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Catalogue 31

| | | | |
|----------------------------------|--------------|--------------------|---------------|
| Featured Items | 1-6 | Philosophy | 67-86 |
| Evolution & Genetics | 7-33 | Economics | 87-93 |
| Medicine | 34-46 | Exploration | 94-107 |
| Physics & Mathematics | 47-66 | | |

Welcome to our catalogue **Man and His Nature**. In addition to Featured Items, we explore genetics & evolution with papers and books of William Bateson, Francis Crick, Rosalind Franklin, Thomas Hunt Morgan, Hermann Muller and others. In medicine we offer Eustachius *Tabulae Anatomicae* and Pott's classic volume on *Fistula in Ano*. Our physics collection includes "*Bethe's Bible*", Everett's *Many World Interpretation* of quantum mechanics and a signed offprint by Shockley on the transistor. In philosophy you will find signed works of Carnap, Dewey, Hartshorne, Quine, Russell and Schweitzer among others. Highlights of economics include Mill's *Elements of Political Economy* and Nash's *Bargaining Problem & Two-Person Bargaining Problem*. We round out this collection with works of exploration including Signed books of Roald Amundsen and Charles Lindbergh.

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FEATURED ITEMS

1. **BOHR, Niels.** ON THE CONSTITUTION OF ATOMS AND MOLECULES. Part I. Introduction. Part II. Systems Containing Only a Single Nucleus. Part III. Systems Containing Several Nuclei. In *The Philosophical Magazine and Journal*, Sixth Series, pp. 1-25, 476-502, 857-75. London: Taylor & Francis, 1913. A Near Fine ex-library entire Vol. 26 of the *Philosophical Magazine* in modern brown buckram binding with gilt lettering spine. Library ink stamp title page and verso of plates. No other library markings. 8vo. \$2,000.00 *Bohr's most influential work. In the autumn of 1912, Bohr took up the duties of assistant at the University of Copenhagen; he fulfilled them conscientiously, and used the privilege extended to holders of the doctorate of giving a free*

course of lectures. At the same time, he started to write up the account of his Manchester ideas. Then, at the beginning of 1913, the orientation of his thought took a sudden turn toward the problem of atomic radiation, which rapidly led him to the decisive step in the process of incorporating the quantum of action into the theory of atomic constitution. The rest of the academic year was spent in reconstructing the whole theory upon the new foundation and expounding it in a large treatise, which was immediately published, in three parts in the "Philosophical Magazine." (DSB, Vol. II, pp. 242-3).

2. **BURTON, Richard F.** THE LAKE REGIONS OF CENTRAL AFRICA. A Picture of Exploration. London: Longman, Green, Longman & Roberts, 1860. TWO VOLUMES. Complete set. Near Fine hardback First Edition First Printing in contemporary half leather marbled board binding with spine in six compartments. Gilt lettering decoration spine dulled. Mild cover and edge wear. Marbled endpapers and edges. Bindings tight. Complete with 12 colored plates--chromoxylographs--and 22 woodcuts as issued. The text and images are fresh. xvi, [2], 412; vi, [2], 468 pp. A handsome set of what has long been considered one of Burton's best works. \$3,750.00

3. **EDKINS, Joseph, D. D.** OPIUM. Historical Note, or the Poppy in China. Shanghai: American Presbyterian Mission Press, 1898. A Near Fine First Edition First Printing in original cloth-backed printed paper-covered boards, with mild soil, edge wear. Title in gilt on spine. Text in English and Chinese. The first book published in English on opium. Scarce. 8vo. vii, 69, [xxxvi Chinese text] pp. \$2,750.00

4. **EINSTEIN, Albert. (SIGNED).** OUT OF MY LATER YEARS. New York: Philosophical Library, 1950. SIGNED BY ALBERT EINSTEIN on the title page without personalization. A Very Good++ hardback First Edition with mild cover edge wear in a Very Good+ Dust Jacket with minimal soil. Mild chips, sun, scuffs DJ spine. 8vo. 282 pp. \$4,000.00

5. **HAMILTON, Sir William Rowan.** RESEARCHES RESPECTING QUATERNIONS. First Series. Read November 13, 1843. Published in The Transactions of Royal Irish Academy. Vol. XXI Part II. 1847. [Hamilton's first "full and formal" publication on quaternions]. Dublin: Royal Irish Academy, 1847. Near Fine uncut and unbound sheets for Hamilton's first major paper on quaternions. Offered are the unbound sheets of the Science section of Volume 21 of the Transactions of the Royal Irish Academy, pp. 151-341. Hamilton's paper is on pp. 199-296. Minimal soil, scattered foxing. Housed in a modern quarter leather marbled board clamshell box with gilt rules, decorations and lettering on the spine. Printed paper label on the front cover. \$3,500.00
William Rowan Hamilton (1805-1865) perhaps Ireland's greatest polymath, made contributions to many areas of mathematics. The invention of quaternions is the achievement for which he is most often remembered (see PMM 334). Hamilton's first presentation of this work was to the Royal Irish Academy in 1843 and the first note was in the Philosophical Magazine (1844). A full exposition of his ideas, reflective of his lecture of 1843, was not published until the current paper being offered. Confirming its importance, Hamilton in a letter to Professor Augustus De Morgan dated May 7, 1847, writes in part: "My manuscript researches respecting quaternions and their application to geometry and physics, having attained a considerable extent, and a number of scattered notices (themselves by this time not very small in bulk), having been printed, I am urged by my friends in Dublin, and am myself now desirous, to make at least a beginning of that more full and formal publication which I have all along intended. After many hesitations as to whether I should not at once proceed to the parts which are more likely to interest and not to shock mathematical readers in general, I

have decided on following a more historical order; and have handed it to the Committee of Publication of the Royal Irish Academy, who have transmitted it to their printers, a Paper entitled 'Researches Respecting Quaternions, First Series'; in which paper I have endeavoured to insert nothing with the principles of which I was not familiar at the time of making my first communication to the Academy on quaternions, on the 13th of November, 1843. A good part of this Paper has been lying by me for some considerable time, and on the whole I think it very nearly what I would have drawn up in 1843, if our rules had been stringent enough to oblige me as an author to hand in at the time a MS"... (Life of William Rowan Hamilton).

6. **SCOTT, Robert F. (Falcon) (SIGNED and Inscribed to Ernest Joyce).** THE VOYAGE OF THE 'DISCOVERY'. London: Smith, Elder, 1905. SIGNED BY ROBERT F. SCOTT AND INSCRIBED BY HIM TO ERNEST JOYCE in the year of publication. Scott's inscription reads: "To Ernest E. Joyce, With the best wishes of the authorities of the expedition and of this Author, R. F. Scott, Oct 12, 1905". Beneath the inscription, in another hand, are dates of Joyce's Antarctic expeditions. TWO VOLUMES. First Edition First Printings Very Good+ Complete Set in original blue cloth bindings with gilt medallions on the covers and gilt lettering on the spines. With 260 illustrations, photogravure frontispieces, 12 colored plates, panoramas and maps (including two folding maps in rear pockets). Spine tips archivally repaired, spines sunned. Scattered mild soil, age darkened eps. 8vo. xix, [i], 556; xii, 508 pp. \$12,000.00

Robert Falcon Scott's (1868-1912) name is synonymous with the Heroic Era of Polar exploration and one of its greatest tragedies--the death of Scott and four comrades on the return trek after reaching the South Pole (and finding that Amundsen had been there first). These volumes are Scott's report on the earlier 'Discovery' expedition (1901-1904) in which Scott reached within 600 miles of the South Pole. The set is inscribed to Ernest Joyce (1875-1940) who participated in four Antarctic expeditions. The Discovery Expedition was his first. A wonderful and Rare Association Copy between two Polar explorers. A centerpiece of an Antarctic Collection.

EVOLUTION AND GENETICS

7. **BATESON, W. (William).** MENDEL'S PRINCIPLES OF HEREDITY. Cambridge: Cambridge University, 1909. Very Good++ hardback First Edition First Printing with mild cover edge wear, offsetting of frontispiece tissue guard to title page. Hinges, joints intact. 8vo. xiv, 396 pp. \$500.00
In Bateson's preface he states that the object of the current volume is to "give a succinct account in regard the Heredity made by the application of Mendel's method of research". He notes in the same preface that the object of his 1902 book was "To put Mendel's work before the English Speaking peoples and to repel the attack which the late Professor Weldon had recently made on the Mendelian methods and the conclusions drawn from them".

THE DISCOVERY OF GENETIC LINKAGE

8. **BATESON, W. & R. C. Punnett.** ON GAMERIC SERIES INVOLVING REDUPLICATION OF CERTAIN TERMS. Cambridge: Cambridge University Press, 1911. A Fine offprint in original printed wrappers from the Journal of Genetics, Vol. I, No. 4, December 9, 1911. Sm. 4to. \$250.00
In 1911 Bateson and his co-worker R. C. Punnett, introduced their Reduplication Hypothesis. This represents a further step in developing this "rationalist" program to deal with exceptions to the rule of the independent assortment of characters. When Punnett and he discovered what they called "Partial Gametic Coupling" or what we call "Linkage", they believed they could account for it by a further modification of the fundamental Mendelian ratio. (Olby "Mendel, Mendelism and genetics").

9. **COLE, F. J.** EARLY THEORIES OF SEXUAL GENERATION. Oxford: Oxford University Press, 1930. A Very Good+ hardback First Edition First Printing with mild cover edge wear, minimal scuffs and stains covers, small owner bookplate front paste-down, minimal foxing edges and endpapers. 8vo. x, 230 pp. \$250.00

10. **CRICK, F. H. C. and J. D. Watson.** VIRUS STRUCTURE: GENERAL PRINCIPLES. In Ciba Foundation Symposium on the Nature of Viruses, pp. 5-18. A Long Neglected Contribution by Crick & Watson. London: J. & A. Churchill, 1957. Offered is the Very Good++ entire hardback volume The Nature of Viruses with mild soil edges in a very Good++ Dust Jacket with minimal sun spine and edges, edge wear. 8vo. \$250.00

At the end of March 1956, Crick was back in London for a three-day symposium on the nature of viruses, organized by the Ciba Foundation...To that audience, Crick presented, as the first paper on the first day, the general principles of virus structure that he and Watson had worked out in the previous six months. Their argument was original and presumptuously elementary. Viruses were small. ..They appeared in the simplest shapes - either rods, like tobacco-mosaic virus, or spheres. Viruses contained a severely restricted amount of nucleic acid. Indeed, the number of nucleotides they possessed, in every case for which this had been estimated, was a small fraction of the number of amino acids in their protein. With a triplet code, not overlapping, "an RNA chain of ...6,000 bases...can code for a polypeptide chain (or chains) of total length 2,000 amino acids," Crick said. "To form a protein coat, however, we need at least 10 times as much as this, and probably 20 or 30 times as much." In sum: The Information required to synthesize the virus protein is contained in the RNA. As there is only a limited amount of RNA it can only carry a limited amount of information. Thus the protein molecules of the virus can only be of limited size. Rough numerical estimates show that this amount, used once, is not enough to produce a shell to cover the RNA. Thus the coat must be built up of identical subunits. (Judson, The Eighth Day of Creation pp. 315-316).

CRICK'S CANDID COMMENTS ON CODING

11. **CRICK, Francis H. C. (SIGNED) Nobel Laureate.** THE RECENT EXCITEMENT IN THE CODING PROBLEM. In Progress in Nucleic Acid Research, Volume 1, pp 163-217, 1963. New York: Academic Press, 1963.

