Rootenberg Rare Books & Manuscripts
A highlight of items to be exhibited at
The Boston Book Fair
November 15-17, 2019, Booth 323

Full collations, descriptions, and bibliographical details are available for all items listed.
RARE ASTROLOGICAL PERIODICAL


*First edition* of a complete run of the short-lived periodical devoted to all things occult. Each issue is a compilation of astrological data, anecdotes, medicinal recipes, how-to guides, and letters from subscribers and responses. Astrological charts were used to predict the outcome of important world events, and subscribers could request natal charts which may be included in a future issue, or could detail dreams or visions to be interpreted by the editors. 

$3500.00

DISCOVERY OF THE HUMAN OVUM


*First edition* of Baer’s famous discovery of the mammalian ovum, a classic in the history of embryology. Dibner, 196; Garrison & Morton, 477; Horblit, 9b; *Printing & the Mind of Man*, 288. 

$32,000.00
4. BAKER, Samuel White. *The Albert N’yanza, great basin of the Nile, and explorations of the Nile sources*. London: Macmillan and Co., 1866. Two volumes. 8vo. Frontispiece portrait, 2 maps, 14 fine plates and 23 text illustrations. Contemporary gilt-ruled half green sheep over pebbled boards. **First edition**. Baker, an established explorer in the Black Sea region, went to Africa to discover the sources of the Nile River. Along the way he met up with fellow adventurers John Speke and James Grant, who gave him valuable information that led him to Lake Albert. He was the first European to visit and gave the lake its name. This narrative recounts in lurid detail his encounters with natives, hunting expeditions, judgments of tribal customs, and liaisons with slave traders. Most of his travel companions abandoned him along the way due to the brutal nature of the journey and his harsh treatment of them, so he was forced to rely on locals for direction and advice. **$ 750.00**

**First edition** of this fascinating reference guide for sportsmen. The work is an in-depth insight into pigeon and doves of the region, offering a detailed description of the genera and species, synonymy and vernacular names, and a full description of male, female and young of each, as well as their distribution, genera, habits, etc.

$400.00
**CATALOGUE OF THE TOWER OF LONDON ZOO**


**First edition** of the catalogue of the Royal Menagerie in the Tower of London, one of the earliest zoos open to the public. Opened in the 13th century, the Tower was home to lions, leopards, elephants, polar bears, and the first grizzly bear ever seen in England. The Menagerie was closed in 1832 and the animals moved to Regent’s Park. This work provides the natural history as well as amusing stories of the animals. Bennett was an eminent zoologist and founder of the Zoological Society of London.  

$350.00

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**FOUNDATION OF MATHEMATICAL PROBABILITY**


**First edition** of a milestone in the history of mathematics, the first significant work on probability theory. Especially notable is the theorem which “places the theory of probability in a more commanding position than it had hitherto occupied” (Todhunter). “It is still the foundation of much modern practice in all fields where probability is concerned — insurance, statistics and mathematical heredity tables” (PMM). Dibner, 110; Horblit, 12; *Printing & the Mind of Man*, 179

$30,000.00
ELABORATE FRENCH ARMORIAL BINDING
COINING THE TERM “DARK AGES”

8. [BINDING]. JOSSET, Pierre [BARONIO, Cesare]. *Annales ecclesiastici poetici numeris illigati*. Poitiers: J. Thoreau et A. Mesnier, 1638. 4to. Title printed in red and black. Contemporary original binding of richly gilt morocco, rebacked with the original spine laid down. Presumably decorated with the arms of the family of the Des Cervon, Baron des Arsis, mentioned in the contemporary handwritten inscription in the first blank leaf that reveals that the book was given as an award to a worthy student of the Jesuit boarding school at La Fleche, thanks to the generosity of the Baron. Contemporary ownership notation on title from the novitiate in Paris (Domus Probationis Parisiensis). From the library of Holland House with their armorial bookplate on the front paste down.

First edition of this Latin translation in verse of *Annales ecclesiasticci* by Cesare Baronio, a history of the first twelve centuries of the Catholic Church. Baronio’s *Annales* treats history in chronological order and keeps theology in the background. It was in this work that the term “Dark Ages” in the Latin form *saeculum obscurum* was coined.

§ 7500.00
EXQUISITE ILLUSTRATIONS OF AMERICAN BIRDS


$8000.00
10. BONNE, Rigobert. [Atlas de toutes les parties connues du globe terrestre. Dresse pour l’histoire philosophique et politique des etablissements et de commerce des Européans dans les deux Indies. Geneve: Pellet, ca 1780]. 4to. With 50 double-page folding copper engraved maps. Contemporary blue paper boards. An excellent copy with very clean maps. The maps only (lacking the title page and text). Bonne is responsible for the most detailed and accurate maps of the period. These include the newly formed United States of America, as well as specific areas such as Texas, Louisiana, Baja California, and parts of Florida and Northern Mexico, as well as Canada and Cuba. Bonne’s work marks an important step in the evolution of cartography from a decorative work towards a more detail oriented and practical aesthetic. $ 850.00

