B & L ROOTENBERG - Rare Books & Manuscripts
A SELECTION OF BOOKS
EXHIBITED AT THE CALIFORNIA ANTIQUARIAN BOOK FAIR
BOOTH 317—February 9–11, 2018
1. AIRY, George Biddle. *Encyclopaedia Metropolitana. Scientific Department. Trigonometry. On the figure of the earth. Tides and Waves*. [London]: [n.p., ca. 1845]. 4to. With 11 plates. Contemporary polished calf. Bookplate of the University of Glasgow, with the presentation signature of William Thomson (later Lord Kelvin) dated 1857. First book edition of Airy's contributions to the *Encyclopaedia Metropolitana*. The first work consists of a straightforward course on basic and advanced trigonometry; the second article on the figure of the earth, one of his most famous papers, describes various methods of measurement, treats pendulums, and discusses the determination of the earth’s mean density; the final work on tides and waves reveals the various theories and explanations of tides and details experiments related to waves.

Sold

2. [ANONYMOUS]. *Merda est salus hominis. . . .* [Manuscript]. [Italy, 19th century]. 8vo. Engraved frontispiece. Contemporary black roan. With the bookplate of Roberto Gabbani engraved by Costante Costantini. A discourse in the form of a mock-address to an educated and learned public of women. The author is inspired to write this praise after he had accidentally stepped onto a pile of excrement. He addresses the ladies and in the first part theorizes the ancient and noble origins of defecation, from the beginning of time with Adam and Eve. The second part is devoted to the usefulness and benefits of excrement: it’s healthy, nourishes the trees and the soil, and provides work to those that transport it from cities to villages. The author ends his tribute talking to poop directly, suggesting it not blame humans that don’t appreciate it.

$ 5500.00
RENAISSANCE CHRONICLE OF THE WORLD

3. ANTONINUS of FLORENCE [PIEROZZI, Antonio]; GRADI, Jean (editor). Opus excellentissimum hystoriarum seu cronicarum Reuerendissimi in Chr[ist]o Patris ac d[om]ni. . . . Lyon: [Nicolaus Wolff, March 27, 1512]. Three volumes. Folio. Two columns, 69 lines, red rubricated pen initials throughout, Lyon's coats of arms on title. Contemporary calf over wooden boards. First edition of an early Renaissance chronicle spanning from creation through the fifteenth century. The scope includes major Christian events from the Old and New Testaments such as the life of Christ, the establishment of the Catholic Church, and persecutions of Christians by Roman emperors. This encyclopedic retelling of history perfectly captures the transition from medieval to modern in Italian historiography. Saint Antoninus (1389-1459) was a Dominican friar and eventual Archbishop of Florence. OCLC locates three copies in America.

$ 9500.00

THE PORT-ROYAL LOGIC

4. [ARNAULD, Antoine & NICOLE, Pierre]. Logic or, the art of thinking. London: Printed by T.B. for J. Taylor, 1696. 8vo. Contemporary calf. Third edition in English, first printed (in French) in 1662 and in English in 1685, of the most celebrated and influential seventeenth-century treatise on logic, better known as the Port-Royal logic because the authors belonged to the sect of Jansenists who had their home at the convent of Port-Royal. The work deals with concept (idea), judgment, reasoning and method, with an interesting argument against negative numbers, later acknowledged by Leibniz. It has also been seen as a foundation work in probability theory, specifically in its attempts to axiomatically organize a science and to show its logical structure, taking as a model geometry.

$ 1200.00
CELEBRATED WORK OF CLASSICAL MEDICINE

5. AURELIANUS, Caelius; ORIBASIUS, Pergamenus. Caelii Aureliani siccensis tardarvm passionvm libri V; Oribasii Sardi Iuliani Caesaris Archiatri Euporistion lib. III. Medicinae compen: lib. I. Curationum lib. I. Trochiscorum[œ] confect: lib. I. Basil: Henricus Petrus, 1529. Folio. Early calf over marbled boards. First edition of a rare work by Soranus of Ephesus (2nd century) translated from the Greek into Latin by the Roman physician Caelius Aurelianus (fifth century) representing an extraordinary source of the views and principles of the ancient Methodist School, the group of physicians that developed the distinction between chronic and acute diseases and their respective treatment. “From a clinical point of view, the two works of Caelius Aurelianus represent the high-point of Graeco-Roman medical achievement” (Garrison-Morton). It contains a very accurate description of epilepsy, including its comatose and convulsive forms, as well as a discussion on insanity (called mania by the Greeks). This edition also includes the Latin translation of excerpts from the writings of Oribasius of Pergamus, one of the most important medical figures of the Byzantine period. This treatise was written for the larger public as an easy and accessible source of knowledge on remedies of easy preparation (Euporista), and on nutrition and hygiene principles combined with references to a number of early medical authors (Galen, Hippocrates, and Dioscorides to name few). $4500.00

ATOMS AND MOLECULES -- WHAT'S THE DIFFERENCE?

6. AVOGADRO, Amedeo. Fisica de'corpi ponderabili ossia trattato della constituzione generale de'corpi. Torino: Stamperia Reale, 1837-1841. Four volumes. 8vo. Complete with half-titles, 18 folding plates, errata and all blank leaves. Uniformly bound in contemporary calf-backed marbled boards. An exceptionally fine and clean set. First and only edition of Avogadro’s major work, and the first systematic compendium of theoretical physics to be published in Italy. The famous hypothesis which bears his name provided the key to distinguishing between atoms and molecules. Avogadro’s law still governs chemical research, and is an indispensable aid in the determination of the molecular weights of many chemical compounds. $24,000.00
7. BAER, Karl Ernst von. *De ovi mammalium et hominis genesi epistolam ad Academiam Imperialem Scientiarum Petropolitanam.* Leipzig: Leopold Voss, 1827. 4to. With half-title, corrigenda, and 1 full-page hand-colored engraved plate. Contemporary half calf over marbled boards; a fine copy on bright white paper from the library of Tho. Wainwright. **First edition** of Baer’s famous discovery of the mammalian ovum, a classic in the history of embryology. “The notion that all animals come from eggs was pronounced by Harvey, and de Graaf proclaimed that the follicle named after him was really the mammalian egg. It remained for Baer to plot the course of ovulation and fertilisation from its later stages back to the ovary and there to identify the minute cell which was the ovum. These discoveries were published in the present paper” (PMM). Dibner, 196; Garrison & Morton, 477; Horblit, 9b; *Printing & the Mind of Man,* 288.  

$ 32,000.00

---

8. BERNOULLI, Jakob. *Ars conjectandi, opus posthumum.* Basel: Thurnisiorum, Fratrum, 1713. 4to. Contemporary pasteboards, marbled paper spine; an excellent uncut copy with wide margins. **First edition.** Bernoulli here uses the terms *a priori* and *a posteriori* to distinguish two ways of deriving probabilities: deduction without experience (*a priori*) is possible with some devices such as dice but otherwise it is possible to make a deduction from various observed results of similar events. “It is still the foundation of much modern practice in all fields where probability is concerned — insurance, statistics and mathematical heredity tables” (PMM).  

$ 30,000.00
THE FIRST FRENCH BOOK ON NAVIGATION

9. BESSARD, Toussaint de. Dialogue, de la longitude . . . Qui est, la première partie du miroir du monde: contenant, tous les moyens, que l’on pourroit avoir tenues, en la navigation, iusqu’à maintenat: que, les deux filles de cosmographie, asçavoir, geo-graphie, & hydro-graphie, en mettent un nouveau, & plus-sour, en avant: touchant le fait de cette longitude, tant par mer, que par terre. Rouan: Messgisier, 1574. 4to. Woodcut printer’s device on title, woodcut portrait of author, 20 text woodcuts, including illustrations of instruments. Nineteenth century vellum. First edition of this extremely rare treatise, the first work printed in France on navigation and one of the earliest attempts to determine longitude at sea. $ 65,000.00
KOBERGER'S MASSIVE LATIN BIBLE

10. BIBLIA LATINA. Biblia Latina. Nuremberg: Anton Koberger, August 6th 1479. Folio. Large illuminated capital and border, rubricated throughout, printed in double columns in Latin with versal letters in red and blue, a few contemporary annotations. A superb copy in early brown pigskin. The rare fifth printed Latin bible by Koberger, complete. The text includes the summary of the gospels by Menardus Monachus, who suggests helpful methods for studying the text. An ownership inscription on the incipit reveals the Bible was once held at the collegiate church of Glogau in Silesia, Poland, a town that experienced many historical upheavals including the Protestant Reformation and Nazi control during WWII. $ 100,000.00
FIRST EDITION OF THE KING JAMES BIBLE

11. [BIBLE; KING JAMES VERSION]. The holy Bible, conteyning the old testament, and the new: newly translated out of the originall [Greeke]: and with the former translations diligently compared and revised, By his Maiesties speciall commandement. Appointed to be read in churches. London: Robert Barker, 1611. Royal folio. Title page, the 2 leaves of the engraved map, and the final 2 leaves in excellent facsimile. Additional title page from a later edition bound in behind the facsimile. Gothic and Roman types, text double column with 59 lines per column. Contemporary calf boards, rebacked. Ownership annotation on the paste-down dated 1747 and small bookplate of W[illiam] T[homas] Smedley (1858-1920), the noted collector of Elizabethaniana and Bacon; his library was sold in 1924 to Henry Clay Folger, and the Folger library collection today includes nearly 1500 volumes formerly owned by Smedley. First edition, second issue/state, called the “she” Bible (because of the reading of Ruth III, 15: “she went into the citie”). In addition, because of the small hole in C6 (Matthew 26:36) it is impossible to tell whether the word Judas or Jesus is printed. Preparation of the Royal Version took more than 5 years and was laboriously attended to by over 50 translators and researchers. Although it appropriates much from the Tyndale, Coverdale, Geneva and Bishops’ Bibles, it is unquestionably regarded as the greatest literary translation of the Bible ever produced. $ 95,000.00
FIRST PRINTED BOOK ON METALLURGY

