



## B & L ROOTENBERG - Fine & Rare Books

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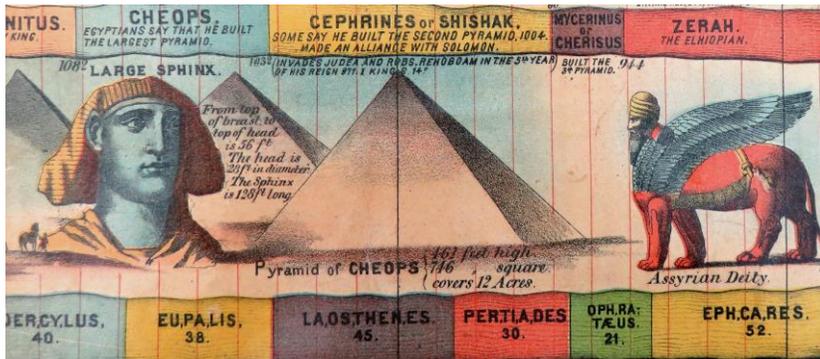
### A SELECTION OF BOOKS EXHIBITED AT THE INTERNATIONAL ANTIQUARIAN BOOK FAIR BOSTON, OCTOBER 28-30, 2016 BOOTH 224

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

#### PRESENTATION COPY

**1. ADAMS, John Quincy.** *Oration on the life and character of Gilbert Motier de LaFayette. Delivered at the request of both houses of the Congress of the United States, before them, in the House of Representatives at Washington, on the 31<sup>st</sup> December, 1834.* Washington: Printed by Gales and Seaton, 1835. 8vo. Contemporary straight grain morocco. An excellent copy inscribed to David Potts Jun from John Quincy Adams on a presentation slip inserted before the title page. First edition of Adams' biography of Gilbert du Motier, the marquis de La Fayette. Books inscribed by Adams are quite scarce. Potts was elected to the State House of Representatives of Pennsylvania before being elected as an Anti-Masonic candidate to the twenty-second through twenty-fifth Congresses (March 4, 1831-March 3, 1839).  
\$ 6500.00

#### VISUAL HISTORY OF THE WORLD - - EXTREMELY RARE FIRST EDITION



**2. ADAMS, Sebastian C.** *A chronological chart of ancient, modern and Biblical history. Synchronized by Sebastian C. Adams.* Cincinnati: Strobridge & Co., 1871. Large folio. With 21 folded panels, each consisting of a fully illustrated color chromolithograph chart. First edition of this huge and impressive 23-foot long chart showing 5,885 years of history. It depicts mankind from the creation of the world through the publication date. Starting with

Adam and Eve, we find out such important dates as when Noah lived, when the Ark touched down on Mt. Ararat, when the Tower of Babel was built and the beginning of the separation of mankind due to language differences, the evolving of ethnology, the building of the pyramids, the invention of agricultural tools, and the awakening of the Christian era. Includes the rare *Key to Adams' Synchronological chart of universal history* (New York, 1881).  
\$ 3000.00

#### DARWIN'S LEADING AMERICAN OPPONENT

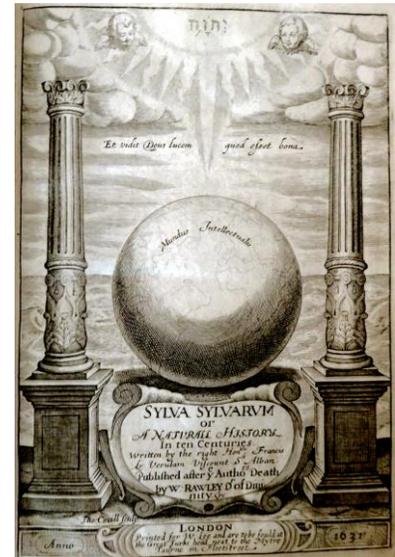
**3. AGASSIZ, Louis.** *An essay on classification.* London: Longman, Brown, Green Longmans, & Roberts and Trübner, 1859. 8vo. Original pebbled cloth. First edition. Printed a few months prior to Darwin's *Origin*, this work represents an entirely opposite interpretation of nature. Agassiz was convinced that different organisms arose by a series of independent and special creations, which precluded all possibility of genetic continuity between species; "man, like other animals, were of distinct types of species and were marked by different physical and intellectual traits."  
\$ 550.00

**THREE RARE SCIENTIFIC WORKS FROM ARISTOTLE**

**4. ARISTOTLE.** *Aristotelis stagyritae acroases physicae libri VIII.* (bound with) *Aristotelis stagyritae libri de coelo IIII; libri de generatione II; libri meteororum IIII.* (bound with) *Aristotelis stagyritae 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. Includes Aristotle’s scientific works on the motion of heavenly bodies, his physics, meteorology, on the process of birth and generation, and on the soul of man. \$ 8500.00

**BACON’S SERIOUS “NEW SCIENCE”**

**5. BACON, Francis.** *Sylva sylvarum.* (bound with) *New Atlantis.* London: William Lee, 1631. Two works in one. Folio. Complete with frontispiece portrait of the author and the uncommon second engraved title. Contemporary calf; armorial crest of John Carteret, 2<sup>nd</sup> Earl of Granville. Third edition of Bacon’s collection of exceedingly significant scientific experiments and observations on natural history. \$ 2500.00



**PRECISION BOMBING**

**6. BELIDOR, Bernard Forest de.** *Le bombardier François. Ou nouvelle methode de jetter les bombes avec precision.* Paris: de l’Imprimerie Royale, 1731. 4to. Engraved frontispiece plus 8 engraved plates showing mortars, rockets, explosive charges, fireworks, etc. Contemporary calf. First edition. An essential work for use in combat, containing systematic firing tables. The exquisite illustrations show the different type of canon, bullets and mortars, loading material, and additional swagger that can be used. \$ 750.00

**EXPERIMENTAL MEDICINE**

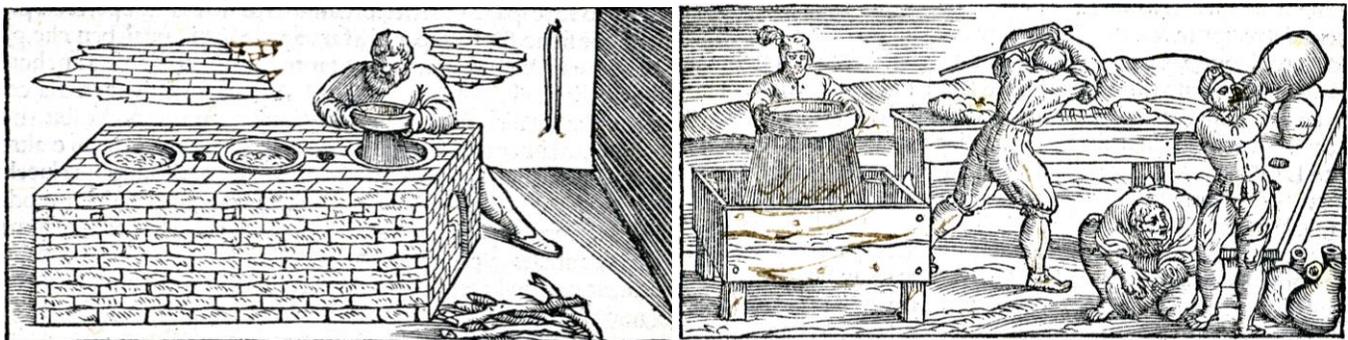
**7. BERNARD, Claude.** *Introduction a l’étude de la médecine expérimentale.* Paris, et al.: Baillière, 1865. 8vo. Original printed wrappers, bound into contemporary morocco-backed marbled boards. First edition of a masterpiece in the history of modern medicine. The *Introduction* contains an analysis of his experimental methods in physiology, which contributed to advances of the greatest significance in biology and other sciences. *PMM*, 353. \$ 1500.00

**MILESTONE IN THE HISTORY OF MATHEMATICS AND PROBABILITY**

**8. BERNOULLI, Jakob.** *Ars conjectandi, opus posthumum.* Basel: Thurnisiorum, Fratrum, 1713. 4to. Contemporary paper over thin boards, marbled paper spine; an excellent uncut copy with wide margins. First edition. “It is still the foundation of much modern practice in all fields where probability is concerned -- insurance, statistics and mathematical heredity tables” (*PMM*). \$ 25,000.00

**THE FIRST FRENCH BOOK ON NAVIGATION**

9. **BESSARD, Toussaint de.** *Dialogue, de la longitude . . . Qui est, la premiere partie du miroir du monde: contenant, tous les moyens, que l'on pourroit avoir tenues, en la navigation, iusqu'à maintenat: que, les deux filles de cosmographie, asçavoir, geo-graphie, & hydro-graphie, en mettent un nouveau, & plus-seur, en avant: touchant le fait de cette longitude, tant par mer, que par terre.* Rouan: Messgissier, 1574. 4to. Woodcut printer's device on title, woodcut portrait of author, 20 text woodcuts, including illustrations of instruments. Nineteenth century vellum. 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



**FIRST PRINTED BOOK ON METALLURGY**

10. **BIRINGUCCIO, Vannuccio.** *Pirotechnia. . .* Venice: [Giovan Padoana], 1550. 4to. Title and text with elaborate woodcut illustrations of various machines and apparatus. Vellum-backed marbled boards; contemporary annotations throughout. Second edition. This was the first printed book dealing with metallurgy, “written for the practicing metallurgist, foundryman, dyer, type-founder, glass-maker, and maker of gunpowder, fireworks and chemicals used in warfare” (Dibner). Biringuccio here gives the earliest account of typecasting and the making of statues, medallions, and bells. \$ 8500.00



**LET THIS BE A LESSON**

11. **BLANCHARD, Pierre.** *Les accidents de l'enfance.* Paris: P. C. Lehubey, [circa 1840]. 8vo. With frontispiece plus 11 lithographed plates. A colorful work containing individual short stories depicting terrible accidents brought on by the actions of children. Some stories end happily, such as the overly confident boy who dared to torment a bull. Other stories do not end so pleasantly. Finette, a little girl obsessed with her own beauty, sneaks into her mother's room to try on her jewelry but perishes when she ends up setting fire to herself trying to look in the mirror over the fireplace. Other accidents involve boiling water, knives and scissors, playing on the roof of the house, broken windows, and angry bees. Works like this were common in the nineteenth century as ways of frightening children into minding their manners. \$ 450.00

