploration géologique de la Mer Morte de la Palestine et de l'Idumée.* Paris: Arthus Bertrand, [ca. 1876-1877]. Folio. With 14 plates (4 double-page and in color) and text illustrations. Later half-morocco over marbled boards.

FIRST AND ONLY EDITION of this extremely rare work on the geology and paleontology of the Dead Sea and its environs, considered the most complete survey of the area's prehistory available at the time. Rare on the market. \$ 12,000.00





**73. LAUTENSACK, Heinrich.** *Des Circels unnd Richtscheyts, auch der Perspectiva, und Proportion der Menschen und Rosse kurtze, doch gründtliche Underweisung dess rechten Gebrauchs. . . .* Frankfurt: [Georg Raben for Sigmund Feyerabend and Heinrich Lautensack], 1564. 4to. Title in red and black. With 3 folding woodcut plates, and 107 woodcut text illustrations. Old vellum.

FIRST EDITION of this rare treatise on perspective and draughtsmanship, important for its use by artists, architects, and goldsmiths. The woodcuts are all the author's original work, though he was clearly influenced by Leonardo and Dürer. The work contains elements of linear geometry with a more detailed presentations of two-dimensional figures and the construction of stereometrical bodies. Another section on human proportion owes much to Dürer's *Vier Bucher von Menschlicher Proportion* (1525) and

also includes woodcuts illustrating the proper proportions of a horse.

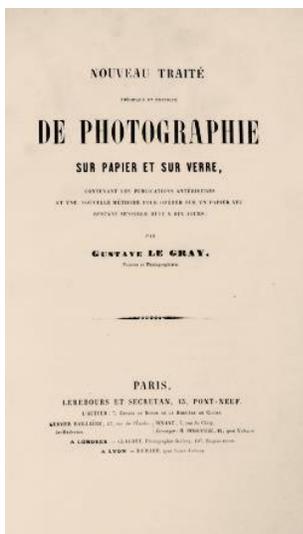
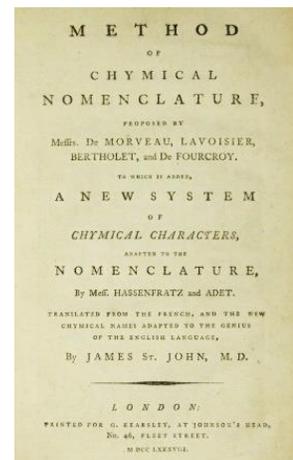
\$ 14,500.00

## THE FOUNDATION OF MODERN CHEMICAL NOMENCLATURE

**74. LAVOISIER, Antoine-Laurent, et al.** *Méthode de nomenclature chimique, proposée par MM. de Morveau, Lavoisier, Bertholet, et de Fourcroy. On y a joint un nouveau système de caractères chimiques, adaptés à cette nomenclature, par MM. Hassenfratz & Adet.* Paris: Chez Cuchet, 1787. 8vo. With half-title, 6 large folding copperplates, and large folding table; cherub vignette on title, pages 241-56 misnumbered. Contemporary calf, gilt spine; an excellent copy from the libraries of Arnold Thackery and Paul Broca, French physician, anatomist, and anthropologist, with their bookplates.

FIRST EDITION, FIRST ISSUE OF THE FIRST PRINTING, of one of the most important works in the history of modern chemistry. Lavoisier's discoveries brought about a critical need to develop a new chemical nomenclature. The result of a collaboration between Berthollet, Fourcroy, de Morveau, Lavoisier, and others, is contained in this volume, and marks the foundation of modern chemical nomenclature.

\$ 3500.00



## THE MOST IMPORTANT PHOTOGRAPHER OF THE 19<sup>TH</sup> CENTURY

**75. LE GRAY, Gustave.** *Nouveau traité théorique et pratique de photographie sur papier et sur verre, contenant les publications antérieures et une nouvelle méthode pour opérer sur un papier sec restant sensible huit à dix jours. (bound after) Nouveau traité théorique et pratique de photographie sur papier et sur verre. . . . (bound with) Supplément au catalogue de 1846 et prix-courant contenant les appareils les plus nouveaux de Lerebours et Secretan.* Paris: Germer Baillière, etc., Juin, 1850; Paris: Lerebours et Secretan, [1851]; [Paris: Lerebours et Secretan], Janvier, 1850. 8vo. The catalogue contains numerous illustrations of photographic and related equipment. Contemporary half-calf and marbled boards.

THE RARE FIRST EDITION of Le Gray's influential manual including instructions on the preparation of waxed-paper negatives, together with the greatly expanded second edition and a substantial catalogue of cameras and photographic equipment from the leading retailer of the period.

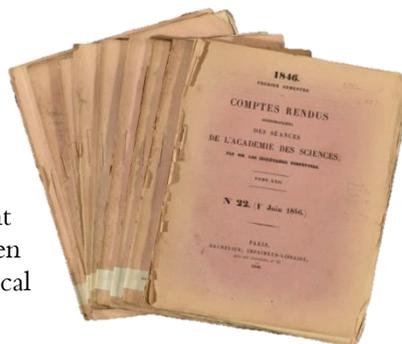
\$ 15,000.00

**DISCOVERY OF THE PLANET NEPTUNE**

**76. LE VERRIER, Urbain Jean Joseph.** “Sur la planète qui produit les anomalies observées dans le mouvement d’Uranus” in *Comptes rendus*. 9 offprints or issues. 4to. All in original printed wrappers.

FIRST EDITIONS, FIRST PRINTINGS. These publications represent the cumulative work of Le Verrier’s prediction of the existence of the then unknown planet Neptune, using only mathematics and astronomical observations of the planet Uranus.

\$ 7500.00

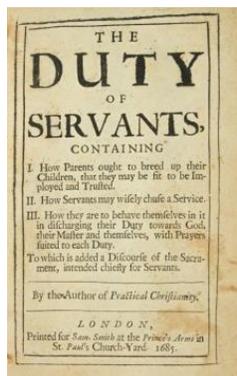


**“MATERIAL OF UNQUESTIONABLE LOYALTY” TO THE NATION**

**77. [LOYAL PUBLICATION SOCIETY OF NEW YORK].** *Tracts issued by the Loyal Publication Society, from Feb. 1, 1863, to Feb. 1, 1864.* Nos. 1 to 44; Nos. 45 to 78. New York: By the Loyal Publication Society, 1864-65. Two volumes. Thick 8vo. With the original printed wrappers bound in. Half-calf and cloth, calf-backed marbled boards.

FIRST EDITIONS of the complete set of pamphlets published by the Loyal Publication Society, whose purpose was to publish and distribute material “of unquestionable loyalty throughout the United States . . . in the army and navy, and in hospitals, thus to diffuse knowledge and stimulate a broad national patriotism, and to aid in the suppression of the Rebellion by the extinction of its causes, and in the preservation of the integrity of the Nation, by counteracting the efforts of the advocates of a disgraceful and disintegrating peace.”

\$ 7500.00



**INSTRUCTIONS ON HOW TO BE A SERVANT**

**78. [LUCAS, Richard].** *The duty of servants.* . . . London: Sam. Smith, 1685. 8vo. With an unrecorded title page, most likely a first issue. Full morocco in an antique style.

FIRST EDITION of this noteworthy treatise describing the religious and moral obligations of those who become servants. From responsibilities of the parents of children who know they will choose service as a livelihood to a servant’s responsibilities toward the children of the Master, we learn about life in service during the seventeenth century. Perhaps most interesting is the discussion of the relationship between servants, including those working for the same Master.