SIGNED BY FRANCIS CRICK AT HIS PAPER. Offered is the entire Near Fine hardback volume, with mild foxing edges, minimal cover edge wear. In a Very Good+ Dust Jacket with closed tears, edge wear, mild foxing. 8vo. xiv, 424 pp.\$1,500.00
Francis H. C. Crick (1916-2004) was awarded the Nobel Prize in Physiology or Medicine in 1962. The cracking of the first of the genetic codes in 1961 by Nirenberg and Matthaei started a race among molecular biologists to find the rest, resulting in faulty work and hasty publication. In this aptly titled review of the current state of the research, Crick included two sections entitled "Criticisms". He wrote, "There are so many criticisms to be brought against this type of experiment one hardly knows where to begin." (Judson, Eighth Day of Creation, p. 469, 1996) In summary he called for rigorous experimental proof. "...we do not want to guess the genetic code, we want to know what it is."

12. **(Francis Crick--SIGNED) KJELDGAARD, Niels Ole (SIGNED).** DYNAMICS OF BACTERIAL GROWTH. Copenhagen: Arnold Busck, 1963. FROM THE LIBRARY OF FRANCIS CRICK AND SIGNED BY HIM ON THE FRONT WRAPPER WITH HIS INITIALS 'FHCC'. INSCRIBED 'WITH KIND REGARDS' AND SIGNED BY NIELS OLE KJELDGAARD. Near Fine First Edition First Printing in original printed wrappers with small stains on rear wrapper. Contents fresh and clean. 8vo. 115 pp. \$400.00
The current report came at an exciting time in the development of our thinking regarding molecular genetics. It followed Crick et. al. brilliant 1961 paper 'Nature of the Genetic Code for Proteins' and Nirenberg's work with RNA. Both of these are quoted by Kjeldgaard. While Crick was not renowned as a laboratory scientist, it is in the area of bacteria and phage genetics that he did his best and most productive bench work. These efforts and others' work on DNA, RNA and proteins is well summarized here. The current monograph, Signed by both the author and Crick, provides a fine association linkage between these two researchers and the field of bacterial genetics.

13. **DARLINGTON, C. D. (SIGNED).** THE LITTLE UNIVERSE OF MAN. London: George Allen & Unwin, 1978. SIGNED, INSCRIBED AND DATED IN THE YEAR OF PUBLICATION BY C. D. DARLINGTON. A Near Fine hardback First Edition First Printing in a Very Good++ Dust Jacket with mild sun spine. 8vo. 307 pp. \$125.00

14. **DAWKINS, Richard. (SIGNED) Drawings by Lalla Ward.** CLIMBING MOUNT IMPROBABLE. New York: W. W. Norton, 1996. SIGNED BY RICHARD DAWKINS. A Fine hardback Stated American First Edition First Printing in a Fine Dust Jacket. 8vo. xii, 340 pp. Older Signed works of Professor Dawkins are scarce. \$300.00

15. **DAWKINS, Richard. (SIGNED) With Additional Reserach by Yan Wong.** THE ANCESTOR'S TALE. A Pilgrimage to the Dawn of Life. Boston: Houghton Mifflin, 2004. SIGNED BY RICHARD DAWKINS. A Fine hardback First Edition First Printing Fine Dust Jacket. 8vo. 528 pp. A Scarce Signed book. \$250.00

16. **FRANKLIN, Rosalind E. and R. G. Gosling.** EVIDENCE FOR 2-CHAIN HELIX IN CRYSTALLINE STRUCTURE OF SODIUM DEOXYRIBONUCLEATE In Nature, Vol. 172, No. 4369, Saturday, July 25, 1953, pp. 156-157. [X-ray crystallography evidence for Watson & Crick's Doubler Helix Model]. London: Macmillan, 1953. Offered is a Very Good++ entire issue of Nature in self wrappers with mild foxing edges, ink stamp front cover. sm. 4to. In describing the structure they found, Franklin & Gosling comment "...This is exactly what would occur for two co-axial chains related by a diad axis, as suggested by Watson and Crick..." \$500.00

17. **GALTON, Francis.** TYPICAL LAWS OF HEREDITY. London: Royal Insitution of Great Britain, 1877. A Near Fine offprint in self wrappers from The Royal Institution of Great Britain, Weekly Evening Meeting, Friday, February 9, 1877. 8vo. 20 pp. \$225.00

18. **GODDARD, Henry Herbert.** THE KALLIKAK FAMILY. A Study in the Heredity if Feeble-Mindedness. New York: Macmillan, 1912. A Very Good+ hardback First Edition First Printing in blue cloth covers with gilt lettering spine and front cover. Scattered marginal ink marks, few ink notes rfep, mild cover edge and spine wear. 8vo. xv, 121 pp. + Ads. \$150.00

19. **GOULD, Stephen Jay.** ONTOGENY AND PHYLOGENY. Cambridge: Harvard University Press, 1977. A Near Fine hardback First Edition First Printing with owner name fep, soil edges in a Very Good++ Dust Jacket with minimal sun spine, edge wear, scuffs. 8vo. ix, 501 pp. Author's First Book. \$300.00

20. **LANDER, Eric S. and Michael S Waterman, Eds. (SIGNED).** CALCULATING THE SECRETS OF LIFE. Applications of the Mathematical Sciences in Molecular Biology. Washington, DC: National Academy Press, 1995. SIGNED 3 TIMES BY ERIC S. LANDER AS EDITOR AND ON BOTH OF HIS CONTRIBUTIONS---Chapter 1: "The Secrets of Life: A Mathematician's Introduction to Molecular Biology" & Chapter 2: "Mapping Heredity: Using Probabilistic Models and Algorithms to Map Genes and Genomes". An As New hardback First Edition First Printing with no Dust Jacket as issued. 8vo. xii, 285 pp. \$175.00

21. **LEVENE, Phoebus A. (SIGNED) and Lawrence W. Bass.** NUCLEIC ACIDS. No. 56 in the American Chemical Society Monograph Series. New York: Chemical Catalog Company, 1931. SIGNED AND INSCRIBED BY P. A. LEVENE TO NOTED BIOCHEMIST GABRIEL BERTRAND. A Very Good++ hardback First Edition First Printing with mild soil edges. 8vo. 337 pp. \$750.00
Phoebus Aaron Theodore Levene (1869 - 1940) did pioneering work on nucleoproteins and nucleic acids. He showed there were two principal types of nucleic acids in cells (RNA and DNA), identified the four nucleotides from yeast RNA, and demonstrated that the nucleic acids are long polymers of four nucleotides. His "tetranucleotide hypothesis", that DNA was made up of equal repeating units of its four nucleotides, reinforced the early idea that DNA was too simple to carry genetic information. Unfortunately, Levene died four years before Oswald Avery demonstrated that RNA

and DNA were important in transmission of hereditary information (DSB Vol 8, 275-276.)

22. **LURIA, S. [Salvador] E. (SIGNED) Nobel Laureate in Physiology or Medicine (1969).** LIFE. THE UNFINISHED EXPERIMENT. New York: Scribners, 1973. SIGNED, INSCRIBED AND DATED BY S. E. LURIA. A Near Fine hardback Stated First Edition First Printing in a Very Good++ price clipped Dust Jacket with mild edge wear, creases rear flap of Dust Jacket. 8vo. 167 pp. \$200.00
The Nobel Prize in Physiology or Medicine 1969 was awarded jointly to Salvador Luria, Max Delbruck and Alfred D. Hershey "For their discoveries concerning the replication mechanism and the genetic structure of viruses."

23. **MOORE, James R. (SIGNED).** THE POST-DARWINIAN CONTROVERSIES. A Study of the Protestant Struggle to Come to Terms with Darwin in Great Britain and America, 1870-1900. Cambridge: Cambridge University Press, 1979. SIGNED, INSCRIBED, AND DATED BY JAMES R. MOORE IN THE YEAR OF PUBLICATION. A Near Fine hardback First Edition, First Printing in a Near Fine Dust Jacket with mild sun spine. 8vo. xi, 502 pp. \$100.00

24. **MORGAN, Thomas Hunt. Nobel Laureate.** EXPERIMENTAL ZOÖLOGY (ZOOLOGY). New York: Macmillan, 1907. A Very Good+ hardback First Edition First Printing with minimal cover edge and spine wear, owner name fep, age darkening page edges. The fourth volume by Nobel Laureate Thomas Hunt Morgan coming just three years after his appointment as Professor of Experimental Zoology at Columbia University. 8vo. xii, 454 pp. + Ads. Rare. \$300.00
Thomas Hunt Morgan (1886-1945) was a noted biologist and geneticist. His work with the fruit fly, Drosophila melanogaster, over many years established the chromosomal theory of heredity in which genes responsible for particular traits are aligned linearly along the chromosome. For this work he was awarded the Nobel Prize in Medicine or Physiology in 1933 "For his discoveries concerning the role played by the chromosome in heredity".

25. **MORGAN, Thomas Hunt. Nobel Laureate in Medicine or Physiology.** WHAT IS DARWINISM? New York: Norton, 1929. Near Fine hardback First Edition First Printing with 3mm round punch hole rfep, likely from publisher in a Near Fine Dust Jacket with sun spine. 12mo. xii, 13-78 + 1 Ad pp. Rare in this condition with Dust Jacket. \$400.00

26. **MULLER, H. J. (Hermann Joseph). Nobel Laureate.** THE PRODUCTION OF MUTATIONS. Nobel Lecture delivered December 12, 1946 at the Karolinska Institute. Washington DC: American Genetic Association, 1947. Near Fine offprint, First Separate Edition from The Journal of Heredity Volume 38, No. 9, September 1947. In the original printed wrappers with Dr. Muller's speech given at the Nobel banquet (December 10, 1946) on the verso of the front wrapper, as issued. Owner name front wrapper. 8vo. pp. 259-270. \$400.00

27. **MULLER, Hermann J. Nobel Laureate.** THE MECHANISM OF CROSSING-OVER. New York: American Naturalist, 1916. A Very Good+ offprint in original printed wrappers from the American Naturalist, 1916, pp. 193-434, with small chip archivally repaired rear cover, small piece missing lower spine tip, short closed tear front cover, cover edge wear. 8vo. PhD Thesis of this Nobel Laureate. \$500.00 *His interest in genetics was unabated, however, and he remained in daily contact with two of his classmates, Alfred H. Sturtevant and Calvin B. Bridges, who were working at Columbia with Thomas Hunt Morgan. In 1912 Muller himself was accepted by Morgan as a graduate student; he rapidly established a reputation for imaginative theorizing on crossing-over, contributed the new concepts of coincidence and interference in the resolution of genetic maps and established the law of linear linkage. (DSB Vol. 9 p. 564).*

CRACKING THE GENETIC CODE

28. **NIRENBERG, Marshall W. Nobel Laureate in Physiology or Medicine and Heinrich Matthaei.** THE DEPENDENCE OF CELL-FREE PROTEIN SYNTHESIS IN E. COLI UPON NATURALLY OCCURRING OR SYNTHETIC TEMPLATE RNA. In Proceedings of the Fifth International Congress of Biochemistry, Moscow 1961, Vol. I, Biological Structure and Function at the Molecular Level. pp. 184-189. Oxford: Pergamon Press, 1963. Offered is the entire Near Fine hardback volume. Mild foxing edges. From the library of Gerhard's Schramm with his stamp on fep. Schramm also presented at the conference and is known for his work on RNA and the tobacco mosaic virus. 8vo. xiii, 261 pp. \$750.00

Nirenberg came to the Moscow meeting as an unknown researcher and presented this paper to a handful of listeners. One of them told Francis Crick about it, and Nirenberg was asked to present it a second time at the end of a large session that Crick was chairing. Before hundreds of scientists, Nirenberg explained how he and his postdoctoral student, Heinrich Matthaei, had "cracked the code" for the first time. They attacked the problem by synthesizing a nucleic acid with a known base sequence and then finding which amino acid it converted to protein. (Judson, Eighth Day of Creation, pp. 463-464, 1996) Nirenberg received the Nobel Prize in Physiology or Medicine in 1968.

