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A SELECTION OF BOOKS EXHIBITED
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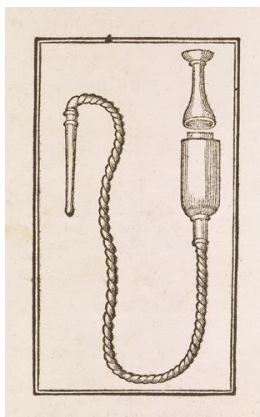
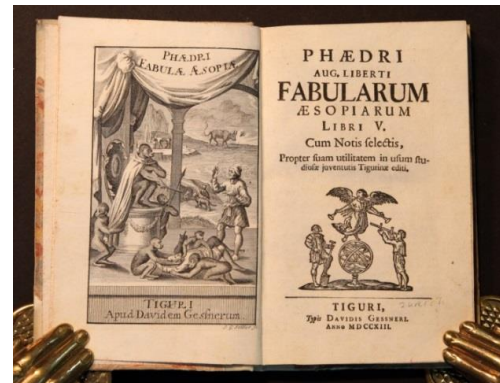
BOOTH A13

Science, Medicine, & Natural History
Fireworks Books

SPECIAL SECTION ON TRAVEL & EXPLORATION

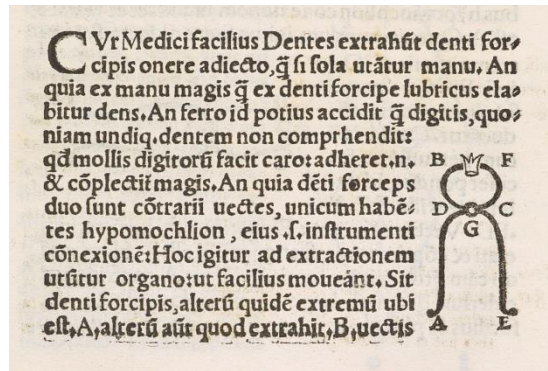
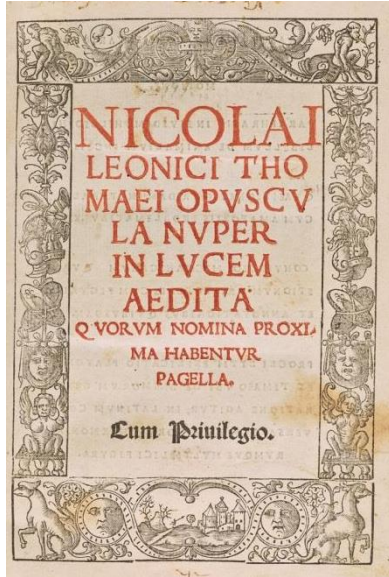
WITH FOOTNOTES IN LATIN, GERMAN AND GREEK

1. **PHAEDRUS [AESOP]**. *Fabularum Aesopiarum, libri v. Cum notis selectis*. Tiguri [Zurich]: David Gessner, 1713. 8vo. With an engraved title and charming frontispiece. An excellent copy bound in half-vellum over marbled boards. First edition of this collection of Aesop's Fables published "for the young people of Zurich." \$ 350.00



RESUSCITATION OF THE DROWNED OR SUFFOCATED

2. **[ANONYMOUS]**. *Methodo facil de curar la asfixia, ò muerte aparente de los ahogados; sacado de las excelentes obras de Mons. Tisot, Cathedratico de Medicina de la sociedad de Londres, y Mons. Louis, de la Academia de Cirugia de Paris*. [n.p.: n.p., ca. 1770]. 4to. Modern calf-backed boards. First and only (?) edition of this rare Spanish memoir dedicated to resuscitating people that have drowned or suffocated. The anonymous author gives a description of the relief applied successfully in Holland and France, pioneering countries in this field, with a full-page woodcut depicting the tobacco smoke resuscitation device. This treatise is extremely rare; we could not locate a single copy in any public collection. \$ 2500.00

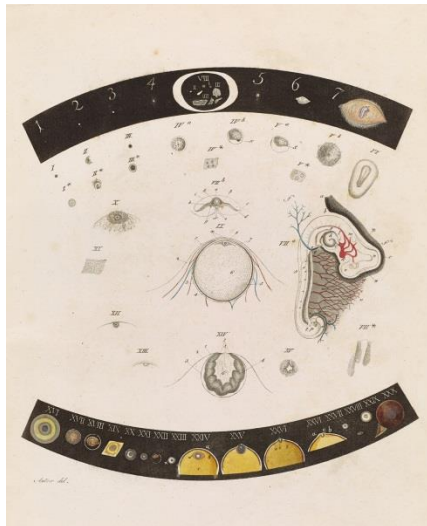


FIRST ILLUSTRATION OF AN EXTRACTED TOOTH

3. [ARISTOTLE]. LEONICO TOMEO, Niccoló. *Opuscula nuper in lucem aedita quorum nomina proxima habentur pagella*. [Venice: Bernardinus Vitalis, February, 1525]. 4to. Historiated initials and numerous woodcut text diagrams. Eighteenth-century vellum, ties; interior with wide margins. First edition of this celebrated work on the physiology, biology, natural history and embryology of Aristotle. Of major significance is one of the earliest printed commentaries on Plato's *Timaeus*, a mythical theory of the universe of phenomena-physiology, nutrition, respiration, disease, and locomotion. This work probably contains the first commentary on dentistry, together with two illustrations of dental forceps holding an extracted tooth. \$ 8500.00

ATTACK ON THE ROYAL SOCIETY

4. BABBAGE, Charles. *Reflections on the decline of science in England, and on some of its causes*. London: B. Fellowes, 1830. 8vo. First edition of this polemic. Babbage, a founding member of the Analytical Society, in a political rant decimates the president of the disorganized Royal Society for his power, the Society's pandering to the nobility, and the system of management by which the Royal Society is governed. \$ 1250.00



CLASSIC OF EMBRYOLOGY

5. BAER, Karl Ernst von. *De ovi mammalium et hominis genesi epistolam ad Academiam Imperialem Scientiarum Petropolitanam*. Leipzig: Leopold Voss, 1827. 4to. Contemporary half calf over marbled boards. First edition of Baer's famous discovery of the mammalian ovum. PMM, 288. \$ 38,000.00

ROCK STAR OF THE ITALIAN CLERGY

6. **BERNARDINUS SENENSIS.** *Sermones de evangelio aeterno.* [Baesl: Johann Amerbach, not after 1489]. Folio. Initials rubricated in red, including some large 3-4 line initials, hand-colored illustration of St. Bernardinus. 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. First edition. Bernardinus of Siena (1380-1444), missionary and reformer, was certainly the foremost Italian missionary of the fifteenth century. It is said that he attracted crowds of upwards of 30,000 to listen to his sermons. He preached morality and reforms of sins, especially of leaders, as well as peace. \$ 24,000.00



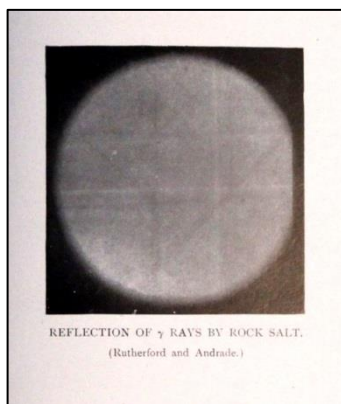
THE RARE FIRST EDITION IN ENGLISH

7. **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, a mystical interpretation of Genesis. Now quite rare, this book became highly influential on generations of mystics, especially of the English school, where societies of Behmenites were formed. \$ 8500.00

BOHR'S SIDE OF HIS FAMOUS DISPUTE WITH EINSTEIN

8. **BOHR, Niels.** "Discussion with Einstein on epistemological problems in atomic physics." Offprint from *The Library of Living Philosophers. Albert Einstein: Philosopher-Scientist*, Vol. VII. [Chicago: Northwestern University], 1949. 8vo. Original printed wrappers. First edition, the original offprint of Bohr's article detailing his series of public disputes with Einstein about quantum mechanics. Also included is a separate offprint, as follows: **BOHR, Niels.** "On the notions of causality and complementarity." Offprint from *Science*, Vol. 111, No. 2873, January 20, 1950. \$ 1250.00

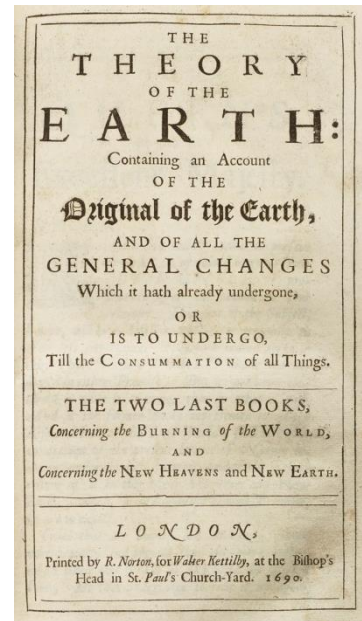
X-RAY CRYSTALLOGRAPHY



9. **BRAGG, William Henry & BRAGG, William Lawrence.** *X rays and crystal structure.* London: G. Bell & Sons, 1915. 8vo. Original publisher's blue cloth; with "PRESENTATION COPY" blind-stamped onto title. From the library of Arnold Thackray with his bookplate on the paste-down, and another bookplate laid in noting that this book was 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." PMM, 406. \$ 1950.00

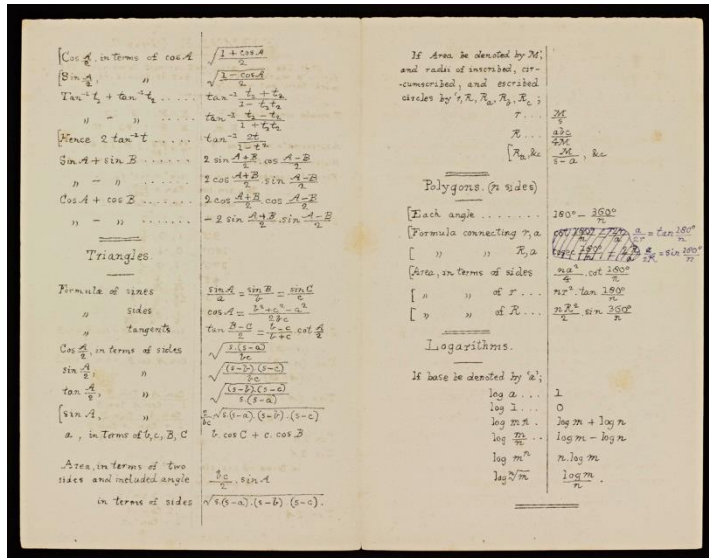
FORMATION OF THE EARTH

10. [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: Printed by R. Norton, for Walter Kettilby, 1690-91. Four works in one. Folio. 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 pamphlet *Geologia* (1690) condemning Burnet's theories. \$ 2500.00



FEDERAL PATRONAGE FOR THE SCIENCES

11. BUSH, Vannevar. *Science. The endless frontier. A report to the President.* Washington: U.S. Government Printing Office, 1945. 8vo. Original printed wrappers. First edition of this momentous report. Bush was a professor and head of engineering at MIT, and for many years president of the Carnegie Institute. He is considered the inspiration for the creation of the World Wide Web. \$ 350.00



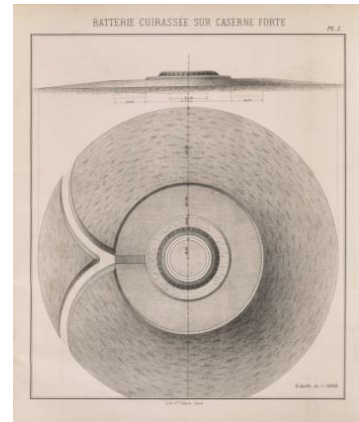
WITH DODGSON'S MANUSCRIPT CORRECTIONS

12. CARROLL, Lewis [DODGSON, Charles Lutwidge]. Four mathematical pamphlets offered together: **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. Eighteen 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 responsions.** [Oxford: University Press, 1870]. Bifolium. **4. Arithmetic. I.** [Oxford: University Press, c.1870]. Bifolium. First edition. Templates \$ 24,000.00

for 33 examination problems divided into 5 sections: integral and concrete numbers, vulgar and decimal fractions, rule of three.

NOTABLE IMPROVEMENTS IN WEAPONRY

13. CAVALLI, Jean. “Aperçu sur les canon rayés se chargeant par la bouche et par la culasse et sur les perfectionnements a apporter a l’art de la guerre en 1861.” From *Mémoires de l’académie des sciences de Turin*, Série II, Tome XXII. Turin: Imprimerie Royale, 1862. 4to. With 4 folding plates. First edition of this rare work in French published by the Academy of Sciences in Turin, on new technology in military armaments. The author provides an overview of the refinements proposed to barrel rifle and muzzle-loading and breech canons. He details the changes that the military is making to their weapons, including both the guns as well as the ammunition. \$ 400.00



PREDICTING THE RESULTS OF GLOBAL WARMING

14. CHAMBERS, Robert. *Ancient sea-margins, as memorials of changes in the relative level of sea and land.* Edinburgh & London: W. & R. Chambers, W. S. Orr & Co., 1848. 8vo. Large hand-colored folding map. Original publisher’s cloth. First edition of this very important geological treatise by Chambers, Scottish biologist, geologist, and with his brother, a successful publisher. This, his only work completely devoted to geology, deals with land elevation, glacial action and erosion phenomena. \$ 450.00

THREE VALUABLE CONTRIBUTIONS TO EARLY MEDICINE

15. COLOMBO, Realdo. *De re anatomica libri XV.* Paris: Wechel, 1562. 8vo. Contemporary signature on title dated 1640. Second edition. It is here that Colombo defines his discovery of the pulmonary or lesser circulation, i.e., the passage of blood from the right cardiac ventricle to the left via the lungs. He describes the duplicatures of the peritoneum, the ventricles of the larynx, and the mode of action of the pulmonary, cardiac, and aortic valves, clearing up a number of errors of his predecessors. **[bound with] RONDELET, G[uillaume].** *De ponderibus sive de iusta quantitate & proportione medicamentorum liber.* Lyon: Bonhomme, 1560. First edition and extremely rare (1 copy known) treatise on diseases and their cures. **[bound with] LOMNIUS, J[odocus].** *Medicinalium observationum libri tres.* Antwerp: Plantin, 1560. First edition. This valuable contribution to the practice of medicine and therapeutics by Lomnius was in great demand through the eighteenth century. \$ 7500.00