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

POETRY SOCIETY IN THE RENAISSANCE

13. Blondel, Antoine. *Opuscules*. Douai: Chez Jacques Boscare, 1576. 8vo. Contemporary calf, elaborate gilt embossing including a decorative lozenge on front and back covers inscribed “EN ESPERAT I DE CORTEVVILLE DESIRE FAICTIA CUIR M LXXVII,” spine in compartments with elegant gauffered edges. Overall a spectacular binding and copy of an incredibly rare work. **First and only (?) printing** of this compilation of poetry in French and Latin with some additional verses in Italian and Flemish, a rare and unique example of a humanistic pursuit. The first twenty-four pages offer humorous sonnets and verses by Antoine Blondel and authors involved with his local poetic society. Some of these poems lightly poke fun at Blondel and generally the various genres and forms of poetry. The volume is dedicated to Mademoiselle Marie d’Espino, who is either Philippette Christine de Lalaing (1454–1582), wife of Pierre de Melun (d. 1594), Prince of Epinoy; or Marie de Melun (d. 1634), daughter of Hugues de Melun (1520–1553), Prince of Epinoy, who married Lamoral (1563–1624), Prince of Ligne, a knight of the order of the Golden Fleece (*Souvenirs de la Flandre wallonne*, 50). Blondel was almost certainly the esteemed knight Antoine Blondel II (d. 1603), Baron de Cuinchy, Lord of Manicourt, Ghore, Villers-au-Bois, Saulchoy, Verquigneul, and Lambres. With regards to the inscribed binding, the name Corteville may refer to the Flemish Corteville (Courteville or Cortewille) family, suggesting that the book was previously owned by a member of that noble clan. No copies located in OCLC, and we have located only two extant copies (Douai Bibliotheque municipal and Versailles Bibliotheque municipal). $6000.00
MYSTICAL INTERPRETATION OF GENESIS

14. BOEHME, Jacob. *Mysterium magnum. An exposition of the first book of Moses called Genesis*. . . . London: M. Simmons for H. Blunden, 1654. Folio. Full calf in a contemporary style. First edition in English of Boehme’s masterpiece. His focus on the vision of the spiritual universe supports his detailed discussion of Genesis. This book became highly influential on generations of mystics, especially of the English school, where societies of Behmenites were formed. $ 6500.00

THE DISCOVERY OF PURE MATHEMATICS

16. 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 end of the book, preceded by the “Note.” Inserted is a 14-page publisher’s catalogue dated August, 1856, followed by a 2-page advertisement for Dr. Lardner’s Museum of Science and Art. Rebound in half-calf and marbled boards. First edition, possibly the first issue of this classic work on symbolic logic, now quite scarce, or otherwise possibly a variant issue altogether (see below). 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. The issue points are in question here as the book has been rebound. The first issue apparently finds the errata leaf at the end (as in this copy), but it is possible it could have been moved when the book was rebound. $ 6500.00

THE FOUNDATION OF MATHEMATICAL LOGIC

15. BOOLE, George. *The mathematical analysis of logic, being an essay towards a calculus of deductive reasoning*. Cambridge: Macmillan, Barclay, & Macmillan, 1847. 8vo. Original printed wrappers mounted onto boards. First edition of the author’s innovative and remarkable paper on symbolic logic, now exceptionally scarce. $ 18,500.00

MANUSCRIPT OF UNPUBLISHED VICTORIAN FARCE

17. BRAHAM, Captain Ward Soane. *The lay figure. An original farce in one act*. [London, ca. 1850]. 4to. 170 leaves on blue paper. Original vellum. An unpublished play about an artist who is afraid to make love. Braham (1824-77), an instructor of musketry in the Royal Berks Militia, was the youngest son of John Braham (1774-1856), considered the greatest English tenor and composer of all time, and the brother of Countess Frances Elizabeth Waldegrave (1821-79), wife of Lord Chichester Fortescue, Baron Carlingford (1823-98), who with his wife inherited Strawberry Hill. Braham was also a close friend of Edward Lear. $ 2500.00
KIWI (AND OTHER) BIRDS

18. BULLER, Walter Lawry. *A history of the birds of New Zealand.* London: John Van Voorst, [1887]-1888. Two volumes. 4to. With 48 hand-finished color lithographed plates by and after J.G. Keulemans, and 2 uncolored lithographed plates after J. Smit by E. Wilson, plus numerous text illustrations. Morocco-backed boards. **Second edition**, limited to one thousand copies, of this classic of ornithological literature and the leading authority on New Zealand birds. Issued in thirteen parts by subscription, this work, much enlarged from the first edition, gives both the native and systematic names of the Island birds. The drawings by Keulemans contain nearly seventy figures of New Zealand birds.

$ 7500.00
FIRST-PERSON ACCOUNT OF THE SAN FRANCISCO
EARTHQUAKE

19. CARNAHAN, Melissa. *Personal experiences of the San Francisco earthquake of April, 1906*. Pittsburgh: Pittsburgh Printing, 1908. 8vo. With 12 tipped in photogravures. Original gilt-stamped white cloth, original linen dust jacket; a beautiful, wide-margined uncut copy. **First edition** of this extraordinary eyewitness account of the 1906 San Francisco Earthquake. Readers are literally provided with a continuous narrative of the earthquake and its aftermath, from the reactions of other hotel guests to the structural damage caused by the quake to the deadly fires that raged afterwards. Reading the account is tantamount to experiencing the events of that fateful day and the week that followed. $300.00

THE FOUNDATION OF SCIENTIFIC BOTANY

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

SIGNED AUTOBIOGRAPHY

22. CROCKER, Henry J. *Hawaiian numerals: a compilation of unofficial data relating to the type-set stamps of the Kingdom of Hawaii*. San Francisco: by the author, 1909. 4to. With 22 plates in a portfolio pocket on the inside of the front cover, numerous text illustrations. Original publisher’s three-quarter morocco over cloth. **First edition** of this catalogue detailing the typesetting for stamps produced in Hawaii, as well as a general history of stamp production in the Islands. $700.00

23. DARWIN, Charles, FITZROY, Robert, & KING, P. Parker. *Narrative of the surveying voyages of His Majesty’s ships Adventure and Beagle*. . . London: Henry Colburn, 1839. Four volumes. Complete with 44 lithographed plates and all of the maps and charts. Original cloth. **First edition, first issue** recording the historic voyage of the Beagle, including Darwin’s *Journal*, which forms the third volume of the *Narrative*, Darwin’s first published book. $95,000.00
MORE ON DARWIN’S BEAGLE VOYAGE

24. DARWIN, Charles. _Journal of researches into the natural history and geology of the countries visited during the voyage of H.M.S. Beagle round the world_. London: John Murray, 1860. 8vo. With 14 text woodcuts. Original publisher’s cloth. **Second edition**, later issue (tenth thousand, with new preliminaries and a postscript at the end of the preface), the final definitive text, with extensive revisions from its first appearance, of Darwin’s first published work, which chronicles his historic five-year voyage on the _Beagle_ to Brazil, Argentina, Tierra del Fuego, Chile, Peru, the Galapagos Islands, New Zealand, Australia, and other countries and islands along the way. This journey was the most important event in Darwin’s intellectual life. The appearance of this record was a turning point in the history of biological science and marked the beginnings of a whole new conception of the origin of the various species of life on earth.

$5500.00

FIRST EDITION, AN ASSOCIATION COPY WITH LETTERS AND AN UNRECORDED OFFPRINT

25. 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 review of the book. **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.”

$125,000.00
THE FIRST MAJOR TEXTUAL CHANGES AND REVISIONS

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

$8500.00

EVOLUTION AS APPLIED TO PLANTS (ORCHIDS)

27. DARWIN, Charles. *The various contrivances in which British and foreign orchids are fertilised by insects and on the good effects of intercrossing.* London: John Murray, 1862. 8vo. With 1 folding plate and text illustrations. Original publisher’s plum cloth with gilt orchid on front cover. **First edition** variant a, of Darwin’s primary work on plant fertilization, concluding that plants are equal to animals in the marvels of their adaptation.

$6500.00

MAN’S PREDECESSORS ON THE EVOLUTIONARY SCALE

28. DARWIN, Charles. *The descent of man, and selection in relation to sex.* London: John Murray, 1871. Two volumes. 8vo. Complete with the note tipped in after the contents of Volume II (as per Freeman), plus 16-page publisher’s advertisements dated January, 1871, in both volumes. With numerous text figures. Original publisher’s binding; overall an excellent set, Volume II unopened, Volume I with an inscription dated May, 1871. **First edition, first issue** of Darwin’s classic work in comparative anatomy, his first inclusion of man in the general theory of natural selection, and the first appearance of the term “evolution” in any of his works. By comparing the physiological and psychological aspects of man and ape, he fills in what had been merely suggested in the *Origin*, that man’s ancestor, if still alive today, would be classified among the primates and on a lower scale than the apes. The last chapter is an added essay on sexual selection, that is, the preferential chances of mating that some individuals of one sex have over their rivals.

$8500.00

30. DU CANE GODMAN, F[rederick]. *A monograph of the Petrels (Order Tubinaires).* London: Witherby & Co., 1907-1910. Five parts. 4to. With 106 fine hand-colored lithographed plates by J.G. Keulemans and H. Gronvold. Each part in the original printed wrappers (wrappers to parts I and III are detached and others are a bit chipped), plates, as well as the entire interior, are exquisite. An uncut and beautiful set preserved in a folding clamshell case. **First edition,** Number 156 of 225 copies printed. An amazing copy of a rare work showcasing Keulemans’ incredible talents as an illustrator. This monograph on the petrels (distinguished from gulls in that they seldom come to land except to breed) was begun by Osbert Salvin, who died in the early stages; Godman later took over assisted by Richard Bowdler Sharpe, whose daughters assisted with the coloring of the plates. $10,500.00
31. **DUFRESNOY, [Nicolas] Lenglet du.** *Recueil de dissertationes anciennes et nouvelles: sur les apparitions, les visions & les songes.* Avignon & Paris: Jean-Noël Leloup, 1751-1752. Two parts in four volumes. 12mo. Full calf, gilt spine with raised bands; text is toned but clean. **First edition.** In a long preface, the French historian Dufresnoy presents a fascinating treatise on apparitions, dreams and visions. He deals principally with the historical dimension which he had neglected in his preceding works, expounding the need to apply the rules of historical evidence to reportedly supernatural phenomena. He details the nature and causes of such visions, creating eight separate classes, and instructing the reader how to determine if an apparition is true or false. The remainder of the book contains various treatises by other authors (as well as Dufresnoy’s comments thereon) regarding spirits, demons, magic, and other interesting (read troubling) phenomenon. $ 850.00

**MAGICAL PROPERTIES OF SMOKE**

32. **DUNHILL, Alfred.** *The gentle art of smoking.* New York: G.P. Putnam’s Sons, [1954]. 8vo. Illustrated with drawings throughout by James Arnold. An excellent copy in the original illustrated dust jacket. (offered with) Three U.S. patents on pipes, dated 1915, 1923, 1935. **First edition.** This is Dunhill’s story of tobacco and the use of it, from the earliest times in America, Europe, Asia, and Africa. $ 550.00
AN INTERESTING PROVENANCE

33. EINSTEIN, Albert. Die Grundlage der allgemeinen Relativitätstheorie. Leipzig: J. A. Barth, June, 1916. 8vo. Original printed wrappers on rippled paper. An uncut copy, ownership signature on the front wrapper, preserved in a half-morocco solander box. First separate printing of Einstein’s classic paper. Not an offprint from the Annalen der Physik as is often thought, but a completely new setting of type with significant and important additions and revisions, including an introduction published here for the first time which was not in the journal issue. From the library of Dr. Sten Lothigius, Swedish physicist with an affinity to the Nazi movement, an anti-Semite who wrote against the theory of relativity and Einstein.