\$ 5500.00

**WITH A DESCRIPTION OF MOSCOW’S GREAT FIRE AND REBIRTH**

**79. MACMICHAEL, William.** *Journey from Moscow to Constantinople in the years 1817, 1818.* London: John Murray, 1819. 4to. Complete with frontispiece and 5 full page plates. Quarter calf with plain paper boards.

FIRST EDITION of this rare travel account of Russia, Turkey, and the surrounding region. His descriptions of Moscow are particularly interesting for his observations of the great reconstruction following the fire of 1812 (coinciding with Napoleon’s arrival), which decimated most of the city. Many of the iconic neoclassical buildings that come to mind – the Kremlin and the Bolshoi to name a few – were built during this period. The author’s route also took him into Romania, where he provides a wonderful description of the Court at Bucharest, then on to Syria and the Holy Land.

\$ 1850.00

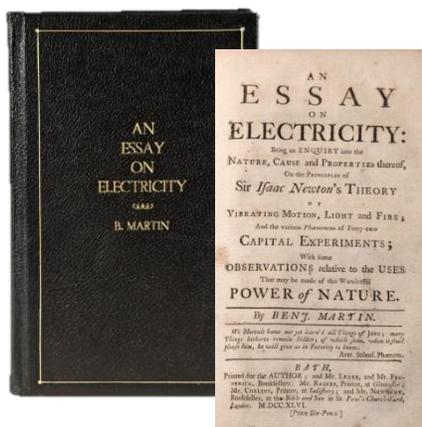


### TRAVEL IN PERSIA

80. [MALCOLM, Sir John]. *Sketches of Persia, from the journals of a traveller in the East*. London: John Murray, 1827. Two volumes. 8vo. Contemporary polished calf.

FIRST EDITION of Malcolm's travels through Persia. He starts the journey from Bombay, sailing into the Persian Gulf, arriving at Abusheher. From there his party moves inland into the mountains, and finally reaches Shiraz and then Persepolis. Throughout his journey, Malcolm fills this work with his observations about the people he meets, and recounts Persian folk stories and fables.

\$ 1200.00



### EFFECTS OF ELECTRICITY ON HUMAN BODIES

81. MARTIN, Benjamin. *An essay on electricity: being an enquiry into the nature, cause and properties thereof, on the principles of Sir Isaac Newton's theory of vibrating motion, light and fire; and the various phaenomena of forty-two capital experiments; with some observations relative to the uses that may be made of this wonderful power of nature*. Bath: Printed for the author, 1746. 8vo. Full black morocco.

FIRST EDITION of the author's rare essay on electrical induction with his descriptions of a series of experiments.

\$ 4000.00

### REMARKABLE MATHEMATICS SAMMELBAND

82. [MATHEMATICS]. Six papers bound together. 8vo. Contemporary half-calf and marbled boards.

1. DEDEKIND, Richard. *Was sind und was sollen die Zahlen*. Braunschweig: Vieweg and Son, 1888. FIRST EDITION, RARE, of Dedekind's important work on set theory. A follow-up to his epochal 1872 publication, *Stetigkeit und irrationale zahlen*, which gave the first rigorous definition of the system of real numbers and laid the foundation for much of modern day real analysis and point-set topology, he here elaborates on his attempts "to derive a purely logical foundation for arithmetic, and devised a number of axioms that formally and exactly represented the logical concept of whole numbers" (DSB).

2. FISCHER, Otto. *Konforme abbildung sphärischer dreiecke auf einander mittelst algebraischer funktionen*. Leipzig: von Metzger & Wittig, 1885.

FIRST EDITION of the author's thesis on conforming images of spherical triangles by means of algebraic functions.

3. PHRAGMÉN, [Lars] E[dvard]. *Über die Berechnung der einzelnen Glieder der Riemann'schen primzahlformel*. Stockholm: Kongliga vetenskaps-Akademiens Förhandlingar, 1891.

FIRST EDITION of this famous work on the calculation of the individual members of the Riemann prime number formula.

4. NEUMANN, Carl. *Ueber den Satz der virtuellen verrückungen; Ueber das princip der virtuellen oder facultativen verrückungen*. [Leipzig: von Breitkopf und Härtel, 1869].

FIRST EDITIONS of two separate papers on virtual displacements. Neumann created the second-type boundary, which, when imposed on an ordinary or partial differential equation, specifies the value that the derivative of a solution is to take on the boundary of the domain.

5. LERCH, M[atyaš]. *Contributions à la théorie des fonctions; Addition au mémoire présenté dans la séance du 15 Octobre* [Prag, 1886].

TWO SEPARATE PAPERS. FIRST PRINTINGS of Lerch's contributions to general mathematical functions. These papers are the first in a series dealing with the general theory of functions, the most

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significant of which constitutes construction of continuous functions having no derivative. With a 4 page letter containing mathematical symbols handwritten by Lerch to Karl Weierstrass tipped in.

**6. MÉRAY, [Hugues Ch[arles Robert].** *Théorie des radicaux fondée exclusivement sur les propriétés générales des séries entières.* Dijon, Darantiere, [1885].

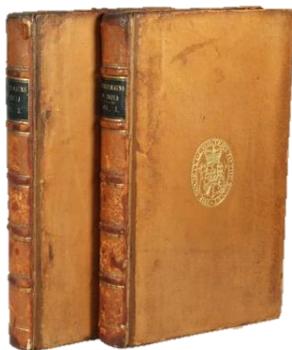
FIRST EDITION of Méray's famous work on radical theory based exclusively on the general properties of power series. Title page in manuscript signed by Méray and dated Dijon, 1891. With annotations throughout probably by the author for another edition. \$ 10,500.00

**83. MATTIOLI, Petri Andreae.** *Commentarii denuo aucti in libros sex Pedacii Dioscoridis Anazarbei de Medica Materia. (bound with) Apologia adversus amathum lusitanum.* Lyon: Gabriel Cotier, 1562. 4to. With 640 text woodcuts, some in contemporary hand-color; an excellent copy in contemporary calf with contemporary annotations.

THIS EDITION FROM COTERIUS was apparently the only Latin edition printed in Lyon. The first Venetian edition was published in 1554 and contained nearly 100 fewer woodcuts. \$ 9500.00



**MUSLIM LIFE IN INDIA BY AN ENGLISH WOMAN**



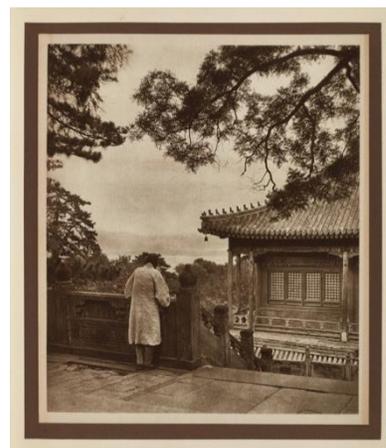
**84. MEER HASSAN ALI, Mrs.** *Observations on the Mussulmauns of India: descriptive of their manners, customs, and habits, and religious opinions. . . .* London: Parbury, Allen, and Co., 1832. Two volumes. 8vo. Contemporary calf, rebacked, gilt stamp of "Society of Writers to the Signet" on all covers. An exceptionally clean copy.

