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Catalogue 288

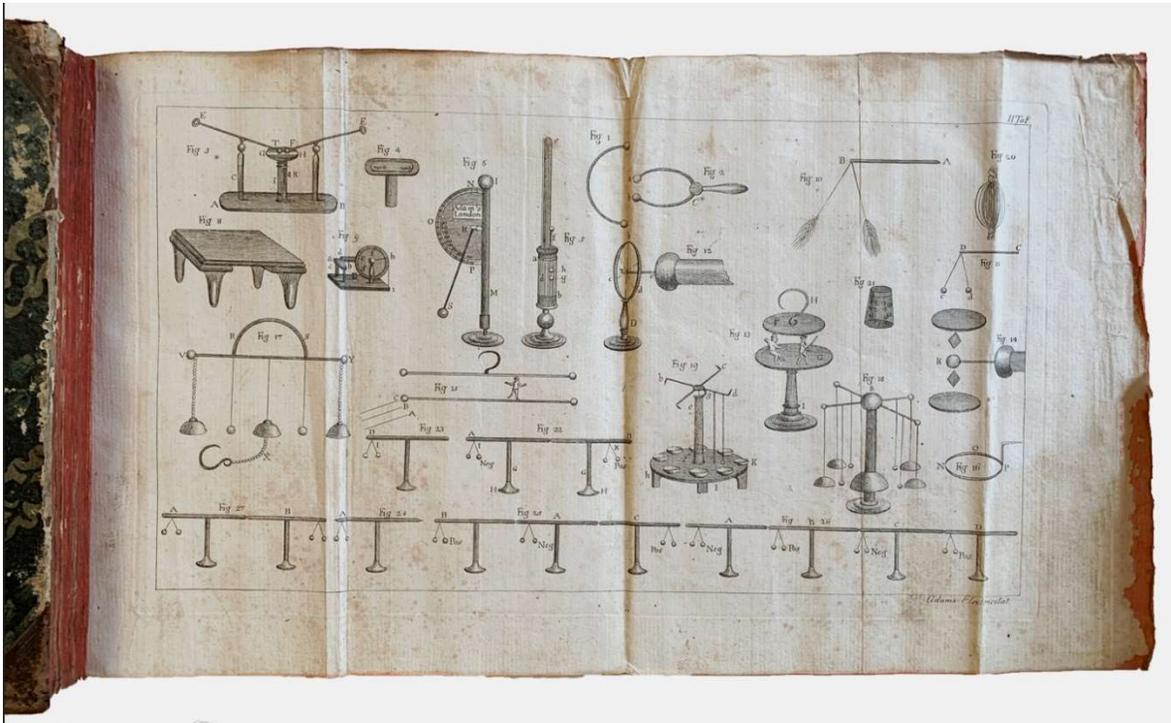
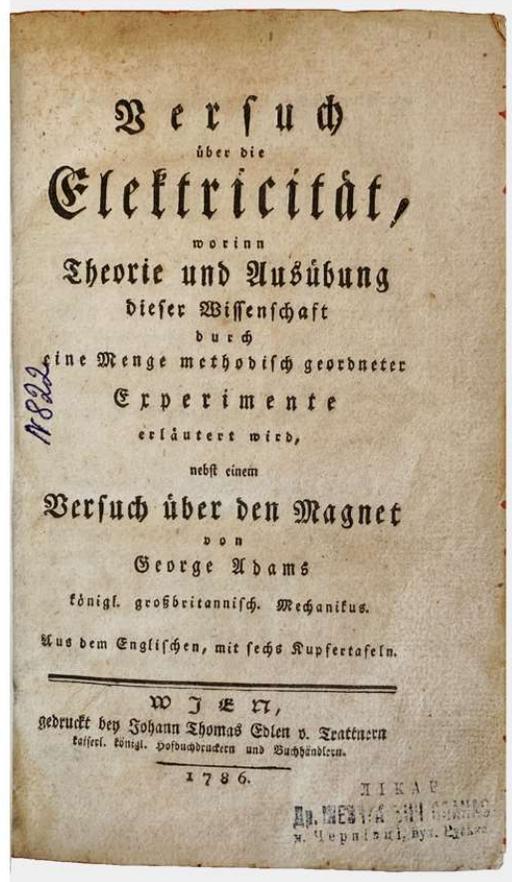
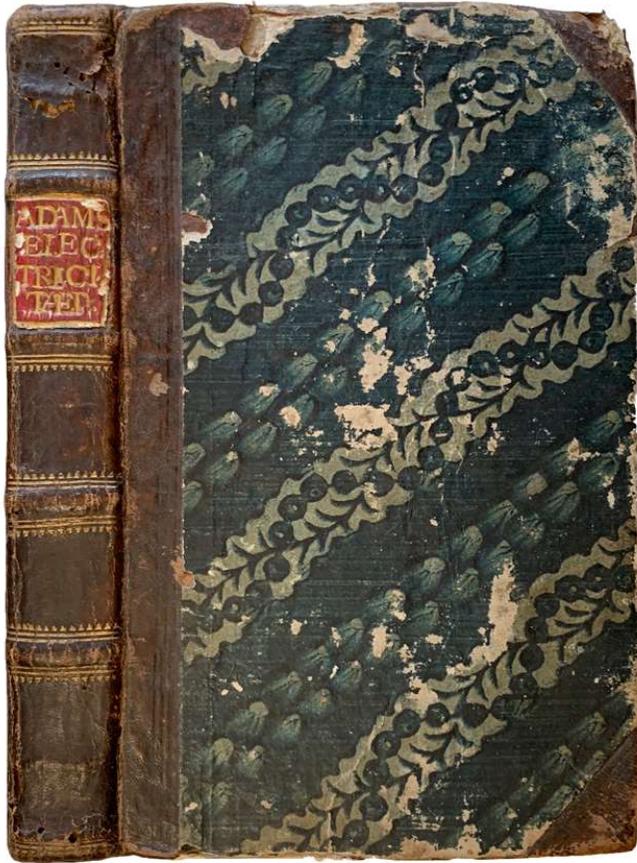
SCIENCE & CHEMISTRY

TECHNOLOGY & ENGINEERING



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MONTREUX SWITZERLAND



S13984 **ADAMS, George** (1750-1795). *Versuch uber die Electricitaet, worinn Theorie und Ausubung dieser Wissenschaft durch eine Menge methodisch geordneter Experimente erlautert wird, nebst einem Versuch uber den Magnet*. Vienna: Johann Thomas Edlen v. Trattnern, 1786.

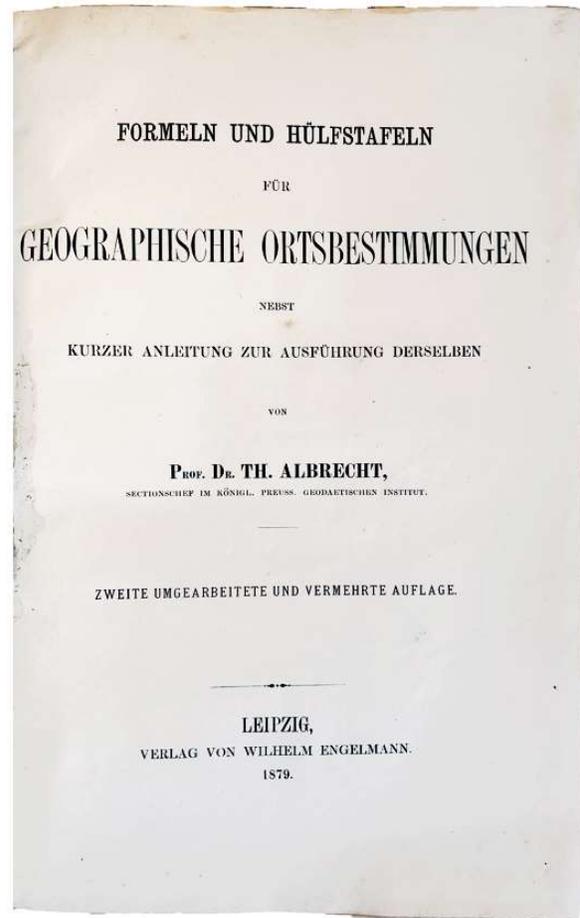
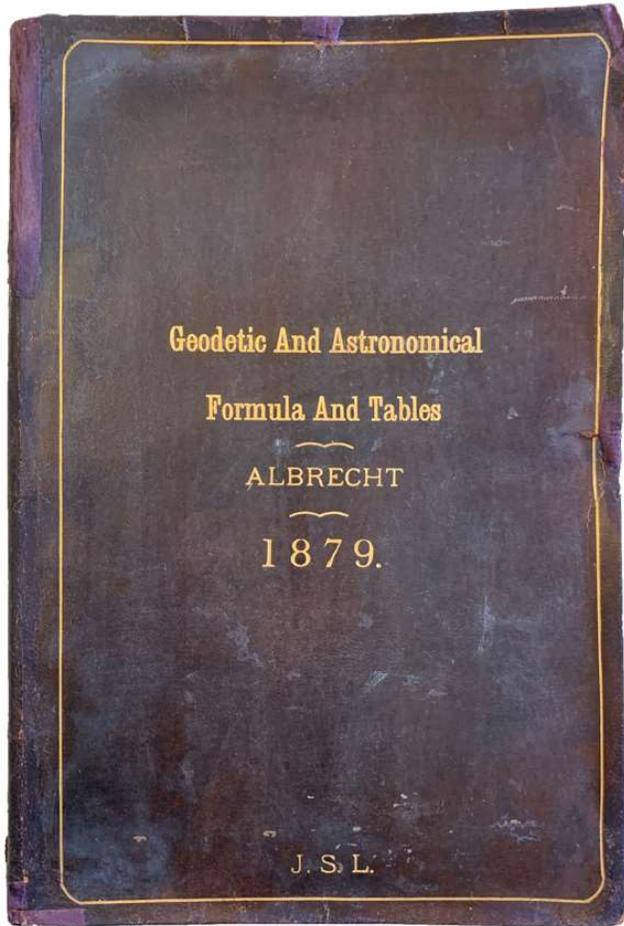
¶ 8vo. (208 x 126 mm) vi, [10], 270 pp. Six engraved folding plates; toning and foxing throughout, lightly soiled plates, ownership pen marks on front flyleaf. Half calf over two-tone green floral motif boards, raised bands, gilt-stamping on spine, gilt-stamped red leather spine label, edges tinted red; worn boards, insect damage to spine ends, light marginal worming throughout. Cyrillic bookplate, Cyrillic library stamps and manuscript index number on title-page, Cyrillic library stamp on Plate I (Ar. Shevchenko"), early ownership signature. SCARCE.