$ 6500.00

EDITIO PRINCEPS

THE EARLIEST CONTRIBUTION TO THE PHILOSOPHY OF MATHEMATICS

34. EUCLID. [Greek:] Elementa geometriae. Basle: Johann Herwagen, 1533. Folio. With woodcut device on title and colophon, decorated woodcut border to first page of text and numerous woodcut diagrams. Contemporary English calf. Editio princeps of Euclid’s Elements. The first printing of Euclid in 1482 was a Latin translation from an Arabic manuscript. This edition is also important for the innovation of geometrical diagrams within the text, rather than in the margins. The commentary by the Neoplatonist mathematician and philosopher Proclus on the first book of the Elements is the earliest extant criticism of Euclid’s fifth postulate on the existence of parallel lines, the study of which led, after a further fifteen hundred years of effort, to the discovery of non-Euclidean geometry by Gauss, Bolyai and Lobachevsky. It is also the first printing of the earliest work on the philosophy of mathematics.

$ 30,000.00
35. [EUCLID] BYRNE, Oliver. *The first six books of the elements of Euclid in which coloured diagrams and symbols are used instead of letters for the greater ease of learners.* London: William Pickering, 1847. 4to. Illustrated throughout in three colors and black. Original blue publisher’s cloth (rare); spine rebacked, text exceptionally clean which is quite unusual for this book. Overall a very handsome copy. **First and only edition** of Byrne’s work on Euclidean geometry, in which colors are substituted for the usual letters to designate the angles and lines of geometric figures. Written and designed to simplify Euclid’s propositions, this remarkable example of Victorian printing is described by Rauri McLean as “one of the oddest and most beautiful books of the whole century.” The printing proved to be extremely difficult, requiring exact registration; only one thousand copies were originally published. **$ 14,000.00**

36. FERMI, Enrico. *Collected papers.* Chicago: University of Chicago Press, 1962, 1965. Two volumes. Large 8vo. Frontispiece in each volume plus 17 plates. Publisher’s cloth. **First edition** of the papers from one of the most important physicists of all time. This set also contains a wonderful biographical sketch of Fermi, introductions to some of the papers by members of the editorial staff, and a chronology of the author’s life. **$ 600.00**

37. FLOYER, Sir John. *An enquiry into the right use and abuses of the hot, cold, and temperate baths in England.* London: R. Clavel, 1697. 8vo. Contemporary calf. **First edition.** The pros and cons of both hot and temperate baths, and how treatment with cold water is a medical miracle. Floyer sets out the history of cold bathing, then discusses specific cases, and includes descriptions of various local baths as well as testimonials by other physicians. This work became the forerunner of a fad that gained considerable traction at the beginning of the eighteenth century. **$ 1750.00**
THE FIRST CLEAR DEFINITION OF ASTHMA

38. FLOYER, John. *A treatise of the asthma. Divided into four parts. In the first is given a history of the fits, and the symptoms preceding them. In the second, the cacochymia which disposes to the fit, and the rarefaction of the spirits which produces it, are described. In the third, the accidental causes of the fit, and the symptomatic asthmases are observed. In the fourth, the cure of the asthma fit, and the method of preventing it is proposed.* London: Richard Wilkin, 1698. 8vo. Contemporary calf. From the library of Burnes Floyer of Lichfield, a descendant of the author, with his signature on the first blank, and the bookplates of Hyman Miller M.D. and Kenneth Garth Huston Jr. **First edition** of the first clear description of bronchial asthma, and the first major monograph on the subject in English. Floyer separates asthma from other pulmonary disorders, discusses the influence of heredity in asthma and includes an early description of emphysema.

$ 6500.00

THE COMPLETE SIX-VOLUME SET

39. FORSHAW, Joseph Michael & COOPER, William T. *Kingfishers and related birds.* Sydney: Lansdowne Editions, 1983-1994. Six volumes. Folio. With 156 color plates, plus an additional loose plate, all by Cooper. Original three-quarters morocco (2 are blue, 2 are red and 2 are green), gilt, cloth sides, housed in three cloth drop-back boxes with morocco labels to lids and spines. An absolutely magnificent set, like brand new, never opened. **First and only edition**, number 486 of 1,000 copies signed by Forshaw and Cooper in each volume. The complete set of six volumes, with superb color plates after Cooper’s original drawings. The set is rather scarce complete as the volumes appeared over an eleven-year period, and a substantial portion of the final pair were never bound.

$ 4500.00
BANANA-EATERS

40. FORSHAW, Joseph Michael & COOPER, William T. Turacos. A portfolio of all species. Melbourne: Nokomis Editions, 1997. Two volumes (folio plates and 4to. text). With 23 colored plates signed by the artist, with all tissue guards present. Preserved in the publisher’s original solander box. An absolutely magnificent set, like brand new, never opened. First edition, number 14 of 290 copies. This was the first part of a two-part project by Nokomis aimed at reproducing William T. Cooper’s work to the highest possible publishing standards (with the second work on cockatoos published later in the year). In explaining each of the 23 plates, the text includes the identification, distribution, sub-species, general notes and the artist’s notes. $1800.00

LECTURES DIRECTLY FROM THE LABORATORY

41. FOURCROY, Antoine Francois. Elementary lectures on chemistry and natural history . . . Translated from the French by Thomas Elliott. Edinburgh: Printed for C. Elliot, etc., Dublin, 1785. Two volumes. 8vo. Contemporary calf. First edition in English of the author’s first major work, based on seventy lectures given in his laboratory. The book contains valuable descriptions of the elements and their properties, chemical affinities, mineral waters, and organic chemistry. $1500.00

NOTABLE CONTRIBUTION ON WOMEN LAWYERS IN AMERICA

42. FULLER, Horace. The green bag. A useless but entertaining magazine for lawyers. Boston: The Boston Book Company, 1889; 1890; 1891. Three volumes. 4to. Hundreds of photographic portraits and illustrations throughout. Half green morocco over marbled boards. First edition of the lawyers’ repository of knowledge. The first volume contains, among other articles, a history of the Harvard Law School by Louis Brandeis, numerous discussions of murder cases, and lawyer jokes. The green bag, which went to twenty-six volumes, was devoted to current legal news and gossip. The name “Green Bag” was an allusion to the time-honored receptacle in which members of the legal profession traditionally carried their papers and law students their casebooks. $550.00
AN ELABORATE CALCULATING INSTRUMENT

43. GALILEI, Galileo. *Le operazioni del compasso geometrico et militare*. Padua: Paolo Frambotto, 1649. 8vo. With a large folding engraved plate of the sector and numerous woodcut text diagrams. Early soft boards. **Third edition** of Galileo’s valuable first published book. He here describes and explains the use of his invention, the geometric and military compass, or circle of proportion. The instrument, the first important device to perform arithmetical calculations by mechanical means, made it possible to calculate the ratios between linear dimensions of planar and solid bodies, and was specifically created to calculate trajectories and distances for military purposes. $6500.00
SPECTACULAR INVENTIONS

44. GALLON, M.[Jean Gaffin]. Machines et inventions approuvées par l’Academie Royale des Sciences, depuis son établissement jusqu’à present; avec leur description. Paris: Gabriel Martin, et al., 1735. Six volumes. 4to. With 429 engraved plates (302 folding). Uniformly bound in later vellum-backed marbled boards. First edition of an invaluable collection illustrating the inventions of all the machines and instruments approved by the Academy of Sciences from its establishment in 1666 to 1735. This elaborate record is the first to describe and illustrate the technological development of science in the period, including achievements in communication, entertainment, agriculture, hydraulics, navigation, optics, acoustics, and motorized machinery. Inventions by Perrault, Huygens, Cassini, Pascal (the first published illustration of his calculating machine), Lepine, Clairaut, Gauger, Le Maire, De La Hire, Morland, Nolet, are but a few of the discoveries described.

$15,000.00
GEORGE HALE'S INSCRIBED COPY

45. GAUSS, [Karl Friedrich] and BESSEL, [Friedrich Wilhelm]. Briefwechsel zwischen Gauss und Bessel. Herausgegeben auf veranlassung der Königlich Preussischen Akademie der Wissenschaften. Leipzig: Wilhelm Engelmann, 1880. 8vo. Publisher's blue cloth. First edition of this unique testimony of the relationship between two great mathematicians. This work reproduces 193 letters, 74 written by Gauss to Bessel and 119 written by Bessel. In 1878 the Academy of Science in Berlin purchased from Bessel's widow all 74 letters and donated them to the Göttingen Academy of Science. $ 400.00

FOUNDATIONAL WORKS IN GEOLOGY

46. GEOLOGICAL SOCIETY OF LONDON. The transactions of the Geological Society of London. London: William Phillips, 1811-1821. Five volumes. 4to. With 70 maps and plates. Full calf; a splendid copy. First edition of the first five volumes, the complete first series. During this period the Transactions featured almost 350 papers by authors such as William Buckland, Richard Owen, Roderick Murchison, Adam Sedgwick, John Davy, J.S. Henslow, Richard Bright, David Brewster, and William Conybeare, many of which have become classics. $ 6500.00

ORIGINAL OFFPRINT OF GÖDEL'S PROOF

47. 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. $ 45,000.00
AMERICAN HISTORY FROM THE ENGLISH POINT OF VIEW
THE COMPLETE FOUR-VOLUME SET

48. GRAHAME, James. The history (of the rise and progress) of the United States of North America. Till the British Revolution in 1688 (− from the plantations of the British colonies till their revolt and declaration of independence). London: Longman, Rees, etc., 1827−36. Four volumes. 8vo. Contemporary half mottled calf over marbled boards, all edges yellow. An attractive set. First editions, quite scarce in the complete set. The first two volumes, published in 1827, cover the years up to 1688. Grahame was a British historian, and despite having never visited America, received stellar reviews and critiques for this work, especially from British readers.

$ 1000.00

THE PRECURSOR TO BURTON’S ANATOMY OF MELANCHOLY
FOUR COPIES IN AMERICA

49. 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. A handsome copy in nineteenth-century Russia. First edition of the original printed treatise, exceedingly rare. This work describes the melancholy or humors of man. Like so many other writers on the subject, including Bright and Burton, Grahame’s inducement was due in great part to his own experiences with depression and melancholy. OCLC locates American copies at the Newberry, Harvard, Princeton and the Huntington.