11. BOOLE, George. An investigation of the laws of thought, on which are founded the mathematical theories of logic and probabilities. London: Walton and Maberly, 1854. 8vo. The errata leaf is at the beginning following the Contents with the note and 6 pages of advertisements at the end of the book. Finely rebound in full morocco. From the Tomash collection of logic and mathematics. First edition, either the first or second issue (uncertain because of the rebinding) of this classic work on symbolic logic, now quite scarce. Boole demonstrated how the laws of formal logic could be incorporated into a calculus. This combination of the two fields revolutionized mathematics, philosophy, and linguistics, and paved the way for the design of high-speed computers. $ 8000.00

**First edition** of a controversial book dedicated to parapsychology and spiritualism. The author Mary Boole, wife of the mathematician George Boole and the niece of George Everest, the explorer after whom Mt. Everest was named, likely gifted this copy to her goddaughter, Ethel Gertrude, Everest’s daughter. The text starts with a dedication poem by her husband George (“The fellowship of the Dead”), and proceeds to discuss forces of nature, the development of the infant, and mental hygiene. Boole encourages young women to explore different, if controversial, methods of caregiving like homeopathy and even “thought-reading.” She compares the opposition to psychical research to the skepticism and outrage that Darwin’s *Origin of the Species* prompted.

$450.00

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**First American edition** of Buckland’s celebrated Bridgewater Treatise, first professor of geology in England. His exploration and research were of major importance, and his contributions to geology were instrumental to its integration with other sciences at Oxford. Buckland was so popular that all of his colleagues, including Lyell, considered themselves his pupil.

$750.00
Teleosaurus Chapmanni.

Crocodilian remains from the Liias of Whitby and Oolite of Oxfordshire.

$ 2000.00

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15. DARWIN, Charles. *Geological observations on the volcanic islands visited during the voyage of H.M.S. Beagle, together with some brief notices of the geology of Australia and the Cape of Good Hope*. London: Smith, Elder and Co., 1844. 8vo. With the folding map entitled “A plan of the Island of Ascension”. Original publisher’s purple cloth. **First edition.** “Darwin’s study of the volcanic islands visited during the Beagle voyage was based on a wide range of rock and mineral specimens, including his own, and considerable research into contemporary theories of volcanic activity, mountain formation, and the elevation of extensive tracts of land relative to the sea.”

(Offered with) *Geological observations on South America*. London: Smith, Elder and Co., 1846. 8vo. With 1 folding map and 5 folding plates. Original publisher’s cloth; an excellent copy. **First edition.** Darwin was able to interpret the geology of South America according to Lyell’s principles, and his book offered the first adequate geological investigation of the continent. He also worked out an accurate model for fossil formation, from which he demonstrated the erratic and incomplete nature of the fossil record. 

$ 75,000.00

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**THE FOUNDATION OF MODERN METEOROLOGY**

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**GEOLOGY OF THE VOYAGE OF THE BEAGLE**
A UNIQUE AND AMAZING COPY

16. DICKENS, Charles. *A Christmas carol*. London: Chapman & Hall, 1843. 8vo. Title page printed in red and blue, and half title printed in blue. With 2 pages of author’s additional works, 4 inserted hand-colored steel-engraved plates and 4 black and white text wood-engravings. Elaborate green morocco by Sangorski & Sutcliffe, original publisher’s cloth binding bound in on 3 separate leaves, all edges gilt. Tipped in is a thick leaf with an exquisite hand-colored pen and ink illustration by Alberto Sangorski with an illuminated initial of a London street scene (To Edmund) dated Christmas, 1908. Fly-leaf signed by Francis Sangorski, George Sutcliffe, and the well-known London bookseller Walter Spencer who was friends with Dickens. First edition, first issue, with all first issue points. One of Dickens’ most acclaimed works, capturing of the zeitgeist of the Victorian-era revival of the celebration of the holiday. $35,000.00

PRESERVED CYCLOSTYLED SETS OF MATH PROBLEMS WITH DODGSON’S MANUSCRIPT CORRECTIONS

17. DODGSON, Charles L. (CARROLL, Lewis). 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. This work consists of 18 formulae corresponding to the topics in section L of the pamphlet *A Guide to the Mathematical Student in Reading, Reviewing, and Working Examples.*
LOGIC TEXTBOOK FOR GENTLEMEN


**Fifth edition.** Designed for young gentlemen at university to pave the way for their study of philosophy and mathematics, Duncan discusses the rise, progress, and nature of human language; the grounds of human judgment; reasoning and demonstration; and the methods of invention and science, and how all of these affect and contribute to the increase of knowledge.

$300.00

CHARLES I, A SUFFERING MARTYR

19. GAUDEN, John. *Eikon basilike. The portraiture of His Sacred Majesty in His Solitudes and Sufferings With the Addition of his Majesties Prayers; and His Reasons against the jurisdiction of the High Court of Justice.* [London]: 1649. 12mo. Folding engraved frontispiece of the king in prayer and engraved portrait of the Prince of Wales. Contemporary calf; inscriptions and annotations in at least 4 different hands.

One of nearly fifty editions printed in 1649, as early as ten days following the beheading of Charles I on January 31. Even though Cromwell and Parliament had succeeded in dismantling the monarchy, the execution of Charles I was met with disapproval and protest. This work presents the king as a suffering martyr, as emphasized in the engraved frontispiece. This copy contains interesting inscriptions from the early to mid-1700s, notably that of a young Anna Vyvyan (born c. 1700), daughter of Sir Richard Vyvyan, 3rd Baronet and Dame Mary Vyvyan in Cornwall.