\$ 180

Second German edition. George Adams served as instrument maker to George III of England and as optician to the Prince of Wales. First published at London in 1784, the *Essay on Electricity* was reprinted the following year in an enlarged edition containing an essay on magnetism. The first German language edition was published at Leipzig in the same year. Adams seeks to present a general theory of electricity and, in line with George III's interest in the practical applications of science, assess its possible medical uses. The six engraved plates are of particular interest, containing 105 figures, mostly illustrating various experimental instruments constructed by Adams, often at the request of the English king, and including a frock-coated patient (plate V, fig. 87) apparently undergoing electrical therapy. The plate depicting magnetic lines of force will remind many of experiments they themselves conducted in elementary school.

☼ Wheeler Gift 519. See Mottelay, *Bibliographical History of Electricity and Magnetism*, pp. 280-81.

[PLEASE NOTE: For all books in this catalogue, additional pictures are available for viewing (*if the book remains available for sale*) on the web at : [WeberRareBooks\[dot\]com](http://WeberRareBooks[dot]com)]



S13128 **ALBRECHT, Theodor** (1843-1915). *Formeln und Hülftafeln für Geographische Ortsbestimmungen, nebst kurzer Anleitung zur Ausführung derselben.* Leipzig: Wilhelm Engelmann, 1879.

¶ 4to. VI, 240 pp. 41 tables; title gutter torn. Original full dark maroon flexible calf, gilt-stamped cover title; minor repairs to extremities, else very good. Occasional pencil marginalia [translations to English]. Provenance: covers are stamped in gold with the initials "J.S.L." and the title given in English, "Geodetic And Astronomical Formula And Tables. . ."

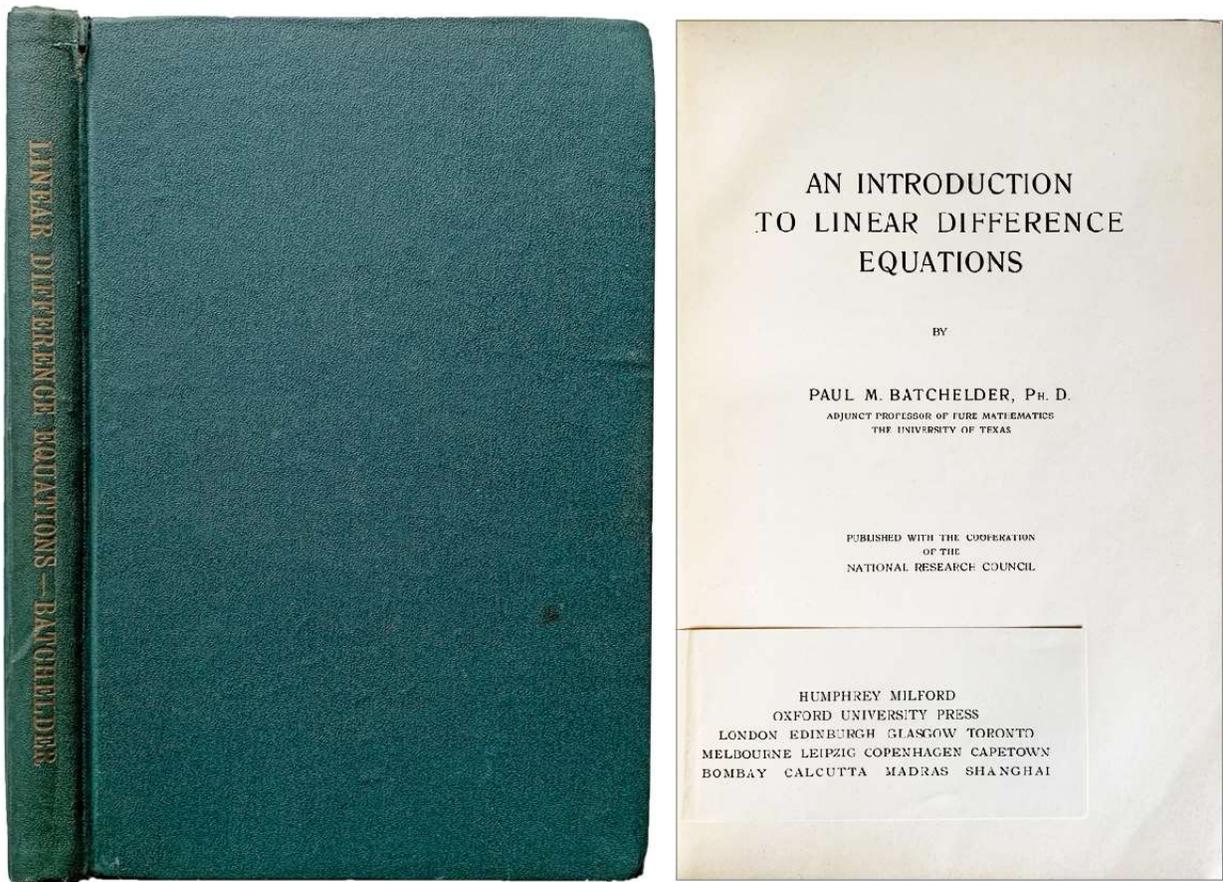
\$ 45

First issued in 1873; a third edition was issued in 1894. A mathematical analysis and series of tables relating to geodesy, geographical positions, longitude and latitude. Dedicated to J.J. Baeyer.

"Carl Theodor Albrecht was a German astronomer. He studied mathematics and natural sciences at the TU Dresden and the Universitat Berlin. During his time in Dresden, he helped founding Polyhymnia, the fraternity that later became the German Student Corps Altsachsen. He specialized in geodesy, to which he devoted much of his career. He also worked on the problem of variation of latitude, building upon the work of Seth Carlo Chandler who discovered the variation, known as the Chandler wobble." [Wikip.].

Note: The binding of this item is surely special, being in full leather and stamped with the owner's initials. The initial owner must have been English-speaking, and the binder was familiar with German use of capitalization.

☼ DSB, Baumgartel, Hans, "Albrecht, Carl Theodor," in, *Dictionary of Scientific Biography*. New York: Scribner's, 1970, vol. I, p. 103.



S1200 **BATCHELDER, Paul M.** (1886-1971). *An introduction to linear difference equations*. Cambridge: Harvard University Press, 1927. ¶ 8vo. vii, 209 pp. 29 figs.; top corners crushed, affecting corners of pages. Original green cloth; 1 inch tear at hinge top. Good.

\$ 20

FIRST EDITION. A work on differential equations based on Poincare's theorems. Paul Mason Batchelder was a professor of mathematics at the University of Texas at Austin. His mathematical interests included difference equations, number theory, and astronomy.

The Haskell Norman copy

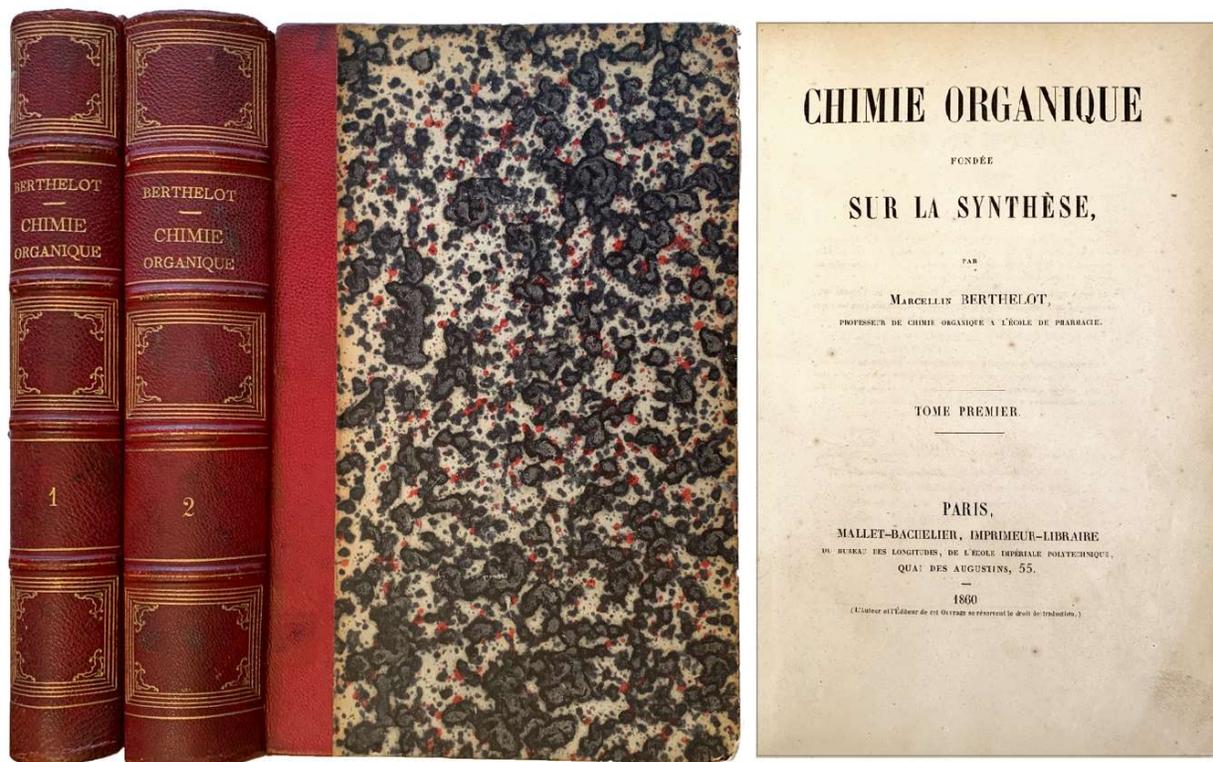
S13974 **BERTHELOT, Marcellin (Pierre Eugène Marcellin)**, (1827-1907). *Chimie organique fondée sur la synthèse*. Paris: Mallet-Bachelier, 1860. ¶ Two volumes. 244 x 164 mm. 8vo. CLVIII, 508; [VI], 842 pp. Contemporary quarter red morocco, marbled boards, raised bands, gilt spine, marbled endleaves; extremities rubbed, joints starting, spine head worn (reinforced with kozo). Bookplate of Haskell Norman. Very good.