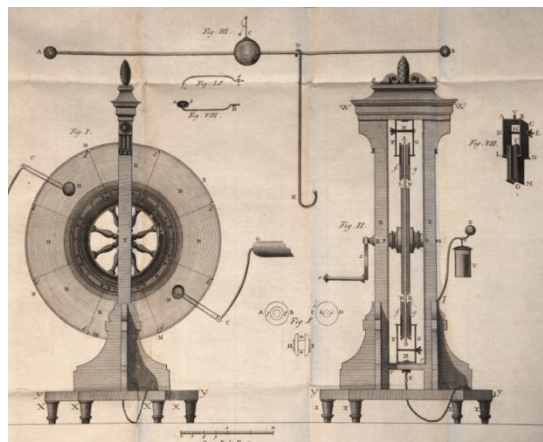


SECOND EDITION OF COPERNICUS’ DE REVOLUTIONIBUS THE FIRST WITH RHETICUS’ NARRATIO PRIMA

16. COPERNICUS, Nicolaus. *De revolutionibus orbium coelestium, libri VI . . . Narratio prima, per M. Georgium Ioachimum 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

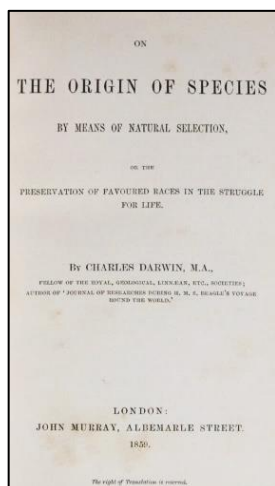
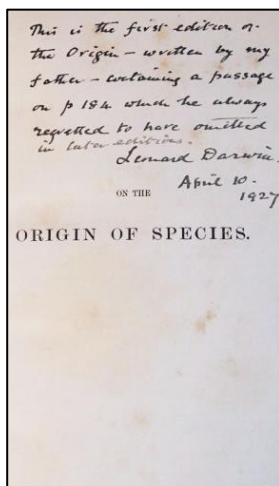
IMPROVEMENTS IN THE DELIVERY OF ELECTRICITY

17. DAL NEGRO, Salvatore. *Nuovo metodo di costruire macchine elettriche di grandezza illimitate e nuovi sperimenti diretti a rettificare l'apparato elettrico.* Venice: Pietro Zerletti, 1799. 8vo. Contemporary wrappers; wide margins, uncut. First edition of this scarce treatise describing the author's electrostatic machine, and some of the experiments he conducted with it. The folding plate illustrates the machine, which accompanies the instructions on how to build it. \$ 1200.00



HIS MOST IMPORTANT GEOLOGICAL WORK

18. DARWIN, Charles. *The structure and distribution of coral reefs. Being the first part of the geology of the voyage of the Beagle.* London: Smith, Elder and Co., 1842. 8vo. With 3 folding engraved maps. Recent cloth. First edition of Darwin's observations of reefs and atolls during the voyage of the Beagle. This first volume of the three parts of Darwin's *Geology* contains his theory of the formation of coral reefs. \$ 12,500.00

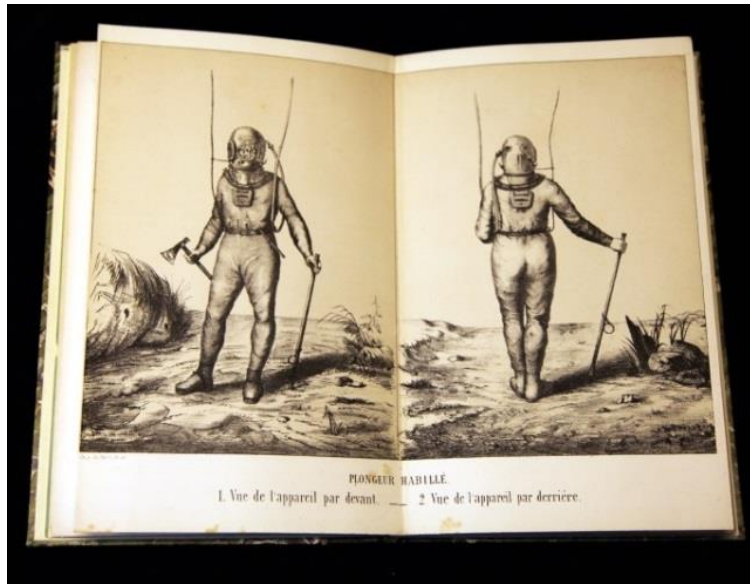


ASSOCIATION COPY WITH LETTERS AND UNRECORDED OFFPRINT

19. 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 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." \$ 135,000.00

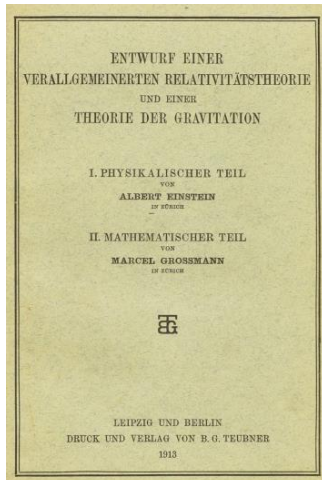
THE TRUE FIRST EDITION

20. [DE MORGAN, Augustus]. *On probability. Published under the superintendence of the Society for the Diffusion of Useful Knowledge.* London: Baldwin and Cradock, [1830]. 8vo. Binding appears to be the original publisher's blind-stamped cloth. A complete copy in superb condition. First edition, printed as part of the Library of Useful Knowledge. De Morgan's work on probability is best known for creating the foundation upon which actuarial calculations of life insurance policy risks were built. What is less known is that this is the true first edition of his treatise on probability; the better known *Essay on probabilities* (1838) was a re-issue of this work by a different publisher. \$ 750.00



INTO THE ABYSS: EARLY UNDERWATER TECHNOLOGY

21. **DU TEMPLE, M.L.** *Du scaphandre et de son emploi a bord des navires.* Paris: Arthus Bertrand [1861]. 8vo. With 1 double page plate 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. The work featured here focuses on a very specific type of diving suit patented by Joseph-Martin Cabirol. Though far from safe by modern standards, the Cabriol diving suit did represent a leap forward with certain safety features. \$ 3500.00



EPIC WORKS IN MODERN PHYSICS

22. **EINSTEIN, Albert.** 1. *Entwurf einer verallgemeinerten Relativitätstheorie und einer Theorie der Gravitation. I. Physikalischer Teil.* Leipzig: B.G. Teubner, 1913. 2. --- & **GROSSMAN, Marcel.** "Kovarianzeigenschaften der Feldgleichungen der auf die verallgemeinerte Relativitätstheorie gegründeten Gravitationstheorie." From *Zeitschrift für Mathematik und Physik*, Volume 63, No. 1-2. Leipzig: Teubner, 29 May 1914. 3.--- *Die Grundlage der allgemeinen Relativitätstheorie.* Leipzig: J.A. Barth, June, 1916. 4. --- *Über die spezielle und die allgemeine Relativitätstheorie.* Braunschweig: Friedr. Vieweg & Sohn, 1917. 5. **LORENTZ, H[endrik] A[ntoon].** *Das Relativitätstheorie Drei Vorlesungen gehalten in Teylers Stiftung zu Haarlem.* Leipzig und Berlin: B.G. Teubner, 1914. 6. **MINKOWSKI, Hermann.** *Raum und Zeit. Vortrag, gehalten auf der 80. Naturforscher-Versammlung zu Köln am 21 September 1908.* Leipzig und Berlin: B.G. Teubner, 1909. Six works bound together. 8vo. Five with their original printed front wrappers. Numerous annotations in pen and pencil. Ownership inscription of L[ouis] Kollros, Swiss mathematician, geometer, and biographer of Jakob Steiner. First editions of Nos. 1, 2, 3, 5 and 6, second edition of No. 4. This collection of original offprints contains Einstein's most significant contributions to the theoretical basis for the release of atomic energy, and on general relativity. Lorentz's *Relativitätstheorie* is one of the earliest expositions on Einstein's theory of relativity, and led to a major breakthrough in nuclear fission. Minkowski's epoch-making paper, *Raum und Zeit*, is the mathematical foundation of the theory of relativity, and the first promulgation of the concept of space-time and the four dimensional space-time continuum. \$ 15,000.00

BROWNIAN MOTION

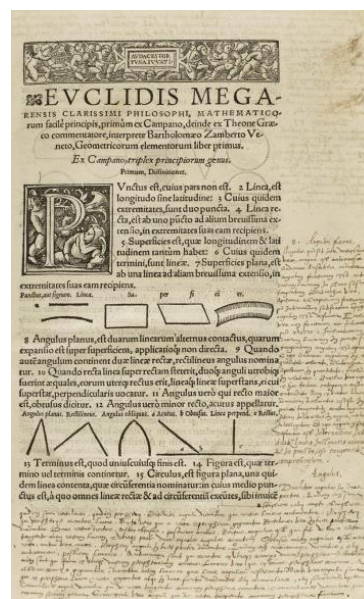
23. **EINSTEIN, Albert.** *Investigations on the theory of the Brownian movement.* London: Methuen & Co., [1926]. 8vo. Publisher's cloth. First edition in English of six of Einstein's works regarding Brownian motion (Weil 7a, 8, 11, 20, 25 and 41). Einstein's original papers support his prediction that random motions of molecules in a liquid impacting on larger suspended particles would result in irregular, random motions of the particles. \$ 350.00

HYPNOSIS IN SURGERY

24. **ELLIOTSON, John.** *Numerous cases of surgical operations without pain in the Mesmeric state; with remarks upon the opposition of many members of the Royal Medical and chirurgical Society and others to the reception of the inestimable blessings of Mesmerism.* London: H. Baillière, 1843. 8vo. Contemporary half-calf over marbled boards. First edition. Elliotson was one of the first in England to perform surgical operations with the aid of hypnotism. In this, his first work on the use of hypnosis in surgery, he discusses many of his own successful cases, as well as commenting on accounts of others. \$ 1800.00

A FINE COPY OF THE BASEL EUCLID

25. **EUCLID.** *Euclidis megarensis mathematici clarissimi elementorum geometricorum libri XV. Cum expositione Theonis in priores XIII a Bartholomaeo Veneto Latinitate donata, campani in omnes, & hysiclis Alexandrini in duos postremos. . . .* Basle: Johann Herwagen, 1546. Folio. Contemporary vellum. A large, wide-margined copy with contemporary annotations. According to Zeitlinger, it is "the first complete edition of Euclid's works." \$ 15,000.00



EULER'S FIRST PUBLICATION

26. **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 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

ETIOLOGY AND TREATMENT OF TUMORS

27. **FALLOPIUS, G[abriele].** *Libelli duo alter de ulceribus.* Venice: Donato Bertelli, 1563. 4to. Fine historiated initials. Later vellum; an excellent copy with contemporary annotations. First edition of Fallopius' rare treatise on ulcers and tumors. \$ 9500.00

ATTEMPT AT YOUR OWN RISK

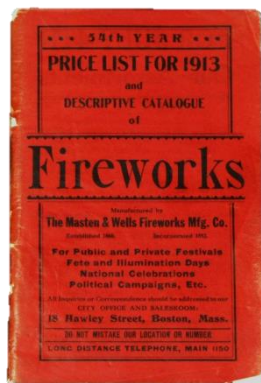
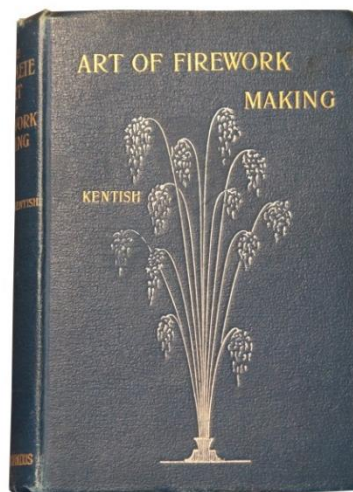
28. **[FIREWORKS]. [BADCOCK, John].** *Philosophical recreations, or winter amusements: a collection of entertaining & surprising experiments in mechanics, arithmetic, optics, hydrostatics, hydraulics, pneumatics, electricity, chemistry, magnetism, & pyrotechny, or art of making fire works, together with the wonders of the air pump, magic lanthorn, camera obscura, &c. &c. &c. and a variety of tricks with cards. The whole simplified and clearly elucidated so as to suit every capacity.* London: Printed for Thomas Hughes, [ca. 1820]. 12mo. Lacking the frontispiece that is sometimes found in this book. Original publisher's printed boards. Possibly the first edition, although the actual date is unknown; all later editions have a different collation. The title speaks for itself – this charming little book is packed with 301 simple experiments and tricks to keep one's mind and fingers active. A very creative recipe for constructing home-made fireworks, for example. Many of the instructions are downright dangerous by today's standards. The "artificial earthquake" tells readers to connect wires to a battery and then place them on the surface of a water basin in order to induce an explosion!
\$ 600.00

MECHANICS OF FIREWORKS

29. **[FIREWORKS]. JONES, Robert.** *Artificial fire-works, improved to the modern practice, from the minutest to the highest branches. . . .* London: Printed for J. Millan, near Whitehall, 1766. 8vo. Manuscript notations on the fly-leaves and 2 additional leaves inserted, which appear to be lists of chemicals and other materials needed to make fireworks. With 8 numbered folding plates. Half-calf and marbled boards. Second edition. Many books about the mechanics of pyrotechnic displays appeared during this time, but Jones's work "is the first book dealing exclusively with recreational fireworks in English since Babington's classic work of 1635" (Philip, 78).
\$ 1250.00

THE DEFINITIVE GUIDE TO MAKING YOUR OWN FIREWORKS

30. **[FIREWORKS]. KENTISH, Thomas.** *The pyrotechnist's treasury. The complete art of firework-making.* London: Chatto & Windus, 1905. 8vo. With frontispiece and 24 numbered plates. Original publisher's cloth with firework design stamped on front cover. Fourth edition. "Despite having first been printed over one hundred years ago this remains one of the greatest classic how-to-do pyrotechnic books that has ever been written" (Philip, 80).
\$ 650.00



LET THERE BE FIREWORKS

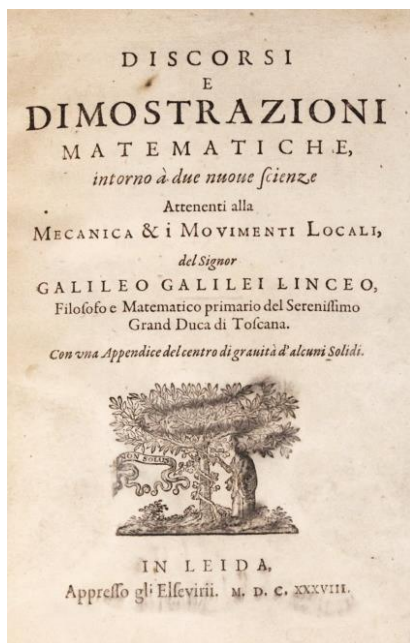
31. **[FIREWORKS]. MASTEN & WELLS FIREWORKS MFG. CO.** *Catalogue and price list of fireworks, flags, balloons, lanterns, Fourth of July goods, etc. for 1913.* Boston: Masten & Wells Fireworks Mfg. Co., 1913. 16mo. Text illustrations of fireworks throughout. Original red wrappers. Delightful early twentieth-century catalogue with descriptions and images of fireworks for sale, including prices.
\$ 400.00

INVENTION OF FIREWORKS?