### A FAILED EXPEDITION TO POLAND

**12. BOËNCOURT, Chevalier [Galliard]. HENDERSON, Alexander (editor).** *A narrative of the French expedition to Dantzic in 1734; Voyage des troupes Françaises en Pologne.* Edinburgh: Alexander Henderson, 1831. 4to. First part in English, second part in French. Uncut and largely unopened. First and only edition; only 58 copies were printed, this being number 36. Henderson acquired an eighteenth century French manuscript by Boëncourt, who was part of a French military expedition to the besieged port city of Dantzic (Gdansk) in Poland during the War of Polish Succession. Russians had a claim to the throne, but Sweden, in alliance with the French, wanted Stanislaw, the son-in-law of Louis XV, on the throne. Of course a war broke out. No copies located in America.  
\$ 8500.00

### ORIGINAL THEORY OF CONIC SECTIONS AND THE FOUNDATION OF THE LAWS OF CONTINUITY

**13. BOSCOVICH, Roger Joseph.** *Elementorum universae matheseos.* Venice: Antonium Perlini, 1757. Three volumes. 8vo. With 15 folding plates. Contemporary vellum-backed soft boards; an uncut copy with very wide margins. Boscovich's great textbook on mathematics, originally printed in Rome, 1752 in two parts, with a third part added in 1754. This work formed the foundation of his best-known *Philosophiae naturalis theoria redacta* printed the following year. It includes a profound discussion of the law of continuity, which was further clarified in the *Philosophiae naturalis.*  
\$ 3500.00

### NATIVE AMERICAN SERPENT WORSHIP

**14. BOURKE, John G.** *The snake-dance of the Moquis of Arizona.* New York: Charles Scribner's Sons, 1884. 8vo. Complete with frontispiece and 33 plates. First edition of this fascinating narrative of Bourke's observations and descriptions of the manners, customs, and rituals of the Moqui (Hopi) Indians. This work is the first publication to describe the mysterious Snake-Dance in its entirety. Bourke also details other aspects of the Moqui tribe, such as the status of wives, the role of children, pottery and bead work, and the practice of ancestor worship.  
\$ 600.00



### DEMONSTRATING GENERAL OCCURRENCE OF THE NUCLEUS IN PLANT CELLS

**15. BROWN, Robert.** "On the organs and mode of fecundation in Orchideae and Asclepiadeae." From: *Transactions of the Linnean Society*, XVI, part III, pp. 685-743. London: Richard Taylor for the Linnean Society and Longman, Rees, Orme, Brown, Green and Longman, 1833. 4to. With 3 engraved plates by James de Carle Sowerby. Cloth-backed boards. First edition, second printing; first printed for private distribution in 1831 under the title "Observations on the organs and mode of fecundation in Orchideae and Asclepiadeae." Brown's paper may be said to have established the concepts of the nucleated cell as the unit of structure in plants.  
\$ 950.00



### FIRST PUBLISHED MENTION OF OREGON

**16. 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 folding 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

### THE FOUNDATION OF SCIENTIFIC BOTANY

**17. CESALPINO, Andreas.** *De plantis libri XVI.* Florence: Georgio Marescotti, 1583. 4to. Woodcut initials. Full calf; an excellent copy. First edition of the first “rational system of plant classification” (PMM). With the knowledge of the existence of a greater number of plants, a method of scientific classification was needed. This era began with Cesalpino, who created his system of classification based upon plant morphology. This work became the foundation of scientific botany and the first articulation of the modern concept of species, the effect of which was enormous, profoundly influencing botanists that followed, including Linnaeus. \$ 25,000.00

### SIGNED AUTOBIOGRAPHY

**18. CHAGALL, Marc.** *Ma vie.* Paris: Librairie Stock, 1931. 8vo. With a lovely frontispiece plus 2 full-page illustrations and 29 text illustrations. Original printed wrappers, uncut. Signed by Chagall on the title page. First edition, No. 1380 of 1650 total copies printed. A wonderful autobiography. \$ 1500.00

### PRESENTATION COPY OF AUTHOR’S ORIGINAL OFFPRINT

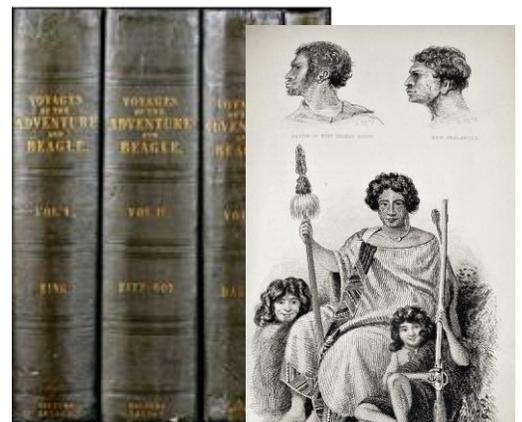
**19. CRICK, Francis Harry Compton & WATSON, James Dewey.** “Molecular structure of nucleic acids. A structure for deoxyribose nucleic acid”; “Molecular structure of deoxyribose nucleic acids”; “Molecular configuration in sodium thymonucleate.” From *Nature*, Vol. 171, April 25, 1953. 8vo. Presentation copy, signed by Crick, Maurice Wilkins, and Wilson and Stokes at the end of their paper. First edition. The original offprint of what scientists consider the greatest intellectual achievement of modern science: the identification of the double-helix structure of DNA and the foundation of the genetic code. \$ 45,000.00

### HOW TO PRACTICE ASTROLOGICAL HERBALISM

**20. CULPEPER, Nicholas.** *The English physician enlarged with three hundred and sixty nine medicines made of English Herbs, that were not in an impression until this. . . .* London: Printed for the Booksellers, 1785. 12mo. Contemporary calf. Culpeper’s popular work explained how the planet associated with each herb is used symbolically to derive its medicinal use. In order to gain knowledge of the herb, one is expected to contemplate the symbolic associations of each planet—parts of the body, humoral correspondence, temperature, etc.—in relation to the listed indications to see how the herb can be used. \$ 650.00

### THE GENESIS OF THE THEORY OF EVOLUTION

**21. DARWIN, Charles, FITZROY, Robert, & KING, P. Parker.** *Narrative of the surveying voyages of His Majesty’s ships Adventure and Beagle. . . .* London: Henry Colburn, 1839. Four volumes. Complete with 44 lithographed plates and all of the maps and charts. Original cloth. First edition, first issue recording the historic voyage of the Beagle, including Darwin’s *Journal*, which forms the third volume of the *Narrative*, Darwin’s first published book. \$ 85,000.00



**GEOLOGY OF THE VOYAGE OF THE BEAGLE**

**22. DARWIN, Charles**

**1.** *The structure and distribution of coral reefs. Being the first part of the geology of the voyage of the beagle, under the command of Capt. Fitzroy, R.N. during the years 1832 to 1836.* London: Smith, Elder and Co., 1842. With 3 folding engraved maps. Recent cloth. **2.** *Geological observations on the volcanic islands visited during the voyage of H.M.S. Beagle, together with some brief notices of the geology of Australia and the Cape of Good Hope.* With the folding map entitled “A plan of the Island of Ascension.” Original publisher’s purple cloth. **3.** *Geological observations on South America. Being the third part of the geology of the voyage of the Beagle.* London: Smith, Elder and Co., 1842; 1844; 1846. 8vo. With an additional folding plate of shells at the end of the ads with the notation “Sowerby’s Fossils of British Strata, 1 folding map and 5 folding plates (1 hand-coloured). Original publisher’s cloth; an excellent copy. Three separate works. All first editions. These contain the records of Darwin’s observations during the voyage of the Beagle. The first volume records Darwin’s theory of the formation of coral reefs. The second work is his study of volcanic islands and is based on a wide range of rock and mineral specimens, including his own, and considerable research into contemporary theories of volcanic activity, mountain formation, and the elevation of extensive tracts of land relative to the sea. The final book on geological observations demonstrates the origin of metamorphic rocks by deformation and of the distinction between cleavage and sedimentary bedding, a major contribution to geology.

\$ 75,000.00

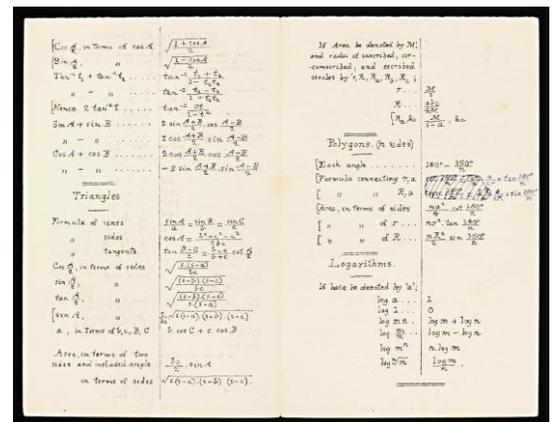
**THE FIRST MAJOR TEXTUAL CHANGES AND REVISIONS**

**23. DARWIN, Charles.** *On the origin of species by means of natural selection or the preservation of favoured races in the struggle for life.* New York: D. Appleton and Company, 1860. 8vo. Original brown blind-stamped publisher’s cloth; in excellent condition. First American edition. This, the fourth issue, with the added three quotes, is the first of the American issues where the text has been considerably altered, revised and augmented by the author. In addition it contains the historical sketch in its earlier and shorter form.

\$ 8500.00

**WITH DODGSON’S MANUSCRIPT CORRECTIONS**

**24. DODGSON, Charles L. (CARROLL, Lewis).** 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. \$ 24,000.00



**CLASSIC OF AMERICAN MEDICAL GEOGRAPHY**

**25. DRAKE, Daniel.** *A systematic treatise, historical, etiological, and practical, on the principal diseases of the interior valley of North America, as they appear in the Caucasian, African, Indian, and Esquimaux varieties of its population.* Cincinnati & Philadelphia: Winthrop B. Smith & Lippincott, Grambo & Co., 1850-1854. Two volumes. 8vo. Large folding frontispiece and 19 maps and plates. Contemporary calf. First edition, a veritable encyclopedia of North American topography, geography, geology, botany and meteorology, along with statistical data of diseases, their classification, etiology, diagnosis and treatment.