\$ 400

FIRST EDITION. Berthelot was one of the first to use the term "synthesis" to describe the production of organic compounds from their elements, and he introduced the idea that in organic chemistry there were polyatomic alcohols (Berthelot's term) corresponding to the polybasic acids in inorganic chemistry. His *Chimie organique* covers his first ten years of research in organic chemistry, during which time he investigated the synthesis of hydrocarbons and of alcohols, researched the derivatives of glycerin, synthesized stearin and palmatin (the chief constituents of ordinary hard fats), and added greatly to the contemporary knowledge of sugars by showing that they behave partly as polyatomic alcohols and partly as aldehydes. Berthelot insisted that the success of synthesis in organic chemistry established the essential unity of organic and inorganic chemistry, denying the vitalist claim that vegetable and animal substances were somehow different from those made in the laboratory.

"Berthelot's work is astonishing in its volume, originality, and importance.... His style is serious and elevated.... He kept abreast of new discoveries; his last researches were

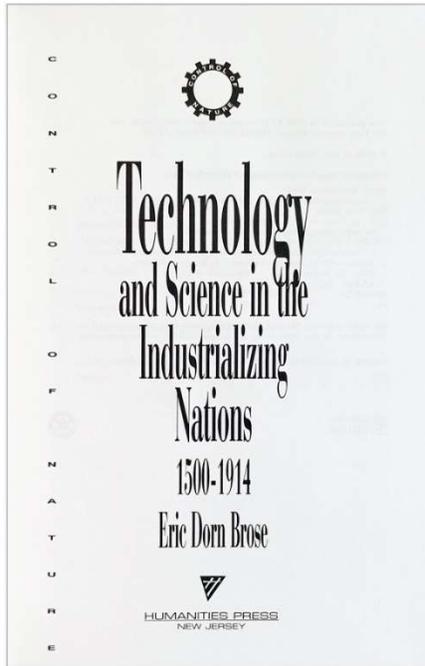
on argon, helium, and radium, and he discovered iron carbonyl in 1891. His work on organic syntheses was outstanding...." – Partington.



"In 1860, M. BERTHELOT wrote his monumental *Chimie organique fondée sur la synthèse* in which he presented a review of his work in organic chemistry during the previous ten years. The work begins with an extensive historical introduction, which contains no more than a passing reference to Wöhler's preparation of urea in 1828. One obtains the impression from the book that the author was the first to recognize the importance of synthesis in organic chemistry and that it was he who had undertaken the basic research." – *DSB* II p. 67.

PROVENANCE: Bookplate of Haskell Field Norman (1915–1996), was a psychoanalyst, bibliophile, and collector, whose private library included rare and important scientific and medical first editions.

☼ *DSB*, II, pp. 67, 73-82; Haskell Norman Library 219; Partington, *History of chemistry*, IV, pp. 465-577. Not in Duveen.

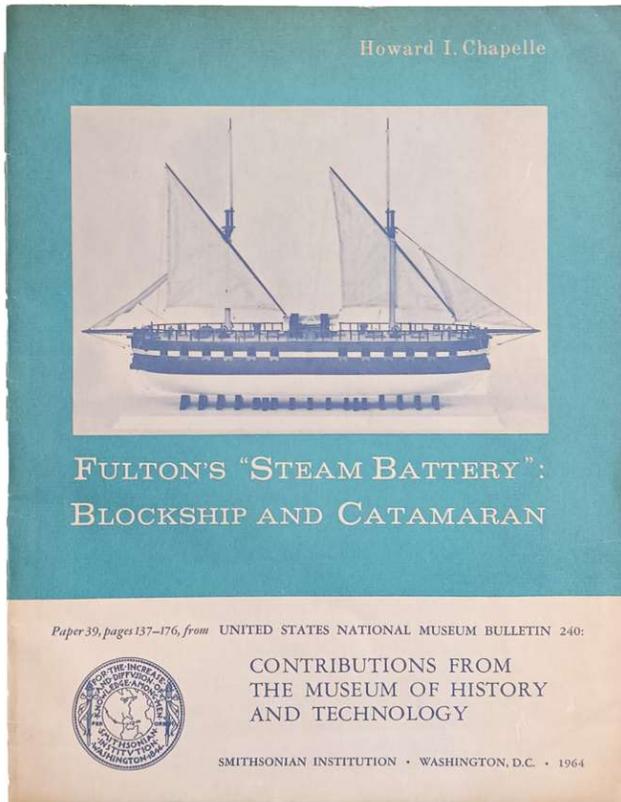


BL2130 **BROSE, Eric Dorn.** *Technology and Science in the Industrializing Nations, 1500-1914.* Atlantic Highlands: Humanities Press, 1998.

¶ First printing. Series: Control of Nature. 8vo. x, 104 pp. Illustrations, index. Beige cloth, black stamped cover and spine titles. Burndy bookplate. Near fine.

\$ 22

This is the much scarcer cloth bound issue; also issued in wrappers. The author is Emeritus Professor at Drexel University, Dept. of History.



CONTRIBUTIONS FROM
THE MUSEUM OF HISTORY AND TECHNOLOGY:
PAPER 39

FULTON'S "STEAM BATTERY":
BLOCKSHIP AND CATAMARAN
Howard I. Chapelle

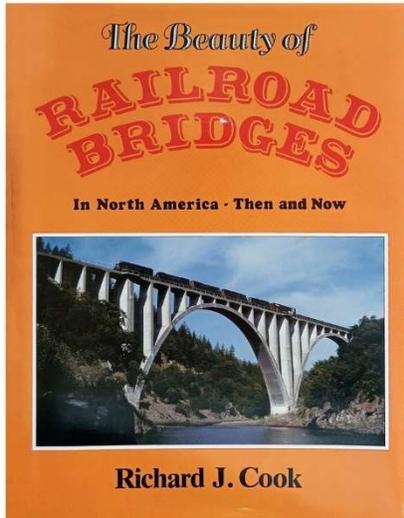
SURVIVING DESIGNS FOR FLOATING BATTERIES 145
CONTROVERSIAL DESCRIPTIONS 147
COPENHAGEN PLANS 150
HISTORY OF DOUBLE-HULL CRAFT 152
SAIL AND INBOARD PLANS 157
RECONSTRUCTING THE PLANS 161
APPENDIX 167

BL2133 **CHAPELLE, Howard I.** *Fulton's "Steam Battery": Blockship and Catamaran.* Washington: Smithsonian Institution, 1964.

¶ Series : Contributions from the Museum of History and Technology:
Paper 39. 4to. 30 pp. Illustrations. Printed wrappers. Burndy bookplate.
Very good.

\$ 10

Reprinted from: *United States National Museum Bulletin* 240, Paper 39, pp.
137-176.

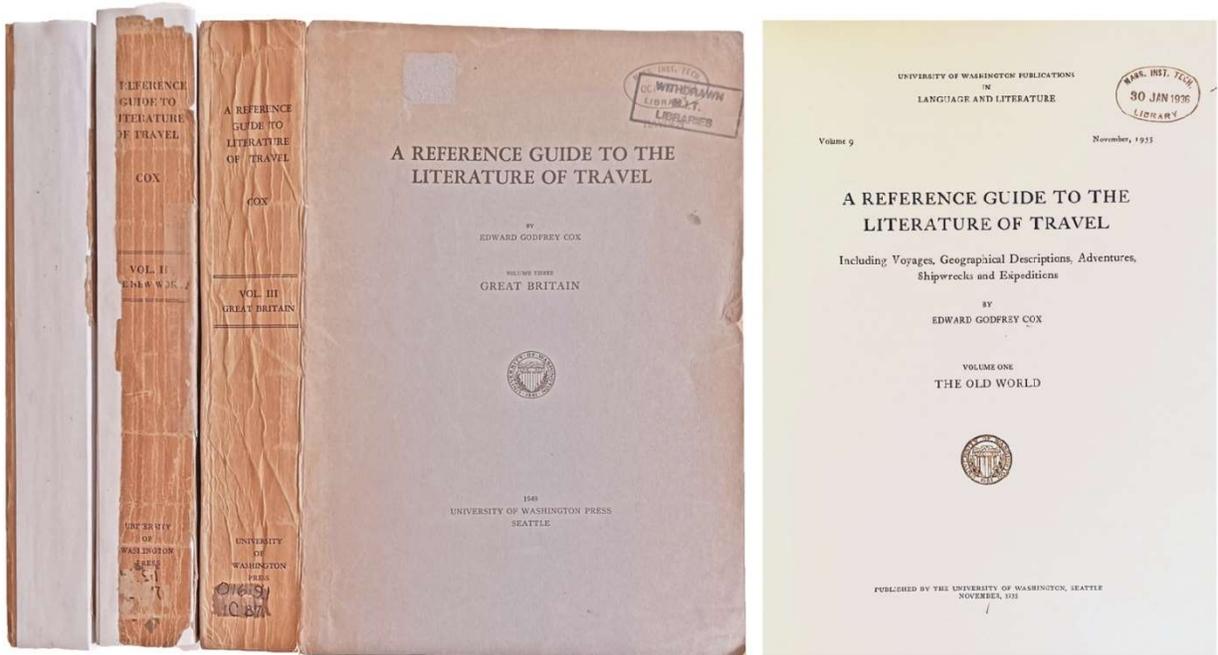


BL2137 **COOK, Richard J.** *The Beauty of Railroad Bridges in North America - Then and Now*. San Marino, CA: Golden West Books, (1987).