29. **OLBY, Robert C. (SIGNED) Introduction by C. D. Darlington.** ORIGINS OF MENDELISM. London: Constable, 1966. SIGNED BY ROBERT C. OLBY. A Very Good+ hardback First Edition, First Printing with foxing edges, endpapers. Scuff fep. In a Very Good+ Dust Jacket with mild chips, mild soil, mild foxing. 8vo. 204 pp. A Scarce Signed Volume. \$150.00

WATSON AND CRICK'S SECOND PAPER THE DOUBLE HELIX AND REPRODUCTION

30. **WATSON, James D. and Francis H. C. Crick Nobel Laureates.** THE GENETICAL IMPLICATIONS OF THE STRUCTURE OF DEOXYRIBONUCLEIC ACID. in Nature Saturday May 30, 1953. No. 4361. Vol. 171, pp. 943-984. London: Nature, 1953. Offered is the entire Very Good++issue of Nature without the original wrappers in modern blue wrappers with printed label on the front cover. The issue has been slightly trimmed without any loss of text or

images. Dampstain first page not affecting the Watson & Crick paper which is on pp. 964-967. \$500.00 *Watson & Crick in their first paper describing the structure of DNA (Nature April 25, 1953) allude to the fact that their structure has important implications for reproduction. This paper, five weeks later, describes how DNA replicates. Their conclusion is elegant and simple: "...we feel that our proposed structure for deoxyribonucleic acid may help solve one of the fundamental biological problems--the molecular basis of the template needed for genetic replication".*

31. **WATSON, James D. (SIGNED).** GENES, GIRLS, AND GAMOW. After the Double Helix. New York: Alfred A. Knopf, 2001. SIGNED BY JAMES D. WATSON. An As New hardback Stated First Edition First Printing in an As New Dust Jacket. 8vo. xxix, 259 pp. + 22 pp. \$180.00

32. **WATSON, James D. (SIGNED) Introduction by Walter Gratzer.** A PASSION FOR DNA. Genes, Genomes, and Society. Cold Springs Harbor: Cold Springs Harbor Laboratory Press, 2000. SIGNED BY JAMES D. WATSON. An As New hardback First Edition First Printing in an As New Dust Jacket. 8vo. xx, 250 pp. \$400.00

33. **WILKINS, M. H. F. Nobel Prize Laureate. (SIGNED by Francis Crick).** MOLECULAR STRUCTURE OF DEOXYRIBOSE NUCLEIC ACID AND NUCLEOPROTEIN AND POSSIBLE IMPLICATIONS IN PROTEIN SYNTHESIS. In The Structure of Nucleic Acids and their Role in Protein Synthesis, Biological Society Symposia No. 14, pp. 13-26, 1957. Cambridge: Cambridge University Press, 1957. SIGNED BY FRANCIS CRICK AT HIS DISCUSSION OF WILKINS PAPER (P. 25). Offered is the entire Near Fine hardback volume with owner's name fep. In a Very Good+ Dust Jacket with minimal sun spine, mild edge darkening, mild wear. 8vo. 74 pp. \$600.00

MEDICINE

34. **(Anonymous).** MEDICAL BOTANY: OR, HISTORY OF PLANTS IN THE MATERIA MEDICA of the London, Edinburgh, and Dublin Pharmacopoeias. Arranged According to the Linnean System. [In Two Volumes. Illustrated by One Hundred and Thirty Eight Hand Coloured Plates, and Portrait of Linnaeus]. London: Printed for E. Cox, 1819. TWO VOLUMES dated 1819 and 1821. Complete Set. Two Very Good hardback First Edition First Printings bound in half leather over textured cloth with gilt decorations. Both volumes rebounded with the original spine strips laid down. Illustrated with an engraved portrait of Linnaeus and 138 hand colored botanical plates. Mild soil, text offsetting on final leaves of Vol. I, and occasionally onto some of the plates in both volumes. Owner name on both title pages. (ii) xii, 236 pp. (2); (2), ii, 236 pp. (ii) viii, Indices. \$3,500.00 *Pritzel 10706; Jackson 201. Not in Johnston "Cleveland Herbal..." There is a note in Johnston with the 1821-1822 edition (No. 854)" According to the Stiftung account, this [the 1821-1822 edition] is the second edition of this anonymous work, which was originally printed from 1819 through 1821." That is indeed our set on offer dated 1819 and 1821 in the first and second volumes respectively.*

FIRST DESCRIPTION OF AN AUTO-IMMUNE DISEASE

35. **DONATH, Julius and Karl Landsteiner. Nobel Laureate in Medicine or Physiology (1930).** UEBER PAROXYSMAL HÄMOGLOBINURIE. Munchen: J. F. Lehmann, 1904. A Near Fine offprint in original printed wrappers from Munchen medicin Wochen no. 36, 1904, pp. 12. 8vo. \$150.00

The first description of the auto-antibody, and of an auto-immune disease, paroxysmal cold hemoglobinuria. See A. M. Silverstein, A History of Immunology, New York, Academic Press, 1989, Ch. 8, The Donath-Landsteiner autoantibody.

SALVARSAN A TREATMENT FOR SYPHILIS

36. **EHRlich, Paul. Nobel Laureate in Physiology or Medicine (1908).** GRUNDLAGEN UND ERFOLGE DER CHEMOTHERAPIE. Stuttgart: Ferdinand Enke, 1911. Fine in original printed wrappers. Pages uncut. 26 pp. + Plates. 8vo. \$400.00

Heirs of Hippocrates 2160. One of the first successful uses of Salvarsan was in the treatment of syphilis. This Brief work on the basics of chemotherapy includes thirteen photographs vividly portraying the efficacy of this new therapeutic mode. Paul Ehrlich and Elie Metchnikoff shared the 1908 Nobel Prize in Physiology or Medicine "in recognition of their work on immunity."

37. **EHRlich, Paul. Nobel Laureate in Physiology or Medicine (1908).** UEBER TOXINE UND ANTITOXINE. [About Toxin and Antitoxin]. Berlin: Urban & Schwarzenberg, 1901. A Near Fine First Separate Edition offprint in original printed wrappers from Therapie der Gegenwart, Jahrgang 1901, with minimal soil covers. 12mo. 32 pp. \$200.00

38. **EINTHOVEN, Willem. Bibliography by H. A. Snellen.** SELECTED PAPERS ON ELECTRO-CARDIOGRAPHY OF WILLEM EINTHOVEN. Leiden: Leiden University Press, 1977. A Near Fine hardback First Edition First Printing in a Very Good++ Dust Jacket with mild scuffs and edge wear. 8vo. 306 pp. \$325.00

39. **EUSTACHIUS (Eustachii) Bartolomaeus (Bartolomeo, Bartolomaei). (Notes by Giovanni Maria Lancisi).** TABULAE ANATOMICAE Clarissimi viri Bartolomaei Eustachii quas e tenbris tandem vindicatas et Claeantis Papae XI Munificentia dono acceptas, praefatione ac notis illustravit Joh. Maria Lancisius Archiater Pontificius. Rome: Sumptibus Laurentii & Thomae Pagliarini Bibliopol. sub signo Palladis. Typographia Rochi Bernabo, 1728. Second Roman Edition. Contemporary full calf binding with gilt decoration, spine label. marbled edges, endpapers. Binding mildly worn, joints archivally reinforced. Engraved frontispiece. Engraved title page in red & black. All 47 engraved anatomic plates are present and quite fresh. Mild foxing with minimal on the plate leaves, virtually all outside the printed margins of the plates. First published in 1714, the two Roman editions are the only ones printed unaltered directly from the original 1552 plates. Folio. xxviii, 79, [10 Index] + 47 Plates. \$5,000.00

The plates in the current volume, completed from Eustachius' drawings in 1552, were intended for an anatomic text which was never written. Only eight of the plates were published

with Eustachius' notes. The remainder of the notes was lost; the plates were passed to his assistant and eventually deposited in the Vatican Library. There they lay for 150 years until rediscovered in the early eighteenth century by Giovanni Maria Lancisi, the Pope's physician, who added his own comments and had the entire work published, including Eustachius' notes to the eight previously published images. (Heirs of Hippocrates 324). Osler 2543; Garrison-Morton 391 (all for the 1714 Edition)

40. **(William Harvey) KEYNES, Geoffrey. (SIGNED).** THE LIFE OF WILLIAM HARVEY. Oxford: Oxford University Press, 1966. SIGNED TO CHARLES RYSKAMP LATE DIRECTOR OF THE PIERPONT MORGAN LIBRARY AND FRICK COLLECTION, INSCRIBED AND DATED IN THE YEAR OF PUBLICATION BY GEOFFREY KEYNES. A Near Fine hardback First Edition First Printing in a Very Good++ Dust Jacket with small chips Dust Jacket spine tip and short closed tears. Sm. 4to. xviii, 483 pp. An interesting association copy.

\$250.00

TREATMENT OF DISEASE WITH STEROIDS THE BEGINNING

41. **HENCH, Philip S. and Edward C. Kendall. Nobel Laureates in Medicine.** THREE PAPERS: 1) THE EFFECT OF A HORMONE OF THE ADRENAL CORTEX (17-HYDROXY-11-DEHYDROCORTICOSTERONE: COMPOUND E) AND OF PITUITARY ADRENOCORTICOTROPIC HORMONE ON RHEUMATOID ARTHRITIS. Preliminary Report. 2) THE EFFECTS OF THE ADRENAL CORTICAL HORMONE (17-HYDROXY-11-DEHYDROCORTICOSTERONE: COMPOUND E) ON THE ACUTE PHASE OF RHEUMATIC FEVER. Preliminary Report. 3) EFFECTS OF CORTISONE ACETATE AND PITUITARY ACTH ON RHEUMATOID ARTHRITIS, RHEUMATIC FEVER AND CERTAIN OTHER CONDITIONS. 1949. Three Fine offprints, two in self wrappers and one in original printed wrappers. 8vos. 16 pp, 21 pp, 122 pp. Published (with other authors) in: 1) Staff Meetings of the Mayo Clinic 24:181-197, 1949. 2) Staff Meetings of the Mayo Clinic 24:277-297, 1949. 3) Archives of Internal Medicine, Vol. 85, 545-666. \$300.00

GM4508, GM4509, and the definitive clinical study of cortisone in rheumatoid arthritis. Philip S. Hench and Edward C. Kendall, together with Tadeus Reichstein, shared the 1950 Nobel Prize in Physiology or Medicine "for their discoveries relating to the hormones of the adrenal cortex, their structure and biological effects."

42. **LANDSTEINER, Karl. Nobel Laureate in Medicine or Physiology (1930).** INDIVIDUAL DIFFERENCE IN HUMAN BLOOD. [First Printing in English of Landsteiner's Nobel Lecture]. Science, 1894. A Near Fine offprint First Separate Edition in English (Landsteiner's Nobel Lecture was in German) in self wrappers from Science, April 17, 1931, Vol. 73, No. 1894, pp. 403-409. \$150.00

Karl Landsteiner was awarded the Nobel Prize in Medicine or Physiology 1930 "for his discovery of human blood groups."

FIVE HAND-COLORED PLATES

43. **MORTON, Thomas.** THE SURGICAL ANATOMY OF INGUINAL HERNIAE [Hernia] THE TESTIS AND ITS COVERINGS. London: Printed for Taylor and Walton Booksellers and publishers to University College, 1841. First Edition, Colored Issue in the original publisher's ribbed green cloth with the original paper label on the spine. The label is chipped but still legible (including the price 12s Coloured Issue; 9s Plain Issue). Covers mildly worn, spotted on rear. Contemporary signature title page. Mild marginal soiling. Complete with five striking hand colored lithographs--four double page and engraved from original drawings by Morton, the engravings by his brother Andrew. The fifth lithograph taken from an engraving in Scarpa's Treatise on Herniae. Eleven woodcut text illustrations. Sm. 4to. [4], 209-330, [2 Ads] pp. An elegant volume on surgical anatomy with fine hand colored plates. Rare.

This is the third of Morton's four separately issued, but continuously paginated, monographs on surgical anatomy. . The striking plates were drawn and boldly signed in the plate by Andrew Morton, a leading London portrait painter and lithographed by William Fairland. D'Arcy Power (in DNB) commented that these works mark the revival of an artistic representation of anatomical detail.