\$ 2500.00

### SENSATIONALIST LANGUAGE AND VIVID DETAILS

26. **DU CHAILLU, Paul B.** *Explorations & adventures in Equatorial Africa. With accounts of the manners and customs of the people, and of the chase of the gorilla, crocodile, leopard, elephant, hippopotamus, and other animals.* New York: Harper & Brothers, 1861. 8vo. Frontispiece, folding map, and 80 illustrations. Original publisher's cloth with gilt embossed gorilla on spine. First American edition of a thrilling scientific exploration by the first western European to "discover" gorillas. Voyaging into Equatorial Africa, du Chaillu not only claims to be the first witness to gorillas, but also to other apes, and new species of quadrupeds and birds. He was also credited as the first westerner to observe local pygmy tribes. \$ 550.00

### UNIQUE VICTORIAN MATHEMATICAL PUZZLE

27. **DUPIN L.** *Géométrie stéréométrique ou décomposition du cube en polyèdres réguliers, irréguliers et corps ronds; formant entre eux plus de 120 solides appliqués à l'étude de la géométrie, de la coupe des pierres, de la charpente et de la minéralogie.* [Paris : de Clérin (?) c. 1839]. Original mahogany box with twenty-seven polyhedrons and one cylinder, all of varying sizes with mathematical definitions or formulas printed on each side. An early mathematical and geodesical puzzle provides an inventive way to explain *stéréotomie*, the science of cutting materials used in construction, carpentry, or mineralogy. The individual pieces can be fit together in numerous patterns and shapes, and can be removed and examined to explain the geometry of cut stone or wood. This particular object was exhibited by the Boeringer Brothers at the Paris 1839 *Exposition des produits de l'industrie Française*. \$ 9500.00



### GENERAL RELATIVITY

#### FROM THE LIBRARY OF A NAZI SYMPATHIZER

28. **EINSTEIN, Albert.** *Die Grundlage der allgemeinen Relativitätstheorie.* Leipzig: J. A. Barth, June, 1916. 8vo. Original printed wrappers on rippled paper. An uncut copy, ownership signature on the front wrapper, preserved in a half-morocco solander box. First separate printing of Einstein's classic paper. Not an offprint from the *Annalen der Physik* as is often thought, but a completely new setting of type with significant and important additions and revisions, including an introduction published here for the first time which was not in the journal issue. From the library of Dr. Sten Lothigius, Swedish physicist with an affinity to the Nazi movement, an anti-Semite who wrote against the theory of relativity and Einstein. His book, *Esquisse d'une théorie nouvelle de la lumière (Sketch of a new theory of light)*, 1920, is noted in Christopher Jon Bjerkness, *The manufacture and sale of Saint Einstein* (see the website [jewishracism.com](http://jewishracism.com)). \$ 8500.00

### THE EARLIEST CONTRIBUTION TO THE PHILOSOPHY OF MATHEMATICS

29. **EUCLID.** [Greek:] *Elementa geometriae.* Basle: Johann Herwagen, 1533. Folio. Decorated woodcut border to first page of text, numerous woodcut diagrams. Contemporary English calf. *Editio princeps* of Euclid's *Elements*, an epic-making text with the important commentary by Proclus on the first book, the earliest extant criticism of Euclid's fifth postulate on the existence of parallel lines, the study of which led, after a further fifteen hundred years of effort, to the discovery of non-Euclidean geometry by Gauss, Bolyai and Lobachevsky. It is also the first printing of the earliest work on the philosophy of mathematics. \$ 35,000.00



### AN AMAZING JOURNEY

**30. FORREST, Captain Thomas.** *A voyage to New Guinea, and the Moluccas, from Balambangan: including an account of Magindano, Sooloo, and other islands . . . to which is added, a Vocabulary of the Magindano Tongue.* London: G. Scott, 1779. 4to. Engraved frontispiece portrait plus 32 engraved plates and maps. Contemporary calf. First edition of a truly amazing journey from one of the most experienced ship captains sailing the eastern seas. Forrest here documents a trade journey starting from a small settlement on the island of Borneo east to the northern coast of New Guinea, then through the Moluccas and finally to the Malay Peninsula. Forrest's recollections include everything from his encounter with a wild boar to descriptions of multi-day wedding ceremonies. Full of maps and illustrated panoramas, detailed coastal charts, genealogical trees and lists of city populations or items exchanged with Chinese vessels, the book concludes with the very important English to Magindano and Papua vocabulary. \$ 4000.00

### THE FIRST FRENCH PATENT FOR AN INVENTION

**31. FOULLON, Abel [Fullon, Fullone].** *Descrittione, et uso dell'holometro. Per saper misurare tutte le cose, che si possono veder coll'occhio cosi in lunghezza, & larghezza; come in altezza & come in altezza & profondita .* Venice: Giordano Ziletti, 1564. 4to. With 16 engravings. Old limp vellum. First Italian edition (after the first French edition of 1555) of a valuable treatise on the author's newly invented quadrant for geometrical measuring and surveying. The device, which he named holometre, resembled a cross-staff, and was mainly intended for the delineation of cartographical maps and surveying. However, and of great interest, the instrument gave instant results, without the need for calculations in the age before logarithms. It is for this invention that Henry II granted the first ever patent in France to Foullon. \$ 5000.00

### CHEMICAL SYNOPTIC TABLES

**32. FOURCROY, A[ntoine] F[rançois comte de].** *Synoptic tables of chemistry, intended to serve as a summary of the lectures delivered on that science in the public schools at Paris.* London: T. Cadell & W. Davies, 1801. Folio. 4 pp. and 12 double-page printed leaves. Overall in excellent condition. First English edition of this scarce and handsome set of Fourcroy's chemistry tables, the first set of chemical synoptic tables ever published. They were originally created as teaching aids to be split up and posted on the wall of a laboratory or classroom, which likely contributed to the current rarity of complete sets. \$ 5000.00

### INFANTILE SEXUALITY

**33. FREUD, Sigmund.** *Drei Abhandlungen zur Sexualtheorie.* Leipzig & Vienna: Deuticke, 1905. 8vo. Original printed wrappers. First edition. Freud introduces here his epochal theory of infantile sexuality, which linked the forces motivating the development of body and mind from earliest infancy. \$ 4500.00

### RENAISSANCE ASTRONOMY FROM THE VENETIAN SOCRATES

**34. [GABRIELE, Tryphon] GABRIELE, Giacomo.** *Dialogo di M. Iacomo Gabriele nel quale de la sphaera, et degli orti et occasi de le stelle, minutamente si ragiona.* [Colophon: Venezia: Giovanni Griffio, Giovanni Ferri e fratelli, 1545]. 8vo. Later vellum; an excellent copy. First and only edition of this rare treatise written in the form of a dialogue between some of the most prominent humanists and philosophers in the Italian Renaissance. Tryphon Gabriel (1470–1549), known as the Venetian Socrates, here identifies astrology as the most noble and true science; his eclectic perspective occupies the boundary between the philosophies of Plato and Aristotle. Tryphon, practically unknown for his interest in the sciences, is well known for collaborating with his dearest friend Pietro Bembo in the codification of the Italian language. Of particular interest is that Tryphon did not publish any of his own writings during his lifetime. That was left to Giacomo Gabriele (1510–1550), Tryphon's nephew and heir, who has created the critical edition of his uncle's work on astronomy, astrology, theology and philosophy. It is a timely publication, discussing the validity of early theories of astrology in light of Renaissance approaches to science, especially given the recently published *De revolutionibus* by Copernicus. \$ 5500.00

### IN DEFENSE OF COPERNICUS

**35. GALILEI, Galileo.** *Dialogo sopra i due Massimi Sistemi del Mondo Tolemaico, e Copernicano.* Florence: Giovanni Battista Landini, 1632. 4to. Engraved frontispiece by Stefano della Bella in fine facsimile on early paper. Contemporary vellum. First edition of Galileo's statement and defense of the Copernican system of heliocentrism, which directly led to his trial for heresy in Rome in 1633. The frontispiece, which was not included in the first issue of the first edition (as in this copy), was added at a later date. \$ 40,000.00

### THE MONUMENTAL FLORENTINE TRIBUNA TO GALILEO



**36. GALILEO [ROSINI, Giovanni].** *Descrizione della tribuna inalzata da sua Altezza Imp. e reale il Granduca Leopoldo II alla memoria di Galileo.* Firenze: Luigi Bardi. 1841. 4to. With 15 copperplate engravings. Original printed wrappers. First edition. Leopold II, Grand Duke of Tuscany, established the most tolerant reign of the Italian states. From 1839-1841 Leopold allowed the Congress of Italian Scientists to take place in Pisa and Florence, despite Vatican opposition. At the end of the Congress, the monument, Tribune to Galileo Galilei, was unveiled to the public. The Tribune represents a rare example of Florentine Neoclassical architecture, which is vividly described. As the monument has been restored recently, this work offers a unique chance of taking a look of the original composition of the tribute paid to Galileo. \$ 450.00

### ACCURATELY CALCULATING AND PREDICTING ORBIT LOCATION

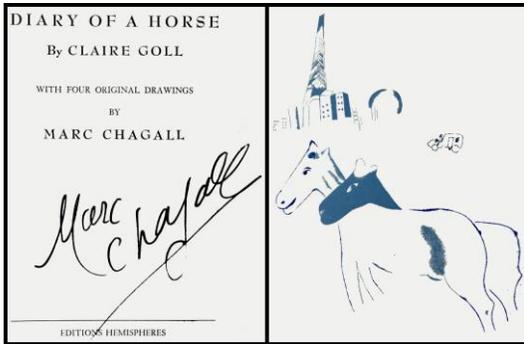
**37. GAUSS, Carl Friedrich.** *Theoria motus corporum coelestium in sectionibus conicis solem ambientium.* Hamburg: Perthes & Besser, 1809. 4to. With 20 pages of tables and 1 engraved plate. Nineteenth century half-morocco over pebbled cloth. First edition of Gauss's famous classic on celestial mechanics, where 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

### ORIGIN OF THE "PHOTO OP"

**38. GILPIN, William M. A.** *Observations, relative chiefly to the picturesque beauty, made in the year 1772, on several parts of England; particularly the mountains, and lakes of Cumberland and Westmoreland.* London: Printed for R. Blamire, 1792. Two volumes. 8vo. With 30 aquatint plates. Contemporary tree calf. Third edition of this significant travelogue and observations on the beauty of the Scottish landscape, particularly in Cumberland and Westmoreland.