FIRST EDITION. No mere travelogue, this fascinating and often overlooked work is an important account of the customs, beliefs, and practices of Muslims in India during the early nineteenth century. Written in the form of 27 letters by an Englishwoman who spent twelve years in northern India with her husband, an employee of the East India Company, this account challenged many of the reigning stereotypes held by Westerners at the time. Although she remained a Christian, the author gained intimate knowledge of the community in which she lived and included detailed descriptions of daily life and customs, including everything from the role of charity in Muslim culture to interactions between masters and slaves. Indeed, she even accounts on the life of Muslim women, describing religious feasts and fasts, marriage ceremonies and that of the surroundings of a native household. \$ 3500.00

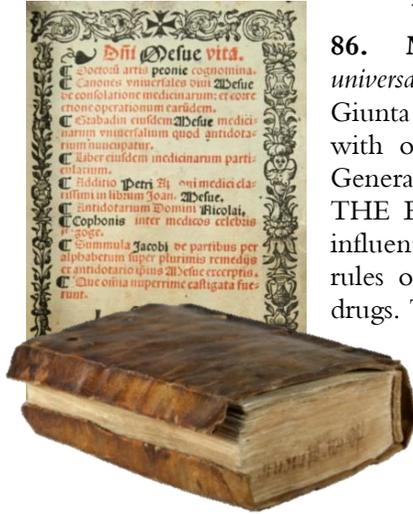
**AMAZING PHOTOGRAPHS OF CHINA**

**85. MENNIE, Donald.** *The pageant of Peking comprising sixty-six Vandyck photogravures of Peking & environs from photographs by Donald Mennie; with an introduction by Putnam Weale.* Shanghai: A.S. Watson, 1920, [1921]. Folio. With 40 pages of text, and 66 tipped-in Vandyck photogravures. Original blue silk cloth with Chinese cyphers. From the library of Charles R. Crane, former United States Minister to China.

FIRST EDITION, second issue. Mennie's marvelous images depict a record of the city, people, sights and architecture and "evoked a romantic vision of antique China, featuring shopkeepers, travelers, merchants, dusty caravans, misty villages, old palaces, the Forbidden City, and the Great Wall of China." \$ 3000.00



LOCATING AND TESTING NEW MEDICINAL HERBS



86. **MESUE, the younger (called pseudo).** *Mesue vita . . . Canones universales. . .* [Lugduni, impressa per Antonium du Ry impensis Jacobi de Giunta & sociorum], 1531. Two parts in one. 8vo. Contemporary limp vellum with overlapping edges; contemporary annotations and underlining in text. Generally, an unsophisticated and superbly preserved copy.

THE EXTREMELY RARE SECOND EDITION (2 copies located) of an influential medieval Latin text about purgatives. The first part deals with the rules of treatment in general and the second with the properties of various drugs. Touch, taste and smell are of particular importance in order to determine the characteristics of a drug, but color, age, durability and location of an herb add to the overall potential. Among the numerous sections are treatments of fever, headache, vertigo, eyesight, loss of stomach function, thirst and many more. \$ 9500.00

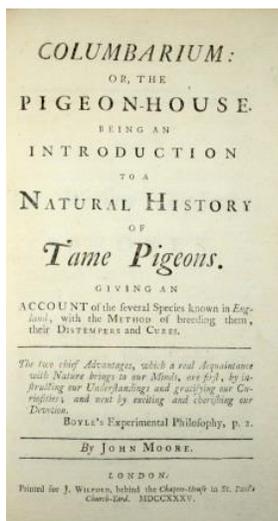
DISCOVERING THE ACTUAL LENGTH OF A METER  
A UNIQUE COPY

87. **MICHELSON, Albert A.** "Détermination expérimentale de la valeur du mètre en longueurs d'ondes lumineuses." Offprint from *Travaux et mémoires du Bureau International des Poids et Mesures*, Vol XI. Paris: Gauthier-Villars et Fils, 1894. 4to. With 2 full-page engravings and numerous charts in the text. Half morocco and marbled boards. A unique copy inscribed to astronomer Benjamin Apthorp Gould who founded the Argentine National Observatory from each member of the Comité Internationale du Poids et Mesures, with a photograph of them tipped in.



FIRST SEPARATE EDITION of this scarce work by renowned scientist Albert Michelson, the first American Nobel Prize winner for physics. The work describes the length of the international meter bar, which Michelson originally measured in terms of wave-lengths of cadmium light. This copy is signed by all members of the International Committee for Weights and Measures for Gould's 70<sup>th</sup> birthday. \$ 1500.00

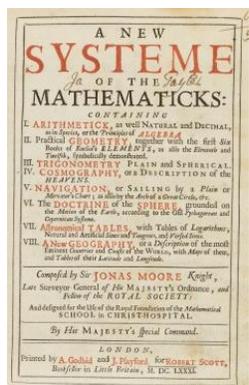
ORIGINAL COPY OF A LEGENDARY RARITY



88. **MOORE, John.** *Columbarium: or, the pigeon-house. Being an introduction to a natural history of tame pigeons. Giving an account of the several species known in England, with the method of breeding them, their distempers and cures. (with) An account of some medicines prepar'd by John Moore apothecary, at the Pestle and Mortar in Lawrence Pountney's Lane, the first Gates on the left hand, from Canon Street . . . with a faithful narrative of some cures effected by them.* London: J. Wilford, 1735. Two parts in one (continuous pagination). 8vo. Contemporary speckled calf. A most beautiful copy in superb condition.

FIRST EDITION OF AN EXTRAORDINARY AND INFLUENTIAL RARITY - ONE OF A HANDFUL KNOWN OF THE ORIGINAL PRINTED COPY. Complete, with the medical section of this pioneering study of pigeons. "With a partiality usually shewn to the victor, the Hawk has engaged the pen of many a writer: But his Prey . . . has scarce met with that" (dedication to Sir William Stapleton, Baronet). This is the "earliest English work giving a

description of the different varieties of the domestic pigeon” (Casey Wood). Accordingly, Moore (d. 1737), well known for his worm powder which cures ailments including scurvy, measles, the King’s Evil, Sciatica, cholick, and much more, is considered the pre-eminent of all pigeon fanciers. Among some of the topics the author treats is the method of building a loft, the generation and breeding of pigeons, identification of various types of pigeons, their diet, their usefulness and their dung. Of special interest is his chapter on carrier pigeons. In the eighteenth and nineteenth century Moore’s treatise was copied line by line and page by page, though loaded with errors. It was reissued with a new introduction by W.B. Tegetmeier, the leading authority on pigeons who “introduced Darwin to the institutions of the fancy, took him to shows, and answered numerous queries in correspondence” (ODNB). \$ 20,000.00



**LANDMARK CONTRIBUTIONS FROM THE GREAT ENGLISH SCIENTISTS**

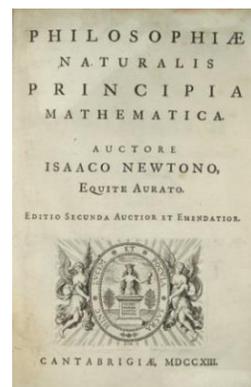
**89. MOORE, Sir Jonas; PERKINS, Peter; FLAMSTEED, John; HALLEY, Edmund.** *A new systeme of the mathematicks.* . . . London: A[nn]e Godbid and J[ohn] Playford 1681. Eight parts in two volumes. 4to. With 42 plates and 2 complete volvelles in Vol. I, 61 maps in Vol. II. Contemporary calf, rebaked. With numerous ownership annotations, including the stamp of W. Bayly, possibly the English astronomer who accompanied William Wales as astronomer on Cook’s voyages.

FIRST EDITION of this extraordinary work. The first section covers arithmetic and algebra, geometry, trigonometry, and cosmology, with six finely engraved star charts probably by Flamsteed (whose own star atlas was not published until 1729). Chapters on navigation, astronomy and geography follow. The engravings in this work are particularly outstanding, depicting numerous instruments as well as wonderful maps. \$ 27,500.00

**THE SECOND PRINTING OF NEWTON’S PRINCIPIA**

**90. NEWTON, Sir Isaac.** *Philosophiæ naturalis principia mathematica.* Cambridge: [University Press], 1713. 4to. With 1 folding plate. Contemporary blind-paneled calf.