¶ 4to. 208 pp. Frontis., over 300 photos and illustrations, index. Black cloth, gilt-stamped spine title, dust-jacket. Burndy bookplate. Near fine.

\$ 7



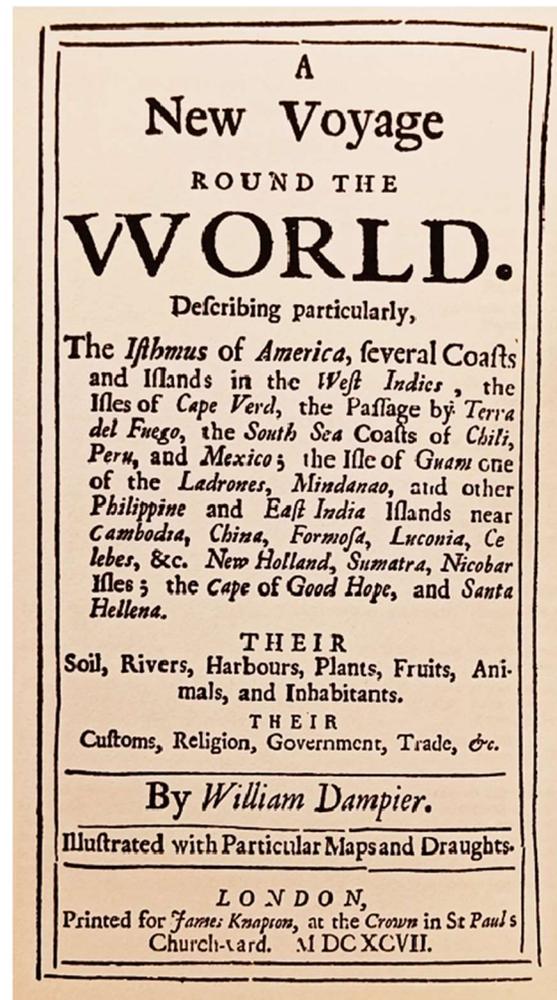
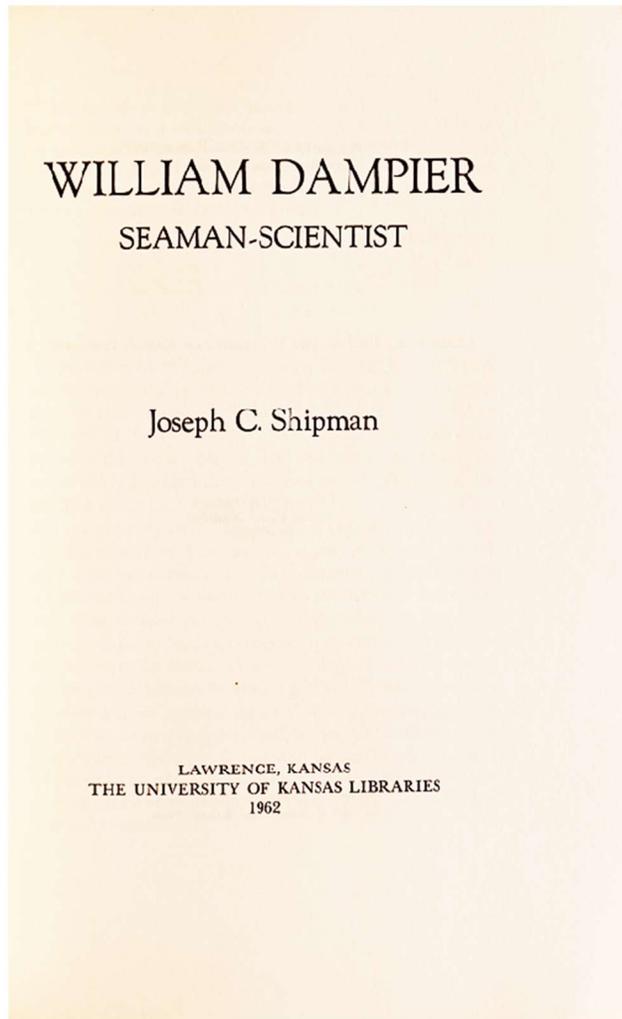


BL2032 **COX, Edward Godfrey** (1876-1963). *A Reference Guide to the Literature of Travel: Including Voyages, Geographical Descriptions, Adventures, Shipwrecks and Expeditions. . . . [Volume One: The Old World; Volume Two: The New World; Volume Three: Great Britain].* [3 volumes, complete] Seattle: University of Washington, 1935-1949.

¶ Three volumes (complete). Series: University of Washington Publications in Language and Literature, Vols. 9, 10, 12. Large 8vo. ix, 401; vii, 591, ads. [4]; xiii, 732 pp. Indexes. Printed wrappers; wrappers and spine worn with pieces missing (Vol. I and II only), remnants mounted. Burndy bookplates. Rubber stamps and markings of the MIT Libraries. Internally very good, but with worn wrappers which are torn. AS IS.

\$ 35

Still useful as a basic bibliography of important voyage accounts. This is the first printing (not the reprint) in the original (but damaged) printed wrappers.

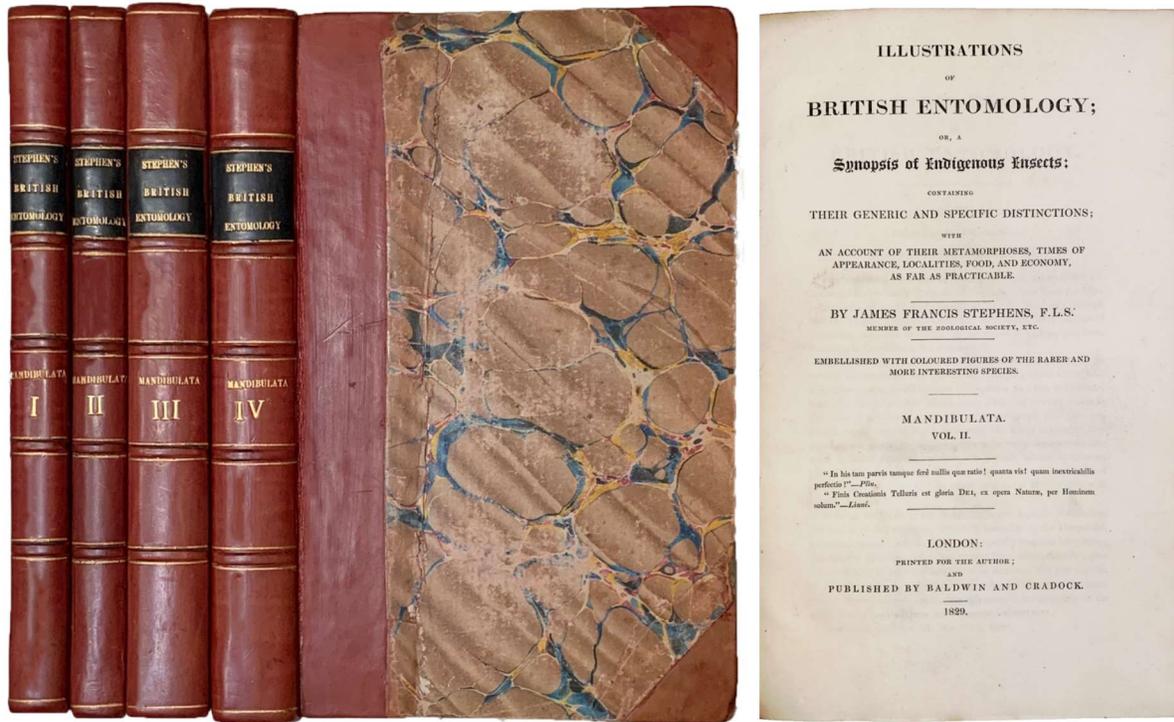


BL2099 [Dampier, William (1651-1715)] SHIPMAN, Joseph C. *William Dampier: Seaman-Scientist*. Lawrence: University of Kansas Libraries, 1962.

¶ Series: *University of Kansas Publications, Library Series*, No. 15. 8vo. 63 pp. Frontis., illustrations. Printed wrappers. Manuscript spine title. Fine.

\$ 8

William Dampier was an English explorer, pirate, privateer, navigator, and naturalist who became the first Englishman to explore parts of what is today Australia, and the first person to circumnavigate the world three times.



Containing the first publications of Charles Darwin

S13985 **DARWIN, Charles** (1809-1882) (contributor). **STEPHENS, James Francis** (1792-1852). *Illustrations of British Entomology; or a Synopsis of Indigenous Insects; containing their generic and specific distinctions; with an account of their metamorphoses, times of appearance, localities, food, and economy, as far as practicable. Embellished with coloured figures of the rarer and more interesting species. Mandibulata* ... London: Printed for the Author; published by Baldwin and Cradock, 1828-31.