\$ 1500.00





**SIGNED BY CHAGALL AND THE AUTHOR**

**39. GOLL, Claire.** *Diary of a horse.* New York: Editions Hemispheres, 1946 [colophon states November, 1945]. 4to. With 4 original drawings by Marc Chagall. Original boards; an exquisite copy. First edition, one of 320 copies printed overall. Ours is Number 156 printed on Ticonderoga paper, signed on the colophon by the author, plus Chagall's signature on the title page. Wonderful stories of a Paris cab-horse. \$ 2500.00

**EARLY JESUIT ANTI-COPERNICAN VIEWS**

**40. GRANDAMI, Jacques.** *Nova demonstratio immobilitatis terrae petita ex virtute magnetica.* La Flèche: Geroge Griveau, 1645. 4to. With 7 plates and 24 text engravings. Contemporary vellum. First and only edition of a fascinating work on magnetism, notable not only for the author's anti-Copernican and anti-Galilean views, but also as a history of the magnet. Grandami uses his own theories, including results of his experiments, on terrestrial magnetism in an attempt to prove the immobility of the earth. Grandami, a French Jesuit physicist and astronomer, was dean of the college at La Flèche, where Descartes was schooled and the site of the main Jesuit press. He corresponded with Descartes, Huygens and Mersenne, and made detailed observations of comets of 1664 and 1665, which caused much religious and academic debate.



Grandami, a French Jesuit physicist and astronomer, was dean of the college at La Flèche, where Descartes was schooled and the site of the main Jesuit press. He corresponded with Descartes, Huygens and Mersenne, and made detailed observations of comets of 1664 and 1665, which caused much religious and academic debate. \$ 9500.00

**EVERYTHING YOU WANTED TO KNOW ABOUT OPTICS**

**41. GRIFFIN, William N.** *A treatise on optics.* Cambridge: Printed at the University Press, 1838. 8vo. With 8 plates. Contemporary half-calf over cloth boards. First edition. In a series of short chapters, Griffin defines properties and dispersion of light, and treats all aspects of reflection and refraction. He then delves much deeper into the mathematical properties of light rays, as well as geometrical and physical optics. A large section is devoted to vision optical instruments, with a final piece on rainbows. \$ 450.00

**THREE VALUABLE PAPERS; ALL PRESENTATION COPIES**

**42. HAECKEL, Ernst.** *System der Siphonophoren auf Phylogenetischer Grundlage entworfen. (with) Plankton-Composition. (with) Die cambrische Stammgruppe der Echinodermen.* Three original offprints, each from *Jenaische Zeitschrift für Naturwissenschaft*, 1888; 1892; 1895. Presentation copies. First editions of these zoological monographs, which contained reports of thousands of new species of lower marine animals, most gathered on the Challenger expedition. \$ 2500.00

**CIRCULATION IN PLANTS AND ANIMALS**

**43. 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

#### ENABLING LONG-DISTANCE TELEPHONE SERVICE

44. **HEAVISIDE, Oliver.** *Electrical papers.* New York and London: Macmillan and Co., 1894. Two volumes. 8vo. Text illustrations. Original publisher's cloth; an exceptionally good copy. Scarce second edition of Heaviside's collected works in all aspects of practical and theoretical electricity. He deals with "theoretical aspects of problems in telegraphy and electrical transmission, making use of an unusual calculatory method called operational calculus, now better known as the method of Laplace transforms, to study transient currents in networks" (*Encyclopedia Britannica*).  
\$ 1500.00

#### FIRST EDITION OF HERTZ' COLLECTED WORKS

45. **HERTZ, Heinrich.** *Gesammelte Werke.* I. *Schriften vermischten inhalts*; II. *Untersuchungen über die ausbreitung der elektrischen kraft*; III. *Die prinzipien der mechanik in neuem zusammenhange dargestellt.* Leipzig: Johan Ambrosius Barth, 1895-1894. Three volume. 8vo. With frontispiece portrait, large folding plate, and 40 text illustrations. Generally a good clean set from the library of Stillman Drake. First edition of Hertz' collected works, containing 22 of his papers, the second edition of *Untersuchungen ueber die Ausbreitung der elektrischen Kraf*, his treatise on electric waves, and the actual first printing of *Die prinzipien der mechanik*, one of the classic works of nineteenth-century philosophy of science.  
\$ 850.00



THE IRREGULAR FULL TULIP.

#### MAKING THE MOST OF YOUR TULIPS

46. [**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. He gives a detailed account of understanding the process of nature, as well as directions on how to double the flowers of many plants. Hill, though best known for his botanical works with which he introduced the classification system of Linnaeus into England, was certainly one of the most controversial figures in eighteenth-century England.  
\$ 4500.00

#### HOOKE'S SUPPLEMENT TO THE MICROGRAPHIA

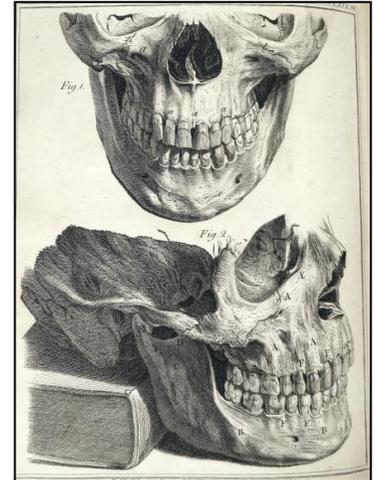
47. **HOOKE, Robert.** *Lectures and collections.* London: J. Martyn, 1678. 4to. With 5 folding engraved plates; an excellent copy, crisp and clean, in modern polished calf. First edition of one of the very rare volumes of the author's lectures which Sir John Cutler initiated in 1664 for his benefit. Hooke, whose genius threw a gleam of light on every subject of physics which engaged his attention, gives here some remarkable supplements to his *Micrographia*. Miscellaneous contributions from Boyle, Halley, Cassini, Gassendi, Hevelius, and others are included. Of particular interest is the letters Leeuwenhoek communicated to the Royal Society concerning microscopical discoveries, including an account of the "little animals" he had found in pepperwater (protozoa and bacteria).  
\$ 12,500.00

#### DARWIN'S INSPIRATION

48. **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

### CLASSICS IN THE HISTORY OF DENTISTRY

49. **HUNTER, John.** *A natural history of the human teeth: explaining their structure, use, formation, growth & diseases. (bound with) A practical treatise on the diseases of the teeth intended as a supplement to the natural history of those parts.* London: J. Johnson, 1771; 1778. Two works in one. 4to. Complete with the rare half-titles to both parts. With 16 copperplates, each with printed explanation leaf. Full calf in a contemporary style. First edition of each work. Hunter correctly described “the growth and development of the jaws and their relation to the muscles of mastication,” and was the first to recommend complete removal of the pulp in filling teeth. \$ 7500.00



50. **HUNTER, John.** *Observations on certain parts of the animal oeconomy.* London: [n.p.], 1786. 4to. With 18 engraved anatomical plates. Contemporary calf-backed paste-boards; a very nice copy with wide margins. First edition. This work, considered one of Hunter’s four major masterpieces, contains fourteen separate monographs on zoology and comparative anatomy. \$ 1750.00

### THE MOST COMPREHENSIVE COLLECTION OF HUYGENS’ WORKS

51. **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, edited by ’sGravesande. This set contains Huygens’ works on gravity and accelerated motion, the laws of elastic bodies, and the undulatory theory of light, perhaps his most important achievement. 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. This machine, as well as a number of other innovations and discoveries, are all depicted in the finely engraved illustrations. \$ 8500.00

### THE NATURE OF HEAT

52. **JOULE, James Prescott.** *The scientific papers.* London: The Physical Society of London, Taylor & Francis, 1884; 1887. Two volumes. 8vo. Frontispiece portrait and 7 plates. Original cloth. First edition of Joule’s collected works, containing the first appearance in a book of his most valuable paper, *On the caloric effects of magneto-electricity*, as well as his famous treatise, *The mechanical value of heat*. Also included are details of projects which he carried out in association with Scoresby, Playfair, and William Thomson. \$ 850.00



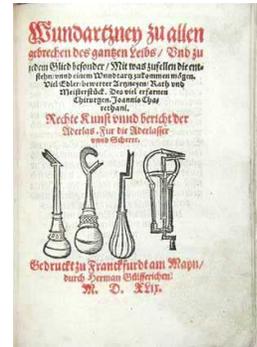
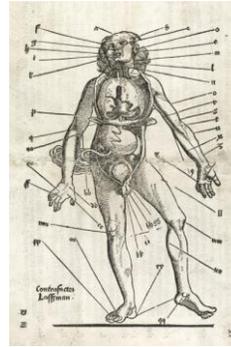
### ARTISTICALLY NAVIGATING THE PERILOUS WATERS OF CAPE HORN

53. **KENT, Rockwell.** *Voyaging southward from the Strait of Magellan.* New York & London: G. P. Putnam’s Sons, 1924. 4to. Complete with frontispiece and title page vignette, 69 illustrations and endpaper maps. Cloth with woodcut illustration and title on front board. First edition, first printing, of Kent’s lively narrative about his attempt to circumnavigate Cape Horn. Filled with exquisite woodcut illustrations, this text provides valuable insight into the people, culture, and landscape of South America, as well as the travel culture of the twentieth century. \$ 650.00

### EARLY ANATOMICAL WOODCUTS

54. **KETHAM, Joannes de.** *Wundartzney zu allen Gebrechen des gantzen Leibs.* Frankfurt am Mayn: Herman Güllfferichen, 1549. 4to. With 4 large woodcut instruments on title, a large double page wound-man woodcut, and small woodcut of a zodiac man. Old German pasteboards. Early edition of this rare surgical treatise containing the first detailed anatomical illustrations ever printed.

\$ 12,500.00



### THE WONDERFUL WORLD OF KLEE

55. [**KLEE, Paul**]. **KORNFELD, Eberhard W.** *Verzeichnis des graphischen Werkes von Paul Klee.* Bern: Verlag Kornfeld und Klipstein, 1963. Folio. With 150 color and monochrome plates. Original publisher's cloth, dust jacket a bit worn and chipped in the corners; interior excellent. First edition of the major catalogue of Paul Klee's work, one of 1400 copies. Laid in is a 24-page guide to Klee's work in the Bern Art Museum (*Wegweiser zu Paull Klee im Kunstmuseum Bern*) dated September 22, 1987, containing photographic illustrations as well as both color and black and white images of Klee's art.