ONE OF ONLY 750 COPIES PRINTED, THIS SECOND EDITION of the *Principia* was edited by Roger Cotes, who in his preface attacks the Cartesian philosophy then still in vogue in the universities. Additional material was added by Newton himself, including a second preface and an expanded chapter on the lunar theory of comets. \$ 35,000.00



**THE BASIS OF ALL SUBSEQUENT EDITIONS**



**91. NEWTON, Isaac.** *Philosophiæ naturalis principia mathematica . . . editio tertia aucta & emendata.* London: William & John Innys, 1726. 4to. Engraved frontispiece portrait. Contemporary calf. From the Trinity College Library in Dublin with its gilt arms on front cover and book label on the paste-down, and with the large bookplate showing the award of this book to William Andrews in 1742.

THIS THIRD EDITION was the last published during the author’s lifetime. It contains a new preface by Newton, the restoration of Halley’s verses, and a large number of alterations, the most important being the scholium on fluxions, in which Leibniz’s name is omitted. \$ 19,500.00

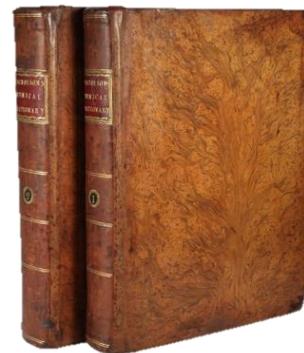
**92. NEWTON, Isaac.** *Opticks: or, a treatise of the reflections, refractions, inflections and colours of light.* London: W & J. Innys, 1721. 8vo. Complete with 12 folding engraved plates, woodcut diagrams in text, errata and publisher's ads. Contemporary calf.

THIRD EDITION, corrected. Regarded as one of the great classics of optics, this work expounds Newton's corpuscular or emission theory of light, and is the first work to contain his optical discoveries in a collected form. His set of "queries" (the complete 31, up from 16 in the original edition of 1704) on the nature of matter was considered to be the most important feature of the *Opticks* and had a profound influence on scientific thought. \$ 5500.00

**THE FIRST DICTIONARY OF CHEMISTRY BY AN ENGLISHMAN**

**93. NICHOLSON, William.** *A dictionary of chemistry, exhibiting the present state of the theory and practice of that science, its application to natural philosophy, the processes of manufactures, metallurgy, and numerous other arts dependant on the properties and habitudes of bodies, in the mineral, vegetable, and animal kingdom. . .* London: Printed for G. G. and J. Robinson, 1795. Two volumes. 4to. With 4 copperplates. Complete with errata. Contemporary tree calf.

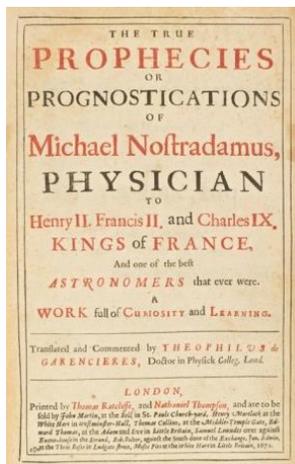
FIRST EDITION. This work is important for containing one of the earliest English versions of the table of the new chemical nomenclature from the *Methode de nomenclature chimique* (Paris, 1787) by Lavoisier. \$ 2000.00



**THE FIRST RELIABLE ACCOUNT OF CHINA PRESENTED IN EUROPE ENGRAVINGS BY WENCESLAUS HOLLAR**

**94. NIEUWHOF, Johannes; OGILBY, John [trans.].** *An embassy from the East-India Company of the United Provinces to the Grand Tartar Cham Emperour of China, delivered by their excellcies [sic] Peter de Goyer, and Jacob de Keyzer, at his imperial city of Peking. . . .* London: John Macock for the Author, 1669. Folio. Complete with all plates and blanks, including a portrait of Ogilby and an engraved title page, 2 double-page plates, 18 full-page plates, and 121 text engravings. Contemporary sprinkled calf.

FIRST EDITION IN ENGLISH. This work was the product of an embassy voyage sent to Peking at a time when the Dutch East India Company was hoping to expand their business into Macau, a trade area then monopolized by the Portuguese. The content is based on Nieuwhof's first-hand observations and sketches as a steward under the command of Jacob de Keyser and Pieter de Goyer. The main work consists of two parts, the first being an account of the embassy itself and the second being an important repository of information about China in general. \$ 22,000.00



**PROPHETIC**

**95. NOSTRADAMUS.** *The true prophecies or prognostications of Michael Nostradamus, physician to Henry II, Francis II, and Charles IX, Kings of France, and one of the best astronomers that ever were. A work full of curiosity and learning.* London: Thomas Ratcliffe, and Nathaniel Thompson, 1672. Folio. Lacking frontispiece portrait as in many copies. Contemporary calf.

FIRST EDITION IN ENGLISH of the book of prophecies of Nostradamus. Each quatrain (4-line poem) is a prediction of future events, which Nostradamus claimed was based upon astrological assessment of the quality of an occurrence. Most deal with disasters, such as plagues, earthquakes, wars, floods, invasions, murders, droughts, and battles. Nostradamus has been credited with predicting numerous events in world history, from the Great Fire of London, and the rise of Napoleon and Hitler, to the September 11 attacks on the World Trade Center. \$ 4500.00

**THE STANDARD MEDICAL TEXT FOR STUDENTS AND PRACTITIONERS**

**96. OSLER, William.** *The principles and practice of medicine. Designed for the use of practitioners and students of medicine.* New York: D. Appleton and Company, 1893. 8vo. Sturdy black buckram. An excellent copy from the library of Herbert Charles Moffitt (1867-1950), former dean of the medical school at the University of California, San Francisco, and stamps of the Meninger Clinic Library.

FIRST EDITION, third printing. Osler's textbook was the best English work on medicine of its time. It provided a systemized approach to internal medicine as well as relevant information from the great advances in the laboratory sciences, particularly bacteriology. The chapters describe specific diseases by systems, a pattern since followed by most textbooks. \$ 950.00

**97. PARISH, Elijah.** *Sacred geography: or, a gazetteer of the Bible.* Boston: Samuel T. Armstrong, 1813. 8vo. With 2 pages of recommendations (testimonials) and 4-page list of subscribers. Folding map of the "principal countries mentioned in the Sacred Scriptures" (torn at crease). Contemporary calf; actually a very good copy of a book normally found in precarious condition.

FIRST EDITION of a wonderful reference to geographical localities mentioned in the Scriptures. In alphabetical order, the work describes countries, kingdoms, nations and tribes with villages, towns, cities, provinces, hills, mountains, rivers, lakes, seas and islands. The author includes an account of the religion, government, population, fulfillment of prophecies and conditions of the most important places. \$ 250.00

**THE EARLIEST SYSTEMATIC WORK ON FOSSILS**

**98. PARKINSON, James.** *Organic remains of a former world. An examination of the mineralized remains of the vegetables and animals of the antediluvian world; generally termed extraneous fossils.* London: J. Robinson, etc., 1804, 1808, 1811. Three volumes. 4to. With frontispiece in each volume plus 50 hand-colored engraved plates. Volume III includes a list of references to the Memoirs of both Cuvier and Lamarck. Contemporary calf.

FIRST EDITION. Among many other areas, Parkinson includes a short history of paleontology, introduces the Linnean method of nomenclature to the field, and provides information on the use of amber, jet and silicified woods in the lapidary arts. \$ 5500.00





**99. PIUS II, PONT. MAX** (formerly Aeneas Sylvius Piccolomini). *Epistolae familiares. De Duobus amantibus euryalo et Lucretia. Descriptio urbis Viennesis*. Nuremberg: Anton Koberger, 17 July 1486. 4to. Exquisite large initial in green, red and blue with gilt background, rubricated initials throughout. Contemporary calf, original clasps present, blind-stamped images of Jesus (front cover) and Mary (rear cover) in oval cartouches; interesting small early red stamps on verso of first blank, last leaf and rear paste-down, contemporary annotations throughout. A wonderful copy.