¶ Four volumes. 8vo. [9.5 inches tall]. **Vol. I:** [2], iv, 186, [2] pp. 9 plates. **Vol. II:** [ii], 200 pp. 6 plates. **Vol. III:** [ii], 374, [6] pp. 4 plates. **Vol. IV:** ii, 413, [1] pp. 4 plates. Original marbled boards, with modern half-calf, raised bands, gilt-stamped spines, black leather spine labels, marbled endsheets. Small ownership labels of the Lowther Collection. Nice set.

\$ 2,850

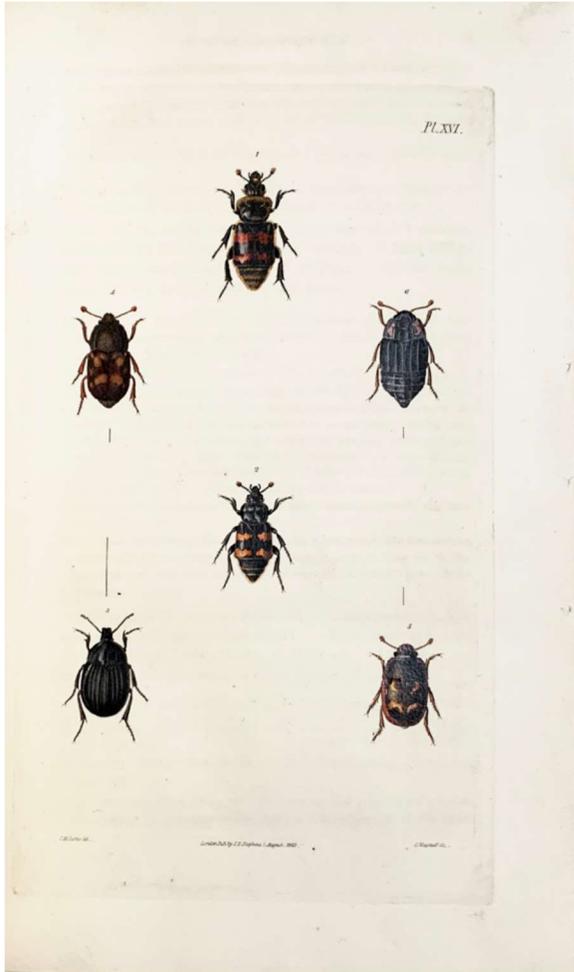
The full edition was issued in 12 volumes. “While at the University of Cambridge, the student Charles Darwin became an enthusiastic insect collector. He sent Stephens records of the rarer insects he had captured, and was delighted when *Illustrations of British entomology* gave him credit for capturing insects described in 33 entries, quoting his words in all but two of the cases. Darwin recalled in his autobiography "No poet ever felt more delight at seeing his first poem published than I did at seeing in Stephen's *Illustrations of British Insects* the magic words, 'captured by C. Darwin, Esq.'", though the closest wording as published actually appeared slightly differently, as "captured by the Rev. F. W. Hope and C. Darwin, Esq., in North Wales" and "Taken in North Wales by C. Darwin, Esq." – Wikip.



Page 9. *PHILOCTHUS guttula*. "On the banks of the Eden, near Richardby."—*T. C. Heysham, Esq.*
 Page 10. *Ocys currens*. "Devonshire."—*T. Marshall, Esq.*
 Page 10. *Ocys melanocephalus*. "Pembrokeshire, 1829."—*Captain Blomcr.*
 "Under the bark of decayed trees on the banks of the Eden, near Corbycastle, Richardby, &c.; and on the Caldeu, near Dalston Hale."—*T. C. Heysham, Esq.*
 Page 11. *Ocys tempestivus*. "Devonshire."—*Mr. Chant.* "Cambridge."—*C. Darwin, Esq.*
 Page 12. *PERYPHUS femoralis*. "Near Belchardley, Cardew-mire, &c."—*T. C. Heysham, Esq.*
 Page 12. *PERYPHUS concinnus*. "Devonshire."—*Messrs. Chant and Bentley.*
 "On the coast, Drumburgh-marsh."—*T. C. Heysham, Esq.*
 Page 12. *PERYPHUS saxatilis*. "Banks of the Eden, near Beaumont."—*T. C. Heysham, Esq.*

Darwin was a fanatical beetle collector and in his *Autobiography* (F. Darwin, 1887, vol. I, p. 50) he says, “But no pursuit at Cambridge was followed with nearly so much eagerness or gave me so much pleasure as collecting beetles. It was the mere passion

for collecting; for I did not dissect them, and rarely compared their external characters with published descriptions, but got them named anyhow. I will give a proof of my zeal: one day, on tearing off some old bark, I saw two rare beetles, and seized one in each hand; then I saw a third and new kind, which I could not bear to lose, so that I popped the one which I held in my right hand into my mouth. Alas! It ejected some intensely acrid fluid, which burnt my tongue so that I was forced to spit the beetle out, which was lost, as was the third one.”



SCAPHIDIDE.—PTOMAPHAGUS. 7

The shorter and thicker antennae and more acute apex to the elytra distinguish this species from *Ph. fumata*.

Also an uncommon species: found near Hull, and in the metropolitan district. “*Bottisham*.”—*Rev. L. Jenyns*.

Sp. 5. *anisotomoides*. *Ovalis, convexus, nitidus, subpilosus, fusco-piceus, antennis pedibusque pallide ferrugineis; thorace postici recto.* (Long. corp. $\frac{2}{3}$ — $\frac{3}{4}$ lin.)
Ch. *anisotomoides*. *Spence*.—Pt. *anisotomoides*. *Steph. Catal.* 72. No. 781.

Glossy, oval, pitehy-black, clothed with very short griseous down; labrum and palpi ferruginous; antennae pale flavescent, as long as the thorax, somewhat capitate-clavate, the eighth joint much less than the adjoining, the terminal large, subglobose and somewhat mucronate; thorax with the hinder margin generally palest, and straight; elytra ovate-convex; legs pale-ferruginous.

Sometimes entirely of a pale testaceous.

The great convexity of the body, and straightly truncate hinder margin of the thorax, distinguish this species from the rest of the genus.

Not very abundant; found near London, Hull, in Devonshire, Norfolk, &c. “*Bottisham*.”—*Rev. L. Jenyns*. “*Moss from Humby*.”—*A. H. Davis, Esq.* “*Shropshire*.”—*C. Darwin, Esq.*

Sp. 6. *Wilkinii*. *Oblongus, fusco-piceus, antennis pedibusque flavo-ferrugineis; thorace postici recto.* (Long. corp. $1\frac{1}{2}$ lin.)
Ch. *Wilkinii*. *Spence*.—Pt. *Wilkinii*. *Steph. Catal.* 72. No. 782.

Oblong or sublinear, pitehy-brown, clothed with very short griseous down; palpi yellow ferruginous; antennae the length of the thorax and of a yellow-ferruginous; thorax with the hinder margin straight; elytra oblong, the sides nearly straight, the apex rounded; legs yellow-ferruginous.

Resembles *Pt. velox*, but is “distinguished from that by its proportionably much larger and narrower body,” which also well distinguishes it from the preceding (*Pt. anisotomoides*), with which it agrees in the structure of its antennae and thorax.

Inhabits the county of Norfolk, and has been taken near London, and in other parts; but uncommon. “*Salop*.”—*C. Darwin, Esq.*

† Sp. 7. *Davisi*. *Oblongo-ovalis, postici angustiori, subpubescens, fusco-brunneus, thorace magno, convexo, antennis rufo-testaceis, clava magni.* (Long. corp. $\frac{3}{4}$ lin.)
Pt. *Davisi miki*.

Oblong-ovate, rather narrower behind, slightly pubescent, of a fuscous-brown; the thorax very large, convex, thickly but finely punctured, the hinder margin straight; elytra paler, and clothed with a longer protuberance than the thorax, rather acuminate at the apex, which is somewhat acute and paler than the