\$ 850.00

### SCIENTIFIC EXPLORATION OF SOUTH AMERICA

56. **LA CONDAMINE, [Charles Marie de].** *Journal du voyage fait par l'ordre du roi, a l'équateur, servant d'introduction historique a la mesure des trois premiers degre's du meridien. (offered with) Mesure des trois premier degre's du meridien dans l'hemisphere Austral, tirée des observations de M.rs de l'académie royale des sciences, envoyés par le roi pour l'équateur.* Paris: De L'Imprimerie Royale, 1751. Two separate volumes. 4to. With 9 engraved plates, including the map of Quito. Contemporary tree calf. First edition of the account of the scientific expedition to the equator sponsored by the Academie des Sciences, the purpose of which was to measure an arc of the meridian in order to settle a controversy over the shape of the earth. La Condamine ultimately split from his group and traveled alone to Quito, and then down the Amazon.

\$ 7500.00

### LINNAEUS CRITICIZED

57. **LAMARCK, Jean-Baptiste.** *Flore Française ou description succincte de toutes les plantes qui croissent naturellement en France, disposée selon une nouvelle méthode d'analyse, & à laquelle on a joint la citation de leurs vertus les moins équivoques en médecine, & de leur utilité dans les arts.* Paris De L'Imprimerie Royale, 1778. Three volumes 8vo. With 8 folding engraved plates. Contemporary mottled calf; overall an excellent copy from the library of Richard Burkhardt. First edition Lamarck's first acclaimed work, and one of the first French books to include the Linnaean nomenclature as well as that of Tournefort. It is here that Lamarck developed his "method of analysis," a system of identification of plants by dichotomous keys which resulted in the ability to name various groups of plants through mutually exclusive characteristics.

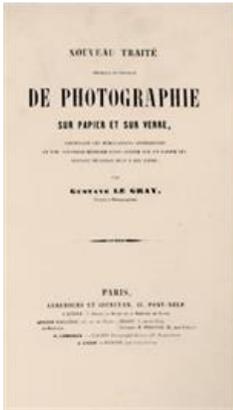
\$ 1200.00

### AN EXCELLENT STUDY OF CHAGALL'S ART

58. **LASSAIGNE, Jacques.** *Chagall.* Paris: Maeght, 1957. 4to. With 13 original lithographs in color, 2 in black and white, plus 11 color and numerous black and white reproductions. First edition of one of the best books on Chagall. The lithographs were printed by Mourlot of Paris. Text is in French. Included are two poems by Chagall, plus a critical study of Chagall's work.

\$ 1200.00





### THE MOST IMPORTANT PHOTOGRAPHER OF THE NINETEENTH CENTURY

**59. 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 Baillièere, 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

**60. LE VERRIER, Urbain Jean Joseph.** "Recherches sur les mouvements d'Uranus." From *Comptes rendus hebdomadaires des séances de l'academie des sciences.* Paris: Bachelier, 1 June, 1846. Plus 8 additional issues. All 9 parts 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. \$ 6500.00

### CONTEMPORARY BIOGRAPHY OF THE JESUIT'S FOUNDER

**61. [LOYOLA]. LANCICIUS, Nicolas.** *Gloria sancti P. Ignatii de Loyola fundatoris Societatis Iesu.* Antwerp: Henricum Aertssens, 1628. 24mo. Engraved title with a vignette of Loyola. Contemporary vellum; a wonderful copy. First edition (?) of the author's rare and very original account of the life and achievements of the founder of the Society of Jesus, Ignatius of Loyola (1491-1556). Lancicius recalls Loyola's life milestones, from his period of illness to his trip to the Holy Land, and explores the Saint's magnanimity, his virtues and the incredible oratory that he infused into his *Spiritual exercises*. He deals with the reports of miracles while Loyola was alive and after his death, and devotes the final chapters to Francis Xavier, Teresa of Avila, Philip Neri, all saints canonized in 1622 with Loyola by Pope Gregory XV. No copies located in America. \$ 1800.00

### TRAVEL IN PERSIA

**62. [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 from Bombay, and sails into the Persian Gulf, arriving at Abusheher. From there his party moves inland into the mountains, and finally reaches Shiraz and then Persepolis. Malcolm fills this work with his observations about the people he meets, and recounts Persian folk stories and fables. \$ 1200.00



### AN EXTRAORDINARY PUBLICATION

**63. MANN, Thomas.** *Walsungenblut. Mit steindruckten von Th. Th. Heine.* Munich: Phantastus, [1921]. 4to. With 12 full-page and 20 smaller lithographs by Thomas Theodor Heine. All tissue guards present. Full vellum. Signed by Mann and Heine. First edition. From an overall printing of 530 copies, ours is number 46 of 70 bound in vellum. This famous novella parodies Richard Wagner's musical drama *The Valkyries*, a twisted tale of hospitality, battle, love and incest. Mann was probably Germany's most influential author of the twentieth century, receiving the Nobel Prize in Literature in 1929. \$ 3500.00

EYEGLASSES - - A FLORENTINE INVENTION?

64. **MANNI, Domenico Maria.** *Degli occhiali da naso inventati da Salvino Armati gentiluomo fiorentino, trattato storico.* Florence: Stamperia d'Anton-Maria Albizzini, 1738. 4to. Contemporary vellum-backed marbled boards. First edition of one of the first books on the history of spectacles. With great pride in the history and historical culture of Florence, Manni here discusses the invention of eyeglasses by Salvino degli Armati (d. 1371), a discovery on par with the improvement of the telescope by Galileo, the works of Michelangelo, and other achievements by notable Florentines. \$ 1500.00

VALUABLE MATHEMATICS SAMMELBAND

65. [MATHEMATICS]. Six papers bound together in 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. 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, 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]. Two separate papers on virtual displacements. 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. With a 4 page letter containing mathematical symbols handwritten by Lerch to Karl Weierstrass tipped in. First printings of Lerch's contributions to general mathematical functions. 6. **MÉRAY, [Hugues Ch[arles Robert].** *Théorie des radicaux fondée exclusivement sur les propriétés générales des séries entières.* Dijon, Darantiere, [1885]. Title page in manuscript signed by Méray and dated Dijon, 1891. With annotations throughout probably by the author for another edition. First edition of Méray's famous work, *Radical theory based exclusively on the general properties of power series.* \$ 10,500.00

A BIBLE OF BEAUTY FOR WOMEN IN EARLY EDO JAPAN



66. **MIZUSHIMA, Bokuya (scribe & artist).** *Kesyō mayuzukuri kuden (Makeup instructions as handed down).* [Kyoto, ca. 1690]. Calligraphic scroll in Japanese. With 33 brilliant illustrations, ten in color. Extraordinary work illustrating techniques for a woman to achieve beauty in the early Genroku period (1688-1704), the golden age of Edo Japan (1603-1867). The desire to be beautiful is the theme of this elegant illustrated manuscript. Depicted here are the secrets for makeup and hair styles (handed down through generations) with explanatory text. Some of the images show the contours of faces applying their makeup. When women married they were supposed to pluck or fully shave off their eyebrows ("hikimayu") to hide their natural expression, and replace them with painted eyebrows. They also colored their teeth black, which was an important color in the expression of beauty and splendor. Other images illustrate elaborate hairstyles, including hair pieces, a variety of thirteen makeup accessories, and a delightful figure of a lady dancer dressed in a colorful kimono. \$ 18,000.00

THE FIRST PRINTED DESCRIPTION OF A VOICE SHATTERING GLASS

67. **MORHOF, Daniel Georg.** *Epistola de scypho vitreo per certum humanæ vocis fonum ruptô.* Kiel: Joachimus Reuman, 1672. 4to. First edition of this unusual letter from Morhof to medical colleague Johann Daniel Major, recounting how an Amsterdam wine merchant had figured out how to break glasses with his voice. The author cites the earlier acoustic works of Boyle, Descartes, Kircher and more, including Daniel Bartoli, Rector of the Jesuit College of Rome, who was previously noted for providing the earliest modern exposition on the physics of sound in his *Del suono de 'tremori armonici* of 1680. \$ 1500.00

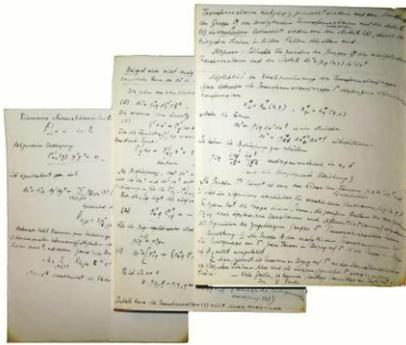


**FIRST MONOGRAPH ON EXPERIMENTAL TERATOLOGY**

**73. PANUM, Peter Ludwig.** *Untersuchungen über die Entstehung der Missbildungen zunächst in den Eiern der Vögel.* Berlin: Reimer, 1860. 8vo. With 12 full-page plates, each with numerous figures (many in color). Cloth-backed boards; an excellent copy, mostly unopened. First edition of the first book on experimental teratology, based largely on work involving chickens (beginning at the level of the embryo). Influenced by “the French school of vivisectionist physiology,” Panum’s embryological studies and teratology research reflected an intense contemporary interest in the subject of malformations. \$ 950.00

**WOLFGANG PAULI’S MANUSCRIPT NOTES FOR EINSTEIN**

**74. PAULI, Wolfgang.** *Manuscript.* Three pages on two 8 ½ x 11 in. leaves. In German. Princeton, NJ: no later than 1945. The calculations in the first two pages relate to Einstein’s general theory of relativity. In a paper of June 19, 1945, Einstein had suggested a generalization of the mathematical foundations of general relativity, proposing to generalize the theory such that distances in space would be invariant (unchanging) not only under changes of the frame of reference (as in the original theory) but also under so-called Hermitian transformations. Pauli notes for Einstein (both were at the Institute for Advanced Studies at the time) that a restriction to Hermitian transformations is problematic, and he suggests an even more general transformation group, and thereby provides a generalization of the alleged structure of space and time that goes further than that proposed by Einstein. The third page, also in Pauli’s hand, is not directly related to the preceding pages, even though it, too, contains differential geometric calculations, related to curvature of spacetime and which paths through spacetime are the straightest ones. \$ 65,000.00



**THE ART OF ABDOMINAL PALPITATION AND MANIPULATION**

**75. PINARD, Adolphe.** *Traité du palper abdominal au point de vue obstétrical et de la version par manoeuvres externes.* Paris: H. Lauwereyns, 1878. 8vo. With 29 text illustrations. First edition. The practical importance of abdominal palpitation as an aid to obstetrical diagnosis was not generally recognized until 1878 when Pinard published his classic treatise on the subject. Pinard here details his technique for evaluating the cephalopelvic relation and to methods of determining the intrauterine orientation of the fetus. \$ 750.00



**VALUABLE WORK ON COMETS**

**76. PINGRÉ, [Alexandre Gui].** *Cométographie ou traité historique et théorique des comètes.* Paris: L’Imprimerie Royale, 1783-84. Two volumes. 4to. With 7 engraved plates. Contemporary mottled calf. First edition. The text is divided into four parts: a history of astronomy dating from ancient Babylon and Egypt through the eighteenth century; a catalogue of all the comets observed since antiquity with orbital elements of 166 for which paths had been computed (50 by Pingré himself); cometary returns and their physical effects upon the earth; and the methods for computing cometary orbits. \$ 4500.00



"I TRIED TO STALK HIM."