44. **PASTEUR, Louis.** ÉTUDES SUR LA BIÈRE SES MALADIES, CAUSES QUI LES PROVOQUENT PROCÉDÉ POUR LE RENDRE INALTÉRABLE AVEC UNE THÉORIE NOUVELLE DE LA FERMENTATION. [Pasteur's Work on Fermentation]. Paris: Gauthier-Villars, 1876. A Very Good++ hardback First Edition First Printing in green half leather and green satin covered boards, raised bands spine, gilt lettering and decoration spine, marbled endpapers. Minimal sun spine, upper front hinge split, owner bookplate ffp, age darkening page edges. Rare First Edition. 8vo. vii, 387 (1) pp. 85 text figures and 12 plates. \$350.00

Pasteur was the discoverer of the theory of vital fermentation which superseded the contact theory of Berzelius and the mechanical one of Liebig. "He took up the study of the spoiling of beer by microorganisms again showing the advantages of pasteurization." (Garrison, History of Medicine pp. 576-7). It was during his research into the nature of fermentation, with their revolutionary influence on the manufacture of beer, that Pasteur received the celebrated letter from Lister, acknowledging the value of his work in relation to antiseptic surgery. Thus Pasteur was gradually transformed from a chemist to a medical man, particularly in his method of attacking the problem of infectious diseases (G-M 2485, Osler: 1550). "Etudes sur le Biere" not only discussed the practical problems of brewing but also recapitulated the series of debates over fermentation in which Pasteur had been embroiled since the publication of "Etudes sur le vin." Pasteur sought to prove that the "Diseases" of beer are caused by foreign microorganisms and proposed a reformed brewing process to eliminate them. (Norman Library 1658). (G-M 2485).

45. **POTT, Percivall.** REMARKS ON THE DISEASE, COMMONLY CALLED A FISTULA IN ANO. London: L. Hawes, W. Clarke, and R. Collins, 1765. A Very Good+ hardback First Edition First Printing in full contemporary leather binding with raised bands spine, gilt lettering on

leather spine label. Mild chip spine label, scuffs covers, age darkening endpapers and page edges, scattered foxing, minimal cover edge wear. 8vo. xi, 115 pp. With a full-page engraved plate. \$2,250.00

This copy belonging to E. A. Holyoke, an American physician who was an early practitioner of inoculation and a prominent educator (his signature appears on front free endpaper). This treatise is considered to be a classic in the field. "Percival Pott, of London, was a surgeon at St. Bartholomew's Hospital from 1744-88. Through a fall in the street, he sustained the particular fracture of the fibula which bears his name, and, taking up authorship while confined to his bed, he began to produce in rapid succession such masterpieces as his treatises on hernia, head injuries, hydrocele, fistula in ano, fractures and dislocations, (etc.)." (Garrison, History of Medicine p. 344). "He was a penetrating observer who brought to his ~~17,000~~ practice a grounding in anatomy far deeper than the norm of his time." (Zimmerman & Veith 324-37). Probably the greatest English classic of colon-rectal surgery. Pott recommended the practice of simple division rather than the newer, more complicated methods proposed by Cheselden and Le Dran, and audaciously pointed out that there were lessons regular practitioners might learn from quacks apropos of this subject. (G-M 3424.2). Norman 12733.

46. **STRUNGE, Tage. (SIGNED).** LA PONCTION DES GANGLIONS LYMPHATIQUES. Une Description Cytologique Controlée par la Clinique. An early study of lymph node aspiration as a means of Cytodiagnosis. Copenhagen / Paris: Ejnar Munksgaard / C. Klincksieck, 1944. SIGNED, INSCRIBED IN FRENCH AND DATED BY TAGE STRUNGE. Very Good+ in original printed wrappers with soil covers, tears cover edges. 28 color figures and 12 black and white figures at rear of book. 22 black and white figures in text. 8vo. 138 pp. + Figure Plates. \$200.00
A very early work on puncture and cell aspiration from lymph nodes as a means of cytodiagnosis.

PHYSICS and MATHEMATICS

BETHE'S BIBLE

47. **BETHE, Hans, Robert Bacher and Milton S. Livingston.** NUCLEAR PHYSICS A. Stationary States of Nuclei (Bethe & Bacher); NUCLEAR PHYSICS B. Nuclear Dynamics, Theoretical (Bethe); C. NUCLEAR PHYSICS C. Nuclear Dynamics, Experimental (Livingston & Bethe). New York: 1936. Very Good collection of Bethe's seminal papers on nuclear physics privately bound in half leather green buckram boards with gilt lettering on spine. Covers with mild edge wear. Mild scattered soil. Vertical crease first page Bowen paper. Old and darkened marginal tape repairs to several pages of the Livingston & Bethe paper. 4to. All papers from issues of "Reviews of Modern Physics" Vol. 8, No. 2, April 1936 pp. 88-229 (Included is Bowen's paper "Forbidden Lines" pp. 55-81); Vol. 9 No. 2, April 1937 pp. 69-244 and Vol. 9, No. 3, May 1937 pp. 245-390 respectively. \$450.00
Hans Bethe (1906-2005) is a German-American physicist who was awarded the Nobel Prize in Physics (1967) for "His contributions to the theory of nuclear reactions, especially his discoveries concerning the energy production in stars". In 1935 he moved to the United States and became a faculty member at Cornell University. There he was joined by other

physicists including Bacher and Livingston. Together they wrote three papers summarizing the then known world of nuclear physics. These articles were informally known as "Bethe's Bible" and were the standard references in the field for many years.

48. **CARTAN, Élie.** LA GÉOMÉTRIE DES ESPACES DE RIEMANN. Mémorial des Sciences Mathématiques Fascicule IX. Paris: Gauthier-Villars et Cie, Editeurs, 1925. A Near Fine Offprint, First Separate Edition in the original pink printed wrappers. 8vo. 60, [4] pp. \$700.00

Elie Cartan's (1869-1951) contributions to differential geometry are no less impressive, and it may be said that he revitalized the whole subject, for the initial work of Riemann and Darboux was being lost in dreary computations and minor results, much as had happened to elementary geometry and invariant theory a generation earlier. (DSB Vol. 3).

49. **CLAUSIUS, Rudolph Julius Emanuel.** UEBER VERSCHIEDENE FÜR DIE ANWENDUNG BEQUEME FORMEN DER HAUPTGLEICHUNGEN DER MECHANISCHEN WÄRMETHEORIE. In Annalen der Physik und Chemie. Funfte reihe, volume 125 (CXXV). pp. 353-400. [Introduction of the term "Entropy"]. Leipzig: Johann Ambrosius Barth, 1865. Offered is the entire Very Good++ volume 125 in contemporary half leather, marbled boards. King's College library and small withdrawn stamp front paste down. No other markings. minimal cover wear. Binding tight. Clausius' paper is on pp 353-400. Scarce.

\$750.00

While Clausius had earlier enunciated the second law of thermodynamics, in this paper he coins the term "entropy" as a shorthand for that law. While the paper is 48 pages in length, Clausius leaves the best for last, his concluding two sentences (in italics in the original): "1) Die Energy der Welt ist constant. 2) Die Entropy der Welt strept einem Maximum zu". The energy of the world is constant. The entropy of the world strives for a maximum state.

50. **CONN, G. K. T. and H. D. Turner.** THE EVOLUTION OF THE NUCLEAR ATOM. London / New York: Iliffe Books / American Elsevier, 1965. A Near Fine hardback First Edition First Printing in a Very Good++ Dust Jacket with minimal edge wear, small closed tears, sun spine. 8vo. 266 pp. An Uncommon First Edition in Dust Jacket.

\$150.00

51. **CROOKES, William.** ON RADIANT MATTER. A Lecture Delivered to the British Association for the Advancement of Science, at Sheffield, Friday, August 22, 1879. 1879. A Near Fine offprint in plain wrappers from Chemical News, Vol. 40 with minimal scattered foxing. 8vo. 30 pp. 21 figures. \$300.00

In this small pamphlet are several illustrations, including those of Crookes' Maltese cross tube and several radiometers, demonstrating the physical motive nature of electrons. In 1859 he founded the "Chemical News", a science magazine, which he edited for many years and conducted on much less formal lines than is usual with journals of scientific societies. Faraday's lecture was published in the standard biography which appeared soon after his death; and William Crookes, not recognising a survival of the corpuscular theory of light,

seems to have supposed that the lecture represented a new insight by a nab of genius. He applied his theory to explain the cathode rays which he had recently discovered. These rays, which proceed in straight lines from the cathode in a highly evacuated tube, are identical, whatever gas was originally present, and whatever metal the cathode is made from; and Crookes identified them with the radiant matter of Faraday. (DSB Vol. III, pp. 474-82; Knight, "Classical Scientific Papers", pp. 4-5)

52. **EDDINGTON, A. S.** GRAVITATION AND THE PRINCIPLE OF RELATIVITY. Royal Institution of Great Britain, Weekly Evening Meeting February 1, 1918. London: Royal Institution, 1918. Fine Offprint First Separate Edition original self wrappers. 8vo. 17 pp. Scarce with OCLC listing only one copy. \$200.00

Einstein's famous 1915 paper on the general relativity theory came to England in 1916 when deSitter sent a copy to Eddington who was Secretary of the Royal Astronomical Society. He immediately realized the revolutionary importance of the work and began a detailed study of the mathematics involved. In December, 1916 he wrote his first short paper on the subject (Nature vol 98 pp 328-330). At the request of the Physical Society of London, he prepared his "Report on the Relativity Theory of Gravitation" (1918), the first complete account of general relativity in English. The current offprint is Eddington's attempt to make the theory comprehensible to others. However, he does not shy away from the mathematical formalisms which are at the heart of the theory. There is a three page Appendix entitled "Outline of the Mathematical Theory of Einstein's Law of Gravitation". (See DSB vol. 4 p 280).

MANY WORLD'S INTERPRETATION OF QUANTUM MECHANICS

53. **EVERETT, Hugh III, and John A. Wheeler.** "RELATIVE STATE FORMULATION" OF QUANTUM MECHANICS (Everett) and ASSESSMENT OF EVERETT'S "RELATIVE STATE" FORMULATION OF QUANTUM MECHANICS (Wheeler). In July 1957 issue of Reviews of Modern Physics, Vol. 29, No. 2, pp. 454-462 and pp. 463-465. New York: American Physical Society, 1957. Offered is a Near Fine entire issue of Reviews of Modern Physics in original printed orange wrappers with minimal vertical scrape or cut front cover--does not go through. There is no writing or ownership marks in this issue. 4to. \$2,000.00

The first appearance of Hugh Everett's (1930-1982) "many-world interpretation" of quantum mechanics. Everett wanted to create a view of quantum mechanics that would lend itself to quantizing gravity, a goal that has long eluded researchers. In the accompanying supportive article, John Wheeler (Everett's thesis advisor) points out what a big step this is conceptually, equivalent to the foundational changes in physics provided by Newton, Maxwell, and Einstein. Everett's work was ignored and he left physics. Bryce DeWitt, also an author in this issue, corresponded with Everett and in 1970 brought his work to the attention of the physics community, calling it the "many-worlds interpretation". With new issues arising in quantum mechanics, such as quantum entanglement, Everett's work has been resurrected.

54. **FEYNMAN, Richard and Steven Weinberg. (SIGNED) Nobel Laureates in Physics.** ELEMENTARY PARTICLES AND THE LAWS OF PHYSICS. The 1986 Dirac Memorial Lectures. Cambridge: Cambridge University, 1987. SIGNED TWICE BY STEVEN WEINBERG without personalization. A Fine hardback First Edition, First Printing in a Fine Dust Jacket. x, 110 pp. \$400.00

55. **GAMOW, George.** CONSTITUTION OF ATOMIC NUCLEI AND RADIOACTIVITY. Oxford: Clarendon Press, 1931. Near Fine hardback First Edition First Printing with age toning eps, mild edge soil in a Very Good++ Dust Jacket with age toning, sun spine, minimal edge wear. No writing or marks of any kind. A Rare First Edition in Dust Jacket 8vo. viii, 114, Folding periodic table pp. \$500.00

The current volume (from Gamow's preface) is aimed to "give as complete an account as possible of our present experimental and theoretical knowledge of the nature of atomic nuclei". it is a comprehensive, underappreciated volume that ends intriguingly with Gamow's work on "Artificial Transformation of Nuclei".