MANDIBULATA, VOL. III. 31ST MAY, 1830. c

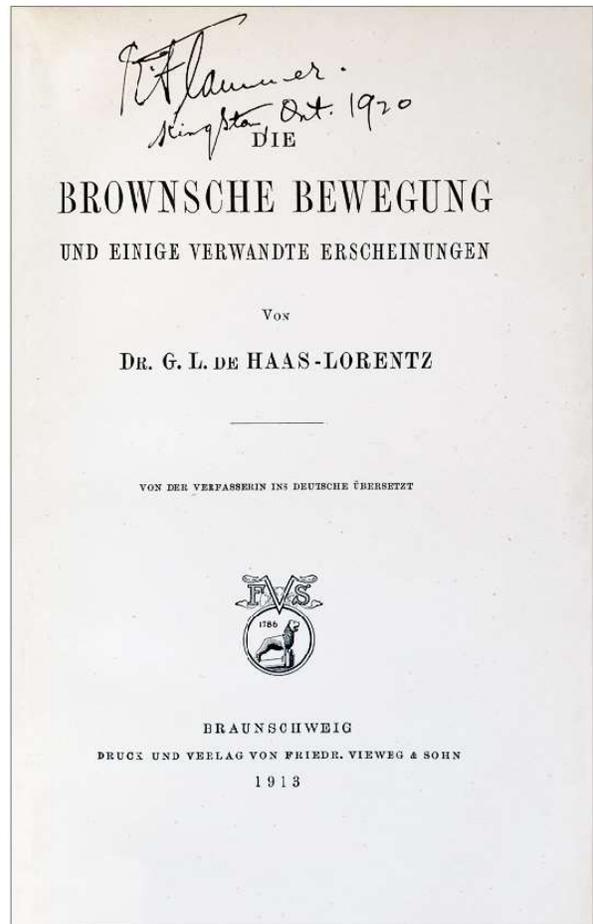
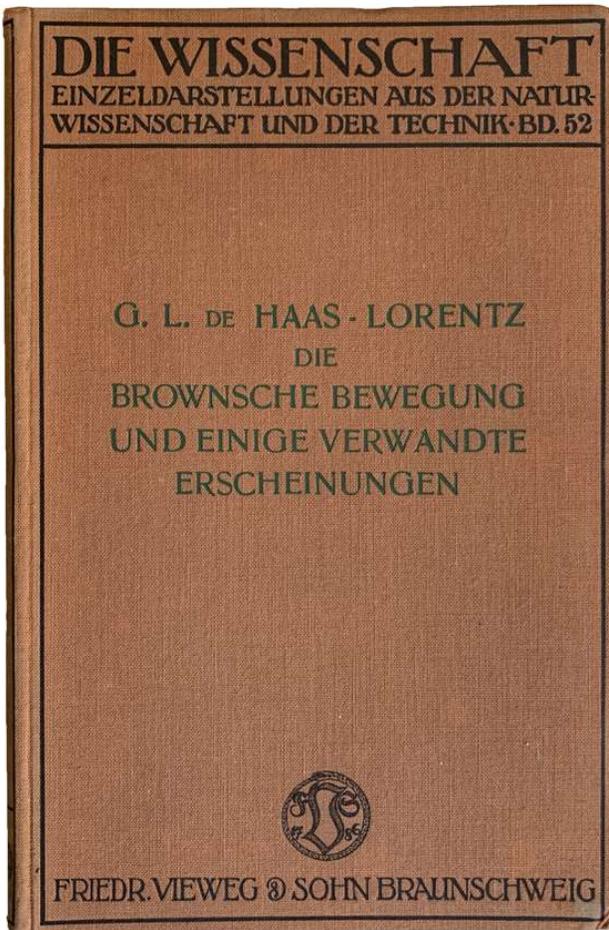
He was always searching for new collecting methods and was very proud when his first records appeared in print and goes on to say, “I was very successful in collecting and inventing two new methods; I employed a labourer to scrape during the winter, moss off old trees and place it in a large bag, and likewise to collect the rubbish at the bottom of the barges in which reed are brought from the fens, and thus I got some very rare species. No poet ever felt more delighted as seeing his first poem published than I did at seeing Stephen’s Illustrations of British Insects, the magic

words, 'captured by C. Darwin, Esq.' As noted by R.B. Freeman, *The Works of Charles Darwin, An Annotated Bibliographical Handlist*, 1977, Darwin's first printed words occur in 1829-31: "Whilst he was an undergraduate at Cambridge, Darwin sent records of insects that he had captured to James Francis Stephens, and some of these were published in *ILLUSTRATIONS OF BRITISH ENTOMOLOGY* ... there are about thirty records bearing Darwin's name, the earliest being in an appendix to *MANDIBULATA* volume II, which is dated June 15th, 1829. The localities include Cambridge, North Wales, Shrewsbury. In most cases these records are given in quotation marks, and therefore represent genuine publications by Darwin in a book/" The 30 beetle species credited to Darwin are listed on Darwin Online: Darwin's British Insects.

The exquisite plates are colored by hand, after drawings by Charles M. Curtis (1795-1839) and John Obadiah Westwood (1905-1893), who was among the first entomologists with an academic position at Oxford University. Although he worked on insect classification and diversity for more than sixty years from the publication of Darwin's *Origin of Species*, he never accepted the ideas on evolution.

James Francis Stephens was an English entomologist and naturalist. He was elected fellow of the Linnean Society on 17 February 1815, and of the Zoological Society of London in 1826. From 1815 to 1825 he took a great interest in ornithology and contributed to the work of George Shaw (1751-1813). He was granted leave from office to assist William Elford Leach in 1818 to arrange the insect collection at the British Museum, and eventually described as many as 2800 British insect species. In 1833, he was founder of what became the Royal Entomological Society of London. Stephens made a large insect collection that included many specimens. After his death the insect collection was purchased by the British Museum.

PROVENANCE : Bruce Lowther (1926-1999) Collection, c/o J.T. Barnes, 503 Royal Trust Building, Victoria, B.C. Lowther was a journalist, broadcaster, author and historian with a particular interest in British Columbia labor history. From 1954-76 he worked as a reporter and columnist for the *Victoria Daily Colonist*. His collection of books was donated to the Saanich Archives, Saanich, British Columbia.

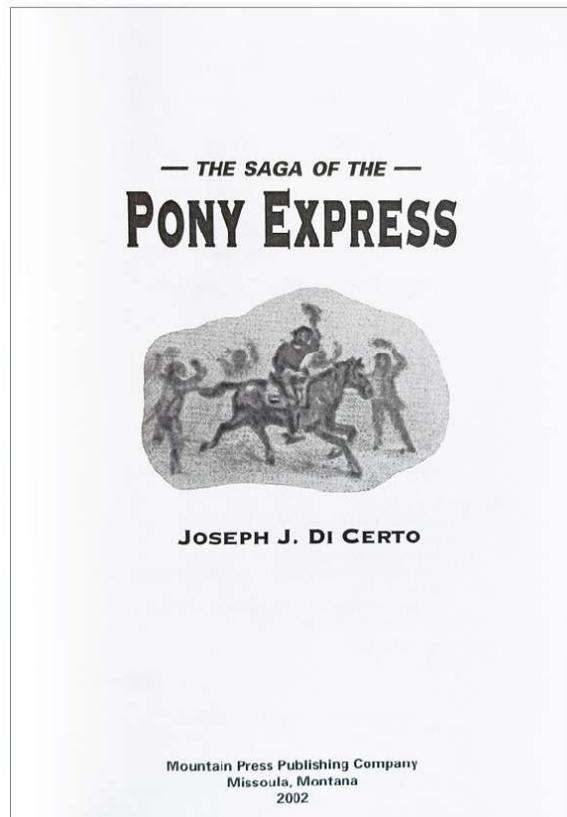
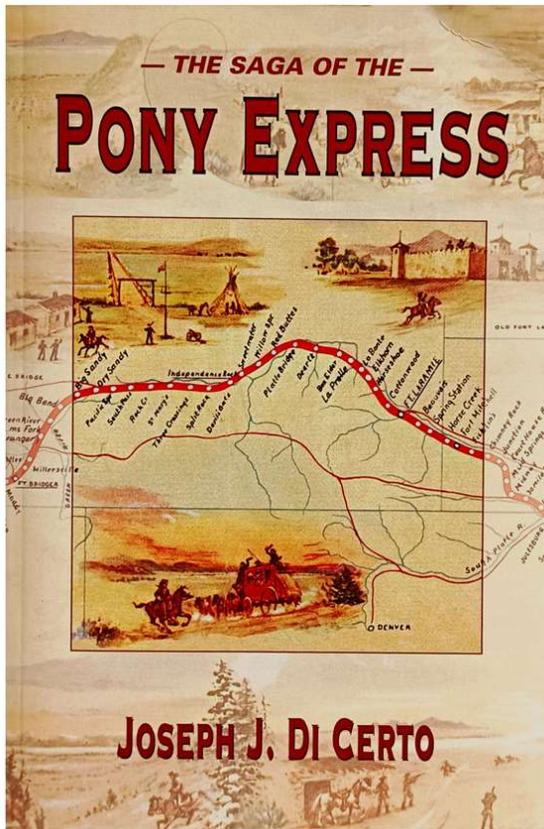
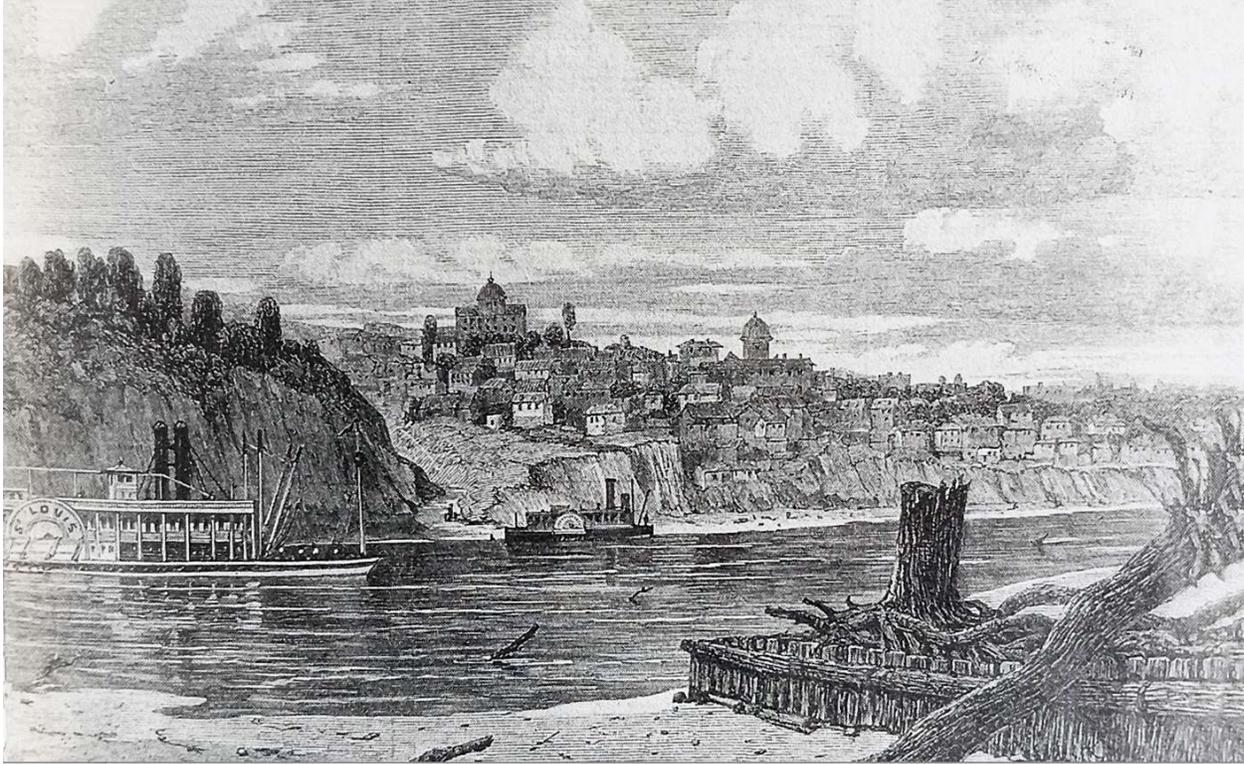


Pioneering Woman Physicist

S13976 **DE HAAS-LORENTZ, Geertruida Luberta** (1885-1973). *Die Brownsche Bewegung und einige verwandte erscheinungen*. Braunschweig: Friedr. Vieweg und Sohn, 1913. ¶ Small 8vo. 103, [1] pp. Original brown cloth stamped in black. Ownership signature of E. Flammer, Kingston, Ontario, 1920 [later of Caltech], (with his ink notes on p. 13, 15). Very good copy.