$1250.00
GÖDEL’S PROOF

20. GÖDEL, Kurt. “Über formal unentscheidbare Sätze der Principia Mathematica und verwandter Systeme I.” Offprint from Monatshefte für Mathematik und Physik, XXXVIII, Band I. Leipzig: Akademische Verlagsgesellschaft, 1931. 8vo. Original printed back wrapper; front wrapper in facsimile. First edition of the first printing of Gödel’s Proof, the single most celebrated result in mathematical logic. In this legendarily rare paper (On Formally Undecidable Propositions or his Incompleteness Theorem) Gödel proves that arithmetic is incomplete, that in any consistent formal system able to describe simple arithmetic there are propositions that can be neither proved nor disproved on the basis of the system. Accepted by all mathematicians, these propositions have revolutionized mathematics, showing that mathematical truth is more than logic and computation. $45,000.00

OPTICS EASILY EXPLAINED

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

CLASSIC OF AMERICAN LITERATURE

22. HAWTHORNE, Nathaniel. The scarlet letter. Boston: Ticknor Reed and Fields, 1850. 8vo. Title in red and black with publisher’s ads dated March 1, 1850. Original blind-stamped brown cloth with gilt lettering on spine. A superb copy, possibly re-cased and preserved in a morocco clamshell box with a scarlet “A” applique on front cover. First edition, first issue of one of the great classics of American literature with all first issue points. Printed in a limited edition of 2500 copies. $7500.00
23. HILL, John. *The British herbal: an history of plants and trees, natives of Britain, cultivated for use, or raised for beauty.* London: printed for T. Osborne and J. Shipton, 1756. Folio. Engraved frontispiece, “The genius of health.” With 75 full-page copper-plate engravings. Contemporary full calf; interior in excellent condition. **First edition**, a continuation of Hill’s previous work *The useful family herbal* (1754) which was primarily an instructional manual for the public regarding botany and the uses of plants, roots, and herbs. Hill here focuses on descriptions of plants, both their physical properties and their medical uses, for the benefit of an amateur botanist. The exquisite plates contain numerous figures of finely engraved plant specimens with their corresponding names. **$ 3500.00**

24. [HOOKE, Robert, ed.]. *Philosophical collections, containing an account of the physical; anatomical, chymical, mechanical, astronomical, optical, or other mathematical and philosophical experiments and observations as have lately come to the publisher hands.* . . . London: [John Martyn], Moses Pitt, and Richard Chiswell, 1679-82. Seven issues (all published) in one volume. 4to. With 7 engraved plates. Contemporary marbled boards. **First edition** of the complete seven issues of the *Philosophical collections*, printed in a very small edition, and now exceptionally rare. The death of the Royal Society’s secretary, Henry Oldenburg, in 1677 interrupted the publication of the *Philosophical transactions*. This journal, edited by Hooke, was issued to fill the void until it resumed again (after the seven issues) in 1682. Included are contributions by Hooke, as well as Leeuwenhoek’s announcement of the “discovery of spermatozoa,” Lana’s “flying chariot,” Tyson’s *Anatomy of a porpess* (sic), and astronomical observations by Hevelius, Flamsteed, and Cassini on the eclipse of Jupiter by the moon in 1679 and 1681. In addition, discoveries by Moxon, Malpighi, Thomas Burnett, Edmund Halley, Bernoulli, and Leibniz are included. **$ 24,000.00**
CLARENDON'S ATTACK ON HOBBES’ LEVIATHAN


First edition of Clarendon’s famous attack on Hobbes’ *Leviathan* which he claimed favored the domination of the usurping government that overthrew the king. Over half of Clarendon’s book treats Hobbes’ religious and political views on sedition, treason and impiety found in *Leviathan.* Even though Clarendon actually shared some of Hobbes’ views, it should be noted that Clarendon claimed Hobbes to be “so ignorant of the law and constitution of England that he was incompetent to judge political affairs.”

$1250.00
COLORFUL ARCHITECTURAL RENDERINGS OF PARISIAN MANSIONS


First edition, very rare; a much more common second edition was printed three years later. This work contains a series of architectural plates representing facades, plans and sections with indications of measurements, finely drawn and printed in color. The plates additionally serve as a history of French architecture and design detailing the styles from the sixteenth century to the nineteenth century.

$2,500.00
THE LOGICAL MACHINE

27. JEVONS, William Stanley. *The principles of science: a treatise on logic and scientific method*. London: Macmillan & Co., 1874. Two volumes. 8vo. Frontispiece woodcut of the author’s logical machine and text diagrams. Full calf prize bindings inscribed to John Stevenson by Professor Henry E. Roscoe. **First edition** of the author’s most valuable contribution to logic and methodology containing practically all of the author’s fundamental ideas on logical doctrine, including his investigation of the principles of pure logic, his analysis of induction, and his discussion of the theory of probability and the relation between probability and induction. The “logical piano” is a fascinating device invented by Jevons that allowed the reduction of logical operations to a simple mechanical routine. Although this machine was first introduced in 1870, some of its features can be traced in modern computer designs.