SECOND KOBERGER EDITION (first 1481). The letters addressed to friends and some short essays formed a collection of great popularity in the late fifteenth century. Piccolomini, or Pius II (1405-1464), the “Humanist Pope” was extremely well known, and his lively writings on a great variety of subjects, often secular, found a broad readership. Koberger (ca. 1440-1513) was a German printer who established the first press in Nuremberg in 1470. Interestingly, Koberger was Albrecht Dürer’s godfather. \$ 12,500.00

**THE PHYSICS OF MOSES**

**100. PLUCHE, Abbé [Noël Antoine]**. *The history of the heavens, considered according to the notions of the poets and philosophers, compared with the doctrines of Moses*. London: J. Osborn, 1740. Two volumes. 8vo. Frontispiece to each volume plus 23 full-page plates. Contemporary polished calf.

FIRST EDITION IN ENGLISH of *Histoire du ciel considéré selon les idées des poëtes, des philosophes, et de Moïse* (Paris, 1739), a rare and interesting treatise on the perception, both ancient and modern, of the universe, the creation, and the superiority of Moses’ cosmogony. In attempting to make modern science conform to Genesis, Pluche basically refutes the entire range of speculation on the origin of the world which conflicts with Mosaic cosmogony. He even includes an in-depth discussion of Newton’s work. \$ 1750.00



**AN ENGLISHMAN GOES EAST**

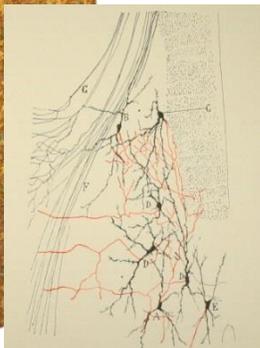
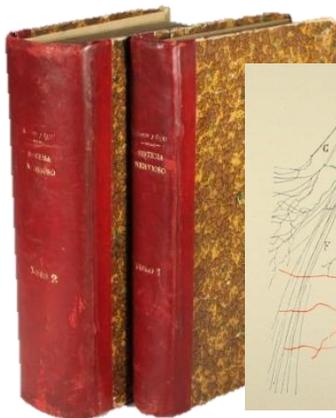


**101. POCOCKE, Richard**. *A description of the east and some other countries*. London: Printed for the Author, 1743-1745. Three volumes in two. Folio. Complete with a total of 178 numbered plates (excluding number 33, which was never issued). Several of which are folding. As in other extant copies, plate 76 is included in volume I but not recorded in the contents. Contemporary crushed russia. Gilt arms and motto of the Earl of Cawdor, most likely John Frederick Campbell (1790-1860), in center of all four covers.

FIRST EDITION. This extraordinarily beautiful and elaborately illustrated two volume set records the author’s extensive journey to the Near East and Europe between 1737-1741. Volume I is devoted almost entirely to Egypt, while the second volume explores Palestine, Syria, Mesopotamia, Cyprus, and Candia (now Crete), as well as other regions of Western Europe. Like many illustrated travel accounts, the set includes several maps, but also provides important pictorial and textual descriptions of major archaeological and culturally significant sites. Many of the places visited and described by

Pococke in this work were still considered quite exotic at the time. \$ 12,500.00

**HISTOLOGY OF THE NERVOUS SYSTEM**



**102. RAMÓN Y CAJAL, Santiago.** *Textura del sistema nervioso del hombre y de los vertebrados: estudios sobre el plan estructural y composición histológica de los centros nerviosos adicionados de consideraciones fisiológicas fundadas en los nuevos descubrimientos.* Madrid: Moya, 1899-1904. Two volumes. 8vo. With hundreds of text illustrations from the author's drawings. Contemporary morocco-backed marbled boards.

FIRST EDITION. One of the greatest works in the neurosciences, printed by subscription in an edition of only 800 copies. It is here that Cajal laid the cytological and histological foundations of modern neurology. His investigations confirmed the neuron doctrine first proposed by

His and Forel, that dendrites receive impulses from other cells, the distinct functional pathways, the synapse, and included an authoritative description of the cerebral cortex leading to cytoarchitectonics. \$ 18,500.00

**PRESENTATION COPY**

**103. RAMÓN Y CAJAL, Santiago; SÁNCHEZ, Domingo.** "Contribucion al conocimiento de los centros nerviosos de los insectos." Offprint from *Trabajos del Laboratorio de Investigaciones biológicas de la Universidad de Madrid*, XIII, 1915. Madrid: Imprenta de Hijos de Nicolas Moya, 1915. 8vo. With numerous text illustrations and 2 folding color plates. Original printed wrappers. FIRST EDITION, first printing, of this rare work by the father of neuroscience. A collaboration between Cajal and his brilliant student and colleague, Domingo Sánchez, they here examine the central nervous system of insects with particular attention to the retina and optic center of the brain. \$ 3500.00



**TESTIMONIALS BY WALPOLE, LORD CHESTERFIELD, AND OTHERS**

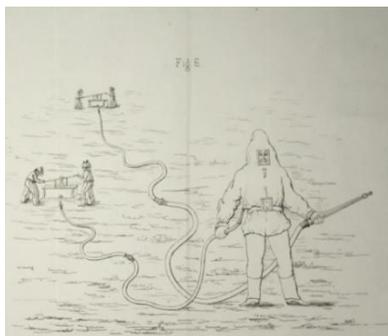
**104. ROBERTSON, William.** *The history of Scotland, during the reigns of Queen Mary and of King James VI. Till his accession to the crown of England. With a review of the Scotch history previous to that period; and an appendix containing original papers.* London: A. Millar, 1759. Two volumes in one. 4to. Complete with all blanks, errata and publisher's advertisements. Contemporary calf. FIRST EDITION of what is considered to be the best and certainly the most popular account of the history of Scotland up to the beginning of the seventeenth century. \$ 1200.00

**ORIGINAL OFFPRINTS OF THE INVENTION OF X-RAYS**



**105. RÖNTGEN, Wilhelm Konrad.** *Eine neue Art von Strahlen.* 8vo. Original printed yellow wrappers, with the ownership signature of Dr. H. Michaelis (?) on front wrapper. (offered with) *Eine neue Art von Strahlen. II. Mittheilung (Fortsetzung und Schluss).* 8vo. Original orange printed wrappers. Two separate papers. Original offprints from *Sitzungs-Berichten der Physikalisch-medicinischen.* Preserved in a folding clamshell box. Würzburg: Stahel, 1895; 1896. FIRST EDITION of the first published reports on the sensational discovery of X-rays -- a form of light invisible to the eye which had never before been observed. Röntgen was awarded the first Nobel Prize in physics in 1901. \$ 25,000.00

### ILLUSTRATING FIREFIGHTERS AND THEIR EQUIPMENT



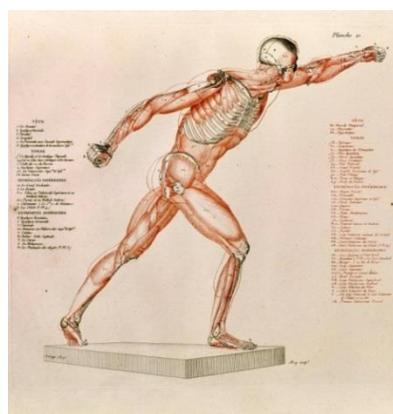
**106. ROVIRA Y TRIAS (Antoni).** *Tratado de la estincion de incendios.* Barcelona: Imprenta de la Publicidad, 1856. 4to. Complete with 14 folding plates. Contemporary calf-backed boards. Presentation to Mariano Lopez from A. Rovira, the author's son.