$ 30,000.00
ONE OF THE GREAT POLEMICS IN SCIENCE:
THE CONTROVERSY OF THE COMETS

50. [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, with large historiated initials and text diagrams. Antique calf in a contemporary style; overall in superb condition. **First edition** of Grassi’s extraordinarily important and bitter attack on Galileo’s theory of the nature of comets, in which he strongly defends the ideas of Tycho Brahe and the Jesuits. Galileo went on to publish his polemic and rhetorical masterpiece, *Il Saggiatore*, as a direct reply to this work. $ 19,000.00

DESCRIBING EVERY ASPECT
OF THE KNOWN WORLD

51. HEYLYN, Peter. *Cosmographie in foure bookes containyng the chorographie & historie of the whole world and all the principall kingdomes, provinces, seas, and isles, thereof*. London: Printed for Anne Seile, 1669 (1668-1669). Four books in one. Folio. Complete with all tables and index. With 4 folding maps all dated 1663. Contemporary calf, spine with raised bands; a clean, bright copy. **Fourth edition**. After a general introduction to geography, the first two books treat the history and geography of Europe, the third Asia, and the fourth book is divided between Africa and America. Heylyn discusses the climate, customs, achievements, politics, and belief systems of people in every country. It is also one of the earliest printed works to describe Australia, California, Terra del Fuego, and other territories in the new world and includes descriptions of the Arctic, Antarctica and the fabled Northwest Passage. **$ 2500.00**
DALTON A PLAGIARIST?


$1500.00

HUYGENS’ WORKS ON MECHANICS AND OPTICS

53. HUYGENS, Christian. *Opera reliqua* (with) *Opera posthuma.* Amsterdam: Janssonio-Waesbergios, 1728. Two works in one. 4to. With 58 folding engraved plates. Contemporary calf; a very nice wide-margined copy. First edition. The present volumes contain his works on gravity and accelerated motion, the laws of elastic bodies, and the undulatory theory of light, perhaps his most important achievement. Also included are his tracts on optics, instructions on grinding lenses for telescopes, and a description of the Planetary Automate machine he constructed portraying the movements of the solar system. This machine, as well as a number of other innovations and discoveries, are all depicted in the finely engraved illustrations.

$7000.00
RARE INNOVATIVE PHARMACEUTICAL WORK FROM
“THE MOST FAMOUS IRISH CHEMIST” – ONLY 5 COPIES
LOCATED IN AMERICA

54. KANE, Robert John (Sir). *Elements of practical pharmacy.*
Dublin: Hodges and Smith, 1831. 8vo. With five 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 details pharmaceutical
operations in which bodies are mechanically divided, separated and
mixed. After a chapter on heat and the modes of ascertaining and
then regulating heat in bodies, the majority of the work treats
chemical operations.

$ 5500.00

SCRIPTURAL GEOLOGY SCIENTIFICALLY PROVEN

London: D. Bremner, 1799. 8vo. Uncut in the original boards. First edition of Kirwan’s
attempt to reconcile his geological observations with the history of
the earth as related in Genesis. The first part of the book comprises
a basic primer of geology, with a substantial amount of chemical
and mineralogical information. The final chapter contains a bitter
attack on James Hutton’s geomorphological theory.

$ 1850.00

THE VOYAGE TO DETERMINE THE SHAPE OF THE
EARTH
THE COMPLETE TWO-VOLUME SET

56. LA CONDAMINE, [Charles Marie de]. *Journal du voyage
fait par l'ordre du roi, a l’équateur, servant d'introduction historique a la
mesure des trois premiers degre's du meridien.* (offered with) Mesure
des trois premier degre’s du meridien dans l’hemisphere Austral, tirée des
observations de M.rs de l’académie royale des sciences, envoyés par le roi
volumes. 4to. With a total of 9 engraved plates, including the map of
Quito. Contemporary tree calf; a clean and wide-margined set. First
edition of the account of the scientific expedition to the equator, the
purpose of which was to measure an arc of the meridian in order to
settle a controversy over the shape of the earth. La Condamine, along
with Bouger and Godin, traveled to Equador, while the second
expedition consisting of Maupertuis, Clairaut and Le Monnier went
to Lapland to measure several degrees of meridian at the arctic circle.
La Condamine ultimately split from his group and traveled alone to
Quito and then down the Amazon. The controversy regarding the
Earth’s shape was settled by the measurements taken by the two
groups.

$ 7500.00
57. LAPLACE, Pierre Simon de. *Traité de mécanique céleste*. Paris: L’Imprimerie de Crapelet, Chez J. B. M. Duprat, 1799-1827. Five volumes. 4to. Complete with folding plate in Volume 4, all half titles and errata; with an extra errata leaf in Volume 4, uncalled for by Horblit. Volumes 1 and 2 printed on paper watermarked “Mecanique Celeste.” Contemporary polished tree calf; a fine set. First edition of the author’s monumental work, in which all the laws of planetary motion are deduced from the concept of universal gravity. He argued that the universe was really a great self-regulating machine and that the whole solar system could continue on its existing plan for an immense period of time.

$19,500.00

58. LARMOR, Joseph. *Aether and matter. A development of the dynamical relations of the aether to material systems on the basis of the atomic constitution of matter. Including a discussion of the influence of the earth’s motion on optical phenomena*. Cambridge: University Press, 1900. 8vo. Original publisher’s cloth. First edition of Larmor’s most important book on theoretical physics. He developed his theory based upon a concept that matter consists entirely of electrons moving about in the aether according to electromagnetic laws.

$450.00

59. LARTET, Louis. *Exploration géologique de la Mer Morte de la Palestine et de l’Idumée*. Paris: Arthus Bertrand, [ca. 1876-1877]. Folio. With 14 plates (4 double-page and in color) and text illustrations. Later half-morocco over marbled boards. First and only edition of this extremely rare work on the geology and paleontology of the Dead Sea and its environs, considered the most complete survey of the area’s prehistory available at the time.

$12,000.00
I. OFFICIAL PROGRAMS. 17 programs for each of the days that Olympic events took place, from July 30 through August 14, 1932, plus the extra program for Monday, August 8, 1932, which was printed for the demonstration game of American football that evening. Each program has 32 pp., bound with a picture of a white male athlete (very Aryan) against a blue background, and has the date printed at the bottom right. The contents include a summary of the day’s program, interesting information (about, for example, the Olympic torch), a listing of each event with previous champions as well as the names of each participating athlete. Many have pencil notations regarding the placement in each event.

II. THE OFFICIAL REPORT OF THE XTH OLYMPIADE COMMITTEE. The games of the Xth Olympiad. Los Angeles, 1932. Official report. Los Angeles: Xth Olympiade Committee, 1933. 4to. Colored photographic frontispiece, numerous photographs throughout. Original publisher’s decorated cloth. First edition. Includes a short discussion of the founding of the modern games, explanation of the structure of the Olympics, lots of photographs of people (all men) involved in organizing the games, and nearly every detail one can consider, including the financing and construction of the stadium, tickets and attendance records, traffic control, the Olympic village, training arrangements, meetings of the various committees, and a day-by-day narrative of each and every event, including both opening and closing ceremonies. Everything you might need to know about the Xth Olympiad from the Committee’s point of view.

III. GERMAN DOCUMENTATION OF THE XTH OLYMPIAD. Die Olympischen Spiele in Los Angeles 1932. Hamburg: H. F. & PH. F. Reemtsma, 1932. Folio. With a folding chart, 10 full-page photographic illustrations, and 196 original photographs (76 in color) tipped in. Publisher’s original cloth, original dust jacket. First edition of this combination of text and photographs documenting the 1932 summer and winter Olympics in Los Angeles. Printed in German, it was produced by the Reemtsma Cigarettenfabriken, one of the largest cigarette and tobacco producers in Europe. $3500.00
61. MARTIUS, Galaeottus [MARZIO, Galeotto]. Galeotti Martii Narniensis, De doctrina promiscua liber [sic]: varia multipliciur eruditione refertus, ac nunc primum in lucem editus. Florence: Laurentium Torrentinum, 1548. 8vo. Contemporary vellum; an excellent copy with bookplate of the Princes of Liechtenstein, contemporary inscription on title and contemporary annotation on verso of final blank. **First edition** of Martius’ scholarly and philosophical miscellany. In addition to chapters covering poisons, pharmacology, and astrology, Martius includes discussions on everything from the moon’s effect on tides to explanations of why the zodiac has animal names. He answers such questions as “why joy and fear kill suddenly” or “why the blood of the corpse flows in the murderer’s presence.” He also writes extensively on the positive medical benefits of coitus (with a comment that “the perfect marriage is between a blind woman and a deaf man”). $4500.00

RARE SECOND EDITION WITH FIRST PRINTING OF BOOK SIX CONTAINING NEWLY DISCOVERED PLANTS

63. MATTHIOLI, Pietro Andrea. *Il dioscoride dell’eccellente dottor medico M.P. Andrea Matthioli de Siena; co i suoi discorsi, da esso la seconda volta illustrata, & diligentemente ampliati.* (bound with) *Il sesto libro di Pedacio Dioscoride Anazarbeo, in cui si tratta de i rimedi de i ulceri mortiferi, tanto preservativi, quanto curativi, tradotto, & commentato in lingua volgare Italiana.* Venice: Vincenzo Valgrisi, alla bottega d’Erasmo, 1548. Two books in one. 4to. Contemporary stiff vellum. First Valgrisi printing and second overall edition of this exceedingly rare commentary on Dioscorides’ materia medica, famous for the first printing of the sixth book containing an increasing number of newly discovered plants and their medicinal uses and virtues. $7500.00

THE RARE FIRST ISSUE

64. MERCATOR, Gerard and Jodocus Hondius. *Historia mundi: or Mercator’s atlas. Containing his cosmographcall description of the fabricke and figure of the world... with new mappes and tables; by the studious industry of Iodocus Hondy.* Englished by W. [ye] S. [altonstall]. London: Printed by T. Cotes for Michael Sparke and Samuel Cartwright, 1635. Folio. Complete with 2 title pages (engraved and letter press) and 182 engraved maps. Without Hall’s map of Virginia or the folding map of New England, each of which appears in the second issue dated 1637. This first issue is complete with the pasted-in folding map of Egypt and the duplicate maps of New Spain, errata listed on final leaf of verso. Later full calf, spine in six compartments decorated in gilt with red label. First edition, first issue of the first printing of Mercator’s atlas in English. Here, the maps, many unchanged from Hondius’ *Atlas minor*, are now printed sideways. $20,000.00
2018 – YEAR OF THE DOG