§ 1500.00
28. JONES, David. *A journal of two visits made to some nations of Indians on the west side of the River Ohio, in the years 1772 and 1773... with a biographical notice of the author, by Horatio Gates Jones*. New York: Reprinted for Joseph Sabin, 1865. 8vo. Contemporary half calf and marbled boards; overall an excellent copy. Presentation from Horatio Gates Jones dated August, 1866, to Hon. John Russell Bartlett, Secretary of State of Rhode Island. Bound in is a letter from Jones to Bartlett (see below), and Bartlett’s signature on title as well as a 1902 bequest bookplate from Bartlett to the Rhode Island Historical Society. **First edition** of this reproduction of Jones’ own journal originally printed in 1774. Only 250 copies were printed, 50 on large paper, of which this is No. 37. A fascinating account of a trip made by Jones and others to Ohio in order to bring the word of God to the heathen Delaware and Shawnee Indians. Of particular interest is the letter bound in from Jones to Bartlett dated September 7, 1868, stating in part: “I regret very much that a book which I designed for you - and which I sent you - in the year 1866 - was never delivered to your address... It is an exact reprint of a journal of my grandfather - the Rev. David Jones - of his visits to the Indians in 1772-3...”

[$ 550.00 ]

29. KANE, Robert John (Sir). *Elements of practical pharmacy*. Dublin: Hodges and Smith, 1831. 8vo. With 5 folding plates. Original boards. **First edition** of this extremely rare and important work by Kane (1809-1890), known as the “boy professor” as well as the “most famous Irish chemist,” who was elected to the Royal Irish Academy at the age of 22 years on the strength of this book. Intending to “fill up that space which exists between the mere details of the processes in a pharmacopoeia and the theoretic explanations of their nature,” the author treats pharmaceutical operations in which bodies are mechanically divided, separated and mixed.

[$ 5500.00 ]
30. LINCOLN, Abraham. Proclamation of Thanksgiving. [Massachusetts: n.p., 1863]. Broadside. 28 x 20 inches. Mounted on cloth, expertly framed. **First printing** of the first proclamation of Thanksgiving as a national holiday. Produced in Massachusetts, the top part contains Governor John A. Andrew’s announcement of Lincoln’s Proclamation dated July 27, 1863, and the bottom is Lincoln’s actual proclamation dated July 15, 1863, announcing that August 6 shall be set aside as a National Day of Thanksgiving. This proclamation was the first time that the holiday would be celebrated on a set day nationwide. Later the same year Lincoln made a second proclamation changing the date to November. $18,500.00

31. LLOYD, David. Memoires of the lives, actions, sufferings, & deaths of those noble, reverend, and excellent personages, that suffered death, sequestration, decimation, or otherwise, for the Protestant religion. . . . London: printed for Samuel Speed, 1668. Folio. Engraved frontispiece with portrait of Charles I surrounded by smaller portraits of 18 loyal subjects. Contemporary calf; from the library of William Nisbet of Dirleton with his armorial bookplate. **First edition** of one of Lloyd’s most famous works. *Memoires* follows exactly the contemporary royalist narrative that viewed Charles I as an Anglican saint and martyr for the continued joining of church and state. $550.00
32. MANNI, Domenico Maria. *Degli occhiali da naso inventati da Salvino Armati gentiluomo fiorentino, trattato istorico*. Florence: Stamperia d'Anton-Maria Albizzini, 1738. 4to. Title in red and black with a charming engraved title vignette. Contemporary vellum-backed marbled board; an excellent copy with very wide margins. **First edition** of one of the first books on the history of spectacles. Manni (1690-1788) was a great Florentine historian and scholar. With great pride in the history and historical culture of Florence, he here discusses the invention of eyeglasses by Salvino degli Armati (d. 1371), a discovery on par with the improvement of the telescope by Galileo, the works of Michelangelo, and other achievements by notable Florentines. He describes the various types of lenses (concave, plano, and convex) and their use in magnifying objects. The basis of Manni’s claim giving credit to Armati turns out, unfortunately, to be completely false; Armati was but a humble artisan, and that the term “inventor” did not exist in Florentine vernacular during the fourteenth century. Manni’s book certainly helped to perpetuate the claim, however; until recently Armati’s portrait and a plaque honoring him as inventor of the spectacles were publicly displayed in Florence. $1500.00
FROM THE LIBRARY OF THE FIRST MAYOR OF BOSTON

33. MASSACHUSETTS COLONY. The charter granted by their Majesties King William and Queen Mary to the inhabitants of the province of Massachusetts-Bay in New England. Boston: Printed by B. Green, for Benjamin Eliot, 1726-1731. Folio. Contemporary calf, rebacked. Contemporary annotations and ownership inscriptions, including that of John Phillips, the first mayor of Boston from 1822-1823.

First edition. This Charter was first enacted on May 14, 1692 and severely curtailed the Colony’s autonomy. Of significance is that this text includes the “Explanatory Charter” issued by King George in January 1726, printed here for the first time, which went even further in limiting the Colony’s independence. The King increased the power of the Colony’s governor giving him control over the House of Representatives and the right to veto the nomination of Speaker.

$ 9500.00


First edition. May, secretary of the newly established Long Parliament, was commissioned to write this history. An ardent supporter of the Parliament and armed with his extensive knowledge of classical sources, he painted the Stuarts as the destroyers of England. He begins with the reign of Elizabeth I and ends with the siege of Gloucester, where the Parliamentarian army soundly defeated the Royalist forces of Charles I.