56. **HALE, William.** HALE'S ROCKETS AND ROCKET-MUSKETS. In *Mechanic's Magazine* Saturday November 18, 1854. London: Richard Archibald Brooman, 1854. Near Fine spine taped and string tied complete issue No. 1632 of *Mechanics Magazine* self wrappers. The first three pages (pp. 482-284) are devoted to a description of William Hale's rockets as noted in his recent (1853, 1854) patents. The front page of the magazine is an engraving showing 11 images of Hale's rockets and rocket-muskets described in the following paper. Scarce. 8vo. pp. 481-504. \$250.00
William Hale (1797-1870) was noted for his work with rockets and weapons based on rocket principles. He invented the rotating rocket in 1844, the principles of which he further explains in the text of the current work. Based on this and his other research he wrote "Treatise on the Comparative Merits of a Rifle, Gun and Rotary Rocket" in 1863. It was one of the first works treating the exterior ballistics of spinning and non spinning rockets. (See DSB vol. 6 pp. 34-35)

57. **HANSON, Norwood Russell. (SIGNED).** THE CONCEPT OF THE POSITRON. A Philosophical Analysis. Cambridge: Cambridge University Press, 1963. SIGNED AND INSCRIBED BY NORWOOD RUSSELL HANSON. A Near Fine hardback First Edition First Printing with gilt lettering spine. 8vo. ix, 236 pp. A Scarce Signed Work. \$125.00

58. **PIRAN, T. and S. [Steven] Weinberg (Editors). Nobel Laureate in Physics 1979. (SIGNED).** INTERSECTION BETWEEN ELEMENTARY PARTICLE PHYSICS AND COSMOLOGY. Volume 1. Jerusalem Winter School For Theoretical Physics. Jerusalem. 28 Dec 1983 - 6 Jan 1984. Singapore: World Scientific, 1986. SIGNED BY STEVEN WEINBERG ON TITLE PAGE. A Very Good++ hardback First Edition First Printing with minimal sun spine, owner name ffepp. 8vo. ix, 220 pp. \$350.00

59. **LORD RAYLEIGH (John Strutt) and William Ramsay.** ARGON, A NEW CONSTITUENT OF THE ATMOSPHERE. Smithsonian Contribution to Knowledge

1033. Washington: Smithsonian Institution, 1896. Near Fine hardback First Edition First Printing in a Very Good+ Original unprinted tan Dust Jacket with mild soil, small chips. Due to technical issues related to delays in publishing, a revised version of this work was published in the *Philosophical Transactions for the Royal Society* in 1895 (with a shorter version in the 1894 edition of the *Proceedings of the Royal Society*--published as well in 1895). 4to. 43 pp. \$275.00

The discovery and isolation of argon was undoubtedly Rayleigh's most dramatic and famous accomplishment...Rayleigh used an induction coil to provide the electrical discharge for the oxidation of nitrogen, but the process of accumulating enough of the new gas to test its properties was a slow one. In the meantime Sir William Ramsay, having noted Rayleigh's nitrogen-density problem, proceeded to attempt the isolation of the unknown gas by much faster chemical means. Ramsay kept Rayleigh thoroughly informed of his activities, but some confusion and uncertainty still exist over whether Rayleigh actually gave Ramsay his scientific blessing. In the end both shared in the recognition for the discovery of argon and presented their results in a joint paper...It was largely because of this discovery that Rayleigh was awarded the Nobel Prize in physics in 1904, while Ramsay received the Nobel Prize in chemistry the same year. (DSB Vol. 13, pp 102-103). William Ramsay (1852-1916) was a noted chemist who, with Lord Rayleigh, discovered argon in 1894. Later he identified helium, neon, krypton and xenon. He was awarded the Nobel Prize for Chemistry in 1904.

SHOCKLEY ON THE TRANSISTOR

60. **SHOCKLEY, William (SIGNED and with a drawing of a Junction Transistor).** THE PATH TO THE CONCEPTION OF THE JUNCTION TRANSISTOR. From the *IEEE Transactions on Electron Devices*. July 1976 Vol ED-23, No. 7, pp 597-620. IEEE Electron Devices Society, 1976. SIGNED, INSCRIBED, DATED AND WITH A DRAWING OF A TRANSISTOR ALL IN WILLIAM SHOCKLEY'S HAND. Fine Offprint in the original yellow printed wrappers. 4to. 597-620. \$750.00

A fine historical paper of the junction transistor with emphasis both on the successes AND failures along the road to development. William Bradford Shockley (1910-1989) was a noted physicist who, in 1956, shared the Nobel Prize in Physics with John Bardeen and Walter Brattain for "their researches on semiconductors and their discovery of the transistor effect".

61. **SHOENBERG, D.** SUPERCONDUCTIVITY. Cambridge: Cambridge University Press, 1938. A Very Good+ First Edition First Printing in original printed wrappers with mild wear, darkening spine, mild soil covers and edges, War price stamp front cover. 8vo. x, 111 pp. Few pages uncut. A Scarce First Edition of this early classic work. \$400.00

62. **THOMSON, J. [Joseph] J. [John]. Nobel Laureate in Physics (1906).** CONDUCTION OF ELECTRICITY THROUGH GASES. (Thomson's Nobel Prize Work). Cambridge: Cambridge University Press, 1903. A Very Good++ hardback First Edition First Printing in green cloth binding with gilt lettering spine and front cover, minimal cover edge wear, foxing and age darkening endpapers. 8vo. vi, 566 pp. \$400.00

Thomson, who had all the apparatus to hand, immediately found that the new rays turned gases they traversed into conductors of electricity, and so offered a means much more convenient than disruptive discharge for producing gaseous ions. Under his guidance the advanced students at the Cavendish rushed to exploit the new tool, and to make the accurate measurements of ionic parameters on which the Professor built his theory of gas discharge. The first edition of the famous "Conduction of Electricity Through Gases" is a monument to these coordinated researches, in which McClelland, Rutherford, Townsend, and Zeleny played principal parts. The presence at this time of these "Research students" - graduates of other institutions allowed, by a reform introduced in 1895, to work for a research degree without first obtaining a Cambridge B.A. - was a great stroke of luck, as Thomson fully recognized. (*Dictionary of Scientific Biography*, Vol. 13, p. 366). The Nobel Prize in Physics 1906 was awarded to J. J. Thomson "in recognition of the great merits of his theoretical and experimental investigations on the conduction of electricity by gases."

63. **VOLTA, A. THE VOLTAIC PILE.** OBSERVATIONS ON ANIMAL ELECTRICITY; BEING THE SUBSTANCE OF TWO LETTERS FROM A. VOLTA TO PROFESSOR GREN and POSTSCRIPT TO VOLTA'S LETTERS ON ANIMAL ELECTRICITY In The Philosophical Magazine, Vol. IV (1799) pp. 59-68, 163-171, 305-312. London: Philosophical Magazine, 1799. First Edition in English. Offered is Near Fine entire Vol. IV of The Philosophical Magazine in modern brown buckram binding with gilt lettering spine, new endpapers. Mild soil edges, scattered soil and foxing pages. 8vo. \$1,000.00
Alessandro Volta (1745-1827) began in 1790s to study "animal electricity" reported by Galvani. It was soon apparent to him the frog's leg in Galvani's experiment was acting as both a conductor and a detector of electricity. So he reasoned that he could replace the frog with another substance (in this case salt soaked paper) which would act as both conductor and detector. The experiment worked and through it he discovered Volta's law of the electrochemical series. The current letters to A. C. Gren were Volta's recording of the next step in the process, namely the creation of the "Voltaic Pile", the first device that acted as a "battery" as we know it today.

64. **WEINBERG, Steven (SIGNED). Nobel Laureate in Physics.** A MODEL OF LEPTONS. in Physical Review Letters. Vol. 19 No. 21. pp. 1264-1266. New York: American Physical Society, 1967. SIGNED BY STEVEN WEINBERG at his paper without personalization. A Fine issue of the Physical Review Letters in the original green wrappers with black lettering. Mailing label on rear. Sm. 4to. \$1,500.00
In 1967 Dr. Weinberg was a visiting professor at MIT. In that year he proposed his model for the unification of electromagnetism and the nuclear weak force, with the masses of the force-carriers of the weak part of the interaction being explained by spontaneous symmetry breaking. One of its fundamental aspects was the prediction of the existence of the so called "Higgs boson". Experimental confirmation in 1973 of the analogous Z boson was one form of verification of Weinberg's postulated electroweak unification. The current paper is one of the most highly quoted works in high energy

physics. *Steven Weinberg (1933-) (with Sheldon Glashow and Abdus Salam) was awarded the Nobel Prize in Physics in 1979 for "their contributions to the theory of unified weak and electromagnetic interaction between elementary particles, including inter alia, the prediction of the weak neutral current".*

65. **WIGNER, Eugene P. (SIGNED) Nobel laureate.** SYMMETRIES AND REFLECTIONS. Scientific Essays of Eugene P. Wigner. Bloomington: Indiana University, 1967. First Edition. SIGNED AND INSCRIBED BY EUGENE P. WIGNER. A Near Fine hardback First Edition First Printing with two stamps rfeep in a Very Good++ price clipped Dust Jacket with mild soil, short closed tears. 8vo. viii, 280 pp. Photograph of Eugene P. Wigner laid in. \$250.00
Eugene P. Wigner (1902-1995) was awarded the Nobel Prize in Physics (1963) for "His contributions to the theory of the atomic nucleus and the elementary particles, particularly through the discovery and application of fundamental symmetry principles."

66. **WILSON C. T. R. (Charles Thomas Rees).** INVESTIGATIONS OF X-RAYS AND BETA-RAYS BY THE CLOUD METHOD. Part I. X-Rays And Part II Beta-Rays. Proceedings of the Royal Society Vol. CIV (104) pp. 1-24 & 192-212 +Plates. London: Royal Society, 1923. Fine First Edition extracts of Wilson's classic papers on his cloud chamber from the Proceedings of the Royal Society. Bound in modern marbled boards with the title and contents pages from the volume. University library blindstamp title page. No other markings. The 21 cloud chamber pictures of X-rays and beta-rays on coated stock printed recto only were the culmination of many years research by Wilson and at last showed the full potential of this method as a tool for particle physicists. \$850.00
Early in 1911 [Wilson] was the first person to see and photograph the tracks of individual alpha- and beta-particles and electrons... The event aroused great interest as the paths of the alpha-particles were just as W. H. Bragg had drawn them in a publication some years earlier. But it was not until 1923 [the current papers] that the cloud chamber was brought to perfection and led to his two, beautifully illustrated, classic papers on the tracks of electrons (Nobel Foundation). Dr. Wilson (1869-1959) was awarded the Nobel Prize in Physics in 1927 for "his method of making the paths of electrically charged particles visible by condensation of vapour". A. H. Compton was the co-winner for "his discovery of the effect named after him". (*Particle Physics 100 Years of Discoveries p. 41*).