65. MIVART, St. George. Dogs, jackals, wolves, and foxes: a monograph of the canidae. London: R.H. Porter, 1890. 4to. With 45 hand-colored lithographed plates by J. G. Keulemans, and 59 text woodcuts. Original brown cloth, lettered in gilt, hinges weak; interior very good, uncut. First edition of the principal work on the canidae, a lineage of carnivorans that includes dogs, wolves, foxes, jackals, and many other extant and extinct dog-like mammals. Mivart (1827-1900) was professor of botany and zoology at Kensington Roman Catholic University College in London and occupied the chair of the philosophy of natural history at the University of Louvain, Belgium. He attempted to reconcile Darwin's theory of evolution with the beliefs of the Catholic Church and ended up being condemned by both parties. $4000.00

66. MIZUSHIMA, Bokuya (scribe & artist). Kesyo mayuzukuri kuden (Makeup instructions as handed down). [Kyoto, ca. 1690]. Calligraphic scroll in Japanese. With 33 illustrations, 10 in color. Extraordinary work illustrating techniques for a woman to achieve beauty in the early Genruko period (1688-1704), the golden age of Edo Japan (1603-1867). Depicted here are the secrets for makeup and hair styles (handed down through generations) with explanatory text. Some of the images show the contours of faces applying their makeup. When women married they were supposed to pluck or fully shave off their eyebrows (“hikimayu”) to hide their natural expression and replace them with painted eyebrows. They also colored their teeth black, which was an important color in the expression of beauty and splendor. Other images illustrate elaborate hairstyles, including hair pieces, a variety of thirteen makeup accessories, and a delightful figure of a lady dancer dressed in a colorful kimono. $18,000.00
UPDATES TO ALL CONTINENTS

67. MOLL, Herman. *The compleat geographer: or, the chorography and topography of all the known parts of the Earth*. London: Awnsham and John Churchill, and Timothy Childe, 1709. Two parts in one. Folio. Beautiful engraved allegorical frontispiece, 46 engraved maps plus additional text illustrations including a large engraved sphere, compass, and the astronomical systems. Contemporary calf. Third edition containing completely new sections on Asia, Africa and America. Furthermore, Europe is now brought up-to-date because of political events. Moll includes accounts of the geography, climate, history, religions and customs of the people of each area, as well as descriptions of the cities, towns, the natural history, and the distances between locations. The second part contains nine maps of the Americas, including California as an island, New Mexico, the English Empire in America, Mexico, or New Spain, South America and Terra Firma, and Peru and the Amazones Country.

$ 4500.00

THE FAMILY OF GRASS MOST USEFUL TO MANKIND

67A. MONTI, Giuseppe. *Catalogi stirpium agri bononiensis prodromus gramina ac hujusmodi affinia complectens*. . . . Bologna: Constantin Pisarri, 1719. 8vo. With 3 engraved plates. Contemporary vellum-backed boards; an excellent copy from the library of Melvin Edward Jahn. First edition of this valuable descriptive catalogue of Gramineae, which contains wheat, maize, barley and rye, the plant family most economically useful to man. More than three hundred species have been noted by the author, many indigenous to the area around Bologna and others collected on his travels. Monti provides a botanical description and treats the medical properties of each plant. He also makes references to earlier studies, and includes a bibliography, commencing with Pliny’s work of 1470. $ 1500.00
LAVISHLY ILLUSTRATED WITH FANTASTIC CITY VIEWS

68. MUNSTER, Sebastian. *Cosmographia universalis lib. VI.* Basel: Heinrich Petri, 1559. Folio. Title hand-colored within woodcut historiated border with hand-colored portrait of Munster on verso, large woodcut printer’s device. With 14 double-page woodcut maps (including 2 world maps and one of the Americas), numerous double-page town views (including 3 folding panoramas), and over 900 woodcut text illustrations. Contemporary rolled pigskin with elaborate blind-tooling depicting saints, clasps on front board; generally an amazing copy with contemporary annotations on paste-down, ownership inscriptions on title, annotation (possibly dated 1650) on verso of title, significant annotations to the map of America. A desirable complete copy of an amazing book, first published in 1544 with about forty further editions appearing by 1628. This work, certainly one of Münster’s most important, counts among the most lavishly illustrated books from the days of Renaissance. The thirty city views include Augsburg, Basel, Bern, Florence, Frankfurt/Main, Freiburg, Fulda, Geneva, Jerusalem, Koblenz, Cologne, Constantinople, Naples, Paris, Speyer, Strasbourg, Trier, Ulm, and Venice, among many others. The monumental folding illustrations include views of Worms, Heidelberg and Vienna. *Cosmographia* also includes an encyclopaedic amount of detail about the known -- and unknown -- world and was undoubtedly one of the most widely read books of its time. Aside from the well-known maps, the text includes portraits of kings and princes, costumes and occupations, habits and customs, flora and fauna, monsters, wonders, and horrors.

$ 45,000.00
A CRITICALLY ENDANGERED SPECIES

69. NARDELLI, Francesco; RAPHAEL, Sandra (ed.). *The rhinoceros. A monograph*. London: The Basilisk Press, 1988. Folio. With 20 tipped-in color plates by Matthew Hillier. Original publisher’s cloth; like brand new, as if never opened. Preserved in a brown cloth folding case. **First edition**, No. 96 of 300 copies signed by Nardelli, who conceived the project, and the artist Matthew Hillier. The work is divided into five chapters (the Sumatran Rhino, the Javan Rhino, the Indian Rhino and the Black and White Rhinos) and contains categorical information, including the life and history, about the five surviving species. Hillier spent two years on the illustrations, traveling to Africa and Sumatra to study rhinos and producing these large plates of portraits and paintings.

$ 1850.00
STILLMAN DRAKE'S COPY OF THE FIRST EDITION OF THE OPTICKS

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. Two parts in one. 4to. With 19 folding engraved plates; the first 2 are in facsimile. Later cloth. First edition, first issue. Regarded as one of the great classics of optics, this work expounds Newton’s corpuscular or emission theory of light and is the first work to contain his optical discoveries in a collected form. It is also distinguished for containing Newton’s first printing of the two treatises on curvilinear figures, including his invention of “fluxional” calculus. His assertion of priority over Leibniz started a controversy which agitated mathematicians for nearly two hundred years. $ 40,000.00

CONTAINS IMPORTANT ADDITIONS AND CORRECTIONS

71. NEWTON, Sir Isaac. Philosophiae naturalis principia mathematica... editio ultima auctior et emendator. Amsterdam: Sumptibus Societatis, 1714. 4to. With folding engraved plate of cometary orbit facing p. 465, numerous woodcut diagrams in the text. Contemporary vellum over boards. First Amsterdam (Continental) edition of Newton’s epoch-making work, taken from the second printed edition. 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

INVENTION OF THE CALCULUS

72. NEWTON, Sir Isaac. The method of fluxions and infinite series; with its application to the geometry of curve-lines. . . . London: Printed by Henry Woodfall; and sold by John Nourse, 1736. 4to. Engraved frontispiece, interpolated leaf [143-144], and leaf containing errata on the recto, publisher’s advertisements on the verso. 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. Ready for publication in 1671, it was not until 1736 that it was finally published in the present English translation by John Colson, who added a lengthy commentary. $ 65,000.00
PREDICTING THE FUTURE

73. 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. Each four-line poem (“quatrain”) is a prediction of future events, which Nostradamus claimed was based upon astrological assessment of the quality of an occurrence such as a birth, death, wedding, etc. Most of the quatrains deal with disasters, such as plagues, earthquakes, wars, floods, invasions, murders, droughts, and battles. A major underlying theme is an impending invasion of Europe by Muslim forces headed by the expected Antichrist. Nostradamus has been credited with predicting numerous events in world history, from the Great Fire of London, and the rise of Napoleon and Adolf Hitler, to the September 11 attacks on the World Trade Center.

$ 3500.00
ORTELIUS’ MINIATURE ATLAS

74. ORTELIUS Abraham. Epitome Theatri Orteliani, preicipuarum orbis regionum delineationes, minoribus talibus expressas. . . . Antwerp, Philippus Gallaenus, Christophorus Plantinus, 1589. Oblong 8vo. (114 x145mm). With the scarce engraved allegorical plate and 94 copper-plate maps. Contemporary (possibly the original) vellum overlaid onto early vellum. First Latin edition under this title, complete with the map plates engraved by Galle, and text printed by Plantin just weeks before his death. The previous Latin edition was first published in 1570 under the title Theatrum orbis terrarum, with Latin poetry rather than prose. The miniature version of Ortelius’s atlas was mostly used by travelers, students and all those for whom the folio would be inconvenient. Copies were eagerly sought after and usually received considerable wear. $ 9500.00

PAULI’S MANUSCRIPT NOTES FOR EINSTEIN

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

77. PRICHARD, James Cowles. *The natural history of man; comprising inquiries into the modifying influence of physical and moral agencies on the different tribes of the human family*. London: H. Bailliere, 1843. 8vo. Hand-colored engraved frontispiece, 40 engraved plates (36 hand-colored) and numerous text woodcuts. Modern calf; overall an excellent copy. *First edition* of this finely illustrated ethnographical study of mankind, of major importance for its assemblage of organized data on human population. Anticipating theories of human evolution, Prichard sets forth the differences of color, hair, stature and form, and examines the value of each criterion as evidence of differences in race. $3500.00
A VERY EARLY TREATISE ON THE THEORY OF NUMBERS

78. PSELLUS, Michael. Pselli Arithmetica Guilielmo Xylandro interprete cum Praefatione Christophori Meureri... Lipsiae: Typis Abrahami Lambergi, 1616. 8vo. With the Pegasus device on the title page as well as a small stamp. Early vellum; text (paper stock) extremely browned. First Xylander edition of Psellus, originally published in Greek at Venice, 1532. The work went through numerous editions both in Greek and Latin; all editions appear to be rare. Psellus (1020-1110), a Byzantine writer of the eleventh century, taught philosophy at Constantinople and was tutor to the son of the Emperor Constantinus Ducas. “Psellus was one of the last of the Greek writers on arithmetic. This part of his work is devoted solely to the theory of numbers, and it represents the arithmetical inheritance derived from the older Hellenic civilization. The treatise covers the mediaeval Quadrivium—arithmetic, music, geometry, and astronomy—and is the only late Greek work on arithmetic that attracted attention in the Renaissance period” (Smith, *Rara Arithmetica*).