32. [FIREWORKS]. MAYERS, Wm. Frederick. “On the introduction and use of gunpowder and firearms among the Chinese. With notes on some ancient engines of warfare, and illustrations.” Offprint from the *Journal of the North China Branch of the Royal Asiatic Society*, New Series, No. VI, 1869 and 1870. Shanghai: [n.p.], 1872. 8vo. With 9 text illustrations. Original printed front wrapper. First edition. The author questions the generally accepted notion of gunpowder being of Chinese origin, based upon careful scrutiny of literature dealing with the introduction of explosive and projectile compounds in Chinese warfare and ordinary life. \$ 550.00

DESCRIPTION AND CURE OF ASTHMA

33. FLOYER, John. *A treatise of the asthma*. London: Richard Wilkin, 1698. 8vo. Contemporary calf. First edition of the first clear description of bronchial asthma. It is the first major monograph on the subject in English. \$ 5500.00



FIRST LAWS OF MOTION

34. GALILEI, Galileo. *Discorsi e dimostrazioni matematiche, intorno à due nuove scienze attenenti alla meccanica & I movimenti locali*. Leiden: Elsevir, 1638. 4to. Woodcut illustrations and diagrams throughout. Early, possibly contemporary, soft boards; title page with paper repair. An excellent copy, uncut. First edition of Galileo's epic contribution to mechanics and the first textbook of modern physics. Dibner, 141; Horblit, 36; *Printing & the Mind of Man*, 130. \$ 90,000.00

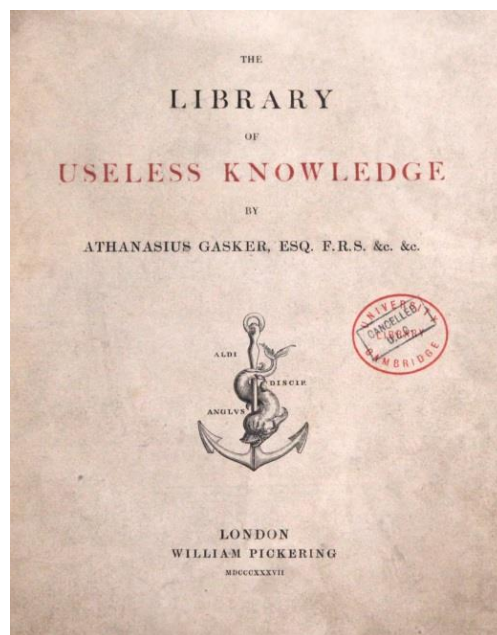
CONCEPT OF MAN AS “VEGETATING” AND “SENTIENT”

35. GALLINI, Stefano. *Saggio d'osservazioni concernenti li nuovi progressi della fisica del corpo umano*. Padova: Nella Stamperia Penada, 1792. 8vo. Woodcut printer's device on verso of final leaf. Modern wrappers, spine label; uncut and unopened. First edition of this important study of physiology during the transition period between the eighteenth and nineteenth centuries. The author conceived the body as an entity intimately connected with the surrounding physical world to be studied with strict and accurate scientific instruments. He argued that to understand the nature of the body's vital functions, one must examine the activity of the whole body and not just analyze the functions of individual organs. \$ 2500.00

A RARE AND ABSTRUSE SATIRICAL WORK

36. GASKER, Athanasius [pseud. of Rev. Edward William Clarke]. *The library of useless knowledge*. London: William Pickering, 1837. 4to. Contemporary green cloth (**offered with**) Prospectus for *The library of useless knowledge*. [n.p.: n.p., before 1837]. Single 4to. leaf, printed on both sides. First and only edition. The full title pokes fun at a well-known series called *The library of useful knowledge*, promoted by the Society for the Diffusion of Useful Knowledge (active 1826-1846). Composed primarily of wealthy, reform-minded gentlemen, the SDUK sought to make esoteric science and math related subject matter accessible to the middle and working classes through cheaply printed (and therefore affordable) material. Clarke's work certainly contains political undercurrents; however, the tone remains light, being first and foremost a work of humor, at times bordering on absurdity.

\$ 2500.00



CHIEF WORK ON CELESTIAL MECHANICS

37. GAUSS, Carl Friedrich. *Theoria motus corporum coelestium in sectionibus conicis solem ambientium*. Hamburg: Perthes & Besser, 1809. 4to. First edition, a classic of astronomy and mathematics. Gauss introduces 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.

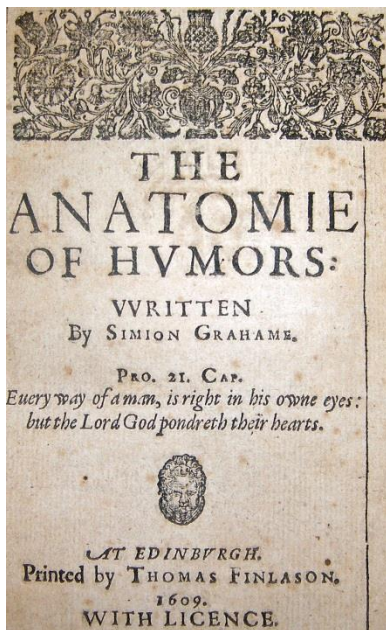
\$ 5500.00



ORIGINAL OFFPRINT OF GÖDEL'S PROOF

38. 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 wrapper 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

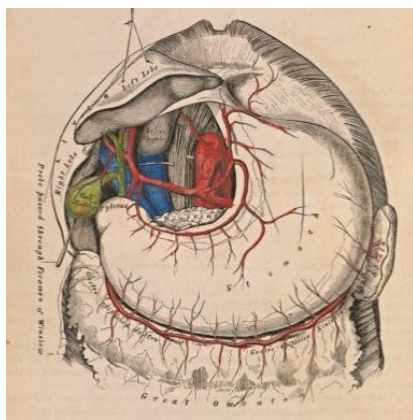
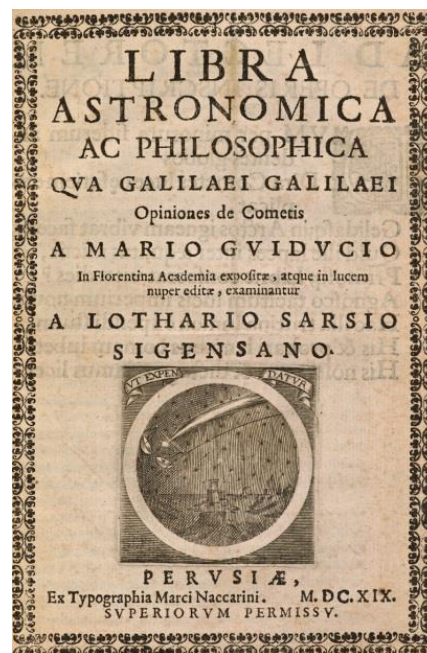


THE PRECURSOR TO BURTON'S ANATOMY OF MELANCHOLY

39. **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, exceedingly rare. 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

40. **[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. 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



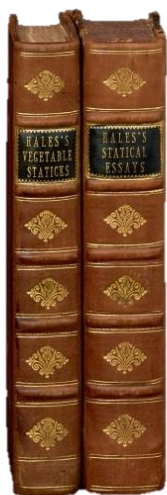
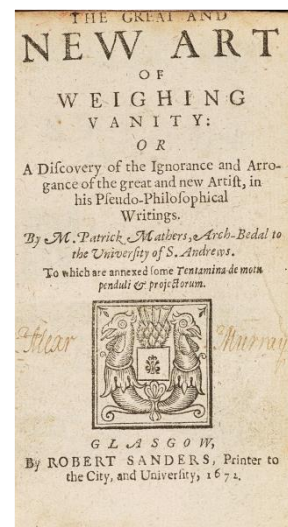
THE BEST-KNOWN MEDICAL BOOK IN THE ENGLISH LANGUAGE

41. **GRAY, Henry.** *Anatomy descriptive and surgical.* London: John W. Parker, 1858. 8vo. With half-title and 363 text illustrations. Contemporary half-calf and marbled boards. First edition. \$ 7500.00

42. GREENOUGH, George B. *A critical examination of the first principles of geology; in a series of lectures.* London: Longman, Hurst, Rees, Orme, and Brown, 1819. 8vo. Modern calf and marbled boards. First edition of Greenough's series of essays critical of the plutonists. It was later translated into German, French and Italian. \$ 550.00

BRIDGING GALILEO'S DISCORSI AND NEWTON'S PRINCIPIA

43. [GREGORY, James]. *The great and new art of weighing vanity: or a discovery of the ignorance and arrogance of the great and new artist, in his pseudo-philosophical writings . . . To which are annexed some Tentamina de motu penduli & projectorum.* Glasgow: Robert Sanders, 1672. 8vo. Contemporary calf. First edition of an extremely rare contribution to dynamics. The first part contains an attack on George Sinclair's *Hydrostaticks*, in which Gregory proved Huygens' theorems relating atmospheric height logarithmically to barometric pressure. It is the second part, the *Tentamina*, that is of great historical importance. Newton had objected to Huygens' Galilean generalization that the square of the instantaneous speed of a body falling freely under simple gravity in a smooth curve is proportional to the vertical distance fallen. But it was Gregory who independently deduced the elliptical integral expressing the time of vibration in a circular pendulum and gave its infinite-series expansion for a small arc of swing. \$ 12,000.00



FAMOUS WORKS ON PLANT AND ANIMAL PHYSIOLOGY

44. 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.* London: W. and J. Innys, 1727. (**Offered with**) *Statical essays: Containing haemastaticks, or, an account of some hydraulick and hydrostatical experiments made on the blood and blood vessels of animals. Also an account of some experiments on stones in the kidneys and bladder.* London: W. Innys and R. Manby, 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, while the second details Hales' pioneering invention of the manometer, with which he was the first to measure blood pressure. Dibner, 26; Horblit, 45a; PMM, 189a. \$ 8500.00

45. HARVEY, William. *Exercitationes de generatione animalium.* Amsterdam: Elzevir, 1651. 12mo. With the added engraved title carrying the London imprint intended for the English trade, and the Elzvir device on the second title. Contemporary vellum with overlapping edges; a handsome copy preserved in a morocco-backed clamshell box. First issue of the second edition, published the same year as the first (London) edition. Harvey's fundamental work on embryology and endocrinology was the most important book on the subject to appear during the seventeenth century. \$ 2500.00

SHOCKING ILLUSTRATIONS

46. **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. 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



RARE WORK ON TULIPS

47. **[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.

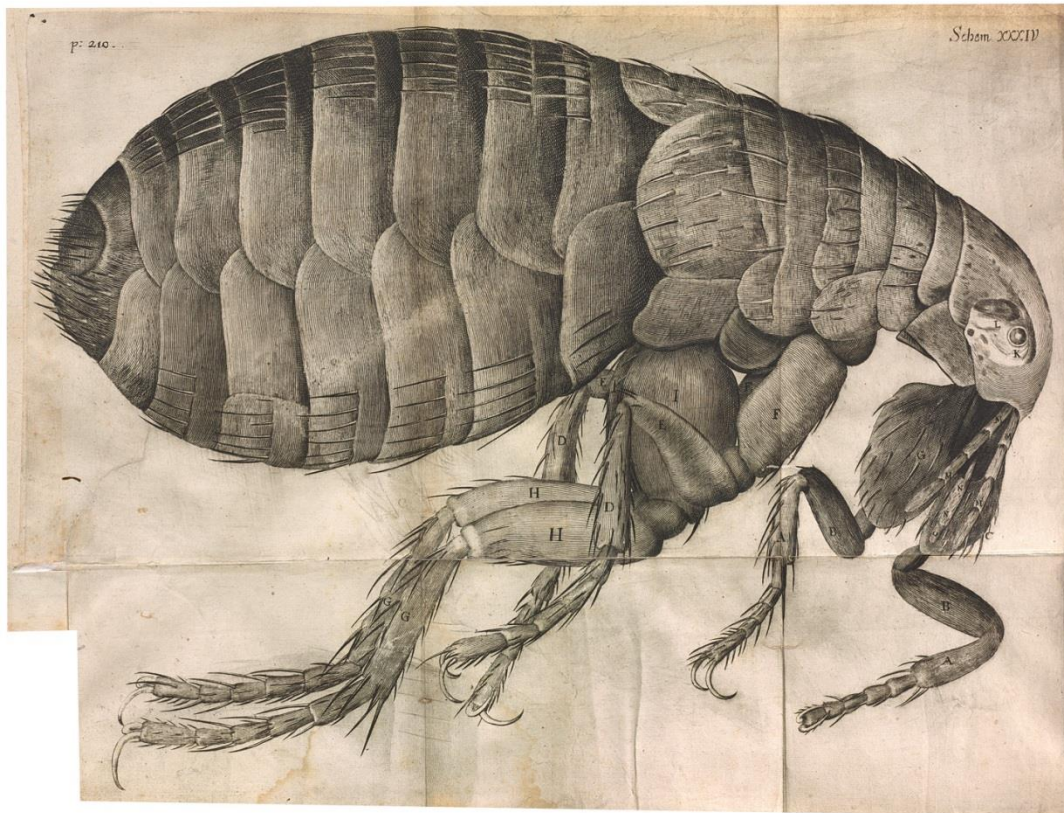
\$ 4500.00

48. **HOLMES, Oliver Wendell.** *Currents and counter-currents in medical science. An address delivered before the Massachusetts Medical Society, at the annual meeting, May 30, 1860.* Boston: Ticknor and Fields, 1860. 8vo. Original printed wrappers. First edition, with the manuscript correction at page 22, found in copies of the first and second editions, presumed to be in Holmes’ hand.

\$ 450.00

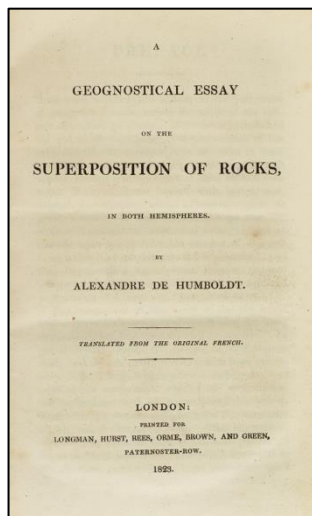
49. **HOLMES, Oliver Wendell.** *Dr. Holmes’s introductory lecture, delivered before the medical class of Harvard University, November 3, 1847.* Boston: William D. Ticknor & Company, 1848. 8vo. Original printed wrappers. Inscribed from Holmes to J.A. Lowell. First edition. Without the advertisements on back wrapper, as is often the case in presentation copies.