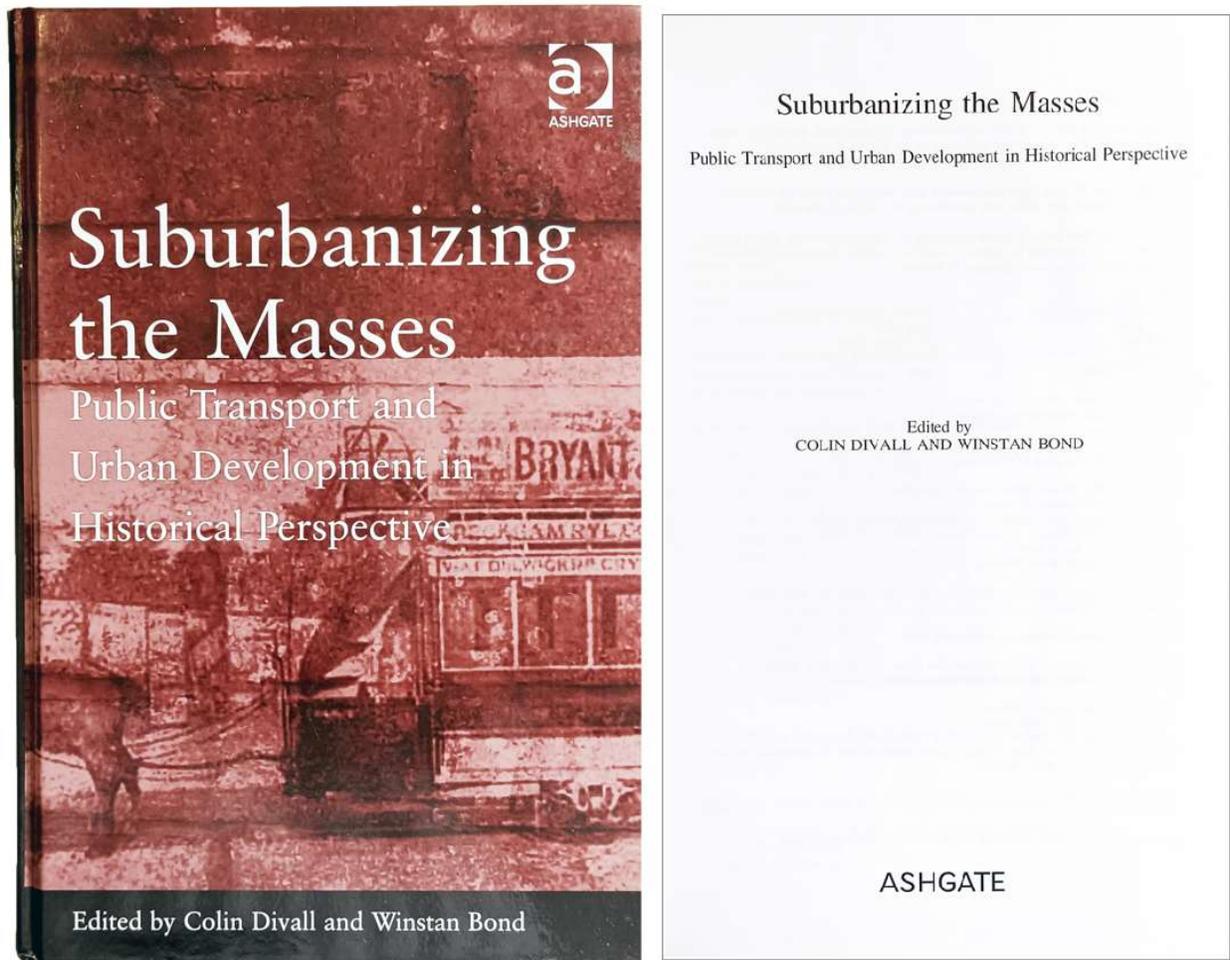
\$ 25

First edition. Geertruida Luberta de Haas-Lorentz was a Dutch physicist and the first to perform fluctuational analysis of electrons as Brownian particles. Consequently she is considered to be the first woman to work in electrical noise theory. She studied physics at the University of Leiden with her father as dissertation advisor and earned her doctor's degree in 1912 on a thesis entitled "*Over de theorie van de Brown'schen beweging en daarmee verwante verschijnselen*" (On the theory of Brownian motion and related phenomena).



BL2198 **DI CERTO, Joseph J.** *The Saga of the Pony Express*. Missoula: Mountain Press, 2002.

¶ FIRST EDITION. 8vo. ix, 245 pp. Frontis., photos and illustrations (including title and half-title), index. Printed wrappers. Burndy bookplate. Fine. \$ 7

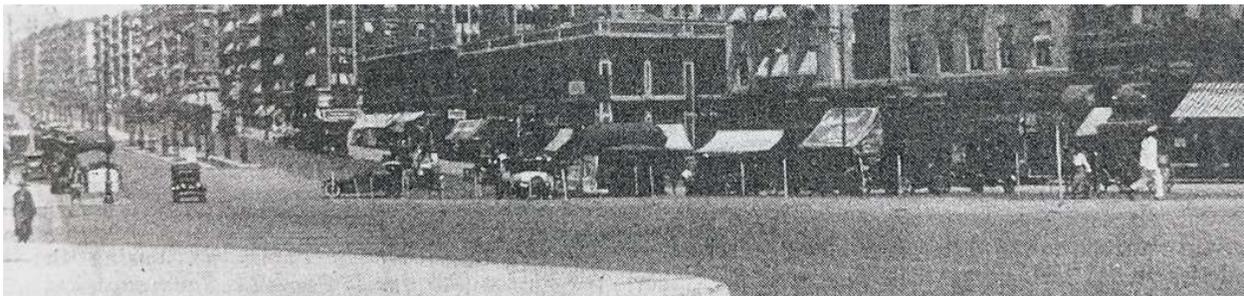


BL2201 **DIVALL, Colin; Winstan BOND** (eds.). *Suburbanizing the Masses: Public Transport and Urban Development in Historical Perspective*. Aldershot and Burlington: Ashgate, 2003.

¶ 8vo. xvi, 319 pp. Figs., tables, index. Pictorial boards. Burndy bookplate. Fine.

\$ 20

First edition. "Suburbanizing the Masses examines how collective forms of transport have contributed to the spatial and social evolution of towns and cities in various countries since the mid nineteenth century. Divided into two sections, the volume develops first the classic tradition on transport and the city, public transport's 'impact' on urban development. The contextualisation of transport is one important factor in the historical debates surrounding urban development. As well as analysing the discourse employed by urban political and business elites in favour of public transport, these contributions show the degree to which practice often fell short of ideals. The second section tackles the professional paradigms of urban transport: the circulation of traffic in cities and the technological modes appropriate to its realization. In particular these contributions explore the paradigms held by professional planners and managers, and the political classes associated with them. From a variety of perspectives Suburbanizing the Masses demonstrates the continuing relevance of socio-historical inquiry on the relationship between public transport and urban development. By differentiating between the many roles of urban transport in the nineteenth century, it confirms that public transport was not directly linked to urban growth, and instead often had only a limited effect on the wider urban structure. Suburbanizing the Masses forces a reassessment of the received historiography that maintains cheap public transport was essential to the spectacular growth of cities in the nineteenth century." [pub.]. Also issued in wrappers.