EARLY APPLICATION OF MATHEMATICS TO ASTRONOMY

79. PTOLEMAEUS, Claudius. Liber de analemmate, a Federico Commandino Urvinate instauratus, & commentariis ilustratus, qui nunc primum eius opera e tenebris in lucem prodit. Rome, Paulum Manutius, 1562. 4to. Modern full calf in an antique style. First and only edition of Ptolemy’s celebrated application of mathematics to astronomical problems. The *Liber de analemmate* outlines a method for finding angles used in the construction of sundials and is an “important demonstration that Greek mathematics consisted of more than ‘classical’ geometry. $4500.00
HISTOLOGY OF THE NERVOUS SYSTEM

80. RAMÓN Y CAJAL, Santiago. *Textura del sistema nervioso del hombre y de los vertebrados: estudios sobre el plan estructural y composición histológica de los centros nerviosos adicionados de consideraciones fisiológicas fundadas en los nuevos descubrimientos.* Madrid: Moya, 1899-1904. Two volumes. 8vo. With hundreds of text illustrations from the author’s drawings. Contemporary morocco-backed marbled boards; a very nice copy. **First edition.** One of the greatest works in the neurosciences, printed by subscription in an edition of only 800 copies. It is here that Cajal laid the cytological and histological foundations of modern neurology. His investigations confirmed the neuron doctrine first proposed by His and Forel, that dendrites receive impulses from other cells, the distinct functional pathways, the synapse, and included an authoritative description of the cerebral cortex leading to cytoarchitectonics. The research included in the present work led to the Nobel Prize in physiology and medicine shared with Golgi in 1906. $18,500.00

RAMUS' MATHEMATICS WITH SNEL'S ADDITIONS AND COMMENTARY

81. RAMUS, Petrus. *Arithmeticae libri duo, cum commentariis Wiilebrordi Snelli.* [Leyden]: Ex Officina Platiniana, 1613. 8vo. With the Plantin printer’s device on the title. Later full calf; in superb condition. This edition of Ramus’s popular handbook of basic mathematics is especially valuable for the outstanding commentary and additions of the Dutch scientist Willebrord Snellius. Ramus (1515-1572), a French humanist, taught and wrote on many topics, including works on logic and rhetoric, grammar, mathematics, astronomy and optics. Snellius, or Snell (1580-1626), was a Dutch mathematician and astronomer, was a follower of Ramus. Both were quite critical of Aristotle. $950.00

CATALOGUE OF THE LIBRARY OF A NOBEL SCIENTIST

82. RICHARDSON, Sir O[wen] W[illans] & EATON, Peter. *The Eaton-Richardson library on the atom.* London: Peter Eaton, 1960. Folio. Approximately 400+ leaves (thousands of entries). Mimeographed typescript, printed on one side only. Loose in original cloth portfolio and slipcase. Inserted is a letter to Eaton dated December 12, 1959 signed by H.M. Richardson. Original list of the library and manuscript archives of Nobel Laureate Professor Sir Owen Willans Richardson (1879-1959), as offered for sale by Peter Eaton, an early British bookseller. Especially important in electron theory and manuscript materials, the catalogue is also a major reference for ephemeral material relating to pre-World War II atomic science. Richardson received the 1929 Nobel Prize in physics for his work on the thermionic phenomenon and especially for the discovery of the law named after him. It is noted that the collection was purchased by Texas University. This catalogue is very scarce, as apparently only a small number were issued. $1500.00
AMERICAN ALTERNATIVE “NEW THOUGHT” RELIGION
SPIRITUAL ENLIGHTENMENT THROUGH TWENTY-
COURSE PROGRAM

Approximately 220 pp. on 8 ½ x 11-inch paper, single spaced typed throughout, in a folder. A complete twenty-course program of spiritual enlightenment promising health, wealth and happiness through a belief system, rejecting all the major organized religions and a general embrace of modern science. It began and largely remained a mail-order enterprise, recruiting people through advertising in popular magazines and through direct mail solicitations. Psychiana was a New Thought denomination created in 1928 by Frank Bruce Robinson (1886–1948), with headquarters in Moscow, Idaho. $ 3500.00

84. 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. $ 25,000.00

ORIGINAL OFFPRINTS OF THE INVENTION OF X-RAYS
EXQUISITE COLLECTION OF HAWAIIAN ISLAND BIRDS

85. ROTHSCILD, [Lionel] Walter. The avifauna of Laysan and the neighbouring islands: with a complete history to date of the birds of the Hawaiian possessions. London: R.H. Porter, 1893-1900. Three parts in one. Folio. With 83 plates, including 55 hand-colored lithograph plates by and after J.G. Keulemans and F.W. Frowhawk, 20 collotype plates from photographs (including one duplicate plate “Group of Four White Albatrosses”), and 8 monochrome plates, all tissue guards present. Red half-morocco and cloth boards; an outstanding copy with the original pink printed wrappers bound in. First edition of this landmark study of the birds of the Hawaiian Islands, limited to 250 copies. Issued in three parts, Rothschild provides a bibliography and brief survey of the origin and distribution of the Hawaiian avifauna. A summary of the diary of Henry Palmer, an ornithologist employed by Rothschild, who collected specimens on the islands between 1890 and 1893 forms the basis of this work. Palmer gathered a total of 1832 birds. The fine hand-colored plates were drawn and lithographed by Keulemans. Included are fifteen new species and a number which are now extinct (and which are indicated by pencil notations in the text). $ 35,000.00
WONDERFUL PLATES OF FIREFIGHTERS AND THEIR EQUIPMENT

86. ROVIRA Y TRIAS (Antoni). *Tratado de la extincion de incendios*. Barcelona: Imprenta de la Publicidad, 1856. 4to. Complete with half-title and 14 folding plates. Contemporary calf-backed boards. Presentation to Mariano Lopez from A. Rovira, the author’s son. **First edition** of this historic treatise devoted to extinguishing fires and the job of a firefighter, the first work on the subject to be published in Spain. In this extremely rare book, the author describes in detail the organization and administrative side of firefighting, as well as the physical training, equipment, and maneuvers used by firefighters to save victims from blazes. The work has fourteen exquisite engravings demonstrating what firefighters do; of special interest are the plates of the early fire engines. $ 3500.00
87. RUSSELL, Bertrand. *A critical exposition of the philosophy of Leibniz*. Cambridge: University Press, 1900. 8vo. Excellent first-issue double-ruled blue publisher's cloth, spine with gilt title and decoration. Ownership signatures and annotations on the blank leaves. **First edition, first issue**, based upon his inaugural set of lectures at Cambridge University in 1899. Russell explores the work of Leibniz by addressing his premises, propositions and the law of contradiction, the law of sufficient reason, the philosophy of matter, and Leibniz's belief in an external world. $1250.00

88. RUTHERFORTH, Thomas. *A system of natural philosophy, being a course of lectures in mechanics, optics, hydrostatics, and astronomy*. . . Cambridge: Printed by J. Bentham, 1748. Two volumes. 4to. Complete with the rare subscriber's list, 31 engraved plates (30 folding) and a fine folding map showing the oceans of the world. Contemporary tree calf. **First edition** of these popular lectures on natural philosophy dealing with mechanics, optics, oceanography, hydrostatics and astronomy. The engraved plates contain detailed mechanical diagrams, and the world map by Halley reveals the trade winds, the variations of the compass, and an inset map of the North Pole. The long list of subscribers is virtually a who's who in science of the time. $1250.00

89. SETH-SMITH, David. *Parrakeets. A handbook to the imported species*. London: R.H. Porter, 1903. 4to. With 20 colored plates and 24 text illustrations. Contemporary red cloth; bound into the back are the printed wrappers for the original 6 parts. An excellent uncut copy. **First edition**. “A description of the habits, in life and in captivity, of about 131 of the smaller species of the parrot groups. An occasional discussion of a family or genus is added. The colored plates are excellent” (Zimmer). This work contains all of the information a person would need to keep pet parakeets. It sheds light on how to feed, breed and care for a wide assortment of parakeets in a home aviary, as well as numerous other small parrot species. $850.00
SHOCKING DETAILS OF THE RELATIONSHIP BETWEEN CORTES AND MONTEZUMA

90. SOLIS [Y RIBADENEYRA], Antonio de. *Historia de la conquista de Mexico, poblacion, y progressos de la America Septentrional, conocida por el nombre de Nueva Expaña.* Barcelona: En la Imprenta de Joseph Llopis, 1691. Folio. Contemporary vellum; with numerous contemporary annotations and ownership signatures, bookplate of James Whiteford Dunham. **Second edition** of this important source of information and material related to the conquest of Mexico by Cortés. It chronicles the years between the appointment of Cortés to command the invading Spanish army and the fall of Mexico City. Solis includes details of the lives of the native population. It offers an insight into the slaughter of the Indians of Mexico by the Spaniards, highlighting the courage of the invaders as they decimate the “savage” natives. This second edition is of the utmost scarcity, the first having been printed seven years earlier.

$3500.00

THE FIRST LITHOGRAPHICALLY-PRINTED ATLAS

91. VANDERMAELEN, Phillipe. *Atlas universel de geographie physique, politique, statisque et mineralogique.* Brussels: [PMG Vandermaelen], 1827. Six volumes. Large folio (537 x 369 mm). With 389 double-page maps lithographed by Henri Ode, hand-colored in outline or in part, including 7 index maps and a chart of comparative altitudes of mountains. Contemporary quarter morocco, title in gilt on spines; leaves reinforced with cloth tape at tipped edges, title and half-titles foxed, repair to verso of 3 maps, mild foxing to 6 North American maps, some offsetting and spotting to index map of North and Central America, light dampstaining to 2 maps, otherwise maps are clean. First and only edition of the first lithographed atlas. It is also the first world atlas completed on a large, uniform scale, approximately 26 miles to one inch. The atlas was designed such that, joined together, the maps form a globe approximately 25 feet in diameter.