\$ 2500.00



CELEBRATED WORK IN THE HISTORY OF SCIENCE

50. HOOKE, Robert. *Micrographia: or some physiological descriptions of minute bodies made by magnifying glasses, with observations and inquiries thereupon.* London: Jo. Martyn, 1667. Folio. With 38 folding plates. Half-calf over contemporary boards. First edition, second issue, the same as the first except that the licence-leaf and the title page were both reset, and plate 5 was re-engraved in reverse. This was the first book printed in English on the microscope, and is of great value for the history of chemistry, physics, biology and astronomy. It contains the invention of the compound microscope and of the wheel barometer, an explanation of the twinkling of the stars, important investigations on the refraction of light, a theory of heat and the real nature of combustion. \$ 45,000.00

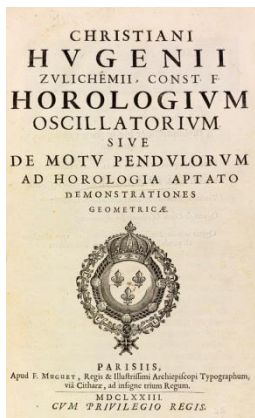
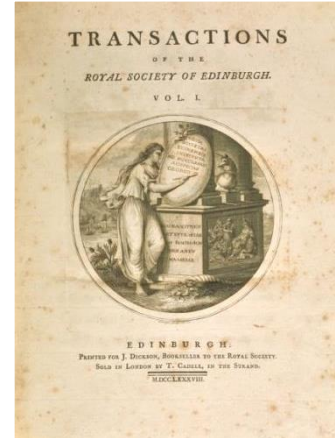


HUMBOLDT'S MOST SIGNIFICANT WORK IN GEOLOGY

51. 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. Humboldt treats the superposition of rocks, and introduces the names "Jurassique" and "Jura formation." \$ 850.00

FIRST APPEARANCE

52. HUTTON, James. “Theory of the Earth; or an investigation of the laws observable in the composition, dissolution, and restoration of land upon the globe.” In *Transactions of the Royal Society of Edinburgh*, Vol. I, pp. 209-304. Edinburgh: Printed for J. Dickson, 1788. 4to. Original boards; a fine copy, uncut. First edition of the first publication of Hutton’s epoch-making paper setting forth his revolutionary theory of uniformitarianism. The formation of the surface of the earth is one continuous process which can be studied entirely from terrestrial materials without cosmological or supernatural intervention . . . Another important feature of Hutton’s system is his discussion of the erosion of land-surfaces due to the atmospheric, chemical and mechanical action of water. . . .” (PMM, 247). \$ 8500.00

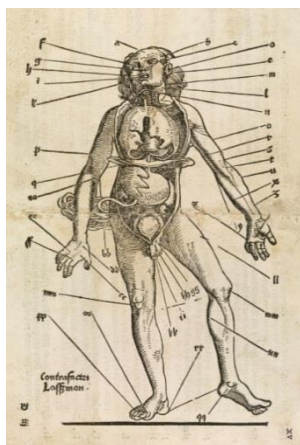


DEVELOPMENT OF THE PENDULUM CLOCK

53. HUYGENS, Christian. *Horologium oscillatorium sive de motu pendulorum ad horologia aptato demonstrationes geometricae.* Paris, 1673. Folio. Full calf. Original fly-leaf with contemporary annotations, plus a few annotations throughout text. An excellent copy. First edition. This work contains a description of the pendulum clock that Huygens invented in 1656, probably the greatest advancement to physics. “A work of the highest genius which has influenced every science through its mastery of the principles of dynamics. It is second in scientific importance perhaps only to Newton’s *Principia*” (Singer). \$ 35,000.00

REFRACTION AND REFLECTION OF LIGHT FINALLY EXPLAINED

54. H[UYGENS], C[hristiaan]. *Traité de la lumière.* Leiden: P. van der Aa, 1690. 4to. Full vellum. First edition, first state with author’s initials on title. A landmark in the development of understanding the true nature of light. \$ 30,000.00

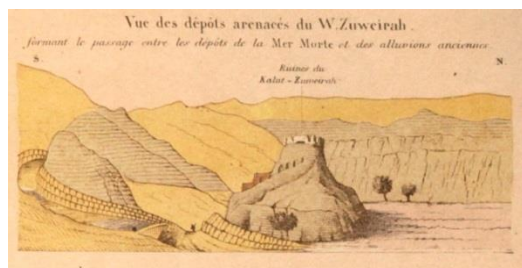


EARLY ANATOMICAL WOODCUTS

55. KETHAM, Joannes de. *Wundartzney zu allen Gebrechen des gantzen Leibs.* Frankfurt am Mayn: Herman Gülfferichen, 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

EARLIEST EXAMPLE OF “NATURE-PRINT”

56. KNIPHOF, Jonannis Hieronymi. *Botanica in originali pharmaceutica das ist: Lebendig officinal-kräuter-buch.* Erfurt: In Verlag Joh. Mich. Funckens/Buchhaendl. und Universitaets-Buchdrucker, 1733. Folio. With 200 magnificently illustrated nature-prints in fine contemporary coloring. Contemporary vellum. First edition of this profusely illustrated work on medicinal plants. The book is also of great interest for offering one of the first known examples of the *naturselfstdruck*, or the ‘nature-print’ technique used for scientific proof, a process by which a flat press and printer’s ink capture the image of plant specimens. Rare; eighteenth century specimens such as contained in this work were made in small editions due to the tenuous nature of the plants used for the printing process and the time consuming process of production. \$ 45,000.00



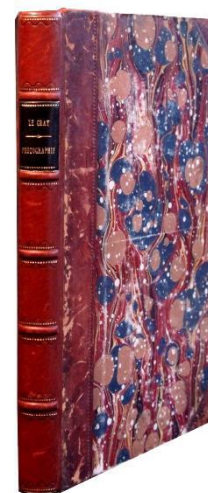
DISCOVERING EVIDENCE OF PRE-HISTORY IN BIBLICAL LANDS

57. 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. Though much of the volume covers geology and animal fossils, a notable chapter is devoted to human pre-history in Syria and Palestine. Lartet treats the subject with caution, being well aware of the Biblical significance inextricably linked to the area and the potential risk of ruffling more than a few feathers with his observations. Lartet discovered the first Cro-Magnon skeletons not ten years prior to this publication. \$ 12,000.00



THE MOST IMPORTANT PHOTOGRAPHER OF THE 19TH CENTURY

58. 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, bound with the greatly expanded second edition and a substantial catalogue of cameras and photographic equipment. \$ 15,000.00





DISCOVERY OF THE PLANET NEPTUNE
59. LE VERRIER, Urbain Jean Joseph. “Sur la planète qui produit les anomalies observées dans le mouvement d’Uranus – Détermination de sa masse, de son orbite et de sa position actuelle.” Offprint from *Comptes Rendus*; plus 8 additional offprints. Paris: Bachelier, 1846. All 9 in the 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

HIS LECTURE AT CAMBRIDGE

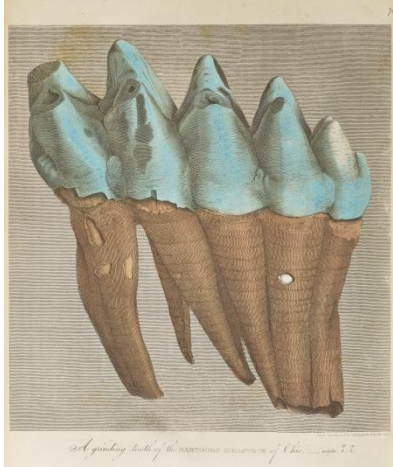
60. LORENTZ, H.A. *Clerk Maxwell’s electromagnetic theory. The Rede Lecture for 1923.* Cambridge: At the University Press, 1923. 8vo. Original printed heavy wrappers. First edition of Lorentz’ lecture on the electromagnetic theory of James Clerk Maxwell. \$ 150.00

POINTS FOR CREATIVITY: A NEW THEORY OF THE CELESTIAL BODIES

61. MACDONALD, James. *The origin and the destiny of comets; or a change in the ecliptic of the earth.* Prahran: Osment and Son, 1869. 8vo. With folding illustration of the Southern Hemisphere. Original yellow wrappers. First edition of this extremely rare “astronomical” treatise. Anti-Newtonism was still alive and well in the late nineteenth century, as shown by this fascinating pamphlet concerning the formation of heavenly bodies and planetary motion. “It is very evident that the hitherto existing theory of the Law of Gravitation and the operations of the planetary system is proving itself to be incorrect, and a new system is required.” The “new system” theorized by the author would include comets that emanate from the sun, planets that emanate from comets, water on the surfaces of Mercury and Venus, Noah’s flood on Mars, and an ancient species of intelligent life. \$ 650.00

THE CANE’S FAMOUS AUTOBIOGRAPHY

62. MACMICHAEL, William. *The gold-headed cane.* London: John Murray, 1827. 8vo. Woodcut illustrations throughout the text. Contemporary half-morocco over marbled boards. First edition. “This charming ‘autobiography’ tells the adventures of the famous gold-headed cane, successively in the possession of Radcliffe, Mead, Askew, William and David Pitcairn, and Baillie, and then retired to a glass case in the library of the Royal College of Physicians of London. Besides good biographies of the several owners of the cane, the book gives interesting information on the state of medicine in England in the eighteenth century” (G&M). \$ 500.00



TEETH, BONES, AND SPONGES: AN ILLUSTRATED FOSSIL RECORD

63. MANTELL, Gideon Algernon. *A pictorial atlas of fossil remains, consisting of coloured illustrations selected from Parkinson's "Organic remains of a former world," and Artis's "Antediluvian phytology."* London: H.G. Bohn, 1850. 4to. With frontispiece of a foot of the New Zealand Moa and 74 color plates. Red publisher's cloth. First and only edition of this beautifully illustrated work on fossils. The engravings, exquisitely detailed and carefully hand-colored, are mostly culled from Parkinson's *Organic remains of a former world* (London, 1804- 1811), with updated descriptions using the most modern nomenclature available. \$ 1500.00

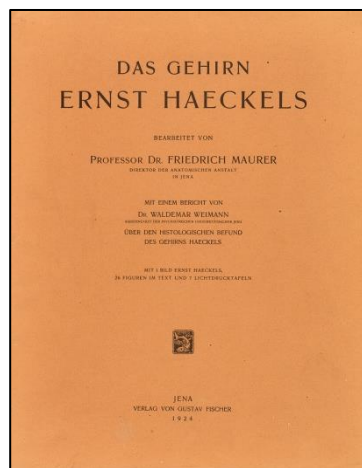
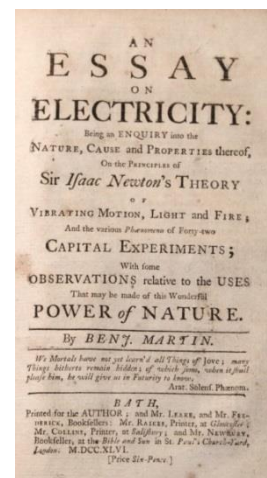


LAVISH ENGRAVINGS

64. [MARINONI, Giovanni Jacopo de]. *De re icnographica: cujus hodierna praxis exponitur, et propriis exemplis pluribus illustratur, inque varias, quae contingere possunt, ejusdem aberrationes, posito quoque calculo, inquiritur.* Vienna: Leopoldum Kaliwoda, 1751. Folio. Frontispiece and 44 full-page and 2 double-page plates, 3 folding maps, numerous text illustrations and vignettes. Contemporary vellum. First edition of this rare work. Coinciding with major leaps forward in the quality of scientific instruments, this volume is devoted to improved theories and techniques in the field of surveying and mapmaking. Included are descriptions of various instruments such as a plane table and various sighting devices and the drawing of a plan with annotations. The second part is a more theoretical work on geometry to be used in calculations after the sightings are taken. The closing chapter deals with the use of Christoph Scheiner's Pantograph. Much like Marinoni's other major work, *De astronomica specula domestica*, the present volume features lavish engravings throughout the text, including images of instruments (such as the Praetorian table), maps, and geometrical figures. \$ 10,500.00

EFFECTS OF ELECTRICITY ON HUMAN BODIES

65. 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



BRING ME THE BRAIN OF ERNST HAECKEL!

66. MAURER, Friedrich. *Das Gehirn Ernst Haeckels. Bearbeitet von Fr. Maurer. Mit einem Bericht von Dr. Waldemar Weimann über den histologischen Befund des Gehirns Haeckels.* Jena. Von Gustav Fischer, 1924. Folio. With a fine frontispiece portrait, 7 double page collotype plates, each with a plate outlining and detailing the sections of the brain, and 26 text figures. Original printed wrappers; a superb copy, mostly unopened. First edition of this acclaimed study of the brain of one of the most brilliant morphologists of the nineteenth century. \$ 400.00

“THROWING LIGHT ON THE THEORY OF ELECTRICITY”

67. MAXWELL, James Clerk. *An elementary treatise on electricity.* Oxford: At the Clarendon Press, 1881. 8vo. With 6 lithographic plates and 53 text illustrations. Original cloth. First edition of an unpublished manuscript that the author worked on during the last few years of his life. In the preface, Maxwell states that the aim of this treatise is different from that of his larger two volumes on electricity and magnetism: “I have endeavoured to present, in as compact a form as I can, those phenomena which appear to throw light on the theory of electricity, and to use them, each in their place, for the development of electrical ideas in the mind of the reader.” \$ 550.00

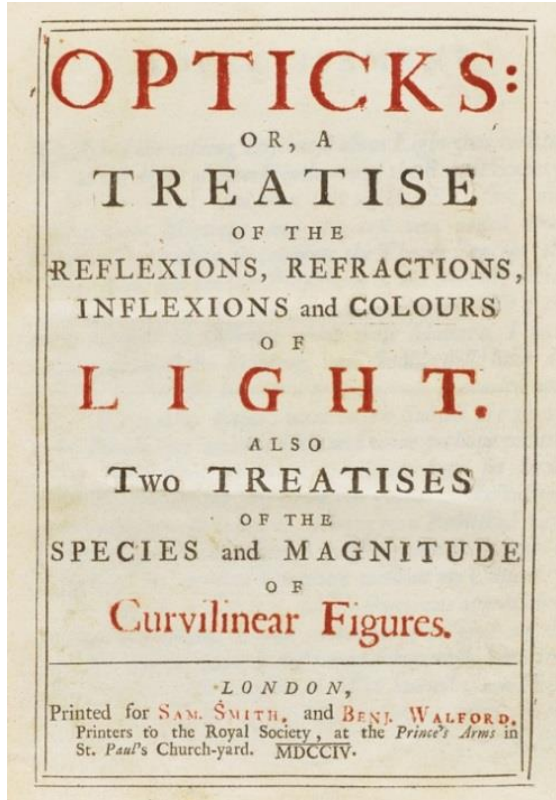
AMAZING PHOTOGRAPHS OF CHINA

68. 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 of Peking and environs. Original blue silk cloth with Chinese cyphers. First edition. Mennie's marvelous images are 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