**ON THE TRAIL OF BIG GAME IN INDIA**  
**77. POLLOCK, Lieut-Colonel A[rthur] J[ohn] O[sborne].** *Sporting days in southern India: reminiscences of twenty trips in pursuit of big game, chiefly in the Madras Presidency.* London, Horace Cox, 1894. 8vo. With frontispiece and 26 plates. Original publisher's illustrated green cloth. First edition of this classic account of multiple big game hunts. Capturing the thrill of the hunt in his prose, the author describes the strategy in stalking bears, panthers, tigers, bison, elephants, deer, ibex, and other animals. He also provides details and helpful information about preparation for camping and travel in the jungle, especially during the monsoon season in India. \$ 750.00

#### THE FAMOUS THEORY OF POTENTIAL FALSIFIABILITY

**78. POPPER, Karl R.** *The logic of scientific discovery (Logik der Forschung).* London: Hutchinson, 1959. 8vo. A superb copy in the original dust jacket. First edition in English translated by the author from the original German. This book is a classic in philosophic epistemology in which Popper argues that scientific theories can never be proven, merely tested and corroborated. It is here that Popper first introduced his famous solution to the problem of induction. \$ 500.00

#### GREEK MATHEMATICS IS MORE THAN "CLASSICAL GEOMETRY"

**79. PTOLEMAEUS, Claudius.** *Liber de analemmate, a Federico Commandino Urvinate instauratus, & commentariis illustratus, qui nunc primum eius opera e tenebris in lucem prodit.* Rome, Paulum Manutius, 1562. 4to. Modern full calf in an antique style. First and only edition of Ptolemy's celebrated application of mathematics to astronomical problems. \$ 5500.00

#### BALTIMORE'S YELLOW FEVER EPIDEMIC

**80. REESE, David.** *Observations on the epidemic of 1819 as it prevailed in a part of the city of Baltimore.* Baltimore: Published by the author, 1819. 12mo. Modern quarter calf over marbled boards. Inscribed by the author. First edition of an important analysis of the yellow fever epidemic that struck Baltimore in the first part of the nineteenth century. Dr. Reese examines the possible causes and concludes that polluted water in and around Baltimore is the most likely culprit. He continues to examine the progression, contagion, and quarantine of the illness and also provides an appendix detailing symptoms and treatment. Reese's analysis of the epidemic brought to light many of the sanitary problems facing Baltimore and other heavily populated port cities in the United States at the time. \$ 450.00

#### TRAVEL THROUGH THE SAHARA

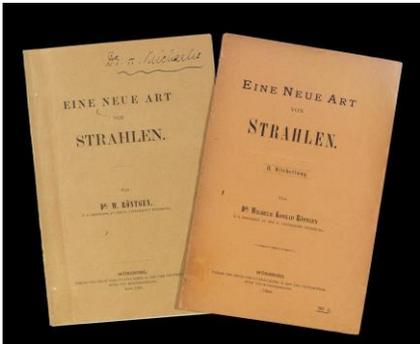
**81. RICHARDSON, James.** *Travels in the great desert of Sahara, in the years of 1845 and 1846. Containing a narrative of personal adventures, during a tour of nine months through the desert, amongst the Touaricks and other tribes of Saharan people; including a description of the oases and cities of Ghat, Ghadames, and Mourzuk.* London: Richard Bentley, 1848. Two volumes. 8vo. With 3 engraved plates, large folding map, and 24 text woodcuts. Contemporary half morocco and marbled boards. First edition of this account of Richardson's first expedition to Africa. The



idea, to reach the “celebrated Oasis of Ghadames . . . amidst the most appalling desolations of the Great Saharan Wilderness,” came to Richardson via the accidental reading of a brochure on a table in the Algiers public library. This glance resulted in a journey from Tunis and Tripoli in Libya to Ghadames and Ghat in the middle of the Sahara. Readers travel with Richardson through cities, trader routes and more oases, learning the language, the culture, and the religion of the people whom they encounter. It is as fascinating and rich as any nineteenth-century travel narrative. \$ 900.00

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

**82. 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.* 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

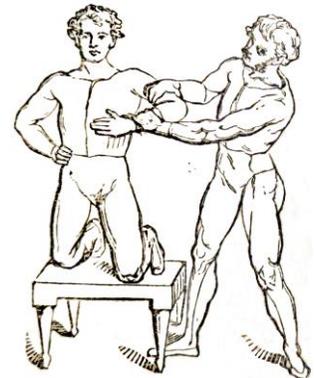


**ORIGINAL OFFPRINTS OF THE INVENTION OF X-RAYS**

**83. RÖNTGEN, Wilhelm Konrad.** -- *Eine neue Art von Strahlen. (together with) -- Eine neue Art von Strahlen. II. Mittheilung (Fortsetzung und Schluss).* 8vo. Original printed wrappers. Original offprints from *Sitzungs-Berichten der Physikalisch-medicinischen.* 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. \$ 18,000.00

**ANTICIPATING THE TRENDS IN PHYSICAL THERAPY**

**84. ROTH, M[athias].** *Hand-book of the movement cure; a description of the positions, movements, and manipulations, used for preventive and curative purposes. . . .* London: Groombridge & Sons, 1856. 8vo. With 155 text engravings. Blind-stamped publisher’s cloth. First edition. A unique and fascinating early approach to medical treatment by movement, a predecessor of physical therapy. Roth treats various movements, with exacting illustrations, detailing which ailments can be helped (“cured”?) by each specific motion. \$ 550.00



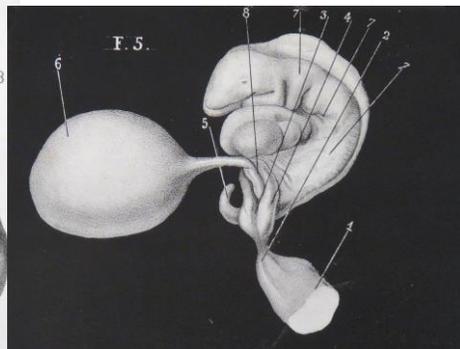
**CELEBRATED PAPERS BY MAJOR SCIENTISTS**

**85. [ROYAL SOCIETY OF LONDON].** *Philosophical transactions.* A collection of eight early issues of the *Philosophical transactions*, 1668-1687. Included are articles by Wallis, Ray, Flamsteed, Boyle, and letters from Huygens, Hevelius, Francis Willughby, and Lister. Also reviews of books by Mayow, Grew, Cherubin d’Orleans Redi and Tomas Willis, among many others. \$ 3000.00



**CELEBRATED COLLECTION OF ARABIC MEDICINE**

**86. RUSTICUS, [Petrus Antonius].** *Memoriale medicorum canonice practantium.* Pavia: Bernardino Garaldi, 28 July 1517. Five parts in one. 8vo. Each part with the epochal woodcut depicting St. Cosmas and St. Damian, patrons of physicians-surgeons, holding the urine flask. Also present are the 2 synoptic tables usually lacking. Blindstamped sheepskin. First edition of Rusticus' extremely rare Latin translation of the medical and pharmaceutical treatises of Avicenna, Rhazes and Mesue. A portion of the text contains the Venetian edition of the *Canon* from 1502, but of major significance here Rusticus provides his own commentary, which includes pragmatic aspects of contemporary medical practice. \$ 7500.00

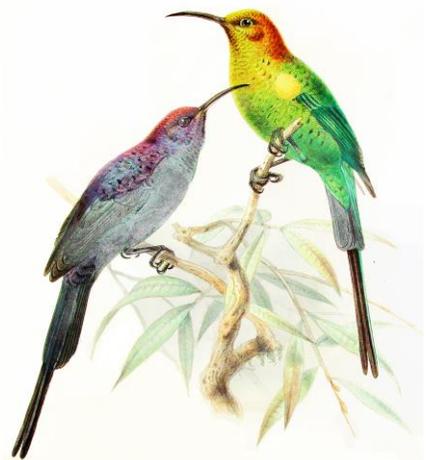


**CONFIRMATION OF EPIGENESIS**

**87. SERRES, [Antoine Étienne Reynaud Augustin].** *Anatomie comparée transcendante. Principes d'embryogénie, de zoogénie et de teratogénie.* Paris: Firmin Didot Frères, 1859. Two volumes (text & atlas). 4to. Atlas with 26 folding lithograph plates. Morocco-backed marbled boards. First edition. Serres believed that there was only one underlying animal type and that in the course of development, the organs of higher animals repeated the form of the equivalent organs in lower organisms. In other words, higher animals go through embryological stages analogous to the adult stages of lower life-forms in the course of their development. The plates illustrate such things as organ development, incompletely separated twins and malformed limbs. \$ 1500.00

**ACCURATE AND ARTISTIC ILLUSTRATIONS**

**88. SHELLEY, George Ernest.** *A monograph of the Nectariniidae, or family of Sun-Birds.* London: By the author, 1876-1880. 4to. With 121 hand-colored lithographic plates by Keulemans. Half-crushed morocco. First edition of one of the most attractively illustrated of Keulemans' works, limited to 250 copies. An excellent monograph of an interesting family of birds. \$ 18,000.00



**EXPLAINING FUNDAMENTAL DISCOVERIES IN SCIENCE**

**89. SODDY, Frederick.** *The interpretation of the atom.* London: John Murray, [1932]. 8vo. With 20 plates of photographic images, numerous text illustrations, and 2 folding plates. Original cloth, dust jacket in good condition. First edition of one of the author's most important works. This book was intended to appeal to the general reading public as well as students of science and discusses radioactive elements and isotopes in addition to the "wider application of these fundamental discoveries." \$ 850.00