$45,000.00
92. WEIDLER, Johann Friedrich. *Institutiones mathematicae decem et sex purae mixtaeque matheoseo disciplinas complexae; sub finem accedunt tabulæ sinuum, tangentium et logarithmorum contractae et index generalis.* Vitembergae: Georg Marcum Knochium, literis Godofredi Gaeberti, 1725. 8vo. With 48 leaves of plates. In a 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 covers arithmetic, geometry, plane trigonometry, optics, perspective, spherical trigonometry, spherical and dynamical astronomy, geography (on the sphere), chronology, dialling, mechanics, hydrostatics, hydraulics, civil and military architecture, fortifications, and mathematical analysis concluding with differential and integral calculus. The format, which includes answers to problems, was typical of the Continental approach to education. It is thus of great value to today’s scholar. $ 1500.00

93. WELLS, H.G. *The outline of history being a plain history of life and mankind . . . .* London: George Newnes Limited, [1919-1920]. Twenty-four parts, complete, in two volumes. 4vo. With 24 captivating color wrappers with advertisements bound at end of each volume. Frontispieces, 47 color plates, black and white illustrations of historic people, places, maps, and timelines. Green cloth boards, spine label. **First edition, first issue** of this ambitious endeavor to relate the history of all mankind from the earth’s inception to the author’s present time. Naturally such a work was published in the format of a fortnightly magazine series to educate people, as opposed to the more common textbook format. Motivated by his objection of the approach to historical texts, Wells thought it necessary to “restore” history by means of developing a shared past to move cooperatively into the future. $ 1500.00
CLASSIC PHILOSOPHY OF SCIENCE

94. WHEWELL, William. *The philosophy of the inductive sciences, founded upon their history*. London: John W. Parker; Cambridge: J. Deighton, 1840. Two volumes. 8vo. Large folding plate (“Inductive Table of Astronomy”) in Volume II. Later calf-backed marbled boards. **First edition** of Whewell’s most important contribution in which he attempts to map, define, and systematize the development of the sciences. Along with his *History of the inductive sciences*, this work helped to both mold and define the concept of science in the Victorian era. Whewell viewed the *Philosophy* as the “moral” of the previous work. Whewell’s work was attacked by John Stuart Mill in his *System of Logic*, causing a debate between them over the nature of inductive reasoning in science, moral philosophy and political economy. $1800.00

PROPOSAL FOR DISCOVERING LONGITUDE

95. WHISTON, William. *The longitude discovered by the eclipses, occultations, and conjunctions of Jupiter’s planets: with descriptions of those refracting and reflecting telescopes; and of those sectors, and that quadrant, which are the instruments necessary for this discovery, both at land and sea.* To which is added, an ephemeris for the latter half of the year of our Lord 1738. . . . London: for John Whiston, 1738. 8vo. With engraved frontispiece, 1 folding engraved plate 20 tables. Contemporary marbled wrappers. **First edition** of the author’s proposal for discovering longitude, important not only for its quirkiness but also for its descriptions and explanation of the use of several instruments. One of Whiston’s many schemes was to shoot rockets from vessels moored at set points in the ocean. Ships could find their longitude by comparing when the sound and light reached them, much like a thunderstorm. The unusual nature of the scheme resulted in his repeatedly being satirized in the popular press and by his fellow natural philosophers. $2500.00
AUTHOR'S PRESENTATION OF A MONUMENTAL
STUDY OF LOGIC AND THEORY

96. WHITEHEAD, Alfred & RUSSELL, Bertrand. Principia mathematica. Cambridge: University Press, 1910-1913. Three volumes. Large 8vo. Half-titles and errata leaf in each volume. Original blue cloth. Volumes 1 and 2 with Whitehead’s presentation note on the first blank, “S.M.W. from A.N.W.” and the bookplate of South-west Essex Technical College and School of Art Library. First edition of all three volumes, and extremely scarce. John Slater, in his introduction to Bertrand Russell (ABMR, Jan. 1988), notes that less than fifty copies now survive in private hands. The greatest single contribution to logic to appear in the two thousand years since Aristotle was the result of the collaboration of these two great philosophers and mathematical logicians. Inspired by Giuseppe Peano’s and Gottlob Frege’s 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.

$ 125,000.00

THE CORNERSTONE OF AMERICAN LITERATURE

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

$ 95,000.00
THE FOUNDATION OF OPTICS
INFLUENCED LEONARDO AND THE RENAISSANCE
THEORIES OF PERSPECTIVE

98. WITELO. Vitellionis . . . Peri optikes [Optica, in Greek], id est de natura, ratione, & proiectione radiorum uisus, luminum, colorum atq [ue] formarum, quam uulgo perspectiuam vocant, libri X. . . .
Nuremberg: Apud Io. Petreium, 1535. Folio. Title in red and black with large woodcut, full-page woodcut arms on recto of second leaf, numerous woodcut illustrations throughout text. Four numbered leaves (following preliminaries) in superb facsimile on old paper. Full blindstamped calf in an antique style. Overall a fine copy. First edition of the earliest treatise on optics written by the father of physiological optics, and the first work containing descriptions of medieval laboratory instruments. An extremely rare work, the text of which is derived from the optics of Abu al-Hasan (Alhazen). It contains 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. A portion of the book deals with both the physiology of vision as well as the psychological aspects of vision, such as direct perception and the effects of association and reasoning on vision, and such problems as illusions, visual beauty, and the perception of distance and size.

$40,000.00
99. ZANCHI, Giovanni Battista. *Del modo di fortificare le città.* Venice: Plinio Pietrasanta, 1554. 4to. Title within elaborate architectural border, separate leaf with portrait of the author, 17 decorative woodcut initials and 8 woodcut text illustrations. Bound in decorative modern boards. **First edition** of the first Italian book devoted exclusively to fortification of cities. Zanchi (1515-1586), a military engineer, remarks that “the invention of artillery had necessitated a new system of fortifying cities, and that those who might have been qualified by experience to write on the subject were not sufficiently versed in its theory to do so.” The system he describes herein is the favored Italian bastion trace, limited to the square (with acute-angled bastions but already with an attempt to reinforce the curtains) and the octagon (again strengthening the curtains). This design improved the defense of the fortress as covering fire had to be provided often from multiple angles. The woodcuts are among the earliest showing the new pentagonal form of bastion.

$10,500.00

100. [ZOO GUIDES]. A group of 35 zoo guides showcasing the animals and environments of various zoos around the world over the past century. The guides date from as early as 1900, and represent zoos in Germany (Berlin, Munich, Frankfurt, Leipzig, Hamburg), London, Austria, South Africa, Australia, Amsterdam, and America (New York, San Diego, Cincinnati). It is quite amazing to see the evolution of the zoo, especially the balance between protection and care of its animals on the one hand and the interests of the (paying) public over the years. A wonderful collection. A complete list is available upon request.

$2500.00
101. VALUABLE DIPLOMATIC ARCHIVES

The American Civil War, the unification of Italy, the siege of Peking, the Japanese invasion of China, and Pearl Harbor. Five major events in world history, each of which is recorded through the photographs and documents of the De Luca Family archives. This archive, spanning nearly a century and four generations, contains nearly four hundred (400) printed and manuscript documents and over seventeen hundred (1700) photographs. The De Luca family belonged to the international diplomatic and aristocratic world of the nineteenth and twentieth centuries. Patriarch Ferdinand De Luca (1828-1889) was appointed Consul General to the United States; His first posting was to New Orleans in 1863, where he met his wife, Sophia Kennedy (1842-1928), the daughter of an eminent New Orleans judge. After living in New York following the Civil War, De Luca was appointed first Consul General to China. The family moved to Shanghai and in 1883 to Beijing after he was appointed Minister Plenipotentiary from Italy. Their four children, one of whom was an officer at the Imperial Maritime Customs of China, and grandchildren, one of whom was in charge of the Port of Chinwangtso and in Antung, are prominently featured in both photographs and documents in the archive. One granddaughter founded a corps of noncombatant volunteers among young working women (the WACV) in Hawaii during World War II.

The late nineteenth and early twentieth centuries represented time when China both opened its doors to western influence and then abruptly shut it down, reopening during times of crises and world wars. While photographs of travel highlights such as the Great Wall and the various temples during these periods abound, this archive contains a wealth of images of the upper and diplomatic class first populating the Chinese capitol before the Xinhai Revolution of 1911, and thereafter, even when diplomats from most countries were asked to leave the country. With these images and the documents covering nearly eight decades, we have a strong sense of the impact that the De Luca family made, actively participating in the political and social life of the countries in which they lived and served. A complete list of all items in the Archive is available upon request.

$ 35,000.00

Katoo De Luca and brother Luigi were passionate theater lovers. Mei Lanfang (1894–1961) was one of the most famous Peking opera artists in modern Chinese theater.
Katoo De Luca and Claude N. Holwill Sr. wedding in Peking, 1907.

Siege of Peking, 1900

Claude N. Holwill trip in China, 1900.
Claude N. Holwill trip in China, Peking, 1900.

Italian General Armando Diaz on his visit to America. Luigi De Luca joined him, New York, 1919.

Luigi De Luca acting.
SUPPLEMENT
Americana, Literature, Travel

RARE WORK FROM THE GOVERNOR OF ILLINOIS

S.1 [AMERICANA]. REYNOLDS, John. *My own times, embracing also, the history of my life.* [Belleville], Illinois: [B.H. Perryman and H.L. Davison], 1855. 8vo. With frontispiece portrait of author. Original brown cloth. **First edition** of this scarce work on early Illinois and its citizens, from about 1800. Apparently most copies of this work were destroyed; according to Howes, “of 400 copies printed, 300 burned in the first Chicago fire.” The author includes a great deal of Mormon-related information and material. Reynolds was a justice of the Illinois Supreme Court, and eventually was elected governor in 1890. $950.00

REVOLT OF THE AMERICAN TOBACCO PLANTERS

S.2 [AMERICANA]. [TOBACCO]. *The case of the planters of tobacco in Virginia, as represented by themselves; signed by the president of the council, and speaker of the House of Burgesses. To which is added, a vindication of the said representation.* London: F. Roberts, 1733. 8vo. Contemporary paper-backed marbled boards. **First edition.** The tobacco planters of Virginia in the British Colonies in America became outraged by the hardships imposed upon them by acts of Parliament. The majority of American tobacco was exported to England, and thus planters in the Colonies were dependent for their survival upon payment by tobacco merchants in Great Britain. Fraud and corruption by those tobacco merchants were rampant; higher duties were imposed regularly, and bonds and security had to be paid prior to export. In addition to other acts of protest, the representatives of the planters in Virginia propose keeping the tobacco in a warehouse under lock and key. $1500.00

FOUNDING OF THE INTERNAL REVENUE SERVICE

S.3 [AMERICANA]. [UNITED STATES GOVERNMENT]. *United States Tax Law of 1862. Albany Evening Journal edition.* Albany: Weed, Parsons & Co., 1862. 8vo. Original green printed wrappers. **First printing** of the *Albany Evening Journal* edition, one of the first (if not the first) announcements. The Office of the Commissioner of Internal Revenue was created because of the mounting public debt caused by the Civil War. This act outlines duties, levies, and licenses payable on all production (e.g., “on pins, solid head or other - five percentum ad valorum”). It also provides for the collection of taxes with interest as soon as the authority of the United States is re-established. Rare; 5 copies located by OCLC. $2000.00
ELABORATE FRENCH ARMORIAL BINDING COINING THE TERM “DARK AGES”

S.4 [BINDING]. JOSSET, Pierre [BARONIO, Cesare]. Annales ecclesiastici poetici numeris illigati. A Christo nato ad nos usque traducti. Tomus primus. Poitiers: J. Thoreau et A. Mesnier, 1638. 4to. 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 on the first blank revealing 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. First edition of this Latin translation in verse of Annales ecclesiastistici by Cesare Baronio, a history of the first twelve centuries of the Catholic Church. It was in this work that the term “Dark Ages” in the Latin form saeculum obscurum was coined.