FIRST EDITION of this historic treatise devoted to extinguishing fires and the job of a firefighter, the first work on the subject to be published in Spain. The author describes in detail the organization and administrative side of firefighting, as well as the physical training, equipment, and maneuvers used by firefighters to save victims from blazes. \$ 3500.00

### MAGNIFICENT ANATOMY FOR ARTISTS

**107. SALVAGE, Jean-Galbert.** *Anatomie du gladiateur combattant, applicable aux beaux arts, ou traité des os, des muscles, du mécanisme des mouvemens, des proportions et des caractères humain.* Paris: Chez l'Auteur, de l'Imprimerie de Mame, 1812. Royal Folio. Frontispiece and 21 large copperplates, 16 printed in red and black. Contemporary quarter-calf and marbled boards.

FIRST EDITION of this rare and beautiful anatomy which uses several well-known classical sculptures for subjects. The plates are color coded with the muscles in red ink and the bones in black ink. The text includes a detailed treatise on osteology and myology, mechanics of muscular motion, and proportions of the adult and child's body. \$ 6000.00



### SAUSSURE'S FAMOUS ESSAIS TOGETHER WITH HIS DÉFENSE

**108. SAUSSURE, Horace-Bénédict de.** *Essais sur l'hygrométrie.* Neuchatel: S. Fauche, 1783. 8vo. Engraved title vignettes and headpieces, 2 folding plates and 11 tables (8 folding). Half-calf over boards. (offered with) *Défense de l'hygrometre à cheveu, pour servir de supplément aux Essais sur l'hygrométrie.* Geneva; Barde, Manget & Compagnie, 1788. 8vo. With full-page plate illustrating the hygrometer. Marbled wrappers. Two separate works.

FIRST EDITIONS. Saussure conducted extensive investigations on the vapor pressure of water at various temperatures, using human hair as a hygrometric element. His four *Essais* contain the results of his demonstrations, including the famous experiment on the role of water vapor in the atmosphere. In the *Défense*, Saussure remarks that the only physicists who had attacked his *Essais* were inventors of hygrometers that differed from his. \$ 1800.00

### MEDICAL EMBLEM BOOK



**109. SCARLATTINI, Ottavio.** *Homo et ejus partes figuratus & symbolicus, anatomicus, rationalis, moralis, mysticus, politicus, & legalis, collectus et explicatus cum figuris. . . .* Augsburg and Dilingae: Augustae Vindelicorum & Joannis Caspari Bencard, 1695. Two volumes in one. Folio. With frontispiece and 42 exquisite emblematic copper engravings. Wonderful contemporary rolled pigskin over thick boards, clasps present.

FIRST LATIN EDITION from the original Italian of 1683-1684. Scarlattini's masterpiece is a tour-de-force compendium fusing emblematic and occult knowledge with a treatise on human anatomy and physiology. He interprets human anatomy through a dizzying array of sources, including information on symbolism, history, rites, proverbs, and much more. \$ 6000.00



**MONUMENTAL WORK OF SCIENCE, RELIGION AND ART**

**110. SCHEUCHZER, Johann Jakob.** *Physica sacrae. Iconibus Aeneis illustrata procurante & sumtus suppeditante Johanne Andrea Pfeffel, Augustano, Sacrae Caesareae Majestatis Chalcographo aulico.* Augsburg & Ulm: [Christian Ulrich Wagner], 1731-1735. Four volumes in five. Folio. Complete with 784 full-page plates. Bound in recent full calf; interior is generally superb on very thick paper.

FIRST EDITION of Scheuchzer's monumental work of natural history and scientific interpretation of the Bible. His aim was to prove the existence of God through science. This extraordinary work is famous for its elaborate illustrations, in which each biblical story was framed with an architectural border containing details relevant to the chapter depicted. A work of great beauty. \$ 25,000.00

**SUCCESSFUL EARLY COMPUTER**



**111. [SCHEUTZ, Georg & Edvard].** "The Swedish tabulating machine of G. & E. Schutz." In *Annals of the Dudley Observatory.* Albany: Weed, Parsons and Company, 1866; The Argus Company, 1871. Two volumes. 8vo. With 13 full-page plates. Original publisher's cloth. Also included is an original photograph of the Olcott Meridian Circle, a telescope ordered and installed at the Dudley Observatory in 1860, laid into Volume I.

FIRST EDITIONS. The Scheutzes were the first to construct a working difference engine capable of producing printed mathematical tables, based upon Charles Babbage's design for his famous Difference Engine No. 1. The Dudley Observatory in Albany, New York, purchased the second of the three machines built by Scheutz; it was later acquired by the Smithsonian. \$ 4500.00

**AN EPOCH-MAKING BOOK IN MEDICAL LITERATURE**

**112. SEMMELWEIS, Ignaz Philipp.** *Die Aetiologie, der Begriff und die Prophylaxis des Kindbettfiebers.* Pest, Vienna, und Leipzig: C.A. Hartleben, 1861. 8vo. Contemporary cloth-backed marbled boards.

FIRST EDITION OF ONE OF THE RAREST OF THE GREAT BOOKS IN MEDICINE. Few copies of this work have survived and ours is notable for being in excellent condition. Despite providing evidence that diseases are spread by physicians attending pregnant women, and that there was a significant decline in mortality rates if they simply washed their hands, Semmelweis' theory was violently rejected and resisted by the obstetricians of the day. \$ 40,000.00

FROM THE LEADING EXPERT ON SOUND RECORDING TECHNOLOGY

**113. SEYMOUR, Henry Albert.** *The reproduction of sound.* London: Tattersall, [1918]. 8vo. With frontispiece portrait of Seymour and numerous text illustrations. Original publisher's green cloth. FIRST EDITION. In a world where the ability to record and play back sound is as easy as pressing a button, one can only imagine how magical the original technology must have seemed at the time of its inception. Here the author describes the various methods and products that enabled the capture and reproduction of sound, including making blanks, the pressing of disc records, and a fascinating chapter on "recording sound by agency of light," a new system that proposed using photography to make recordings. \$ 750.00



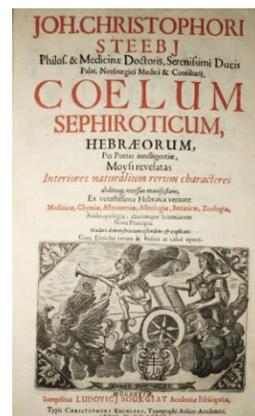
ONE OF THE MOST ATTRACTIVELY ILLUSTRATED OF KEULEMANS' WORKS

**114. SHELLEY, George Ernest.** *A monograph of the Nectariniidae, or family of Sun-Birds.* London: published by the author, 1876-1880. 4to. With 121 hand-colored lithographic plates by J.G. Keulemans. Half-crushed morocco. FIRST EDITION, limited to 250 copies. "An excellent monograph of an interesting family of birds, with descriptions in Latin and English, critical notes, and discussions of habits, etc., from accounts by many different observers. A total of 138 species of the group are recognized" (Zimmer). \$ 24,000.00

KABBALIC INTERPRETATION OF THE UNIVERSE AND ITS CREATION

**115. STEEB, Johannes Christophorus.** *Coelum sephiroticum, hebraeorum, per portas intelligentiae, Moysi revelatas interiores naturalium rerum characteres abditosque recessus manifestans, ex vetustissima Hebraica veritate medicinae, chymiae, astronomiae, astrologiae, botanicae, zoologiae, anthropolgiae, aliarumque scientiarum nova principia. . . .* Moguntiae [Mainz]: Sumptibus Ludovicii Bourgeat, Typis Chistophori Kuchleri, 1679. Folio. With large printer's device on title, 1 full page plate, and 19 text engravings. Bound in an old vellum Hebrew manuscript.