$ 550.00

**Fourth octavo edition.** The first folio edition was issued between 1838 and 1844 and the first octavo edition between 1848 and 1850. This popular book is an incredibly important and early work of Native American history, anthropology, and ethnography. The text and images include descriptions of the Sauk, Ojibway, and Chippewa as well as the Seminole, Creek, and Cherokee. Among the biographical sketches are those belonging to chiefs Red Jacket, Black Hawk, and Keokuk. Most importantly, the three volumes preserved the biographies and cultures of rapidly disappearing peoples for future generations.

$15,000.00
PARTY IN INDIA


First edition. This book is a lively account, profusely illustrated, of the Durbar – celebrations in Delhi on the occasion of the coronation of King Edward VII. The book also includes a description of the artist’s voyage to India for the celebrations, and praise of Lord Curzon as Viceroy of India.

$ 250.00

First edition, rare, of the author’s first work of mathematics. This is a reissue of the title, the only difference being the words “in two books” appearing on line 2 instead of line 5 (our copy also contains a cancel title of first issue; see ESTC). This is Moore’s celebrated work in which he provides a short introduction to mathematics and proceeds to explain in detail various aspects, always utilizing practical applications. $12,000.00

38. MORYSON, Fynes. *An itinerary written by Fynes Moryson Gent.* … containing his ten yeeres travel through the twelve dominions of Germany, Bohmerland, Sweitzerland, Netherland, Denmark, Poland, Italy, Turkey, France, Englan, Scotland and Ireland. . . . London: John Beale, 1617. Folio. Recent calf in an antique style. A presentation inscription on the title page reads: “Ex dono Caroli Pym Equitis Aurati” which is most likely Sir Charles Pym (1615–1671), the son of the Parliamentarian John Pym (1584–1643). Annotations could be those of John Pym, who would no doubt have been interested in Moryson’s rendering of the 1584 Tyrone rebellion in Ireland, as he was fervently anti-Catholic, believing that “Popery shouyld never be tolerated there” (in Ireland). Also the bookplate of Francis Money-Coutts (1852–1923), 5th Baron Latymer, a London solicitor, poet, librettist and wealthy heir to the fortune of the Coutts banking family.

First edition of one of the most famous and fascinating early travel accounts, one of the great seventeenth-century works of its kind. Moryson singles out all the “monuments in each place, worth the seeing.” A perceptive traveler, as an example he appreciated how war, in this case the French wars of religion, could exercise an inflationary effect on prices. He gives detailed accounts of his travel expenses, including the cost of inns, food, costumes, as well as the values of coins. And he eloquently boasts of his skill at outwitting thieves. The second part of the work is given over to the rebellion of Hugh O’Neill, Earl of Tyrone, who led the resistance against the English forces seeking to subdue Ireland during the Nine Years’ War. $4000.00

39. MOXON, Joseph. *The use of the astronomical playing-cards, teaching any ordinary capacity by them to be acquainted with all the stars in heaven, to know their place in heaven, colour, nature, and bigness. As also the poetical reasons for every constellation, very useful, pleasant, and delightful for all lovers of ingeniety.* London: Joseph Moxon, 1676. 12mo. Contemporary calf. From the library of Harrison D. Horblit and the Fox Pointe Collection of Dr. & Mrs. H.R. Knohl.

First edition. This is the instruction booklet for learning how to find all the major stars and constellations by using a set of cards which Moxon invented. The cards are divided into four suits (Spring, Summer, Autumn and Winter) and are utilized in accordance with the position of the sun. The cards themselves are virtually non-existent with the British Museum having only one incomplete and defective set. $8500.00
CONTAINS IMPORTANT ADDITIONS AND CORRECTIONS
THE MOST WIDELY-READ EDITION OF THE PRINCIPIA


First Amsterdam (Continental) edition of Newton’s epic work. It is in this edition of the Principia that Newton’s famous additions to the theory of the motion of the moon and the planets appear. This was likely the most widely-read edition, being the first available to everyone outside of Britain and America. $16,500.00

41. NEWTON, Sir Isaac. The method of fluxions and infinite series; with its application to the geometry of curve-lines. London: Henry Woodfall for John Nourse, 1736. 4to. Engraved frontispiece, interpolated leaf [143-144], and errata leaf. Paneled sprinkled calf in a contemporary style; a large paper copy with very wide margins, a few contemporary annotations.

First edition of Newton’s treatise on the calculus, a work of great importance and rarity. Fluxion is Newton’s term for derivative. Ready for publication in 1671, it was not until 1736 that Method of fluxions was finally published in the present English translation. $65,000.00
42. PARIS, John Ayrton & FONBLANQUE, J.S.M. Medical jurisprudence. London: W. Phillips, et al, 1823. Three volumes. 8vo. Complete, with the Index of Cases bound at the end. Half-calf over marbled boards; an excellent copy. **First edition** of the first authoritative treatise in English on medical jurisprudence. In the introduction, the authors point out the great need for a comprehensive work in English on the subject -- explaining that the public and judicial distrust of medical evidence had prevented further advances in the field. They provide a summary of professional medical teaching institutions, their powers and privileges, as well as a discussion of circumstances in which medical evidence may be required in a trial. $ 750.00
ILLUSTRATED AMERICAN GEOLOGY


First edition. Owen surveyed an 11,000 square mile area in Wisconsin and Iowa, where he identified the rich mineral reserves, including ores of lead and zinc which were limited to the magnesian limestone. His pictured geological sections are unequalled for their artistic beauty. An important work on early American geological exploration.