$ 7500.00
CRISIS IN 16TH CENTURY ENGLAND

S.5 [ENGLISH HISTORY]. NEVILLE, Alexander. *Alexandri Nevylli angli, de furoribus Norfolcienium Ketto duce, liber unus. Eiusdem Norvicus.* London: Henrici Binnemani, 1575. Two works in one. 4to. Each book with separate title, both within woodcut border, and with full-page heraldic device to verso, second title with printer’s device. Contemporary English calf. Marginalia and text corrections in a contemporary hand. From the library of the eminent Shakespearian scholar Charles Tyler Prouty, with his bookplate. **First edition.** Neville (1544-1614) was secretary to Matthew Parker, Archbishop of Canterbury. He composed the present account of Kett’s rebellion in Norwich under Edward VI (1549). His work, though no apology, nonetheless included words which annoyed the Monarchy, and led to replacement of the offending pages. Here, the cancelled text remains. This copy is without the 2 folding plates, as usual. $1250.00

THREE RARITIES

S.6 [HOROLOGY]. I. SCHULTETUM (SCULTETUS, SCHULTZ, SCHOLZ), Bartolomaeum. *Winckelige-Wyzer, van de sonnevolgen, of leeringe van de uytwerckinge des derden deels der sterrekunst van alderley sonnevolgen.* . . . Amsterdam: Johannis van Ravesteyn, 1670. This very rare treatise is extremely interesting for the transversal division on the circle, afterwards applied by the author’s friend Tycho Brahe on his quadrant. **(bound with)** II. JOOSTEN, Frans. *Nieuwe uytvindinge der zonne-wyzer: waaringeleert wert een korte manier om veelderly zonne-wyzerse maken. Bestaande in 14 vers heydene voorstellen.* . . . Amsterdam: Jacobus Robyn, 1690. First and only edition explaining the construction and use of various types of sundials. **(bound with)** III. SCHÖNBERGER, Georg. *Demonstratio et constructio horologiorum novorum. Radio recto; refracto in aqua; reflexo in speculo; solo magnette horas astronomicas, italicas babylonicas indicantium.* . . . Freiburg: Joannem Strasserum, 1622. With 7 plates. First and only edition of an early treatise on sundials, optics and magnetism by Schönberger (1596-1645), a Jesuit and friend of Christoph Scheiner. Three works bound in one. 4to. Contemporary vellum. $4500.00

BEARDSLEY’S ILLUSTRATIONS

S.7 ILLUSTRATED BOOKS]. MALORY, Thomas. BEARDSLEY, Aubrey. *Morte d’Arthur portfolio.* [Reproductions of eleven designs omitted from the first edition of *Le Morte D’Arthur* illustrated by Aubrey Beardsley and published in MDCCCXCIII: also those made for the covers of the issue in parts and a facsimile print of the Merlin drawing]. London: J.M. Dent & Sons Limited; [Edinburgh: Turnbull & Spears, 1927]. 4to. With numerous decorative woodcut initials, historiated head- and tailpieces, and 14 illustrations. Quarter-calf over vellum boards, gilt floral designs on upper covers. This lavishly illustrated portfolio was issued in conjunction with the third edition of Aubrey Beardsley’s *Le morte d’Arthur* (1927), and includes several designs omitted from both the first and second editions. “This edition of *The morte d’Arthur portfolio* is limited to 300 copies on hand-made paper for sale, after printing which the type has been distributed. This is No. 179” (from verso of front flyleaf). The original gilt-stamped art-nouveau cover is designed by Beardsley. $950.00
S.8 [LITERATURE]. DREISER, Theodore. *Sister Carrie*. New York: Doubleday, Page & Co., 1900. 8vo. Original publisher’s red cloth; preserved in a half-morocco clamshell box with gilt decorated spine. Bookplate of Howard Roosa on the front paste-down. **First edition** of Dreiser’s story of a young girl’s move to the big city and her subsequent rise to fame as she pursues her own “American dream.” The book was only published at the fraught urging of Dreiser, as even his wife found the content too sordid. Though less than five hundred copies were initially sold (out of a first run of 1008), it is now considered one of the greatest of all American urban novels. $ 8500.00

S.9 [LITERATURE]. MITCHELL, Margaret. *Gone with the wind*. New York: The Macmillan Company, (May) 1936. 8vo. Original grey cloth, including original dust jacket with “Macmillan Spring Novels” printed across the top back panel and “Gone with the Wind” title printed in the second column. **First edition, first issue**, with “Published May 1936” on copyright page. Mitchell’s sole novel published during her lifetime, *Gone with the wind*, was renowned as the top American fiction bestseller in the year it was published, winning the Pulitzer Prize for Fiction and the National Book Award for Most Distinguished Novel in the year of its printing. $ 6500.00

S.10 [LITERATURE]. TWAIN, Mark. *Life on the Mississippi*. Boston: James R. Osgood and Company, 1883. 8vo. Frontispiece of the “Baton Rouge” steamboat, over 300 illustrations and 4 appendices. Original brown cloth, covers with gold and black stamped decorations and gilt pictorial vignettes on the upper cover and spine. From the library of Grace W. and Ira W. Hoover, with their bookplate. **First edition, first issue** with the tailpiece depicting Twain’s head and urn in flames on pp. 441. Additionally, the caption on pp. 643 is “Chapter XLI”; and the two terminal leaves of advertisements have been excised (BAL notes the excision of the two terminal leaves in the only two copies examined). A travel book featuring a chronicle of what Twain termed the “great pleasure excursion” through Europe and the Holy Land. $ 3500.00

S.11 [LITERATURE]. TWAIN, Mark. *The innocents abroad, or the new pilgrims’ progress*. San Francisco: H.H. Bancroft & Hartford, Conn; American Publishing Company, 1869. 8vo. With 3 (of 5) pages of publisher’s advertisements (see below for explanation). With two frontispieces, 14 inserted plates, and numerous text illustrations. Original publisher’s sheep, rebacked with the original spine laid down; with a small label on inside front cover: “Sold through the subscription department of H.H. Bancroft & Co., San Francisco. Agents wanted.” **First printing, the true first issue** as called for by BAL 3316: the last leaf of the Table of Contents (pp. xvii-xviii) printed without page numbers, and last entry of the Table of Contents reads “Thankful Devotion-A Newspaper Valedictory”; there is no illustration on page 129; the heading on page 643 is “Chapter XLI”; and the two terminal leaves of advertisements have been excised (BAL notes the excision of the two terminal leaves in the only two copies examined). A travel book featuring a chronicle of what Twain termed the “great pleasure excursion” through Europe and the Holy Land. $ 6500.00

THE RISE OF INFINITISM PRESENTATION COPY

S.13 [MATHEMATICS]. COUTURAT, Louis. *De L'infini mathematique*. Paris : Felix Alcan, 1896. 8vo. With half-title and two dedication leaves. Later half-calf. The author’s presentation copy, inscribed to “my friend Georges Lejeun.” An excellent copy. **First edition** of the author’s most notable work on quantitative formalisation or quantification. Couturat explains that the concepts of number and quantity are independent of one another and that both are independent of experience. He presents a vigorous case on behalf of an actual infinite at a time when the majority of French philosophers, led by Charles Renouvier, were resolute advocates of finitism. In opposition to the formalist theories of number of Julius Dedekind, Leopold Kronecker, and Hermann Helmholtz, he bases his justification for infinite numbers on the position that they are indispensable for maintaining the continuity of magnitudes. $ 450.00

THE AMAZING TALE OF THE FIRST EUROPEAN TO VISIT TIMBUKTU AND RETURN ALIVE

S.14 [TRAVEL]. CAILLIÉ, René. *Travels through central Africa to Timbuctoo; and across the great desert to Morocco; performed in the years 1824-1828*. London: Henry Colburn and Richard Bentley, 1830. Two volumes. 8vo. Frontispiece portrait and 7 plates, including 2 fmaps. Contemporary boards, uncut. **First edition in English.** This was the very exciting first description of Timbuktu by a European to visit that city and return alive to tell his tale. Disguised as an Islamic convert, he was able to travel from Senegal to Timbuktu and then on to Morocco. His experience was unique among Western adventurers, and the narrative recounts his personal interactions with religious leaders and local clans, as well as reporting economic details for his European audience. $ 2500.00

THE INCREDIBLE TRAVELS OF A SUCCESSFUL FEMALE NOVELIST

S.15 [TRAVEL]. EDWARDS, Amelia B. *A thousand miles up the Nile*. London: George Routledge and Sons, 1891. 8vo. With frontispiece, title vignette, and numerous illustrations. Publisher’s gilt-illustrated blue cloth. From the library of Spyros Tsilimparis. Having enjoyed a successful career as a novelist in England, Edwards traveled independently to Egypt without a male chaperone and in the company of a lady friend. There she became fascinated with Egyptology and archaeology. This second edition corrects “some of the historical notes by the light of later discoveries.” While much of the text recounts her delightful and often intrepid excursions in Egypt, Edwards was also keenly observant of her environment, commenting on the ethical implications of excavation, the antiquity trade, and the realities of colonial exploitation. **$ 550.00**

DETAILED ACCOUNT OF THE SECOND ANGLO-SIKH WAR

S.16 [TRAVEL]. EDWARDDES, Major Herbert B. *A year on the Punjab frontier, in 1848-49*. London: Richard Bentley, 1851. Two volumes. 8vo. Frontispiece portrait in Volume I, 6 plates (3 colored lithograph, 1 double folding), text illustration, 2 folding plans, and a facsimile letter from Vans Agnew to General Van Cortlandt. Contemporary full calf. **First edition** of Edwardes account of the Punjab Rebellion of 1848, also known as the second Anglo-Sikh War. Despite any military training, Edwardes raised a body of soldiers and defeated rebels loyal to a local Sikh leader. After numerous battles throughout the area, the local governor surrendered following negotiations with Edwardes. As a result of his deeds, he became quite famous and celebrated back in England. **$ 750.00**
WITH A DESCRIPTION OF MOSCOW’S GREAT FIRE AND REBIRTH

S.17 [TRAVEL] 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. Half calf and old boards. First edition. This rare travel account of Russia, Turkey, and the surrounding region includes wonderful images drawn by the author himself. He arrived in Russia during a frozen winter; the frontispiece even shows 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. 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, descriptions and anecdotes of which he includes in this volume. $1850.00

EXPOSÉ OF PRIVILEGED LIFE ALONG THE BARBARY COAST

S.18 [TRAVEL] 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. With 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 itself as 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.” $1850.00
Full collations, descriptions, and bibliographical details are available for all items listed