FIRST EDITION of this wonderful treatise on natural philosophy based upon an occult interpretation of the seven days of creation. According to Thorndike, this work purports "to derive new principles of medicine, chemistry, astronomy, astrology, botany, zoology, anthropology and other sciences from the most ancient Hebraic truth through the gates of intelligence revealed to Moses." The author's interest in celestial spheres, the creation of the earth, and the synthesis of several branches of science, religion, and the occult necessitated the invention of an array of unusual pseudoscientific diagrams shown here to elucidate the text of his ambitious treatise. \$ 8500.00



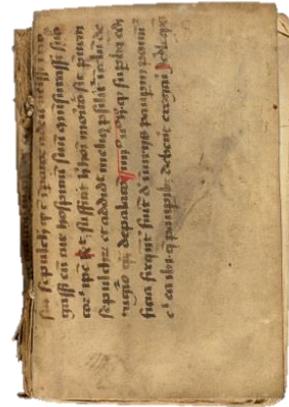
ILLUSTRATED EMERGENCY MEDICINE



**116. TAMBA GENTOKU.** *Kokesai kyūho (Emergency remedies for the benefit of the people).* Kyoto, 1789-90. Three volumes. With nearly 150 woodblock illustrations. Original wrappers with printed labels. PROBABLY ONE OF THE EARLIEST ILLUSTRATED ACCOUNTS of Japanese medicine, compiled by the famous court physician Tamba Gentoku, also known as Taki Angen. The work is intended to promulgate medical knowledge among the common people, describing how to remedy maladies of various kinds without the aide of a physician. The illustrations, many botanical in nature, cover every phase of emergency treatment, including revival of the drowned or intoxicated by artificial respiration and treatment by massage. Of particular interest is an illustration of the most famous of all moxa spots ("sanri"), located on the antero-lateral aspect of the (left) leg, with detailed directions on how to "know" it. \$ 5500.00

ON ASTRONOMY AND TIME

117. **THEODORICUS [Dietrich], Sebastian.** *Novae questiones sphaerae, hoc est, de circulis coelestibus, et primo mobili, in gratiam studiosae iuuentutis scriptae.* Wittenberg: Johannes Crato, 1564. (bound with) **GARCAEUS [Gartze], Johannes.** *Primus tractatus brevis et vtilitis de tempore, con scriptus in gratium studiosorum.* Wittenberg: Johannes Crato, 1563. With 11 folding tables. Two works in one. 8vo. Contemporary vellum from an early fifteenth-century manuscript; contemporary annotations.



**I. FIRST EDITION.** This introduction to astronomy by the Wittenberg professor of mathematics, written in the form of a series of questions and answers, became the standard astronomy text for German universities.

**II: FIRST EDITION** of Garcaeus' first treatise on time measurement. The author here correlates the time measurements of the ancients (Egyptians, Greeks, Romans, etc.) with the contemporary Julian calendar utilizing various astronomical measurements, including lunar and solar cycles, rise and fall of fixed stars, and the movements of the planets. Works of considerable importance. \$ 13,500.00

ELECTROMAGNETIC THEORY OF LIGHT

118. **[THOMSON, William] LORD KELVIN, 1<sup>st</sup> Baron Kelvin.** *Baltimore lectures on molecular dynamics and the wave theory of light founded on Mr. A. S. Hathawaay's stenographic report of twenty lectures delivered in Johns Hopkins University, Baltimore, in October 1884; followed by twelve appendices on allied subjects.* London: C.J. Clay and Sons, 1904. 8vo. Numerous text illustrations throughout. Original cloth.

**FIRST EDITION** of these series of lectures in which Lord Kelvin attempts to formulate a physical model for the aether, an extremely valuable medium that would support the electromagnetic waves that were becoming increasingly import to the explanation of radiative phenomena. \$ 450.00

SCIENTIFIC WORK FROM THE CHISWICK PRESS



119. **THOMPSON, Silvanus.** *Epistle of Peter Peregrinus concerning the magnet.* [London: Chiswick Press, C. Whittingham and Co., 1902]. 4to. Printed on hand-made paper in red and black, initials rubricated in red. With illustrations of instruments and their descriptions printed in red. Original linen-backed gray boards; bookplate of Sir Edward Bullard (1907-1980), noted English geophysicist, one of the founders of modern marine geophysics.

**NUMBER 127 OF A LIMITED EDITION OF 240 COPIES** privately printed in Caxton type by Charles Whittingham at the Chiswick Press. Translated into English from the Latin by Thompson, this was one of the earliest works on the magnet, originally written in 1269. \$ 950.00

FOUNDING OF THE INTERNAL REVENUE SERVICE

120. **[UNITED STATES GOVERNMENT].** *United States Tax Law of 1862.* Albany: Weed, Parsons & Co., 1862. 8vo. Original green printed wrappers.

**RARE FIRST PRINTING** of the Albany Evening Journal edition, one of the first (if not the first) announcements. The Office of the Commission of Internal Revenue was created because of the mounting public debt caused by the Civil War. \$ 2000.00



**DEATH ANNOUNCEMENTS**

**121. VAN DER AA, L.** *Lettres de décès.* Brussels: Van Der AA, [ca. 1937]. Folio. Printer's sample book with 43 tipped-in examples of funereal and memorial letters dated between 1898 and 1937. RARE COLLECTION of interesting examples of letters of condolence and sympathy to send to the bereaved. When the family of a deceased wanted something more than placing the same old notice in the obituary pages of the local newspaper, they sent out formal printed letters of their loss, such as those found here. \$ 1800.00

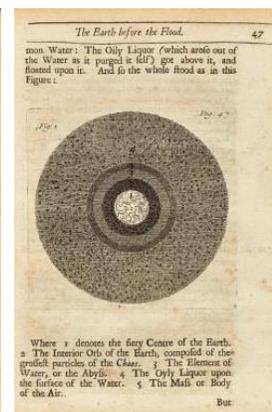
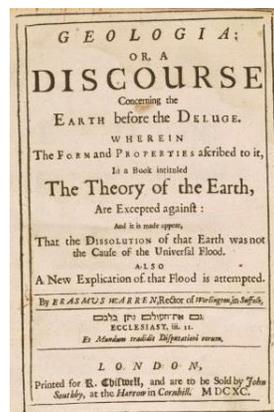
**ILLUSTRATED MEDICAL TREATMENT OF ANIMALS**



**122. [VETERINARY MEDICINE].** *Viehartznei. Erziehung, Gebrauch, Lernung, Arznei in zûfälligen vnd natürlichen Kranckheyten, aller zahmen, dem menschen gebräuchlichen, vnd geheymen Thier vnd viehs.* Frankfurt: Christian Egenolff [1535]. 4to. Woodcuts by Hans Weiditz depict a charming stockyard scene on the title page, and a trio of men with a horse on the first leaf (two of the three men have their eyes gouged out, presumably by a previous owner), plus 16 additional smaller text woodcuts of animals. Later vellum. THIS RARE TREATISE on veterinary medicine is distinguished for being the FIRST ILLUSTRATED EDITION from the 1530 printing. Much of the text is focused on equestrian care and medicine, with information on treating a variety of maladies including equine cancer and gallbladder disease. The latter part of the treatise explains the husbandry and medical treatment of other livestock, treating mules, donkeys, oxen, sheep, pigs, dogs and birds, along with a short section on apiculture. \$ 12,500.00

**THE EARTH BEFORE THE FLOOD**

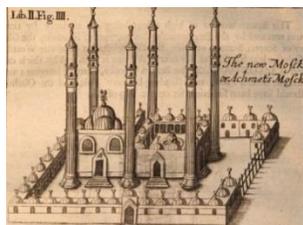
**123. WARREN, Erasmus.** *Geologia: or, a discourse concerning the Earth before the Deluge. Wherein the form and properties ascribed to it, in a book intituled The Theory of the Earth, are excepted against: and it is made appear, that the dissolution of that Earth was not the cause of the universal flood. Also a new explication of that flood is attempted.* London: R. Chiswell, 1690. 4to. With 4 text engravings. Half calf and marbled boards. FIRST EDITION. This scarce treatise refutes Burnet's theory of the formation of the Earth, and contains an interesting explanation on the state of metals and minerals before the flood. According to Woodard, this book contains the earliest published reference to geology in England. \$ 2500.00



### THE RISE AND DECLINE OF THE SPANISH EMPIRE

**124. WATSON, Robert.** *The history of the reign of Philip the Third, King of Spain.* Dublin: Price, Whitestone, Watson, etc., 1783. 8vo. Contemporary calf.