$ 450.00

44. PARISOT, Séb[astien]-Ant[oine]. Traité du calcul conjectural, ou l’art de raisonner sur les choses futures et inconnues. Paris: Bernard, etc., 1810. 4to. With 2 folding engraved plates illustrating board and other games. Original wrappers. A wonderful, uncut copy with the contemporary annotation on title: (translated) “very clever man forgotten, probably because it was small” referring to the number of copies printed.

First and only edition of this rare work on mathematics and probability. The author treats the probability theories of Bernoulli, de Moivre, Montmart, Fermat, Pascal, Ozanam, and others, detailing their strengths and errors. Parisot also develops his own theories of probability with specific applications. The first part treats pure mathematics and game theory, with applications to cards, tokens, tickets and random numbers; the second part deals with other games of chance and details the martingale betting strategy which is a model of a fair game where no knowledge of past events can help to predict future winnings; the third part applies probability theories to various issues of political economy and commercial transactions such as loans, mortality rates, and annuities. The final part contains a broader discussion on the solution to curious and recreational issues, including an analysis of works by Huygens, Descartes and Newton.

$ 8500.00
**IF YOU LOVE BEER**

45. PASTEUR, Louis. *Studies on fermentation, the diseases of beer.* London: Macmillan & Co., 1879. 8vo. Illustrated with 12 full-page engraved plates and 85 wood engravings. Later green cloth. **First English edition** of Pasteur’s landmark treatise on microbiotic contamination of beer. First published in French three years earlier, this guide details the causes and nature of micro-organisms that spoil beer during and after the fermentation process. The decade prior, Pasteur had patented the pasteurization process for use with wine, but it quickly became a method for extending the shelf life of milk and beer as well. This book suggests an entirely different approach to making beer, wherein the brewer employs air-tight tanks and bacteria-resistant materials so that contamination never occurs. $250.00

**EXQUISITE CHROMOLITHOGRAPH ILLUSTRATIONS OF ISLAMIC ART AND ARCHITECTURE**

46. PRISSE D’AVENNES, Achille-Constant-Théodore-Émile. *La décoration arabe … extraits du grand ouvrage l’arte arabe.* Paris: J. Savoy & Cie, 1885. Folio. With 110 [i.e. 98] plates (12 are double-page and counted as 2) of lithographs and chromolithographs. Morocco-backed marbled boards. **First edition,** an addendum to Prisse D’Avennes’ monumental four-volume *L’art arabe,* this is a somewhat scaled down version featuring 98 plates (86 chromolithographs and 12 in black and white). The plates include ruins and architecture, and also depict the quotidian aspects of Islamic life like carpets, textiles, and metalwork. The intricate geometric patterns and sinuous, vegetal designs seen in Islamic art and architecture are rendered in extraordinary detail and vibrant color. Importantly, there are also reproductions of Korans and illuminated manuscripts that teaches the reader about the religious and cultural aspects of Islam. It continues to be an invaluable resource for architects, artists, historians, archaeologists, and anthropologists today. $4500.00
HAIR STYLE AS A POLITICAL AND RELIGIOUS TOOL

47. PRYNNE, William. *The unlovelinesse, of love-locks. Or, a summarie discourse, prooving: the wearing, and nourishing of a Locke, or love-locke, to be altogether unseemly, and unlawful unto Christians. In which there are like wise some passages collected out of fathers, counsellors, and sundry authors, and historians, against face-painting; the wearing of supposititious, poudred, frizled, or extraordinary long hair; the inordinate affectation of corporal beauty …* London: [n.p.], 1628. 4to. Dark blue morocco with gilt tooling along border.

**First edition.** The lovelock, a popular fashion among men from the end of the sixteenth century, was a long lock of hair that was usually braided and draped over one shoulder in the chivalrous tradition in which knights carried locks of hair from their loved ones. As a staunch Puritan, Prynne considered the lovelock as “unseemly and unlawful” for Christians. He was also disapproving of women with short hair saying it was “mannishe, unnatural, impudent, and unchristian.” The lovelock was popular among European nobility including Charles I, so Prynne’s stance on the hairstyle as well as other fashions like makeup was essentially a critique on the rampant vanity among the court. The braid even became a defining characteristic of Royalists during the English Civil War.

$1500.00

HISTORY OF THE WORLD

48. RALEIGH, Sir Walter. *The history of the world, in five books.* London: Printed for G. Conyers, J.J. and P. Knapton, 1736. Two volumes. Folio. Engraved frontispiece portrait and 7 folding engraved maps plus the Trojan genealogical chart. Contemporary blind-tooled calf. Inscription of Samuel Knight on title of both volumes; Knight (c. 1677-1746) was an author of biographies of John Colet and Erasmus, manuscript collector, Church of England clergyman, antiquarian, one of the “revivers” of the Society of Antiquaries in 1717 and a member of the distinguished Spalding Gentlemen’s Society.