PHILOSOPHY

67. **BERLIN, Isaiah. (SIGNED) Edited by Henry Hardy.** THE MAGUS OF THE NORTH. J. G. Hamann and the Origins of Modern Irrationalism. London: John Murray, 1993. SIGNED AND DATED ON THE TITLE PAGE IN THE YEAR OF PUBLICATION BY ISAIAH BERLIN. A Fine hardback First Edition First Printing in a Fine Dust Jacket. 8vo. xvi, 144 pp. \$450.00

CARNAP'S MAJOR TREATISE--SIGNED

68. **CARNAP, Rudolf. (SIGNED).** LOGICAL FOUNDATIONS OF PROBABILITY. Chicago: University of Chicago Press, 1951. SIGNED AND INSCRIBED BY RUDOLF CARNAP. A Very Good++ hardback Second Printing in red cloth binding with gilt lettering spine. Minimal sun spine, cover edge wear. 8vo. xvii, 607 pp. \$750.00

The field of probability was treated systematically and in detail in Carnap's major treatise, "Logical Foundations of Probability" (1950). His guiding thought was that a parallel exists between deductive logic and inductive logic. In deductive logic if we assert, say, a relation of L-implication between two sentences, we state something that (at least in principle) can be established by a logical analysis of the meanings of the sentences, provided a definition of "L-implication" is given. Our assertion is a complete statement and does not need to be supplemented by reference to specific rules. And, of course, the truth of the statement implies consequences with respect to the rationality of decisions: if A L-implies B and we accept A, then a decision based on B is justified. Similarly, in inductive logic if we assert that the degree of confirmation of A on the basis of B is some number k, we are also stating something that follows from the logical analysis of the meanings of the sentences and from the definition of "degree of confirmation." This assertion is likewise a complete sentence, requiring no reference to specific inductive rules, although it does depend on the definition of "degree of confirmation." Its truth, too, implies consequences about the rationality of decisions. In view of these similarities Carnap feels justified in claiming that basically the same relations exist between his inductive logic and the inductive processes as between deductive logic and the process of deduction. (Encyclopedia of Philosophy, Vol. II, pp. 31).

69. **CARNAP, Rudolf. (SIGNED).** PHILOSOPHY AND LOGICAL SYNTAX. A Volume in the Psyche Miniatures Series. London: Kegan Paul, Trench, Trubner, 1935. SIGNED AND INSCRIBED BY RUDOLF CARNAP TO THE NOTED EDUCATOR AND PHILOSOPHER, ARTHUR SCHILPP. A Very Good hardback First Edition First Printing bound in red spine and cream colored printed boards, paper spine label. Professor Schilpp's bookplate front paste down, mild sun and scuff spine, cover edges worn. 16mo. 100 pp. \$500.00

In the last of the Logische Syntax Der Sprache, as in all his major works, Carnap discussed the philosophical relevance of his findings. (The Same ground was covered in popular form in his Philosophy and Logical Syntax of 1935, [The current work] based on lectures delivered at the University of London in October 1934.) Two main points deserve mention. First, he identified the logic of science (which, for the Vienna circle, was to replace traditional philosophy) with the logical syntax of the language of science. Second, he located a prime source of philosophical pseudo problems in the use - in talk about syntax - of what he termed the "material mode of speech." (Encyclopedia of Philosophy, Vol. II, p. 29)

SIGNED BY JOHN DEWEY

70. **DEWEY, John. (SIGNED).** HUMAN NATURE AND CONDUCT. An Introduction to Social Psychology. New York: Henry Holt, 1922. SIGNED AND DATED IN THE

YEAR OF PUBLICATION BY JOHN DEWEY without personalization. A Very Good++ hardback First Edition First Printing with minimal cover edge wear, soil edges. 8vo. vii, 336 pp. \$750.00

In the Preface John Dewey (1859-1952) makes clear that this work is meant to discuss the importance of habit and the different types of habits that people display as keys to understanding human social psychology. It is considered one of his most important works.

71. **EPICETETUS. Translated by Elizabeth Carter.** THE WORKS OF EPICETETUS, CONSISTING OF HIS DISCOURSES, IN FOUR BOOKS, PRESERVED BY ARRIAN, THE ENCHIRIDION, AND FRAGMENTS. Two Volumes. London: F. C. and J. Rivington, 1807. TWO VOLUMES. Complete Set. Two Very Good++ hardback Fourth Editions in late 18th Century full brown leather binding with raised bands spines, gilt lettering and decoration spines, gilt ruled and with gilt floral design covers, floral inner dentelles, marbled endpapers, all edges gilt. Mild scattered foxing, minimal spotting edges and covers, small piece missing spine of volume two affecting the author's name, stain front cover of volume one, minimal cover edge wear. 8vos. 310 pp. 386 pp. + Index and Appendix. \$500.00

72. **FREGE, Gottlob.** THE THOUGHT: A LOGICAL INQUIRY. In Mind, Vol. LXV, No. 259, July, 1956, pp. 289-311. New York: Thomas Nelson, 1956. Offered is a Very Good+ entire issue of Mind in original printed wrappers with cover edge wear, small pieces missing spine tips. 8vo. \$250.00

73. **FULLER, R. Buckminster. (SIGNED) Kiyoshi Kuromiya.** CRITICAL PATH. New York: St Martin's Press, 1981. SIGNED BY R. BUCKMINSTER FULLER. A Very Good++ hardback First Edition LIMITED EDITION OF 250 SIGNED COPIES. THIS NO. 62. Binding is quarter gray cloth and burgundy cloth boards with gilt lettering and designed spine. Mild scuffs spine. In Near Fine burgundy cloth covered slipcase. 8vo. xxxviii, 471 pp. \$200.00

74. **HARTSHORNE, Charles (SIGNED).** CREATIVE SYNTHESIS AND THE PHILOSOPHIC METHOD. A volume in the Library of Philosophy and Theology Series. London: SCM Press, 1970. SIGNED BY CHARLES HARTSHORNE without personalization. A Very Good++ hardback First Edition First Printing with minimal soil and foxing edges, cover edge wear in a Very Good+ Dust Jacket with mild chips, short closed tears, minimal sun spine. 8vo. xxi, 337 pps. \$350.00

Charles Hartshorne (1897-2000) was a noted 20th century philosopher and the principal proponent of what has been termed "process theology". By that we mean that basic reality is a continuous process of change. God is viewed as not immutable, omnipotent or omniscient but, rather, as responding to events in a manner sometimes called 'divine relativity'. As such, God, like all else, is constantly changing. This concept, which Hartshorne developed based in large part on the ideas of Alfred North Whitehead, greatly influenced progressive Protestant theology. More recently, it has been discussed among Roman Catholic as well as Jewish scholars. (Obituary N. Y. Times October 12, 2000). American poet

Jeremy Ingalls was a close friend of Charles and Dorothy Hartshorne. An interesting Signed/Inscribed Association Copy.

75. **HILBERT, D. (David) and W. Ackermann.** GRUNDZUG DER THEORETISCHEN LOGIK. (Principles of Theoretical Logic). Berlin: Julius Springer, 1928. Near Fine hardback First Edition First Printing in the original printed yellow cloth covered boards with mild sun spine, cover. Owner name ffep. 8vo. viii, 120 pp. \$400.00
This work is the first elementary text grounded in the new formalism known as first-order logic (FOL). It is recognized as a classic work in the field. In 1960 the second edition (1938) was translated into English and titled "Principles of Mathematical Logic". FOL is now a core formalism of mathematical logic and is presupposed by contemporary treatments of Peano arithmetic and nearly all treatments of axiomatic set theory. This volume included a clear statement of the 'decision problem' for FOL and also asked whether the logic was complete--whether all semantic truths of FOL were theorems derivable from FOL axioms and rules. The first problem was answered in the negative by Alonzo Church in 1936; the second was answered affirmatively by Kurt Gödel in 1929. (Wikipedia).

76. **(Immanuel Kant) NITSCH, F. [Friedrich] A. [August].** A GENERAL AND INTRODUCTORY VIEW OF PROFESSOR KANT'S PRINCIPLES CONCERNING MAN, THE WORLD AND THE DEITY, SUBMITTED TO THE CONSIDERATION OF THE LEARNED. London: J. Downes, 1796. A Very Good++ hardback First Edition. Bound in modern quarter leather with gilt letting on morocco spine label. Owner name title page Minimal cover edge wear. Marginal note in ink page 229. 8vo. [4], 134, [i. e., 234] pp. Scarce. \$1,200.00
First English Language book on Kant's philosophy.

77. **(Immanuel Kant) WILLICH, A. F. M. Translated by John Christopher Adelung.** ELEMENTS OF THE CRITICAL PHILOSOPHY: CONTAINING A CONCISE ACCOUNT OF ITS ORIGIN AND TENDENCY; A VIEW OF ALL THE WORKS PUBLISHED BY ITS FOUNDER PROFESSOR IMMANUEL KANT; AND A GLOSSARY FOR THE EXPLANATION OF TERMS AND PHRASES. TO WHICH ARE ADDED: THREE PHILOLOGICAL ESSAYS. London: T. N. Longman, 1798. A Very Good hardback First Edition First Printing bound in contemporary boards with modern rebacking. Two works bound in one volume. Engraved frontispiece portrait of Kant with mild offsetting to title page. Covers soiled, edge wear. Newspaper clipping concerning Kant's treatment by the city of Königsberg tipped-in ffep with offsetting front paste-down. Mild foxing ffep and frontis. 8vo. [8], vi, [2], 183, [1]; [8], clxxxvi pp. An early, Scarce work on Kant. \$950.00
The work by Willich includes a glossary of Kantian terminology. The essays by Adelung deal with the English language, including one on the relative merits and demerits of Johnson's Dictionary.

MOORE'S MOST IMPORTANT PAPER

78. **MOORE, G. E.** PROOF OF AN EXTERNAL WORLD. Annual Philosophical Lecture Henriette Hertz Trust

British Academy 1939. London: Humphrey Milford, 1939. A Very Good++ offprint in original printed wrappers from The Proceedings of the British Academy, Volume XXV, with age darkening covers, mild cover edge wear, minimal foxing edges. 8vo. 30 pp. \$650.00

...[O]ne turns to consider Moore's most famous paper, his 'Proof of an External World' --the text of a British Academy lecture delivered in 1939 just when Moore was retiring from his Cambridge Professorship. Moore here sets himself the task of doing what Kant had earlier set himself to do, namely providing a proof of the existence of 'external objects'. Much of the lecture is devoted to working out what counts as an 'external object', and Moore claims that these are things whose existence is not dependent upon our experience. So, he argues, if he can prove the existence of any such things, then he will have proved the existence of an 'External World'. Moore then maintains that he can do this -- How? By holding up my two hands, and saying, as I make a certain gesture with the right hand, 'Here is one hand', and adding, as I make a certain gesture with the left, 'and here is another' ('Proof of and External World' 166). Moore then goes to argue that this demonstration of his hands was a 'perfectly rigorous' proof of the existence of external objects. (Stanford Encyclopedia of Philosophy)

79. **QUINE, W. V. (Willard Van Orman). (SIGNED).** SELECTED LOGIC PAPERS. New York: Random House, 1966. SIGNED BY W. V. QUINE ON TITLE PAGE. A Fine hardback Stated First Edition First Printing in a Very Good++ Dust Jacket with mild scuffs, edge wear, minimal sun spine. 8vo. x, 250 pp. \$1,250.00
This volume brings together 23 papers on mathematical logic by one of the foremost logicians of the twentieth century. The papers, which are a self contained unit, include discussions of set theory, truth functions, and the techniques of deduction. They were written between 1934 and 1960. At least three of the papers are not reprints but represent initial publications or reworking of prior manuscripts. These include: "On ordered Pairs and Relations", "On Boolean Functions" and "Church's Theorem on the Decision Problem".

80. **QUINE, William Van Orman.** ON WHAT THERE IS. Review of Metaphysics, 1948. A Fine offprint First Separate Edition in self wrapper. From the Review of Metaphysics, Vol. II, No. 5, September 1948, pp 21-38. 8vo. \$1,000.00
Offered is Quine's witty and readable paper on ontology, the nature of being and existence. He is speaking of the old philosophical puzzle of non-referring names. "How can we talk about Pegasus?" Can we talk about a mythical winged horse without assuming that it is something? This paper on the subject was controversial and provoked valuable discussion. (The Encyclopedia of Philosophy, Vol. 7, p 55.)