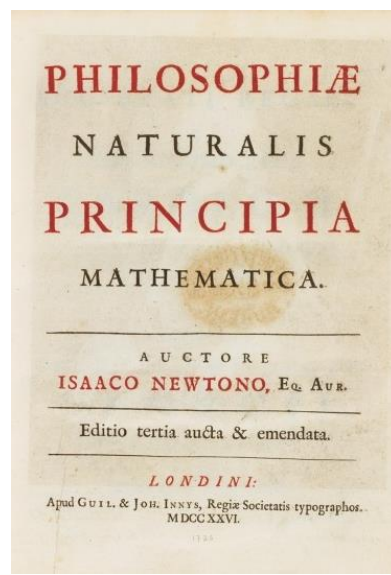
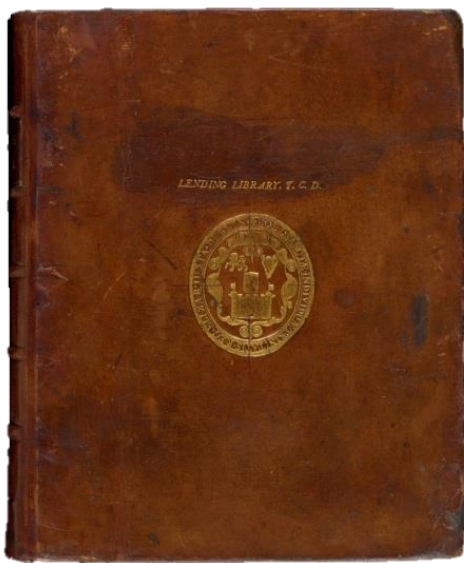
CONTRIBUTIONS FROM THE GREAT ENGLISH SCIENTISTS

69. MOORE, Sir Jonas; PERKINS, Peter; FLAMSTEED, John; HALLEY, Edmund. *A new systeme of the mathematicks.* . . . London: A[nne] 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, rebacked. 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



CLASSIC OF OPTICS

70. [NEWTON, Isaac]. *Opticks: or, a treatise of the reflexions, refractions, inflexions and colours of light. Also two treatises of the species and magnitude of curvilinear figures.* London: Sam. Smith and Benj. Walford, 1704. 4to. With 19 folding engraved plates. Contemporary English paneled calf. First issue of the first edition. Newton here expounds his corpuscular or emission theory of light. His set of sixteen "queries" on the nature of matter was considered to be the most important feature of the *Opticks* and had a profound influence on scientific thought. \$ 65,000.00



THE SECOND PRINTING OF NEWTON'S *PRINCIPIA*

71. **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



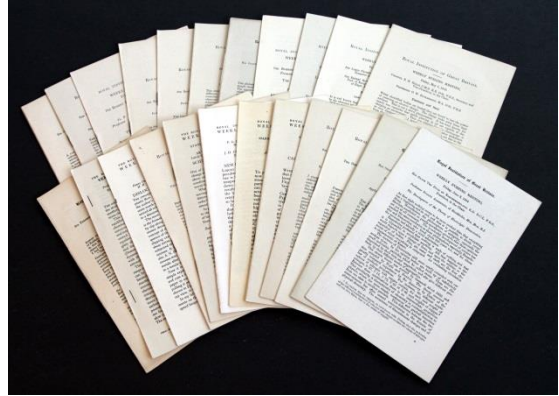
INVENTION OF THE CALCULUS

72. **NEWTON, Sir Isaac.** *The method of fluxions and infinite series; with its application to the geometry of curve-lines . . . To which is subjoin'd, a perpetual comment upon the whole work, consisting of annotations, illustrations, and supplements, in order to make this treatise a compleat institution for the use of learners.* London: Printed by Henry Woodfall; and sold by John Nourse, 1736. 4to. With engraved frontispiece, interpolated leaf [pp. 143-144], and leaf containing errata on the recto and publisher's advertisements on the verso. Paneled sprinkled calf in a contemporary style. First edition of Newton's treatise on the calculus, a work of great importance and rarity. \$ 65,000.00

73. **[NEWTON, Isaac]. MACLAURIN, Collin.** *An account of Sir Isaac Newton's philosophical discoveries, in four books.* London: Printed for the author's children, 1748. 4to. With list of subscriber's, errata and 6 folding engraved plates. Contemporary calf-back marbled boards. First edition of this author's defense of the most controversial points of Newton's cosmology, as well as his theories of celestial motion and gravity. \$ 2000.00

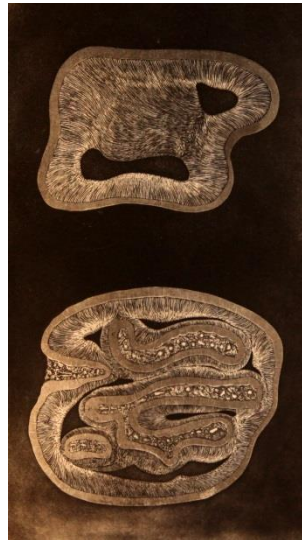
**NOBELISTS' OFFPRINTS FROM
THE FRIDAY EVENING DISCOURSES OF THE
ROYAL INSTITUTION**

74. 24 offprints of articles by Nobel scientists. Since 1851, Friday Evening Discourses have been published in the *Proceedings of the Royal Institution*. Many were subsequently published in book form, but offprints of the original Discourses take precedent and, being produced in limited numbers for the use of members, have become quite scarce. Authors include Arrhenius, Aston, Barkla, Born, Chadwick, Cockcroft, Compton, Lorentz, Mott, Porter, Ramsay, Richardson, Rutherford, Soddy, Thomson, Wilson and Zeeman. \$ 1800.00



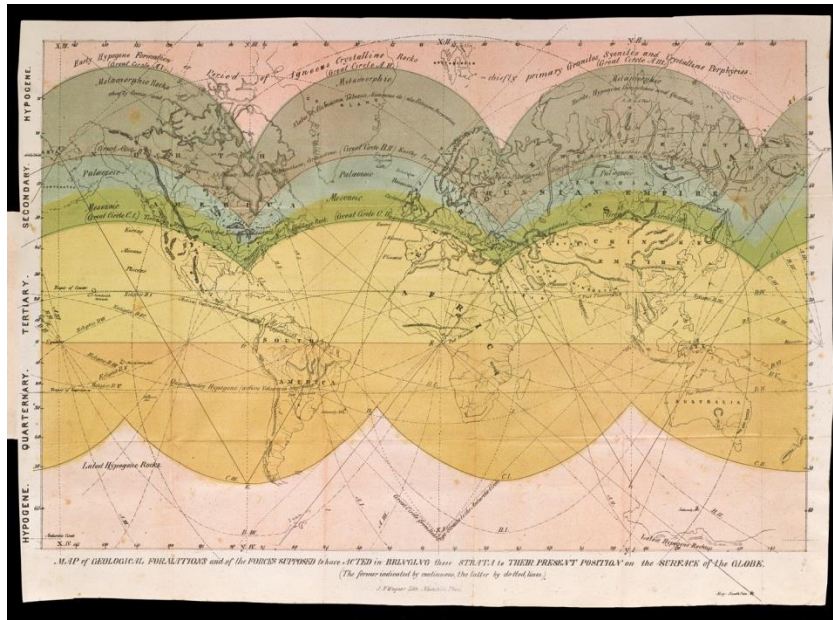
PREDICTING THE FUTURE

75. 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.* London: Thomas Ratcliffe, and Nathaniel Thompson, 1672. Folio. Without the frontispiece portrait, missing in about half the copies extant. 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



UNIFORM NOMENCLATURE OF TEETH FOR ALL VERTEBRATES

76. OWEN, Richard. *Odontography; or, a treatise on the comparative anatomy of the teeth. . . .* London: Hippolyte Baillière, Publisher, 1840-45. Two volumes (text & atlas). 8vo. With 168 lithographed plates. Original red half-morocco over marbled boards. First edition of Owen's major work on the comparative anatomy of vertebrate teeth in which he traces the natural order of animal groups according to their tooth structure. \$ 3500.00



ETHICAL GEOLOGY

77. OWEN, Richard. *Key to the geology of the globe: an essay, designed to show that the present geographical, hydrographical, and geological structures, observed on the earth's crust, were the result of forces acting according to fixed, demonstrable laws, analogous to those governing the development of organic bodies.* Boston: Gould & Lincoln, 1857. 8vo. With 2 large folding maps (1 colored) and 6 folding charts. Original publisher's blind-stamped cloth. First edition of this fascinating look at global geology. Most interesting is the chapter on ethical geology, in which the author formulates, from all of the information provided, the most effective means of improving the physical, mental, and moral condition of the human race. \$ 950.00



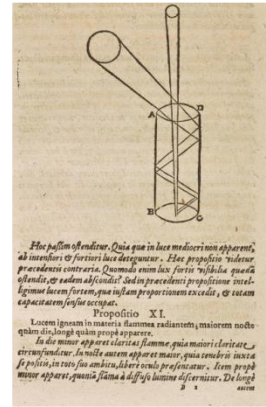
UNIQUE COPY OF AN ETRUSCAN SURVEY

78. PASSERI, Giovanni Battista. *Syntagma antiquorum monumentorum etruscorum quae dissertationibus VII. . . .* Florence: E Typographio Albiziniano, 1744. Folio. With 31 plates, text illustrations, and 40 hand-ruled pages for addenda containing 10 pages of manuscript, as well as contemporary annotations throughout, presumably, in the neat, readable hand of previous owner Jacobi Biancani or Giacomo Biancani Tazzi (1729-1789) the renowned curator of the Museo d'antichità in Bologna. Quarter vellum over marbled boards. First edition of this rare elegant survey of Etruscan antiquities published at the dawn of Etruscology. Passeri showcases objects, architecture, monuments, and inscriptions with instructive commentary and a plethora of masterfully engraved plates. \$ 6500.00

79. [PEARSON, Karl]. *Speeches delivered at a dinner held in University College, London in honor of Professor Karl Pearson, 23 April 1934.* Cambridge: Privately Printed at the University Press, 1934. 4to. Frontispiece portrait of Pearson. Original gilt-lettered cloth. Only edition of this delightful tribute to Karl Pearson on the celebration of his fiftieth year as a professor at Cambridge. \$ 300.00

CLASSIC WORK ON OPTICS AND PERSPECTIVE

80. PECKHAM, John. *Perspectivae communis libri tres.* Cologne: Heirs of Arnold Birckmann, 1580. 4to. Marbled paper over vellum-backed boards. Rare illustrated edition of this classic work on optics, the most influential and widely read treatise on perspective and its underlying optical basis. \$ 4500.00



EARLY USE OF ALGEBRAIC SYMBOLS

81. PELETIER, Jacques. *De occulta parte numerorum, quam algebram vocant, libri duo.* Paris: Gulielmum Cavellat, 1560. 4to. Contemporary vellum. First edition in Latin from his scarce and little known treatise *L'Algebra*, described by Smith as “one of the first practical textbooks on algebra, and one in which he inaugurated the use of literal symbols, later made popular by Viète.” \$ 3500.00



THE HUMANIST POPE

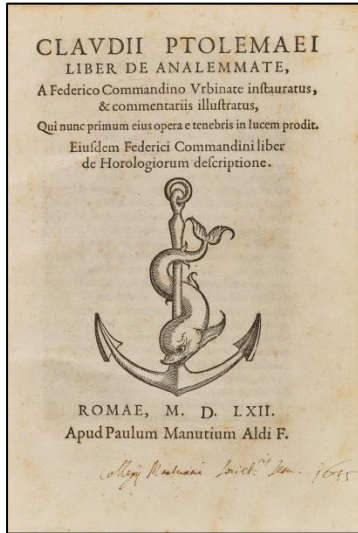
82. PIUS II, PONT. MAX (formerly Aeneas Sylvius Piccolomini). *Epistolae familiares. De Duobus amantibus euryalo et Lucretia. Descriptio urbis Viennensis.* Nuremberg: Koberger, 17 July 1486. 4to. Exquisite large initial in green, red and blue with gilt background, rubricated initials throughout. Contemporary calf, original clasps, blind-stamped images of Jesus (front cover) and Mary (rear cover) in oval cartouches; 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. \$ 12,500.00

Piccolomini, or Pius II (1405-1464), the “Humanist Pope” was extremely beloved, and his lively writings on a great variety of subjects, often secular, found a broad readership.