**JUSTIFYING THE WORK AND NATURE OF THE SOCIETY**

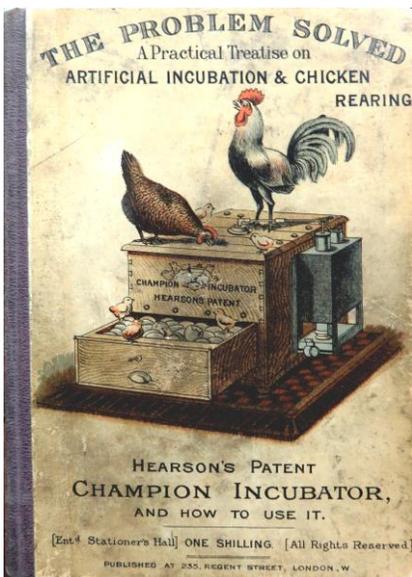
**90. SPRAT, Thomas.** *The history of the Royal-Society of London for the improving of natural knowledge.* London: Printed for Rob. Scot, Ri. Chiswell, Tho. Chapman, and Geo. Sawbridge, 1702. 4to. With 2 engraved plates. Second edition of the first history of the Royal Society. \$ 600.00

**UNDERWATER MINES AND EXPLOSIVES**

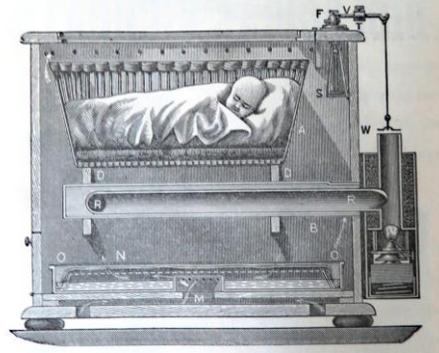
**91. STOTHERD, Major R[ichard] H[ugh].** *Notes on defence by submarine mines.* Chatham: Printed at the School of Military engineering, 1871. 8vo. With 116 text figures. Modern calf-backed marbled boards; an excellent copy of a rare book. First edition of the first textbook on submarine mining published in England. The author defines and makes a distinction between a submarine mine and a torpedo, emphasizing the offensive and defensive nature of each weapon. He proceeds to detail various types of explosives, including the best type to use depending upon the location (deep sea, inlets, lakes, etc.), and how to construct the various types of mines. Of particular importance are the means of mooring and ways to ignite mines (of which there are substantial and many ways to do so). Testing, which apparently is quite important in the manufacture and ultimate use of weaponry such as submarine mines, of everything from electrical cables to batteries is detailed. \$ 1250.00

**92. THOMSON, J[oseph] J[ohn].** *Elements of the mathematical theory of electricity and magnetism.* Cambridge: University Press, 1895. 8vo. Green publisher's cloth. First edition. Thomson here illustrates the principles of electricity and magnetism while skillfully avoiding using advanced mathematics. With the ownership inscription of G[eorge] N[eville] Watson (1886-1965), the English mathematician who applied complex analysis to the theory of special functions. \$ 300.00

**93. [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. Hathaway'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. Original cloth. First edition of these series of lectures in Lord Kelvin attempts to formulate a physical model for the aether, an extremely valuable medium that would support the electromagnetic waves that were important to the explanation of radiative phenomena. \$ 450.00



**HEARSON'S PATENT "THERMOSTATIC" NURSE, OR BABY INCUBATOR.**



**"THERMOSTATIC" NURSE, OR BABY INCUBATOR**

**94. HEARSON, Charles and Co.** *The problem solved. A practical treatise on artificial incubatio & chicken rearing. Hearson's patent champion incubator, and how to use it.* London: Charles Hearson and Co., [1900]. 8vo. Numerous text woodcuts. Cloth-backed Chromolithograph covers. Later edition of this fascinating catalogue. Hearson made various forms of poultry incubators, including one for ostriches, accessories, gas-lamps, cramming machines and other poultry-related equipment. Of particular interest, however, is the "thermostatic" nurse, or baby incubator. \$ 450.00

**AMAZING HOMEOPATHIC MATERIA MEDICA**

**95. VILLERS, A. von & THÜMEN, F. von.** *Die Pflanzen des homöopathischen Arzneischatzes.* Dresden: W. Baensch, 1893. Three volumes (1 text, 2 atlas). 4to. With 200 hand-colored engraved plates. Publisher's gilt pictorial cloth. First edition of probably the most beautiful homeopathic materia medica ever published. The fine plates are engraved and delicately hand-colored. For many homeopathic plants, this was the first time they had been illustrated in a published work. The edition was very likely quite small; outside of Germany, OCLC locates 5 copies in Europe and 7 in America (Harvard, NLM, Missouri Botanical Garden, College of Physicians, Universities of Washington, Wisconsin, Michigan).

\$ 12,500.00



**BEHAVIOR OF FLUIDS**

**96. WAALS, Johannes Diderik van der.** *Over de continuïtet van den gas-en vloeïstoftoestand.* Leiden: A. W. Sijthoff, 1873. 8vo. Original printed wrappers. First edition of van der Waals' classic dissertation on the continuity of gaseous and liquid states, and in which he introduced the "van der Waals equation" approximating the behavior of real fluids. This highly influential document, which changed the course of molecular physics, marked the beginning of a comprehensive molecular theory that was simplified using basic mechanics to explain the changes in states of liquids and vapors.

\$ 7500.00

**THE FIRST SERIES OF LECTURES ON NATURAL HISTORY GIVEN IN AMERICA**

**97. WATERHOUSE, Benjamin.** *The botanist, being the botanical part of a course of lectures on natural history. Delivered in the University at Cambridge. Together with a discourse on the principle of vitality.* Boston: Joseph T. Buckingham, 1811. 8vo. Contemporary sheepskin. First edition. Waterhouse was a founder of Harvard Medical School, where he was professor of medicine, as well as a professor of natural history at Brown. This work represents the botanical portion of a series of lectures on natural history.

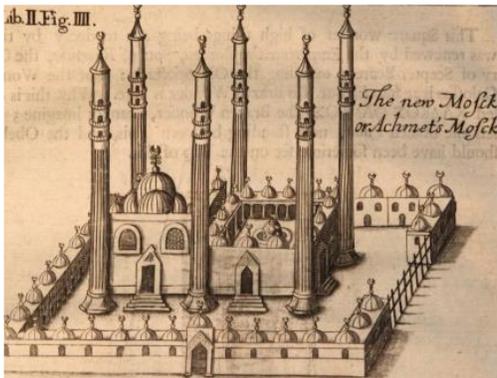
\$ 250.00

**CONTINUITY OF GERM PLASM**

**98. WEISMANN, August.** *Die Continuität des Keimplasma's als Grundlage einer Theorie der Vererbung.* Jena: Gustav Fischer, 1885. 8vo. Original printed wrappers. First edition. Weismann came to believe that the cell nucleus played the main role in transmitting hereditary characteristics. In the present essay he located the germ plasm more precisely within the nucleus, and considered the question of whether germ plasm was to be identified with the portions of the nuclear filaments that took up chromatin stain.

\$ 650.00

**ONE OF THE EARLIEST ACCOUNTS - - "AN ALMOST UNEXPLORED COUNTRY"**



**99. WHELER, 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.

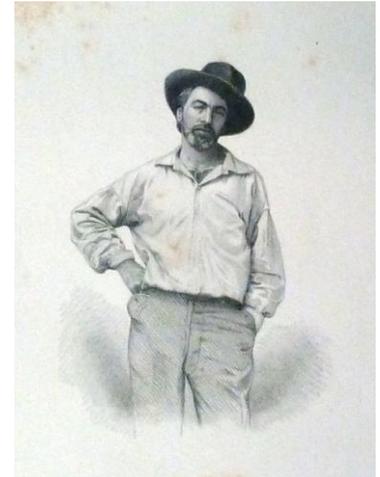
\$ 4500.00

**DEALING WITH THE COMMON COLD**

**100. WHITE, E.L.** *A popular essay on the disorder familiarly termed a cold. . . .* London: Printed for T. Cadell and W. Davies, 1807. 8vo. Modern cloth. First edition. A fascinating work on an ailment that still afflicts us without cure, despite our advanced medical knowledge. Of particular interest is a discourse on one's predisposition to suffering from colds, including personality "issues." Remedies are discussed! \$ 200.00

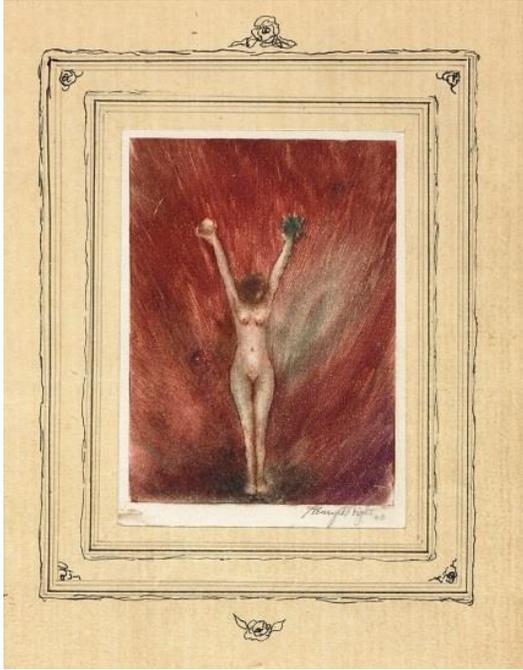
**THE STANDARD OF AMERICAN LITERATURE**

**101. 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 handsomely repaired from another copy); 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



**STUNNING WORK ON CLIMBING IN THE ANDES**

**102. WHYMPER, Edward.** *Travels among the great Andes of the equator.* London: John Murray, 1892. 4to. With frontispiece, 20 plates, and 4 maps. An excellent, uncut copy. Second edition. The magnum opus of one of the first men to ascend the Matterhorn. Whympers traveled to Ecuador with mountaineers J. A. Carrel and Louis Carrel where they climbed mountains including Chimborazo and Cotopaxi to investigate altitude sickness, collecting 8000 zoological and botanical specimens along the way. He mixes scientific inquiry with recollections of the dramatic and dangerous events during the climbs. Sensational engravings bring the journeys up the tallest mountain in Ecuador and an active volcano to life. \$ 650.00