**Eleventh edition, first published in 1614.** The first part consists of William Olyds’ *Life of Walter Raleigh*, including a record of his trial. The main portion of the text contains five books, the first two primarily bibilical history, including creation and a discussion of the Babylonian, Assyrian, and Macedonian empires up to the year 146 BCE, and the remaining three on Greece and Rome. More than a chronology, Raleigh also uses *The history* to discuss philosophical matters like providence and free will.

$2500.00
INTERESTING MARBLED SHEEP BINDING

49. RIDLEY, Humphrey. Observationes quaedam medico-practicæ inter quas aliquanto susiûs agitur de asthmate et hydrophobia. London: Jacob Tonson, 1703. 8vo. With an engraved plate of the fetal heart. A fascinating binding of marbled sheep. First edition of Ridley’s rare publication containing clinical observations of thirty-six disorders including hydrophobia, asthma, irregular menstruation, colic, etc. In addition, he describes ten cases of dissection of morbid bodies, as well as an important illustrated essay on a fetal heart. The author was a skilled anatomist and an exceptional clinical observer. $1950.00

ORIGINAL OFFPRINTS OF THE INVENTION OF X-RAYS

50. RÖNTGEN, Wilhelm Konrad. “Eine neue Art von Strahlen.” Original printed yellow wrappers, with ownership signature on front wrapper. (together with) “Eine neue Art von Strahlen. II. Mittheilung (Fortsetzung und Schluss).” Original orange printed wrappers. Original offprints from Sitzungs-Berichten der Physikalisch-medicinischen. Würzburg: Stahel, 1895; 1896. Two separate papers. 8vo. First edition of the first published reports on the sensational discovery of X-rays -- a form of light invisible to the eye which had never before been observed. Röntgen was awarded the first Nobel Prize in physics in 1901. $15,000.00
“CLOSE ‘EM UP” -- THE HISTORY OF SURGICAL SUTURES

51. RHODIUS, Johannis [RODE]. De acia dissertatio ad Cornelii Celsi mentem. Padua: Frambotti, 1639. 4to. With 7 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. The six pages of ancient and contemporary authorities are of special interest, as are the illustrations of the various sutures with notes on the collections from which they were copied. Among a few of the numerous authors cited are Aldus Manutius, Agricola, Fabricius, Fallopius, Fuchs, Eustachius, Spigelius, Tagliacozzi, and Vesalius. $1000.00

First edition. Rothschild, with Keulemans’ exquisite plates, again outdoes himself. Rothschild was obsessed with the cassowary, a giant flightless bird with a colorful neck native to Papua New Guinea and the surrounding islands. He invested huge amounts of money in bringing the species over to England in order to study their habits, plumage, and behavior. In this monograph Rothschild describes in minute detail all species and subspecies, local names, measurements, distribution, bibliography, and all other pertinent information such as the anatomical and taxonomic information. This one is considered one of the most important as well as magnificent and beautifully illustrated monographs published by the Zoological Society.

$4500.00
THE FATHER OF AMERICAN ENTOMOLOGY


First edition of the first substantive North American book on insects, important for the author’s brilliant observations and his descriptions of generic and specific characteristics. The illustrations are mainly based on observations taken from nature in the course of various expeditions to the South, the Rocky Mountains, the Minnesota River Basin, and Mexico.

$ 5000.00
THE HEALTH, CARE AND TREATMENT OF ELEPHANTS

54. SLYM, Martinus Johannes. *Elephants and their treatment in health and disease*. Moulmein [Mawlamyine, Myanmar]: [for the author], 1878. 8vo. With 15 plates and text illustrations. Contemporary brown morocco with elaborate gilt “Orientalist” design bound by Higginbotham & Co. in Madras. An excellent copy. Ownership inscription on first blank by Mountstuart Elphinstone Grant-Duff (1829–1906) who served as Undersecretary of State for India (1868–1874) and the Colonies (1880–1881), and then the governor of Madra (1881–1886).

Very rare and uncommon first edition, virtually a new work following an earlier and much shorter printing issued in 1873. The Conservator of Forests in British Burma requested a more elaborate and complete text in order to find the “cause of the high mortality rate of the Government’s elephants.” The Department of Forests sought to create a more sustainable method of harvesting teak, and elephants, the main source of transportation in the area, played a crucial role. Slym provides meticulous detail concerning the anatomy and pathology of diseases to which the elephant is most susceptible. He also includes cures for common ailments and how to administer them as well as how to maintain the overall health of the animal. There are specific instructions for breeding and feeding.

$ 15,000.00
55. TYMMS, W.R. [William Robert] & WYATT, M. Digby. *The art of illuminating as practised in Europe from the earliest times*. Illustrated by borders, initial letters and alphabets. Selected and chromolithographed by W.R. Tymms with an essay and instructions by M.D. Wyatt. London: Day and Son, April 2, 1860. 4to. Chromolithograph frontispiece and colophon, text within red borders, 99 chromolithograph plates. Elaborately decorated gold-tooled binding. **First edition** of Tymms and Wyatt’s history of illumination and calligraphy. They cover these arts from the sixth through sixteenth centuries. Wyatt’s introduction serves as a concise survey of the history of the manuscript arts and Tymms’s curation of exemplars of borders, initials, and alphabets from manuscripts make up the exquisite chromolithographed plates. $600.00
THE BEGINNING OF MODERN ILLUSTRATED MEDICINE