81. **RUSSELL, Bertrand. (SIGNED).** MYSTICISM AND LOGIC. New York: W. W. Norton, 1929. SIGNED BY BERTRAND RUSSELL without personalization. A Very Good++ hardback First Norton Printing (the true First Edition was published in London 1917) with mild cover edge wear, soil edges in a Very Good+ Dust Jacket with chips, sun spine. Small piece missing from Dust Jacket spine affecting the word "Logic" in the title. 8vo. 234 pp. \$1,500.00

82. **RUSSELL, Bertrand. (SIGNED).** THE SCIENTIFIC OUTLOOK. London: George Allen & Unwin, 1931. SIGNED BY BERTRAND RUSSELL without personalization. A Very Good++ hardback First Edition First Printing with minimal sun spine, soil edges and endpapers in a Very Good+ Dust Jacket with mild sun spine, edge wear and scuffs. 8vo. 285 pp. \$2,000.00

SIGNED BY RYLE

83. **RYLE, Gilbert (SIGNED).** PLATO'S PROGRESS. Cambridge : Cambridge University Press, 1966. SIGNED, INSCRIBED "WITH THE AUTHOR'S COMPLIMENTS". & DATED BY GILBERT RYLE. Inscription without personalization. TWO TYPED LETTERS SIGNED BY PROFESSOR RYLE ARE LAID IN AS WELL. Fine hardback First Edition in a Near Fine Dust Jacket. 8vo. viii, 311 pp. \$800.00

The letters are a reply to the book owner's request for Ryle's autograph and apparently something more involved. The first letter reads in part: "...I am certainly not going to write an essay on 'what is the meaning or purpose of life'. I regard this as a 'gas' question". The second letter reinforces that he will only sign the book. Interesting and amusing correspondence -- particularly if you understand gas questions...

84. **SCHWEITZER, Albert. (SIGNED) Nobel Peace Prize (1952).** DIE WELTANSCHAUUNG DER INDISCHEN DENKER. Mystik und Ethik. Munchen: C. H. Beck, 1935. SIGNED, INSCRIBED AND DATED BY ALBERT SCHWEITZER. A Very Good++ First Edition First Printing in original printed wrappers with cover edge wear, age darkening spine. 8vo. xi, (1), 201pp., (3). \$350.00
Although the date of publication on the title page is 1935, some copies were apparently printed before the end of 1934. As the printed forward of the book is dated October 11, 1934, and Schweitzer has dated his presentation in this copy November 20, 1934, it may be assumed that this is one of the earliest copies. Although Schweitzer is best known for his work as a mission doctor in equatorial Africa and as the recipient of the 1952 Nobel Peace Prize, he never abandoned his scholarly interests in philosophy and theology. This work was later translated into English as "Indian Thought and Its Development."

85. **SHESTOV, Lev. Translated by Bernard Martin.** ATHENS AND JERUSALEM. Athens: Ohio University Press, 1966. A Near Fine hardback First Edition in English in a Very Good+ Dust Jacket with mild sun spine, chips, short closed tears. First Edition in English of this important existentialist work. 8vo. 447 pp. Scarce. \$200.00
The basic either/or of Shestov's thought is suggested by the title of his major work in philosophy of religion: "Afiny i Ierusalim" ("Athens and Jerusalem"). Athens is the home of reason, of a philosophical rationalism which insists on a neat and knowable cosmos ruled by eternal and unalterable laws. Jerusalem is the home of faith, of an existential irrationalism which stresses contingency, arbitrariness, mystery, and pure possibility. For God "All things are possible," even what Descartes had called a logical absurdity, that is, causing what has in fact happened not to have happened. (Encyclopedia of Philosophy Vol. 7, p. 432).

86. **SPENCER, Herbert.** [SYSTEM OF SYNTHETIC PHILOSOPHY] Complete set in 15 volumes. FIRST PRINCIPLES; PRINCIPLES OF BIOLOGY 2 Vols.; PRINCIPLES OF PSYCHOLOGY 2 Vols. in 3 Books; PRINCIPLES OF SOCIOLOGY 2 Vols. in 5 Books; PRINCIPLES OF ETHICS 2 Vols.; EDUCATION; SOCIAL STATICS (abridged & revised) & MAN VERSUS THE STATE together in one Vol. New York: Appleton, 1897. FIFTEEN VOLUMES. Complete Set. Very Good+ hardbacks in uniform half leather marbled board bindings. Spines sunned, some spotting, covers edge mildly worn. Volumes partially uncut. All hinges and joints are intact. Bindings tight. The first 13 of these books are often considered his "System of Synthetic Philosophy" though some sets include the last two volumes as well under that heading. 8vo. \$400.00

ECONOMICS

87. **[HARRIS, Joseph].** AN ESSAY UPON MONEY AND COINS. Part I--The Theories of Commerce, Money, and Exchanges AND Part II--Wherein is Shewed, that the Established Standard of Money Should not be Violated or Altered, under any Pretense Whatsoever. London: 1757. TWO VOLUMES BOUND TOGETHER. 1757, 1758. First Editions in later half leather, marbled boards with raised bands spine, gilt spine lettering & decorations. Top edge gilt. Tape residue marks endpapers, mild scattered foxing. Mild cover edge wear. Written on the title page "said to be by Mr. Harris, Lord Malmsbury's Father". Considered among the best and most important works on money and coins published. It was a landmark of monetary theory in the eighteenth century. 8vo. viii, 128; xiv, 130 pp. \$1,750.00
Kress 5614; Goldsmith's 9259.

88. **McCULLOCH, J. R. (James Ramsay).** A TREATISE ON THE PRINCIPLES AND PRACTICAL INFLUENCE OF TAXATION AND THE FUNDING SYSTEM. London: Longman, Brown, Green, and Longmans, 1845. A Very Good++ hardback First Edition First Printing in contemporary full tan leather binding with gilt lettering on red leather spine label, raised bands spine, gilt decoration spine, marbled endpapers. Neat owner inscription ffep, mild cover edge wear, spine wear, mild foxing endpapers. 8vo. xv, 504 pp. \$1,400.00

James Ramsay McCulloch (1789-1864) was considered the leader of the Ricardian school of economics after the death of David Ricardo (1823). In this work McCulloch offers the first real exposition of public finance. The topics discussed include methods of public funding and their attributes, taxation (direct and indirect), and national debt. He did not limit the work but expanded the discussion to include the relationship between the elements in England and abroad. Kress C 6658; Goldsmith 34239

89. **MILL, James.** ELEMENTS OF POLITICAL ECONOMY. London: Baldwin, Cradock, and Joy, 1821. A Very Good hardback First Edition First Printing bound in half brown leather marbled boards with gilt lettering on red leather spine label, raised bands spine. Spine scuffed. Mild cover edge wear, scuffs. Notes, scuffs front paste-down, Hinges, archivally reinforced, joints archivally taped. Mild chips endpaper edges. 8vo. viii, 240 pp. An important and Scarce work. \$3,000.00

James Mill (1773-1836) was a renowned Scottish economist and political theorist who, together with David Ricardo, founded what is called "classical economics". He is the father of the influential philosopher John Stuart Mill. The current work "Elements of Political Economy" was recognized soon after publication as one of the best and most persuasive explanations of Ricardian economics.

NASH AND GAME THEORY

90. **NASH, John Forbes. Nobel Laureate.** THE BARGAINING PROBLEM and TWO-PERSON COOPERATIVE GAMES. In two issues of *Econometrica* Vol. 18 No. 2--April 1950 (pp. 155-162) & Vol. 21 No. 1--January 1953 (pp. 128-140) respectively. Baltimore: Econometric Society, 1950. Two Near Fine issues of *Econometrica* (1950, 1953) with the First Edition First Printings of John Nash's classic papers. April 1950 issue sun spine, mild crease front cover. Sm. 4tos. \$1,700.00

These papers by John Nash (1928-) extend the Work of von Neumann and Morgenstern in their classic volume "The Theory of Games and Economic Behavior". In the first paper Nash presents his central idea "...the bargain depended on a combination of the negotiators' back-up alternatives and the potential benefit of striking a deal" (Nash, A Beautiful Mind, pp 88-89). The author summary of the second paper begins 'In this paper the author extends his previous treatment of "the Bargaining Problem" to a wider class of situations...' Here Nash introduces the distinction between cooperative games in which players strike enforceable agreements and non-cooperative games in which collective commitment is impossible. In addition, Nash defines the equilibrium as "...a situation in which no player could improve his or her position by choosing an alternative strategy." These papers thus should be considered a continuum in the development of game theory. Nash (together with John Harsanyi and Reinhard Selten) was awarded the 1994 Nobel Prize in Economic Sciences for "their pioneering analysis of equilibria in the theory of non-cooperative games".

91. **PANTALEONI, Maffeo. Translated by T. Boston Bruce.** PURE ECONOMICS. London: Macmillan, 1898. A Very Good+ hardback First Edition in English in cloth binding with gilt lettering spine. Cover edge wear, scuffs covers and spine, owner inscription front paste-down, ffep. 8vo. xiii, 315 pp. \$550.00

Maffeo Pantaleoni (1857-1924) was an Italian economist and proponent of neoclassical economics. In the current volume the author sets out (quoting the preface) "A succinct statement of the fundamental definitions, theorems and classifications that constitute economic science, properly so called, or Pure Economics". The translator notes that the current first edition in English has additions and alterations by the author

necessitated by the contributions that have been made to the subject since the original Italian edition in 1889.

92. **PRICE, Richard.** OBSERVATIONS ON REVERSIONARY PAYMENTS; ON SCHEMES FOR PROVIDING ANNUITIES FOR WIDOWS, AND FOR PERSONS IN OLD AGE; ON METHOD OF CALCULATING THE VALUES OF ASSURANCES ON LIVES; AND ON THE NATIONAL DEBT. To Which are Added Four Essays On Different Subjects in the Doctrine of Life-Annuities and Political Arithmetick. Also, an Appendix and Supplement, Containing Additional Observations, and a Complete Set of Tables; particularly, Several New Tables of the Probabilities of Life in Different Situations, and of the Values of Annuities on Lives. London: T. Cadell, 1773. A Very Good+ hardback Third Edition Much Enlarged in full leather binding with raised bands spine, gilt lettering on leather spine label. Mild scuffs spine, cover edge wear, mild foxing endpapers. 8vo. xxxix, 431 pp. \$600.00

Kress 6965. Goldsmith 11046. Shortly after his election to the Royal Society in 1765, Price began working for the Society of Equitable Assurances. He provided help with actuarial matters and demographic trends, and the Observations are the result of this work. The book enjoyed immediate success when first published in 1771 with further editions 1772, 1773 and 1783.

93. **ROSCHER, William. Essay by L. Wolowski. Translated by John J. Lalor.** PRINCIPLES OF POLITICAL ECONOMY. Two Volumes. Chicago: Callaghan, 1878. Complete Set. Translated from the Thirteenth (1877) German Edition. Two Very Good+ hardback First Editions in English in brown cloth with gilt lettering spines. Soil, scuffs mild edge wear covers. Creases soil endpapers, mild scattered foxing, owner inscription ffeps. 8vo. xxi, 464 pp. 465 pp. \$600.00

Georg Wilhelm Roscher (1817-1894) was one of the principal founders of the German Historical School of economics. The current work is the most widely read textbook of economics in Germany in the second half of the nineteenth century. (Blaug-Great Economists Before Keynes).