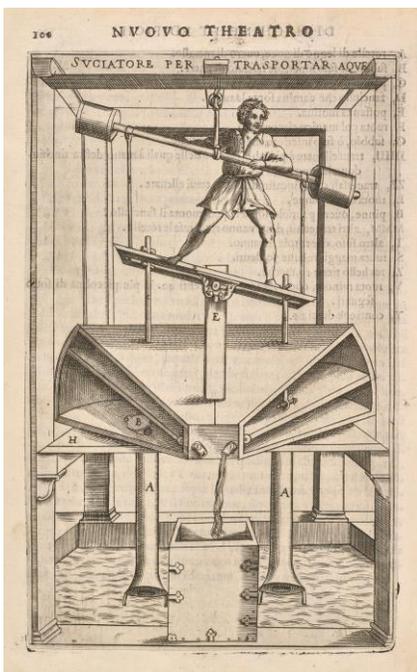
**ORIGINAL MINIATURE PAINTINGS AND PRINTING ON MONOTYPE**

**103. WIGHT, Henry A.** [*Development of the universe. From Creation to the Great Calm*]. New York, 1923. 24 miniature paintings, each with decorative separate title page, and 16 pages of printing containing quotations and poems from Blake, Tennyson and Goethe. Original calf binding with the author's wife's initials on front cover. Unique work of miniature paintings, the pattern of which follows closely to the

development of the universe. Much in the manner of William Blake, it has been noted that his paintings are suggestive of Dante's *Divine Comedy*, symbolic of the struggle of human existence. \$ 12,500.00

**THE BEGINNING OF SCIENTIFIC GEOLOGY IN ENGLAND**

**104. WOODWARD, John.** *An essay toward a natural history of the earth: and terrestrial bodies, especially minerals: as also of the seas, rivers, and springs. With an account of the universal deluge: and of the effects that it had upon the earth.* London: Ric. Wilkins, 1695. 8vo. Contemporary paneled calf. First edition. This influential book presents the orthodox contemporary views of earth structure. \$ 2500.00



**AMAZING INVENTIONS**

**105. ZONCA, Vittorio.** *Novo teatro di machine et edificii. . . .* Padua: Pietro Bertelli, 1607. Folio. Engraved title and 42 full-page engravings. Contemporary vellum. First edition. This was the first of many works detailing and illustrating machinery. Zonca's images, copied by many later writers, include inventions for mills such as a water mill running silk-spinners and a water-powered grain mill operated on a boat moored in a river, copper plating and printing presses, a barbeque spit turned by gears and a windmill, as well as a perpetual motion machine. \$ 20,000.00

PRINTS AND PHOTOGRAPHS



**LE PAUTRE, Jean (1618-1682)**

[*Birth of Adonis*]. [Paris]: n.d. [mid-17th century].  
Sheet: 22.4 x 32 cm. Plate: 21.7 x 31.6 cm.  
Signed in plate “Le Potre Invent et fecit. Le  
Blond Avec Privilege.” Etching on ivory laid  
paper, trimmed close to plate edges, good  
impression. \$ 1200.00

**HYDE, Helen (1868-1919)**

[*The Bath*], 1905. Sheet: 42.6 x 27.9 cm. Plate: 41 x 26 cm. Color  
woodcut on ivory Japanese paper. Signed in wood “Copyright,  
1905, by Helen Hyde” and her signature as well as the numbers 13  
and 26320 in pencil in Artist’s hand. Minor damage at top corners,  
some discoloration towards bottom, otherwise good impression.  
\$ 3000.00



**NITCHIE, Mary Kay (b. 1960)**

[*Slight of Hand*]. [Portland], 1990. Sheet: 51.2 x 40.6 cm. Plate: 35.5 x  
27.8 cm. Linocut, Rives lightweight paper, signed in pencil, No. 2 of  
30. Impeccable impression. \$ 500.00

**FRIEDLAENDER, Johnny Gotthard (1912-1992)**

[*Femme Assise avec l'Enfant (Seated Woman with Child)*], 1955. Sheet: 31.7 x 25.6 cm. Plate: 15.5 x 11.5 cm. Two-color aquatint etching of mother and child on ivory wove paper. Signed in pencil by the artist, edition 300-5150-154, inscription by another hand, no water mark, central image in excellent condition. \$ 1250.00



**BEHAM, Hans Sebald (1500-1550)**

*The Penance of St. John Chrysostom*. Frankfurt, c. 1531-1549. Sheet: 8 x 5 cm. Plate: 5.4 x 7.8 cm. Eighth state (of 8). Lettered at upper left: 'S. IOHANNES CRISOSTOMUS ISB' and signed with Beham's monogram. A very crisp dark impression that has been trimmed to the platemark. \$ 2000.00



**ANONYMOUS**

“British divers from the corps of Royal Engineers, St. Mary’s Creed, Chatham.” Albumen print, 1862. One of the earliest surviving photographs of a diver in his full suit, with supporting personnel standing by. \$ 4500.00





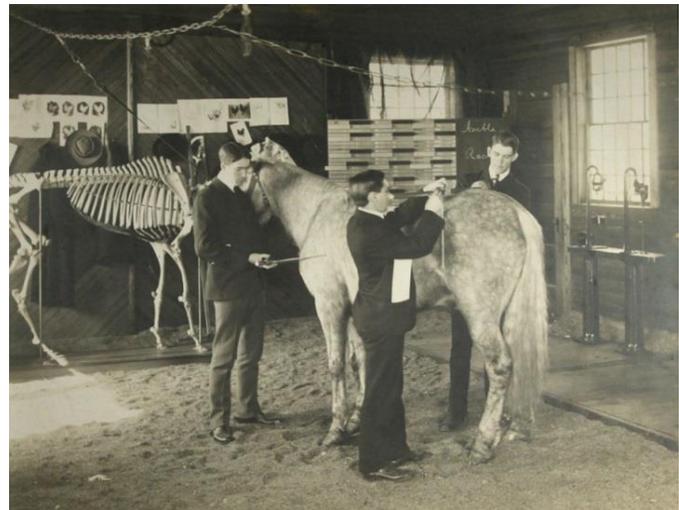
**ANONYMOUS**

“Primeras [?] del tubo “lanzas-bombas”...Capitan Pablo A...y oficiales...,” [n.d.]. Photograph (24.5 x 29.5 cm/) mounted on board (29.5 x 34.5 cm.). Inscription in upper left corner.

\$ 5500.00

**ANONYMOUS**

[Untitled, n.d.]. Veterinarians measuring a horse. 27 x 35 cm. \$ 1250.00



**ANONYMOUS**

[Untitled]. The Moon at 8 ½ days old, ca. 1903. From the Newton Astronomical Library, Newton Centre, Massachusetts, with small stamp below image dated 13 May 1949 (date of de-accession). Silver print (23.5 x 18.5 cm), mounted on blank card (30 x 25 cm) with contemporary manuscript in ink below image. \$ 2000.00

**A UNIQUE COLLECTION OF ORIGINAL PAPERS BY SOME OF THE MOST  
DISTINGUISHED SCIENTISTS OF THE NINETEENTH CENTURY  
WITH AN EMPHASIS ON RACIAL PURITY**

We are pleased to offer a most desirable collection of over 220 rare and valuable zoological offprints written by more than 150 prominent scientists. A few of the many subjects covered are heredity, genetics, eugenics (with an emphasis on racial purity), and embryology. Almost all of these articles were written by scientists preeminent in their fields, and include several Nobel laureates. Many of these articles are illustrated with superb text illustrations and exquisite plates, some in color; the majority have original printed wrappers. They are written in a variety of languages, including English, Swedish, German and French.

The collection comes from the Zoologiska Institutionens Bibliotek in Upsala, Sweden, with its stamp on most of the title pages/covers. A great many of them are from the libraries of distinguished scientists such as Alexander Goette, Wilhelm Lilljeborg and Axel Wirén, and have their stamp or ownership inscription. A complete list will be provided upon request.

Alexander Wilhelm von Götte (1840–1922) was an eminent German zoologist born in St. Petersburg. His main interest was invertebrate embryology, his major work (on the *Bombinator igneus*, a European aquatic toad) appearing in 1875. though sometimes presented as an opponent of Darwinism, Götte acknowledged the theory of descent, though he was highly skeptical of Darwin's acceptance of the inheritance of acquired characteristics; during the 1870s, he was involved in a famous dispute over Darwinism with eminent biologist Ernst Haeckel. Götte was a pioneer in the research of developmental physiology, which soon became its own field of study, and he became a major figure in zoology of the late 19-century.

Wilhelm Lilljeborg (1816–1908) was a noted Swedish zoologist and a professor at the University of Uppsala. He specialized in the study of the Swedish cladocera (water flea), and his particular contribution to research in that field was his work on the importance of cladocera in the food chain. He is also well-known for his work on whales, discovering a sub-fossil in 1861 which he named *Balaenoptera robusta* (Atlantic Gray Whale); this was later placed in a new genre of whales, *Eschrichtius*, by the British researcher John Gray.

Axel Wirén (1860–1925) was prominent Swedish zoologist, specializing in malacology (the study of molluscs). He received his PhD from the University of Uppsala in 1885, taking a professorship there in 1908; he was also a researcher at the Kristineberg Marine Research Station. He became a member of the Swedish Royal Academy of Sciences (KVA) in 1902, and was the founder of the prestigious Wirén scholarship. \$ 22,500.00

**ARCHIVE OF HOLMES / WENDELL FAMILY LETTERS**

An archive of thirty items, including twenty-nine autograph letters and notes, plus one O.W. Holmes Sr. offprint from the library of H.A. Kelly (see below) with his signature.

Includes five letters from O.H. Holmes Sr.'s grandfather, Judge Oliver Wendell; six from O.H. Holmes Sr.'s father, Abiel Holmes; letters from his siblings John, Ann (and including letters from Ann's husband Charles Wentworth Upham), and Mary Jackson Holmes Parson; two from his wife Amelia; and letters from his son O.H. Holmes Jr. Also included is the signature of his great-grandfather Col. Jacob Wendell.

The letters, for the most part, recount social and family functions, holidays, births and deaths, health of family members, journeys, and the simple thoughts that go into correspondence between intimate family members. The archive reflects a close, thoughtful and representative view of the Holmes family throughout the nineteenth century. \$ 14,500.00

A complete list of either archive will be provided upon request.