THE PHYSICS OF MOSES

83. 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 in Volume I. Contemporary polished calf. First edition in English of a rare and interesting treatise on the perception, both ancient and modern, of the universe and the creation. 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. \$ 2000.00



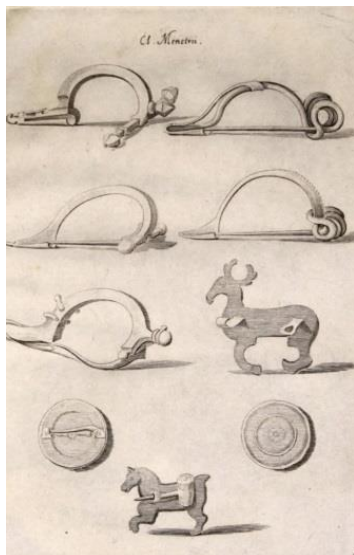
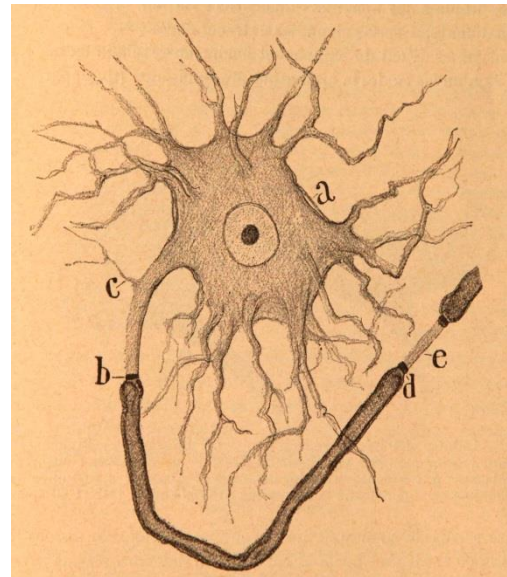


GREEK MATHEMATICS IS MORE THAN JUST CLASSICAL GEOMETRY

84. PTOLEMAEUS, Claudius. *Liber de analemmate, a Federico Commandino Urvinatē instauratus, & commentariis illustratus, qui nunc primum eius opera e tenebris in lucem prodit.* Rome: Paulus Manutius, 1562. 4to. Dolphin and anchor device on title, Greek and Roman types, numerous woodcut diagrams. First and only edition of Ptolemy’s celebrated application of mathematics to astronomical problems. \$ 6500.00

HISTOLOGY OF THE NERVOUS SYSTEM

85. 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 numerous text illustrations from the author’s drawings. Contemporary morocco-backed 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. \$ 18,500.00



INSCRIBED BY THE AUTHOR

86. RHODIUS, Johannis [RODE]. *De acia dissertatio ad Cornelii Celsi mentem.* Padua: Frambotti, 1639. 4to. With 4 full-page engraved plates. Contemporary calf; inscribed by the author on title. First edition of Rode’s acclaimed study on the nature of the fibula and other forms of surgical sutures used by the ancients, based on the works of Celsus. The six pages of ancient and contemporary authorities are of special interest, as are the illustrations of the various sutures. \$ 1000.00



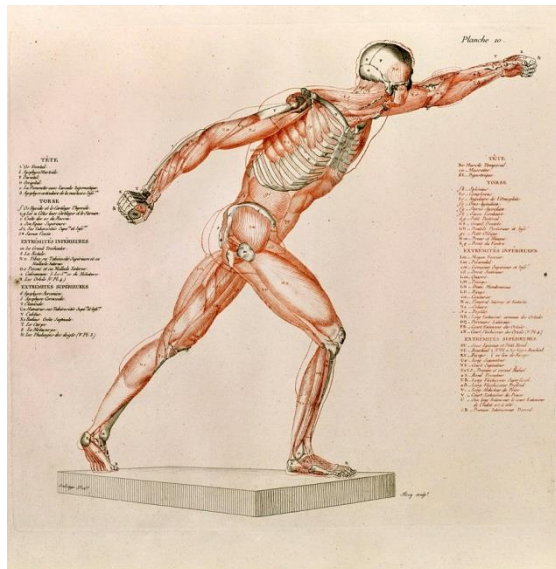
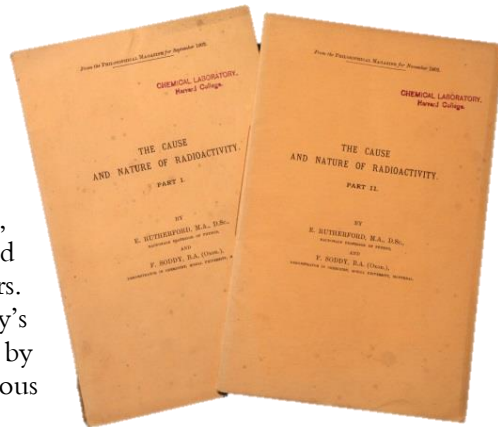
FIRST RATDOLT EDITION, WITH THE FAMOUS WORLD MAP

87. ROLEWINCK, Werner. *Fasciculus temporum omnes antiquorum cronicas complectenes.* Venice: Erhard Ratdolt, 1480. Folio. Woodcut illustrations, diagrams, and initials throughout. Seventeenth-century hand-colored paper over boards. The first of four Ratdolt editions, the *Fasciculus Temporum* was the first “best seller” and the most popular historical narrative of its time. It is a summary of both ecclesiastical and secular world history. The woodcut illustrations include the Temple of Solomon, the Tower of Babel, and views of important cities, including

Athens, Rome, Jerusalem, Byzantium, Cologne, and Venice. Printers of earlier editions did not include a map, but Ratdolt inserted one here, a T-O type. \$ 18,500.00

THE ESTABLISHMENT OF QUANTUM MECHANICS

88. RUTHERFORD, Ernest & SODDY, Frederick. “The cause and nature of radioactivity.” OFFPRINTS from the *Philosophical Magazine*, [sixth series, Vol. IV]. [London: Francis and Taylor], September and November, 1902. Two parts. 8vo. Original printed wrappers. First printing of the original offprints of Rutherford and Soddy’s seminal paper on the nature of radioactivity. Research by Rutherford and Soddy established the laws of the spontaneous transmutation of the elements. \$ 1500.00



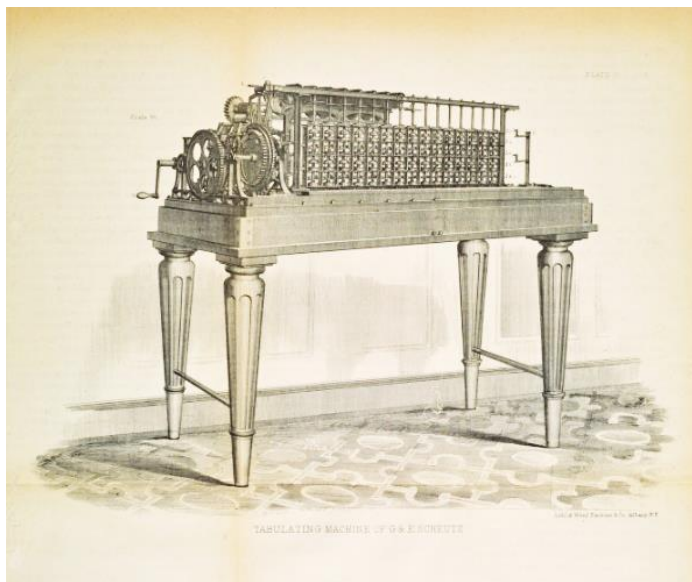
MAGNIFICENT ANATOMY FOR ARTISTS

89. 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 in which Salvage uses several well-known classical sculptures for his subjects, all drawn by the author himself. 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, proportions of the adult male, female and child’s body, including differences due to age, etc. \$ 6000.00



AN ENCYCLOPEDIC MASTERPIECE OF ANATOMY AND SYMBOLISM

90. 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



SUCCESSFUL EARLY COMPUTER

91. [SCHEUTZ, Georg & Edvard]. "The Swedish tabulating machine of G. & E. Schutz." In *Annals of the Dudley Observatory*. Vol. I. Albany: Weed, Parsons and Company, 1866; Vol. II: Albany: 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 article describes the machine built by father and son Georg and Edvard Scheutz, completed in October, 1853. 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

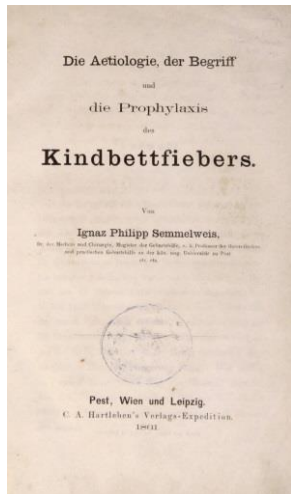
engine capable of producing printed mathematical tables, based upon Charles Babbage's design for his famous Difference Engine No. 1. The Dudley Observatory in Albany, New York, purchased the second of the three machines built by Scheutz; it was later acquired by the Smithsonian. \$ 4500.00

GUIDING SPIRIT OF THE VIENNA CIRCLE OF LOGICAL POSITIVISTS

92. **SCHLICK, [Friedrich Albert] Moritz.** *Allgemeine Erkenntnislehre.* Berlin: Julius Springer, 1918. 8vo. Cloth-backed marbled boards. First edition of the author's most important work in which he presents his general philosophy of science, a comprehensive and valuable treatment of the general theory of knowledge. Schlick was one of the founders of modern analytical philosophy. \$ 900.00

A PIONEERING WORK ON CEREBRAL REFLEX ACTIVITY

93. **SECHENOV, Ivan Mikhailovich. [SETSCHENOW, J.]** *Physiologische studien über die hemmungsmechanismen für die reflexthätigkeit des rückenmarks im gehirne des frosches.* Berlin: August Hirschwald, 1863. 8vo. Wrappers; a fine copy in folding case. First edition of this extraordinarily rare treatise on the reflexes of the brain. According to Sechenov, higher brain function, including any so-called voluntary act, was basically reflex in nature for it was a response to sensory stimulation which led to a motor act. Sechenov, the father of Russian physiology, laid the foundation for the study of reflexes, animal and human behavior, and neuroscience. \$ 7500.00

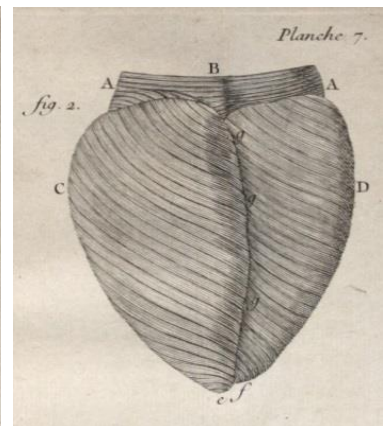
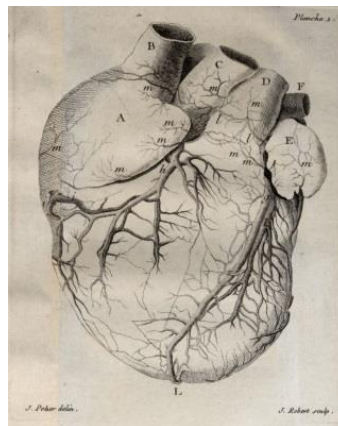


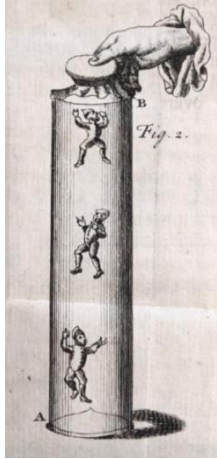
A LANDMARK BOOK IN MEDICAL LITERATURE

94. **SEMMELEWEIS, 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. \$ 40,000.00

STRUCTURE OF THE HEART

95. **SÉNAC, Jean Baptiste.** *Traité de la structure du coeur, de son action, et de ses maladies.* Paris: Jacques Vincent, 1749. Two volumes. 4to. With 17 folding engraved plates. Contemporary mottled calf. First edition of the first comprehensive treatise on the structure and diseases of the heart. Sénac describes the direction in placement of the fibers of the heart, pointed out the correlation between incidents of cardiac disease with increase in age, and includes details on transfusions and circulation. \$ 5000.00

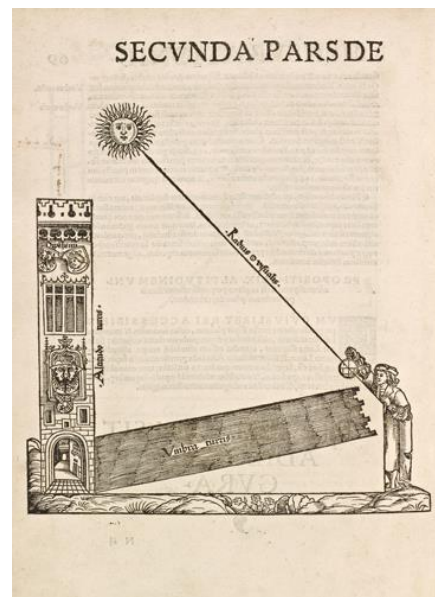
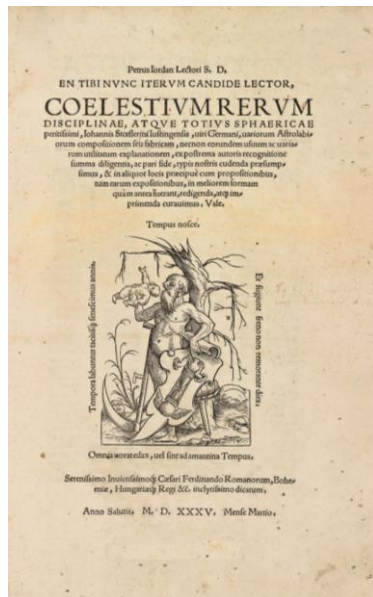




INTRODUCING NEWTONIAN PHYSICS

96. 'sGRAVESANDE, Willem Jacob. *Mathematical elements of physics, prov'd by experiments: being an introduction to Sir Isaac Newton's philosophy.* London: G. Strahan, 1720. Two parts in one. 8vo. With 33 folding engraved plates. Full calf. First edition in English, translated by John Keill. 'sGravesande endeavors to introduce Newtonian physics by treating gravity, pressure, and the motion of fluids, as well as aspects of air, all with practical experiments used to prove Newton's theories. \$ 2500.00

97. SPRAT, Thomas. *The history of the Royal-Society of London for the improving of natural knowledge.* London: Printed for Rob. Scot, et. al., 1702. 4to. Complete with imprimatur leaf, dedication to the King, poem to the Royal Society, and advertisement to the Reader. With 2 engraved plates. Modern calf in a contemporary style. Second edition of the first history of the Royal Society. This famous response to public attack, in which Sprat justifies the work and nature of the Society, also includes many valuable contributions, including experiments, by the members. \$ 600.00

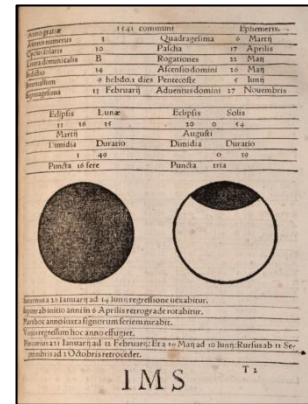


THE PLANISPHERIC ASTROLABE

98. STOEFFLER, Johann. *Coelestium rerum disciplinae . . . uariorum astrolabiorum compositionem seu fabricam.* [Moguntiae (Mainz): Petrus Jordan, 1535]. Folio. Complete with all the woodcut plates of astrolabes (with extended folding parts). Early vellum-backed paste boards. Stoeffler's treatise on the construction and use of the astrolabe was the most influential in the Renaissance, containing clear and concise instructions on how to lay out its components and how to use it for common problems. \$ 8500.00

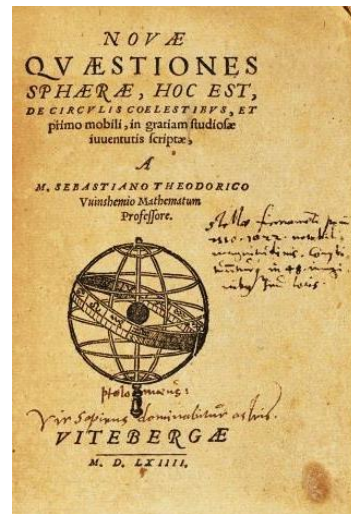
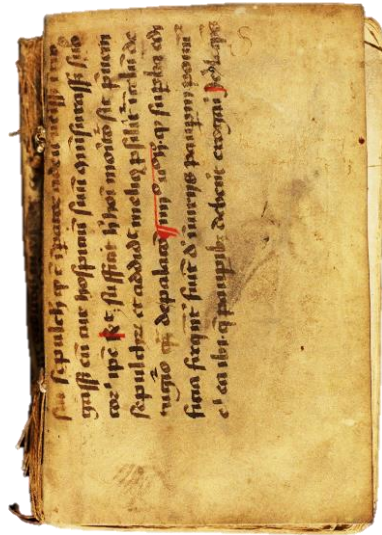
RARE RENAISSANCE ASTRONOMICAL TABLES