56. VESALIUS, Andreas. *De humani corporis fabrica*. Basel: Joannem Oporinum, 1555. Folio. With the famous woodcut title, portrait of Vesalius, 23 full-page and approximately 180 cuts in the text. Complete with the 2 folding plates. Modern full calf in a contemporary style. This second edition contains Vesalius’s final revision of the text, along with significant typographical improvements, corrections and additions. This epoch-making work is the first modern treatise on anatomy based upon dissections of the human body. $110,000.00

PREPARATION FOR THE CENTENARY OF THE DEATH OF VOLTA

57. Voltiana. *A cura del comitato esecutivo per le onoranze a Volta nel primo centenario della morte*. 1827 – 1927. Como: Arti Grafiche Bari & Co., February-November 1926. Eight issues. 8vo. In the original printed wrappers; an excellent set. Voltiana was issued monthly in 1926 one year before the centenary of Volta’s death. A committee was formed to handle preparations of the commemoration under the patronage of King Vittorio Emanuele III. Benito Mussolini was the President of the Honorary Committee and Guglielmo Marconi was the Director. Villa Olmo, in Como, hometown of the scientist, was elected as the venue for the celebrations that took place in 1927 from May to June. Each issue contains interesting articles on science and art related to Volta and his home during his life. The first article deals with Volta’s iconography, followed by an explanation on his invention of the battery. The magazine contains accounts on Como, including the history of silk textile factories and a description of Villa Olmo. $350.00
HISTORY OF ILLUMINATED BIBLES

58. WESTWOOD, J[ohn] O[badiah]. Paleographia sacra pictoria: being a series of illustrations of the ancient versions of the Bible, copied from illuminated manuscripts, executed between the fourth and sixteenth centuries. London: Published by William Smith, 1843-1845. Large 4to. With 50 chromolithograph plates, each with between 3 and 7 pages of explanatory text. Red morocco with elaborate gold tooling on covers, spine and edges, gilt dentelles, gauffered edges; some foxing in the text, especially the preliminary leaves.

First edition. Westwood set out to show how every nation produced the Scriptures in their “mother tongue” throughout the. In his text and plates, he desired to demonstrate the longevity and beauty of the Christian religion and its most sacred text in all languages and with reproductions of alphabets, initials, and miniatures in precise and vibrant color and gold highlights.

$ 1250.00
AUTHOR'S PRESENTATION OF A MATHEMATICAL MASTERPIECE

59. WHITEHEAD, Alfred & RUSSELL, Bertrand. Principia mathematica. Cambridge: University Press, 1910-1913. Three volumes. Large 8vo. Complete with all half-titles and errata. Original blue cloth. Volumes 1 and 2 with Whitehead’s presentation note on the first blank, “S.M.W. from A.N.W.” First edition of all three volumes, the greatest single contribution to logic to appear in the two thousand years since Aristotle. Inspired by the invention of a new ideography for use in symbolic logic (which contradicted the Kantian doctrine of a separate philosophy of mathematics), the authors attempted to set up a still better system of logic on which to base mathematics. This set is now considered a historic masterpiece of mathematical architecture.

$125,000.00

EXCEPTIONAL ILLUSTRATIONS IN AN EXCEPTIONAL BINDING

60. WYATT, M. Digby. The industrial arts of the nineteenth century. A series of illustrations of the choicest specimens produced by every nation at the Great Exhibition of Works of Industry, 1851. London: Day and Son, Lithographers to the Queen, 1851-1853. Two volumes. Folio. With 2 chromolithograph titles plus 158 chromolithograph plates; each plate is followed by 2-4 pages of text. Lavishly bound by David Batten in green morocco with gold-tooled design, pink silk endpapers and paste-down with gilt-decorated doublures, a.e.g., green silk markers. Complete and in excellent condition, a large paper copy from the library of Livingston Ludlow Biddle (1877-1959) with his bookplate and ownership signature of W.C. Lewell, Eaton House.

First edition of this rare illustrated catalogue from the Great Exhibition of Works of Industry. The chromolithographs depict Wyatt’s selection of items displayed at the Exhibition in 1851. These include a wide range of objects from around the world such as machine-made lace and electo-plated metalwork as well as more traditional decorative arts like enamels and textiles. This copy was bound by David Batten, a printer whose family’s shop in Clapham Common dated back to the 1740s.

$2500.00
COMPLETE IN THE ORIGINAL PARTS

61. WYTSMAN, P[hilogene Auguste Galilee]. *Genera avium*. Brussels: V. Verteneuil & L. Desmet, 1905-[-1914]. Twenty-six parts. 4to. With 43 fine chromolithographic plates, many finished by hand-coloring. All 26 parts in their original printed wrappers and in excellent condition. **First edition.** This is the complete set of serial monographs on various groups of birds, with contributions by leading British and European ornithologists such as Sclater, Bowdler Sharpe, Ogilvie-Grant, Hartert, Hellmayr, Salvadori, and others. The magnificent color plates after paintings by Keulemans and Grönvold include 11 stunning illustrations of parrots. The text consists of a brief general account of each family, in regard to its relationships and technical history, keys to the genera and species, with their principal synonymy and geographical distribution. The work will thus be of great convenience and value as a synopsis of the birds of the world. $1650.00