EXPLORATION

94. **AMUNDSEN, Roald and Lincoln Ellsworth.** THE FIRST FLIGHT ACROSS THE POLAR SEA. London: Hutchinson, 1927. A Very Good++ hardback First Edition First Printing in blue cloth binding with gilt lettering spine. Minimal sun spine, foxing edges, eps, margins. 8vo. 274 pp. With 39 Illustrations and a chart. \$110.00

SIGNED BY ROALD AMUNDSEN

95. **AMUNDSEN, Roald (SIGNED) Translated from the Norwegian by A. G. Chater.** THE SOUTH POLE. An Account of the Norwegian Antarctic Expedition in the "Fram", 1910-1912. 2011 is The Centenary Year of Amundsen reaching the South Pole (December 14, 1911). London / New York: John Murray / Lee Keedick, 1913. SIGNED AND INSCRIBED "VERY SINCERELY YOURS" BY ROALD AMUNDSEN in volume I without personalization. TWO VOLUMES. Complete Set. A Near Fine hardback First American Edition, First Printing. Both volumes in contemporary three quarter morocco, marbled

board bindings, marbled endpapers. Spines in four compartments with gilt lettering, designs and rules. Spines evenly sunned. Bindings mild edge wear. Complete with all photographic plates, plans and charts. Included are color fold out maps. The current edition has 10 more illustrations than the Norwegian edition published in the same year. 8vo. xxxv, 392, foldout map; x, 438, Foldout map, Index 439-449 pps. Signed copies of this keystone Polar Exploration book are Rare, particularly in this condition. \$10,000.00

Roald Amundsen's (1872-1928) own story of his dash to be the first person to reach the South Pole, beating Robert Scott by one month. Scott and his party perished on the return trek from the Pole, their last camp and remains were found eight months later. This First Edition was published prior to the discovery of Scott's fate.

96. **CAMPBELL, Robert.** A PILGRIMAGE TO MY MOTHERLAND. New York / Philadelphia: Thomas Hamilton / The Author, 1861. Very Good in the original blind stamped brown cloth binding with soil to front cover. Gilt lettering spine dulled but legible. Spine tips archivally renewed. Complete with the tinted lithographic image of the author which is edge worn, not affecting image. Original tissue guard present. Original lithographed map tipped to recto third endpaper as issued with some offsetting. Sm. 8vo. 145, [1 blank] [note 3 blank front & rear endpapers as issued]. Rare. \$3,000.00

This is one of the first book length works on "emigrationism", the return of freed slaves to Africa. It presents a host of arguments--sociologic, political as well as economic--for the viability of such a program. Jamaican born Robert Campbell accompanied abolitionist Martin Delany on his expedition to explore the Niger Valley in 1859 to investigate the area a potential emigration area for freed slaves.

97. **DE FRANCE, A. [Francois Antoine Alby, known as Earnest].** THE PRISONERS OF ABD-EL-KADER; Or, Five Months' Captivity Among the Arabs, in the Autumn of 1836. London: Smith, Elder, & Co., 1838. A Very Good++ hardback bound in modern half leather and marbled boards with new endpapers. Foxing first few and last few pages. Rare. OCLC lists only 11 copies. Engraved frontispiece portrait of Abd-El-Kadem with foxing. Sm. 8vo. 321 pp. \$850.00

98. **DONKIN, Rufane.** A DISSERTATION ON THE COURSE AND PROBABLE TERMINATION OF THE NIGER. London: John Murray, 1829. A Very Good+ hardback First Edition rebounded and in half calf over marbled boards, gilt lettering on black leather title label, raised bands spine, gilt decoration spine. One fold-out map, two folding maps as issued. Leaf containing Errata and "To the Binder" note immediately precedes page one. Green wax seal on spine. Bookplate of noted Princeton professor and scholar John Ralph Willis front paste-down. Offsetting from leather binding endpapers, scattered foxing, cover edge wear. 8vo. viii, 195 pp. \$2,750.00

Sir Rufus Donkin (1773-1841) was a military officer and, later, a politician and Surveyor-General of the Ordnance. When his Dissertation came out, his theory of the Niger's course caused much controversy.

99. **LINDBERGH, Anne Morrow. With Maps by Charles A. Lindbergh. (SIGNED).** NORTH TO THE ORIENT. New York: Harcourt, Brace, 1935. SIGNED BY ANNE MORROW LINDBERGH AND CHARLES A. LINDBERGH WHO ALSO INSCRIBED "NORTH HAVEN 1935" IN THE YEAR OF PUBLICATION without personalization. A Fine hardback First Edition First Printing in a Near Fine Dust Jacket The book is in superb, virtually as new condition. The Dust Jacket has minimal edge wear and creases DJ flaps. The price (\$2.50) is intact. 8vo. 255 pp. \$2,000.00

This is Anne Morrow Lindbergh's first book. It is the classic account of Charles Lindbergh's pioneer flight to the Orient via the great circle route (1931). It is inscribed by him at North Haven, an island off the Maine coast where Anne Morrow Lindbergh's family had a home and from which site many of their aviation adventures originated.

100. **LINDBERGH, Charles A. (SIGNED) Introduction by Myron T. Herrick.** WE. The Famous Flier's Own Story of his Life and his Transatlantic Flight, Together with his Views on the Future of Aviation. Autographed Limited Edition. New York: G. P. Putnam, 1927. SIGNED BY CHARLES A. LINDBERGH AND THE PUBLISHER ON THE COLOPHON. A Near Fine hardback Autographed Edition LIMITED TO 1000 SIGNED COPIES. THIS IS NO. 892. In half velum binding with light brown paper boards, gilt lettering spine and front cover. Minimal foxing covers and page edges. In original glassine Dust Jacket with tears and small pieces missing. In original numbered box with foxing inside, mild wear. 8vo. 308 pp. With "Publishers Note" laid-in. This edition is printed on Old Stratford Linen paper, from type not previously used in the popular edition. \$2,000.00

101. **LYON, G. F. (George Francis).** A NARRATIVE OF TRAVELS IN NORTHERN AFRICA. In the Years 1819, 20, 21; Accompanied by Geographical Notices of Soudan and of the Course of the Niger with a Chart of the Routes and a Variety of Coloured Plates. London: John Murray, 1821. Very Good+ bound in half leather, marbled paper boards. Gilt lettered black leather spine label. Mild edge wear. Complete with the folding map and all 17 hand coloured lithographic plates (including frontispiece), after drawings by the author. From the rare Africana collection of noted Africa scholar and Princeton Professor John Ralph Willis (1938-2007) with his bookplate on the front paste-down. Long closed tear with tape repair to page 181/182. Scattered soil. 4to. xii, 383 pp. \$2,750.00

George Francis Lyon (1795-1832) was a British naval captain, explorer, and artist who in 1819 accompanied Joseph Ritchie on an expedition along the course of the Niger and to locate Timbuktu. Dressed in local garb and able to speak Arabic, they began their journey in Tripoli. Within six weeks, both developed dysentery and Ritchie succumbed. Lyon, ill, without sufficient supplies and out of funds, returned to Tripoli and sailed for England (DNB). Abbey Travel 304, which notes that there was an almost immediate French translation (1821).

102. **MOLLIEN, G. Edited by T. E. Bowdich.** TRAVELS IN THE INTERIOR OF AFRICA, TO THE SOURCES OF THE SENEGAL AND GAMBIA: Performed by Command of the French Government, in the Year 1818. London: Henry Colburn & Co., 1820. A Very Good+ hardback First Edition in English bound in half brown leather and marbled boards with raised bands spine, gilt lettering and decoration spine. With a large folding map, stippled-engraved frontispiece and six uncolored aquatint plates. Cover edge wear, scuffs, small label residue front paste-down, numbers upper corner ffep, scattered foxing. 4to. xi, 378 pp. \$1,400.00
Abbey Travel 273. Howgego II M51.

103. **MOORE, Francis.** TRAVELS INTO THE INLAND PARTS OF AFRICA: Containing a Description of the Several Nations...To Which is Added, Capt. Stibb's Voyage Up the Gambia in the Year 1723, to Make Discoveries; with an Accurate Map of that River Taken on the Spot: and Many Other Copper Plates... London: Printed by: Edward Cave, 1738. A Very Good++ hardback First Edition bound in contemporary brown full mottled calf rebacked. Gilt ruling to boards. Gilt lettering on red leather spine label. Bookplate of Professor John Ralph Willis of Princeton on front paste-down. Complete with eleven engraved plates and one folding map. Cover edge wear. Mild scuff front paste-down. Mild foxing. 8vo. xiii, 305 pp. + 86 pp. "A List of Words" and Appendices. \$2,000.00

104. **NICOLLS, James A. and William Eglington.** THE SPORTSMAN IN SOUTH AFRICA. The Haunts, Habits, Description, and the Pursuit of all Game, Both Fur and Feather, Found South of the Zambesi (Including the Cape Colony, Transvaal, Bechuanaland, Natal, and Damaraland), at the Present Day, with Brief Notices of the Best Known Fresh and Salt-Water Fish. London: British and Colonial / Simpkin, Marshall, Hamilton, Kent, 1892. A Very Good+ hardback First Edition, First Printing with owner bookplate front paste-down, mild cover edge wear, owner name half title page. Complete with 13 plates including Frontispiece. Errata slip tipped-in. 8vo. vi, 147 pp. + Ads. \$350.00

105. **PALLAS, Peter Simon.** TRAVELS THROUGH THE SOUTHERN PROVINCES OF THE RUSSIAN EMPIRE, IN THE YEARS 1794 AND 1794. London: Printed by A. Strahan for T. N. Longman & O. Rees; T. Caldwell Jun. & W. Davies; and J. Murray & S. Highley, 1802. Near Fine First Edition in English in modern quarter calf, marbled board bindings with spine in six compartments, gilt lettering. There are 51 engraved plates (including 25 folding plates of which 20 are colored; 26 single leafs of which 23 are colored). Plate 16 cropped at outer margin, no significant loss. There are 28 vignettes of which 23 are colored. In volume II there is an additional uncolored vignette sized image (p. 75) which is not included in the formal vignette count at the beginning of the volume. There are four uncolored maps, three of them at the end of volume II. Offsetting from plates, as is usual with this work. 4to. xxiii, [1 errata], 552; xxx, [1 errata], [1], 523 pp. \$5,000.00
Peter Simon Pallas (1741-1811) was a German born naturalist who was invited to work at the St. Petersburg Academy of Sciences. This is the First Edition in English of Pallas account of his expedition to the steppes near the

Caspian Sea, the Northern Caucasus and Crimea. Tooley has commented on the extraordinary quality of the the color plates and recommends it for a place "in every colour plate book collection". Indeed most of the figure illustrations were copied or used eight years later in John Stockdale's 1811 work "Costume of the Russian Empire". In 1793-1794 Pallas studied the southern provinces of Russia. After experiencing the natural beauty of the region, he decided to live there permanently...His main efforts while in the region were devoted to preparing materials of the 1793-1794 trip for publication and to compiling a complete description of the Russian fauna. In 1799-1801 he published an account of the trip [in German] that included an important description of the Crimea (DSB Vol. 10, p. 283). Tooley 357; Abbey 222.

106. **RAPELJE, George.** A NARRATIVE OF EXCURSIONS, VOYAGES, AND TRAVELS, PERFORMED AT DIFFERENT PERIODS IN AMERICA, EUROPE, ASIA, AND AFRICA. New York: Privately Printed, 1834. A Very Good hardback First Edition First Printing in original cloth binding with gilt lettering spine. Frontispiece portrait of author's father. Foxing, cover edge wear, mild wear spine tips. Covers mild spotting. 8vo. 416 pp. \$250.00

Howes R063.

107. **(SIGNED by Rowland Ward) LYDEKKER, R.** THE GREAT AND SMALL GAME OF EUROPE, WESTERN AND NORTHERN ASIA, AND AMERICA. Their Distribution, Habits, and Structure. London: Rowland Ward, 1901. SIGNED BY ROWLAND WARD ON LIMITATION PAGE without personalization. A Very Good++ hardback First Edition LIMITED EDITION OF 250 COPIES SIGNED BY THE PUBLISHER. THIS IS NO. 9. Complete with 8 hand colored plates with printed tissue guards. Bound in green cloth with gilt lettering spine and front cover. Owner bookplate front paste-down, owner library blind stamp ffep, minimal cover edge wear. 4to. 445 pp. Scarce. \$3,000.00