99. **STOEFFLER, Johann.** *Ephemeridum opus Joannis Stoeffleri justingensis mathematici à capite anni redemptoris Christi MDXXXII in alios XX proximè subsequentes, ad veterum imitationem accuratissimo calculo, elaboratum.* Tübingen: Huldenrichum Morhart, ann. XXXI [1531] Kal, Sept. 4to. Woodcut portrait of author on title has been ascribed to Hans Holbein the younger; title in facsimile on contemporary paper. Text woodcuts throughout. Astronomical tables for 1532-1551 with half-titles for each year. Rare set of Stoeffler's astronomical tables, basically a continuation of the tables of Regiomontanus. \$ 5500.00



A REMARKABLE COPY IN ITS ORIGINAL STATE

100. **SYLVIUS, Jacob.** *Novissima idea de febribus . . . accessit dissertatio de insensibili transpiratione mechanicè probata.* Dublin: Jos. Ray, 1686. 12mo. (inverted). Entirely uncut and unpressed in contemporary pasteboards. First edition of this rare book discussing the treatment of fevers. Of special interest are Sylvius' descriptions of infinitely small, live animaliculae in the human semen seen under the microscope. \$ 1500.00



IMPORTANT EARLY WORKS ON ASTRONOMY AND TIME

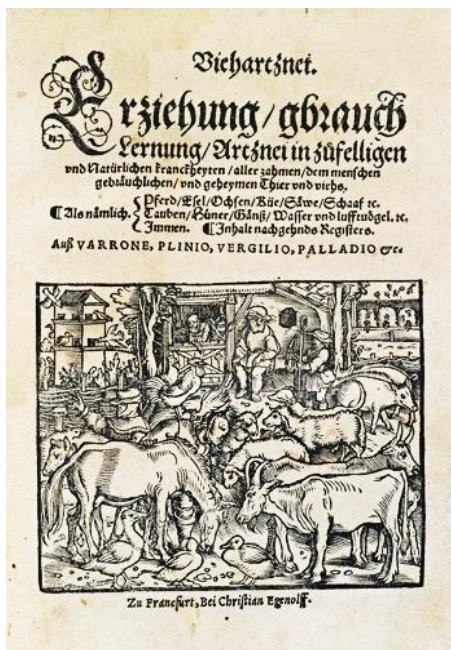
101. **THEODORICUS [Dietrich], Sebastian.** *Novae qvestiones sphaerae, hoc est, de circulis coelestibus, et primo mobili, in gratiam studiosae iuuentutis scriptae.* Wittenberg: Johannes Crato, 1564. **(bound with)** **GARCAEUS [Gartze], Johannes.** *Primus tractatus brevis et vtilitatis de tempore, con scriptus in gratium studiosorum.* Wittenberg: Johannes Crato, 1563. With 11 folding tables. Two works in one. 8vo. Bound in contemporary limp vellum made from a fifteenth-century manuscript, contemporary annotations. **I:** First edition. This introduction to astronomy by the Wittenberg professor of mathematics 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. \$ 13,500.00



MOVING BEYOND MEDIEVAL ALCHEMY INTO MODERN DISTILLATION

102. ULSTADT, Philipp. *Coelum philosophorum seu de secretis naturae liber. Denuo reuissus & castigatus.* [Strassburg: for the Author, 1525]. Folio. Numerous text woodcuts. Contemporary vellum. First edition of this extremely rare work which served as “a standard authority on the preparation and use of distillates for nearly a century” (DSB). It is one of the most important early books on the chemicals that can be prepared in more or less pure form by the process of distillation, and contains additional comments on their medicinal uses. By emphasizing the medical efficacy of chemical distillates, Ulstad more clearly defines the boundaries between medieval astrology/pharmacology and substantive chemistry and medicine, preparing the way for the more intimate connection between these two disciplines. \$ 45,000.00

103. URE, Andrew. *A new system of geology, in which the great revolutions of the earth and animated nature, are reconciled at once to modern science and sacred history.* London: Longman, Rees, Orme, Brown & Green, 1829. 8vo. With 7 plates and 51 text wood engravings. Modern half-morocco over marbled boards. First edition. Like many other scientifically-trained creationists, Ure felt that geologists were undermining the foundations of religion and morality, and attempts here to reconcile contemporary geological discoveries with the Mosaic account of creation. \$ 350.00



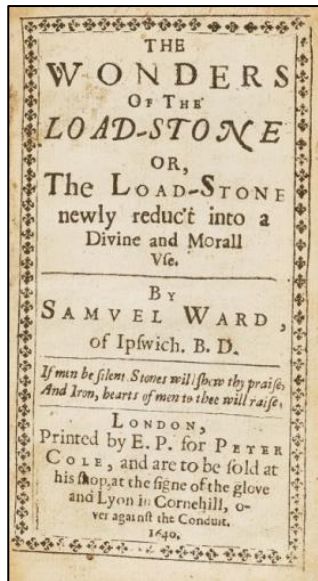
WONDERFUL WOODCUTS BY WEIDITZ

104. [VETERINARY MEDICINE]. *Viehartznei. Erziehung, Gebrauch, Lernung, Arztnei in zufälligen vnd natürlichen Kranckheytten, 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. First illustrated edition. Much of the text is focused on equestrian care and medicine, though the latter part of the treatise explains the husbandry and medical treatment of other livestock, including mules, donkeys, oxen, sheep, pigs, dogs and birds, along with a short section on apiculture. \$ 12,500.00

CELLULAR PATHOLOGY

105. VIRCHOW, Rudolf. *Cellularpathologie in ihrer Begründung auf physiologische und pathologische Gewebelehre.* Berlin: August Hirschwald, 1858. 8vo. With half-title and 144 text woodcuts. Contemporary marbled boards. First edition of Virchow's acclaimed treatise on cellular pathology. His discovery that every morbid structure consisted of cells derived from pre-existing cells revolutionized the concept that any developed tissue can be traced back only to a cell. Dibner, 132; Horblit, 99; PMM, 307c. \$ 3000.00

MAGNETICA MAGNALIA - PRINTED BY A WOMAN



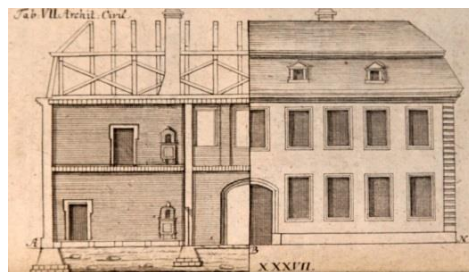
106. WARD, Samuel. *The wonders of the load-stone, or, the load-stone newly reduc't into a divine and morall use.* London: Printed by E[izabeth] P[urslowe] for Peter Cole, and are to be sold at his shop, at the signe of the glove and Lyon in Cornhill over against the Conduit, 1640. 12mo. Contemporary calf. First edition in English. This work covers many practical uses of magnets and their physical and chemical properties. Each chapter explores a new experiment on the magnet; the author even urges the reader to procure a good loadstone to use while reading the book. The printer was most likely Elizabeth Purslowe (d. 1656), one of a handful of women printers operating in London during the English Civil War and Commonwealth periods. \$ 1850.00

THE LITERAL GEOLOGICAL INTERPRETATION OF GENESIS

107. 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. Contemporary calf. 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. \$ 3500.00

ILLUSTRATED ENCYCLOPEDIA OF SCIENCE

108. WEIDLER, Johann Friedrich. *Institutiones mathematicae decem et sex purae mixtaeque matheseos disciplinas complexae; sub finem accedunt tabulae sinuum, tangentium et logarithmorum contractae et index generalis.* . . . Vitembergae: Georg Marcum Knochium, literis Godofredi Gaeberti, 1725. 8vo. With 48 leaves of plates. Contemporary full calf binding dated 1729 in blind on the back cover. Second edition, greatly enlarged with over 100 additional text pages and illustrations. This early encyclopaedia of science is Weidler's most important work, of significant value for its abundance of data and details in each area of science. Among the subjects covered include: arithmetic, geometry, plane trigonometry, optics, perspective, spherical trigonometry, spherical and dynamical astronomy, geography (on the sphere), chronology, dialing, mechanics, hydrostatics, hydraulics, civil and military architecture, fortifications, and mathematical analysis concluding with differential and integral calculus. \$ 1500.00



THE FATHER OF MODERN MINERALOGY

109. WERNER, Abraham Gottlob. *Von den äusserlichen Kennzeichen der Fossilien.* Leipzig: Siegfried Lebrecht Crusius, 1774. 8vo. With 8 folding tables. Contemporary half-calf over boards. First edition of Werner's first published book, in which he examined minerals in the light of their surface features, establishing a number of standards to be used in classification terminology. \$ 6500.00



ORIGINAL MINIATURE PAINTINGS PRINTED IN MONOTYPE

110. 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 especially for the author's wife. Unique work of 24 miniature paintings by Henry Wight, little known artist and poet, 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

ECOLOGY AND ECONOMY OF COAL EXHAUSTION

111. WILLIAMS, John. *The natural history of the mineral kingdom. In three parts. Part I. Of the natural history of the strata of coal, and of the concomitant strata. Part II. Of the natural history of mineral veins, and other beds and repositories of the precious and useful metals. Part III. Of the natural history of the prevailing strata, and of the principal and most interesting phaenomena upon and within the surface of our globe.* Edinburgh: Printed for the Author, 1789. Two volumes. 8vo. Uncut and partially unopened in original boards. First edition. Williams combines very practical information regarding mining and mineralogy with both social commentary as well as observations on the deluge and the evolution of the earth following the flood. \$ 2500.00

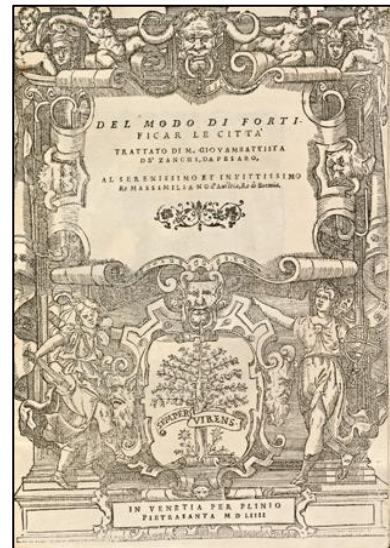


THE STANDARD EUROPEAN TEXT ON OPTICS

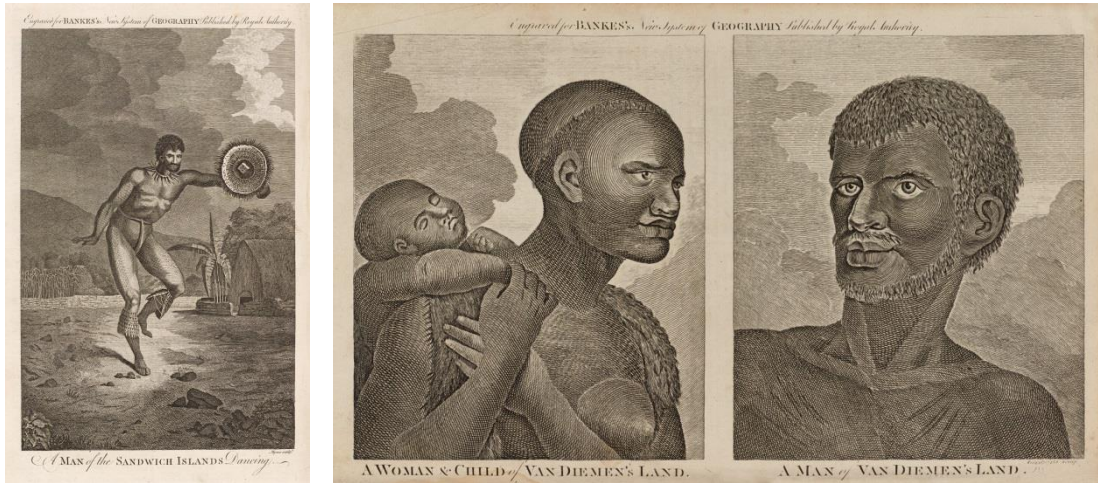
112. WITELLO. *Vitellionis . . . Peri optikes [Optica, in Greek], id est de natura, ratione, & projectione radiorum uisus, luminum, colorum atq[ue] formarum, quam uulgo perspectiuam uocant, libri X. . . .* Nuremberg: Apud Io. Petreium, 1535. Folio. Numerous woodcut illustrations throughout text. First 4 numbered leaves (following preliminaries) are in 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, 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

WRITTEN FROM FIRST-HAND EXPERIENCE

113. ZANCHI, Giovanni Battista. *Del modo di fortificare le città.* Venice: Plinio Pietrasanta, 1554. 4to. Title within elaborate architectural border, portrait of the author, and 8 text illustrations. First edition of the first Italian book devoted exclusively to fortification of cities. \$ 12,500.00



TRAVEL



INSPIRED BY THE VOYAGES OF COOK

114. BANKES, Thomas. *A new and authentic system of universal geography, antient and modern.* London: Printed for C. Cooke, [1792?]. Folio. With 100 unnumbered plates including frontispiece and 22 maps (12 folding). Recent calf. Fifth edition [?] of this 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, Banks also commissioned ethnographic plates depicting both exotic and familiar types, from “The King of the Congo preparing for an Excursion” to “Ancient English Dresses.”

\$ 5000.00



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

115. 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



FIRST PUBLISHED MENTION OF OREGON

116. 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). Part of a small expedition to map uncharted territory west of the Mississippi, he visited many of the Native American groups residing in the area. In addition to his comments on the natural history and the Native Americans of the West, this work contains the first published mention of the word "Oregon." \$ 5000.00

VICTORIAN IMPRESSIONS OF ABYSSINIA

117. CHANDLER, Richard. *Abyssinia mythical and historical.* London: C.J. Skeet, [1868]. 8vo. With a folding map. Publisher's cloth. First edition of this overview of the history and literature of the region. Abyssinia, the historical name for what is roughly modern-day Ethiopia, has long captured the European imagination as an exotic and ancient land, mentioned in both classical and Biblical sources. \$ 550.00

RUSSIAN ACTIVITIES IN THE NORTH PACIFIC AND BERING SEA

118. COXE, William. *Account of the Russian discoveries between Asia and America, to which are added, the conquest of Siberia, and the history of the transactions and commerce between Russia and China.* London: Printed by J. Nichols and for T. Cadell, 1780. Three parts in one. 4to. With 4 large folding plates and 1 engraved folding plate. Modern quarter calf over boards. First edition. Coxe visited St. Petersburg and spent time researching Russian activities in the North Pacific and Bering Sea, including collecting journals of Russian expeditions and discoveries made in northwestern America. A fascinating and significant source on Russian exploration and expansion into the northern Pacific in order to open trade with Alaska and the Aleutian Islands. \$ 5500.00



JOURNEY THROUGH THE MIDDLE EAST

119. EGMOND, Johannes Aegidius van & HEYMAN, John. *Travels through part of Europe, Asia Minor, the Islands of the Archipelago; Syria, Palestine, Egypt, Mount Sinai, &c. Giving a particular account of the most remarkable places, structures, ruins, inscriptions, &c. in these countries. Together with the customs, manners, religion, trade, commerce, tempers, and manner of living of the inhabitants.* London: L. Davis and C. Reymers, 1759. Two volumes. 8vo. With 6 engraved folding plates. Contemporary calf. First edition in English. This most detailed account describes the authors' observations (both positive and negative) of their journeys through Palestine, Jerusalem and the Holy Land, Syria, Cairo, Egypt, Constantinople, Aleppo, Alexandria, Jordan, and Cyprus, all with full description. They researched and explored the surrounding nature and include details of inhabitants, their manners, customs, virtues and vices, with

discussions of their religion, laws, trades and manufacturing, and education.