FIRST DUBLIN EDITION, printed the same year as the first London edition. Divided into six books, the first deals with the life of Philip, with the remainder describing the various wars and the political state of Spain, its allies and enemies, during Philip's reign, from 1598-1621. A significant focus of the history recounts Spain's internal politics, including the expulsion of the Moriscos. \$ 650.00



### “AN ALMOST UNEXPLORED COUNTRY”

**125. WHEELER, George.** *A journey into Greece.* London: William Cademan, Robert Kettlewell, and Awnsham Churchill, 1682. 4to. With 5 full-page plates, a large folding map, and numerous text engravings. Modern quarter morocco and boards.

FIRST EDITION of this impressive and important account of the author's travels through Greece and what is now Turkey, a work that possessed “the charm and value of a journey into an almost unexplored country” (*DNB*). The volume includes descriptions of Venice, Constantinople, Anatolia, Athens, Attica, Corinth, and many other locales. More than a simple travel narrative, Wheeler also gives precise descriptions of what he encountered and collected, incorporating beautiful images of coins, monuments, cities, plants, and animals. \$ 4500.00

### DEFINING THE CONCEPT OF SCIENCE IN THE VICTORIAN ERA

**126. WHEWELL, William.** *The philosophy of the inductive sciences, founded upon their history.* London: John W. Parker; Cambridge: J. & J. J. Deighton, 1840. Two volumes. 8vo. Large folding plate (“Inductive Table of Astronomy”) in Volume II. Full contemporary calf.

FIRST EDITION of Whewell's most important contribution in which he attempts to map, define, and systematize the development of the sciences in the Victorian era, an important period in which sciences became both professionalized and popularized. While his previous work, *History of the inductive sciences* (1837) traced how each branch of the sciences had evolved since antiquity, Whewell viewed the *Philosophy* as the “moral” of the previous work. He includes his views of induction, confirmation, and necessary truth, as well as his explanation of the relation between scientific practice, history of science, and moral philosophy. \$ 1800.00

### BEST DEFENSE AGAINST THE DISTURBING IMPLICATIONS OF EVOLUTION

**127. WHEWELL, William.** *Indications of the creator. Extracts, bearing upon theology, from the history and the philosophy of the inductive sciences.* London: John W. Parker, 1845. 8vo. Cloth, title in gilt on spine.

FIRST EDITION. This was the first fully engaged response from the Anglican establishment to the publication of Chamber's *Vestiges of the natural history of creation* (London, 1844). \$ 950.00

### THE STANDARD OF AMERICAN LITERATURE

**128. WHITMAN, Walt.** *Leaves of grass.* Brooklyn: [Printed for the Author], 1855. Folio. Engraved frontispiece portrait. Original green cloth mounted onto boards, gilt-lettered and decorated in blind on front and back covers within a triple gilt rule, gilt-lettered and decorated spine (rear cover in remarkable facsimile); very minor spotting on endpapers, otherwise an excellent bright copy. FIRST EDITION, FIRST ISSUE BINDING (BAL's and Myerson's Binding A), first state of the frontispiece portrait (on heavy paper), second state of the copyright page as usual, second state of p. iv. “Always the champion of the common man, Whitman is both the poet and the prophet of democracy” (PMM). \$ 95,000.00





### BEAUTIFUL MINIATURE PAINTINGS PRINTED IN MONOTYPE

**129. WIGHT, Henry A.** [*Development of the universe. From Creation to the Great Calm*]. New York, 1923. 6 ½ x 5 inches (page size); 3 x 2 inches of image size surrounded by 4 x 3 ¼ double decorative border. Each of the 24 miniature paintings with decorative separate title page. The 16 pages of printing contain quotations and poems from Blake, Tennyson and Goethe, Amaranth & Asphodel, and songs all finely decorated. Original calf, bound for the author's wife.

UNIQUE WORK of 24 miniature paintings by the artist and poet Henry Wight, who found the medium of monotype to express his creativity and spiritualism. The author conveys ideas mysterious and charming, much in the manner of the great

visionary painter William Blake. The pattern of his work follows closely to the development of the universe. Barren rock and earth, water, trees with vibrant foliage and then animal forms such as birds and beasts inhabiting the new world. Human forms draped at first then the pure undraped bodies of men and women. It was noted that his paintings are suggestive of Dante's *Divine Comedy*, symbolic of the struggle of human existence.

\$ 12,500.00

### CLASSIC EUROPEAN TEXT ON OPTICS

**130. WITTELO.** *Vitellionis . . . Peri optikes [Optica, in Greek], id est de natura, ratione, & projectione radiorum uisus, luminum, colorum atq[ue] formarum, quam uulgo perspectiuam vocant, libri X. . . .* Nuremberg: Apud Io. Petreium, 1535. Folio. Numerous woodcut illustrations. Four numbered leaves (following preliminaries) in superb facsimile on old paper. Full blindstamped calf in an antique style.

FIRST EDITION of the earliest treatise on optics written by a European, containing not only a summary of all that was known on optics to the ancients and to Alhazen, but also some original investigations. Witelo details the essential features of optical systems, including the theory of the nature of light, the nature of radiation, light and color in straight or refracted lines, and the treatment of images in various mirrors.

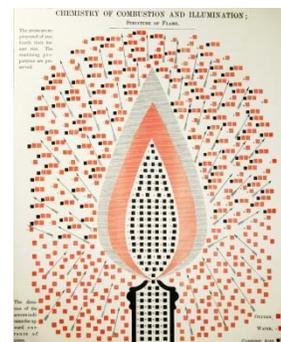
\$ 40,000.00

### REMINISCENT OF BYRNE'S EUCLID

**131. YOUMANS, Edward L[ivingston].** *Chemical atlas, or the chemistry of familiar objects: exhibiting the general principles of the science in a series of beautifully colored diagrams, and accompanied by explanatory essays embracing the latest views of the subjects illustrated.* New York: Appleton & Co., 1856. 4to. With 13 plates. Original blind-stamped pebbled cloth.

FIRST EDITION (the sole change from the 1854 printing is the "6" in the date) of a beautifully printed nineteenth-century American scientific atlas; the elements and principles of chemistry are depicted by colored diagrams and symbols. Youman's book was a pioneering publication in the use of color to convey quantitative information.

\$ 4000.00



### ADDENDUM

We are pleased to include with our exhibit a group of letters, manuscripts, photographs and other documents from scientists (including many Nobel Prize winners), authors, politicians, and literary figures, including Charcot, Darwin, Edward Teller, Arthur Eddington, George von Hevesy, Oliver Lodge, Aldous Huxley, and President John Tyler.