\$ 1500.00

THE SWEDISH KING IN EXILE

120. FABRICE, [Friedrich Ernst von]. *The genuine letters of Baron Fabricius, envoy from his serene highness the Duke Administrator of Holstein to Charles XII of Sweden. . . .* London: Printed for T. Becket and P.A. Dehondt, 1761. 8vo. Modern quarter calf with cloth boards. First edition in English. This fascinating collection of letters was written to Charles XII and others in his circle by Baron Fabricius during their exile from Sweden. After a disastrous campaign against Russia, a wounded Charles and a few of his men retreated to the Ottoman Empire where they sought refuge under Ahmed III. These letters contain four years of "singular particulars, secret transactions, and curious anecdotes in relation to that Northern hero, during his residence in Turkey," documenting an important power shift taking place in Northern Europe as well as the extraordinary fate of Sweden's Warrior King.

\$ 2500.00

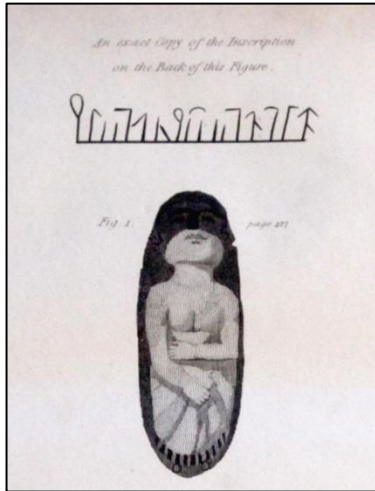
"OFFICIAL" ACCOUNT OF COOK'S SECOND VOYAGE

121. FORSTER, George. *A voyage round the world, in His Britannic Majesty's sloop, Resolution, commanded by Capt. James Cook, during the years 1772, 3, 4, and 5.* London: B. White, etc., 1777. Two volumes. 4to. Large folding map in Volume I. Modern calf. First edition of a remarkable achievement, "an important and necessary addition" (Hill) to the account of Cook's second voyage. Cook was the first to cross the Antarctic Circle, and on his return to the area near New Zealand an astonishing series of discoveries and rediscoveries were made, including Easter Island, the Marquesas, Tahiti, New Hebrides, New Caledonia, and a number of smaller Islands. The author describes the physical attributes as well as the inhabitants they met at each location. Georg Forster, along with his father Johann Reinhold Forster, accompanied Cook on the Resolution as naturalists, with the intention of preparing the official account of the voyage. Notwithstanding a dispute with the Admiralty over payments, this work, in the son's name only, was published six weeks before Cook's own final official account. The competing publications only served to increase the rancorous relationship between Cook and the Forsters, which took on majestic proportions, feeding a continuous slew of books and articles over the ensuing centuries.



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\$ 7800.00



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

122. 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, written in the form of letters by a female traveler, and translated by her husband, who added a sizeable Appendix describing coins, medals, and other artefacts of the area. 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



TRAVELS THROUGH NEWLY INDEPENDENT COLOMBIA

123. HAMILTON, Colonel J.P. *Travels through the interior provinces of Columbia.* London: John Murray, 1827. Two volumes. 8vo. With folding map and 7 engraved plates. Contemporary half-calf and marbled boards. First edition of this fascinating narrative of a journey through the various tribal and jungle lands of Colombia to Bogota. The author spins enthralling tales of both natives as well as foreigners living there, weaving in colorful descriptions of exotic locales. Adding a bit of history completes a truly amazing travel experience. \$ 1250.00



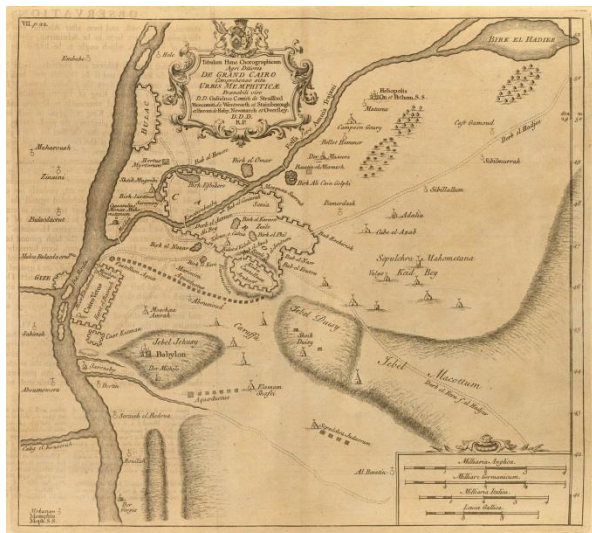
WITH A DESCRIPTION OF MOSCOW'S GREAT FIRE AND REBIRTH

124. 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. This rare travel account of Russia, Turkey, and the surrounding region includes wonderful images drawn by the author himself, including women in Kiev washing clothes in a hole made in the ice. 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

INTRODUCING THE POTATO TO PERSIA

125. [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

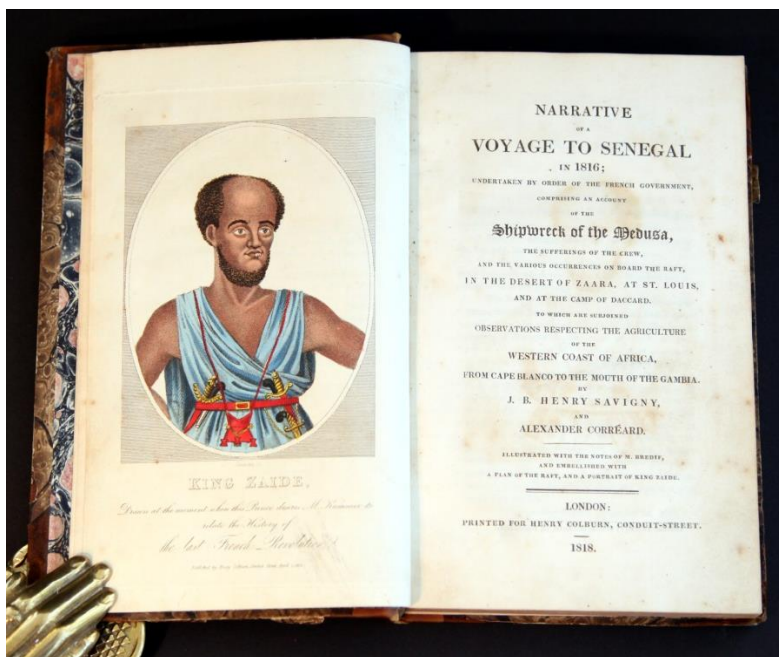




AN ENGLISHMAN GOES EAST

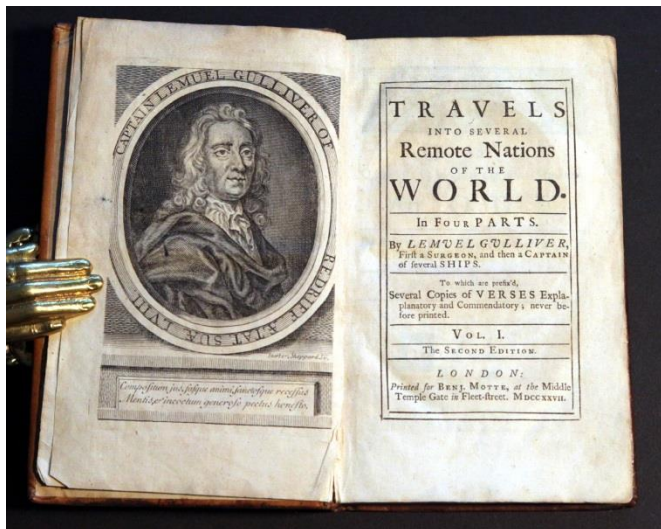
126. POCOCKE, Richard. *A description of the east and some other countries.* London: Printed for the Author by W. Bowyer; and sold by J. and P. Knapton, W. Innys, W. Meadows, G. Hawkins, S. Birt, T. Longman, C. Hitch, R. Dodsley, J. Nourse, and J. Rivington, 1743-1745. Three volumes in two. Folio. With a total of 178 numbered plates. Contemporary crushed russia. First edition. This extraordinarily beautiful and elaborately illustrated 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. \$ 15,000.00

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THE INSPIRATION FOR GÉRICAULT'S FAMOUS PAINTING

127. SAVIGNY, J.B. Henry; CORRÉARD, Alexander. *Narrative of a voyage to Senegal in 1816; undertaken by order of the French government comprising an account of the shipwreck of the Medusa, the sufferings of the crew, and the various occurrences on board the raft. . . .* London: Printed for Henry Colburn, 1818. 8vo. With colored frontispiece portrait of King Zaide and a full-page plate showing the Plan of the Medusa's raft. Contemporary half-calf over marbled boards. First edition in English of the thrilling account of the infamous shipwreck of the Medusa. After running adrift off the coast of Africa, nearly 150 men and one woman piled onto a crude raft in a desperate attempt to make it to shore - a distance of nearly 60 miles. When they were finally rescued thirteen days later, mutiny, murder, famine, and injury had so depleted their numbers that only 15 were left to tell the tale. The artist Géricault immortalized the event in his famous painting, *The Raft of the Medusa*, now housed in the Louvre. \$ 650.00



TO LILLIPUT AND BEYOND

128. [SWIFT, Jonathan]. GULLIVER, Lemuel. *Travels into several remote nations of the world. In four parts. First a surgeon, and then a Captain of several ships. To which are prefix'd, several copies of verses expla-planatory and commendatory; never before printed.* London: Benj. Motte, 1727. Four parts in two volumes. 8vo. Complete with frontispiece portrait in volume 1, inscription within oval frame, 5 maps and 1 plate of symbols. Contemporary calf. Despite “second edition” on both title pages, Teerink cites this as the fourth octavo edition; three editions were published the prior year. These are the voyages of the Captain Gulliver, whose (unintended) mission was to seek out strange

new places and peoples and to go where no man had gone before. Somewhat a satire and a parody on human nature, *Gulliver's travels* has not been out of print since its first publication. \$ 6500.00

RADICAL ESSAYS BY AN INFLUENTIAL AMERICAN THINKER

129. THOREAU, Henry David. *A yankee in Canada, with anti-slavery and reform papers.* Boston: Ticknor and Fields, 1866. 12mo. Publisher's purple cloth. First edition, one of 1546 copies printed. The main essay in this volume was inspired by Thoreau's 1850 journey to Quebec. Ten other essays under the title “Anti-Slavery and Reform Papers” appear here, including the monumentally influential “Civil Disobedience” and “A Plea for Captain John Brown.” \$ 1000.00

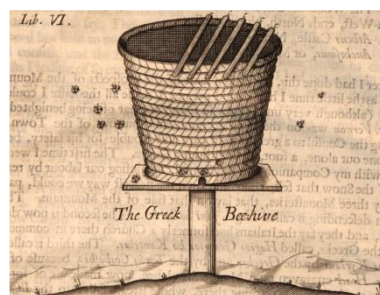
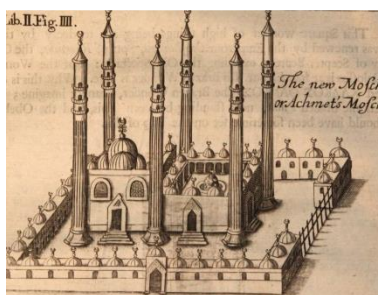
TELL-ALL EXPOSÉ OF PRIVILEGED LIFE ALONG THE BARBARY COAST

130. TULLY, Miss; TULLY, Richard. *Narrative of a ten years' residence at Tripoli in Africa: from the original correspondence in the possession of the family of the late Richard Tully, Esq., the British consul. . . .* London: Henry Colburn, 1816. 4to. Color frontispiece, 4 additional color plates and folding map. Three quarters red calf with red marbled boards. First edition of this rare work that recalls the daily life, colorful anecdotes and dramatic events surrounding the royal family of Tripoli. Allegedly based on the letters of Richard Tully's sister, who enjoyed a “privileged position within the household,” the preface reveals the book to be both an intimate portrait as well as something of an exposé; it warns the reader that the text contains “such scenes and events, such sketches of human weakness and vice, the effects of ambition, avarice, envy, and intrigue, as will scarcely appear credible in the estimation of an European.” \$ 2500.00



TRAVELS THROUGH RUSSIA & CHINA BY A GERMAN ENGRAVER

131. UNVERZAGT, Georg Johann. *Die Gesandtschafft ihrer Kayserl. Majest. von Gross-Russland an sinesischen Kayser, welche anno 1719 aus St. Petersburg nach der sinesischen haupt und residenztadt Peking abgefertiget worden. . . .* Lubeck: Johann Christian Schmidt, 1727. 12mo. With frontispiece and 9 lovely engravings. Brown paper boards. Second edition of this rare travel account. This was the “very latest travel description of the mission from St. Petersburg to China,” according to the frontispiece, the product of the author-artist’s involvement with a delegation sent to China by Peter the Great. The group traveled to Peking via Lake Baikal and through the Gobi Desert in 1719 with the hopes of persuading the Emperor to open routes for the caravan trade between the two countries. This wonderful work offers a peek into Asia through the eyes of a European, and includes engravings depicting cityscapes, exotic costumes, and an image of a Chinese longboat. \$ 2500.00



“AN ALMOST UNEXPLORED COUNTRY”

132. 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 chestnut brown quarter morocco and cloth 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 is divided into six books and includes descriptions of Venice, Constantinople, Anatolia, Athens, Attica, Corinth, and many other locales. But this work is much more than a simple travel narrative; Wheler also gives precise descriptions of what he encountered and collected, incorporating beautiful images of coins, monuments, cities, plants, and animals. \$ 4500.00