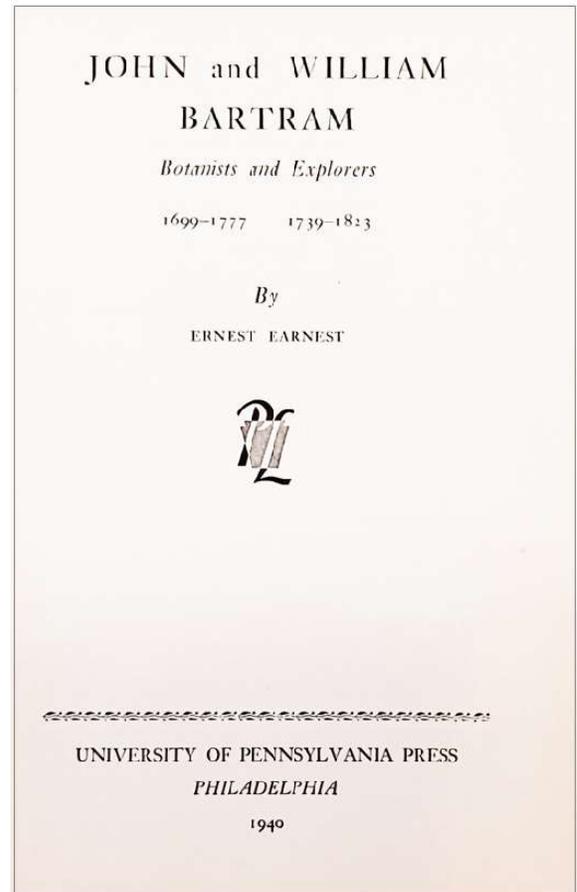
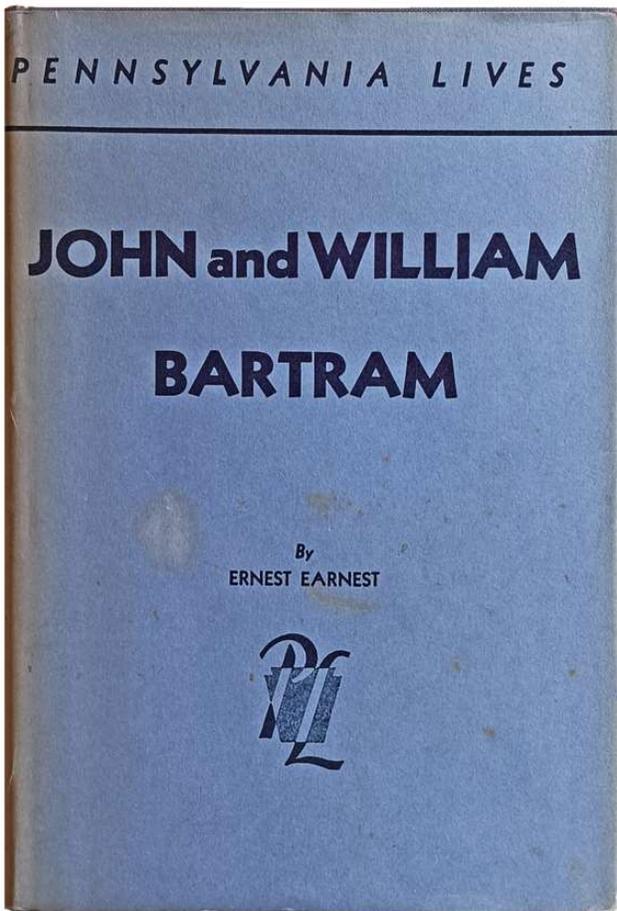


CONTENTS: Introduction: Technology, (Sub)urban Development and the Social Construction of Urban Transport, by Colin Divall, Barbara Schmucki.

¶ PART ONE: TRANSPORT AND (SUB)URBAN DEVELOPMENT / chapter 1: Between Politics and Technology: Transport as a Factor of Mass Suburbanization in Europe, 1890–1939, by Paolo Capuzzo; chapter 2: The Flawed Economics and Morality of the American Uniform Five-cent Fare, by Winstan Bond; chapter 3: Suburbanizing the Masses for Profit or Welfare: Conflict and Cooperation Between Private and Municipal Interests in German Cities, 1890–1914, by Dieter Schott; chapter 4: Suburban Rail in Poland: Decline at the Dawn of Suburbanization?, by Jacek Wesolowski; chapter 5: Changing Patterns of Travel, Transport and Land Ownership in a Victorian New Town: Middlesbrough to 1939, by Tony Carr.

¶ PART TWO: PROFESSIONAL PARADIGMS OF URBAN TRANSPORT AND TRAFFIC / chapter 6: Cities as Traffic Machines: Urban Transport Planning in East and West Germany, by Barbara Schmucki; chapter 7: Vision in Solid Form: A Comparison Between Two Solutions to the Traffic Problem in Stockholm, 1941 and 1992, by Tomas Ekman; chapter 8: Urban Railways Redivivus: Image and Ideology in Los Angeles, California, by Robert C. Post; chapter 9: Accounting for the Customers? A Tale of Public Transport in 1930s Coventry, by Lesley Whitworth.

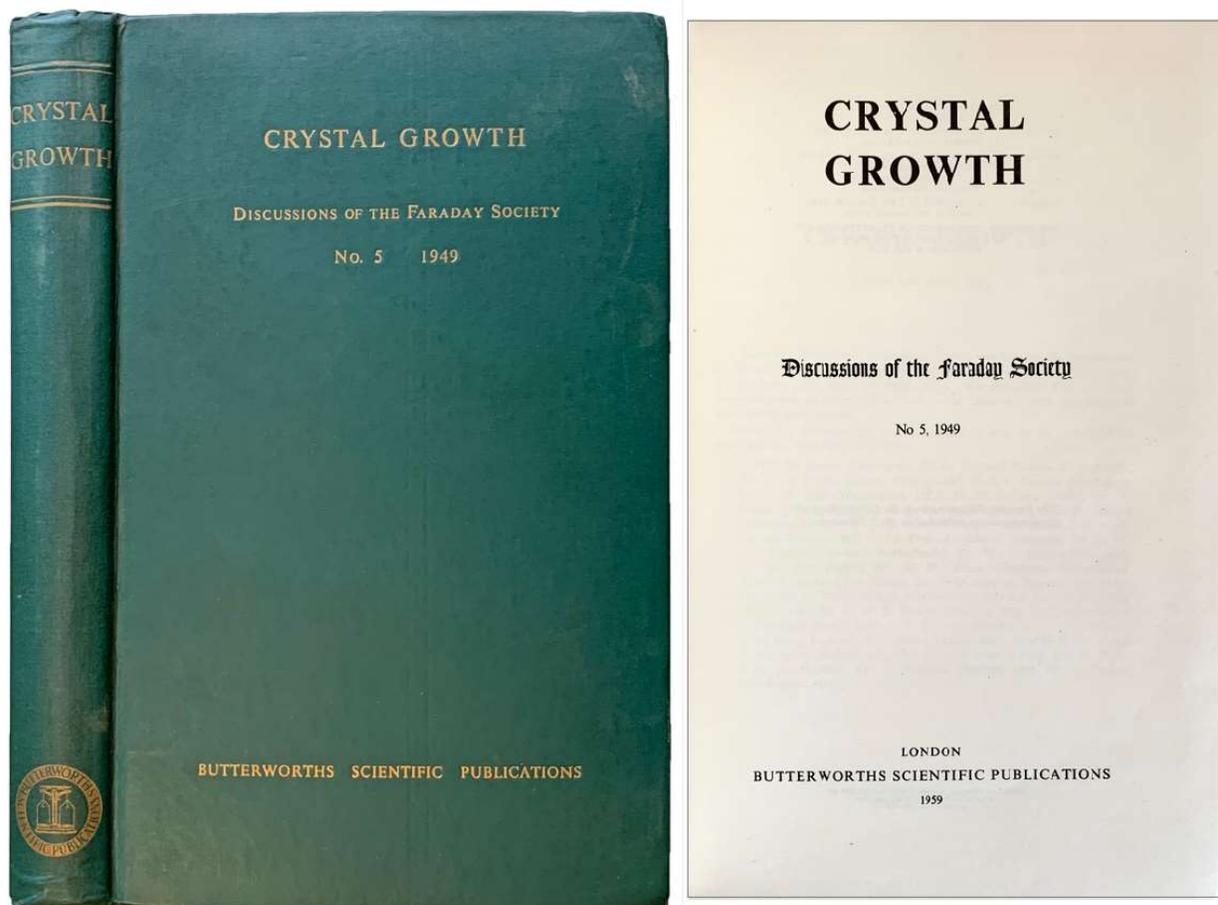
¶ PART THREE: PUBLIC TRANSPORT AND URBAN IDENTITIES; chapter 10: Redefining the City: People, Transportation and Space in Philadelphia, 1876–1901, by John H. Hepp; chapter 11: Civic Pride, Urban Identity and Public Transport in Britain, 1880–1980, by Ralph Harrington; chapter 12: Passenger Connections: Views of the Intercity Bus Terminal in the USA, by Margaret Walsh; chapter 13: The Transit Destinations of Japanese Public Space: The Case of Nagoya Station, by Jilly Traganou.



BL2204 **EARNEST, Ernest Penney** (1901-1981). *John and William Bartram: Botanists and Explorers, 1699-1777, 1739-1823*. Philadelphia: University of Pennsylvania Press, 1940. ¶ FIRST EDITION. Series: *Pennsylvania Lives*. 8vo. vi, 187 pp. Frontis. port. of John Bartram, later port. of William Bartram, index. Blue cloth, gilt-stamped cover emblem and spine title, dust-jacket; front jacket cover a bit stained. Burndy bookplate. Very good.

\$ 20

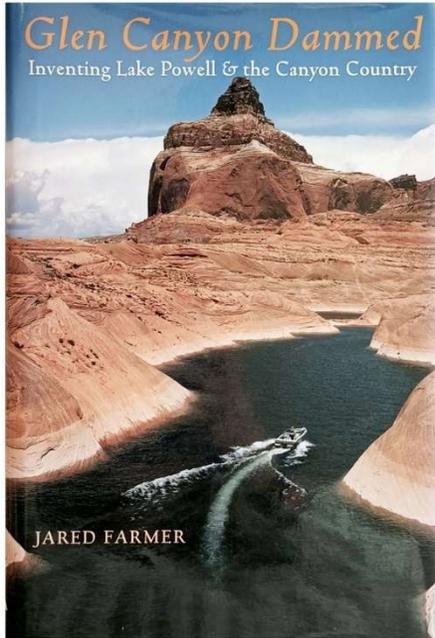
Foreword by Conway Zirkle. Contents: Introduction -- I. John Bartram -- II. The Road to Damascus -- III. The Philadelphia and Quaker Backgrounds -- IV. Collinson and Bartram -- V. John Bartram's Travels -- VI. The Telescope -- VII. Recognition -- VIII. William Bartram -- IX. What a Surprising Fountain! -- X. The Wanderer -- XI. The Travels -- XII. The Spirit of Nature -- XIII. The Spirit of The Century -- XIV. The Crest Of Feathers -- XV. The Quiet Years -- XVI. The Sister Muses -- Index.



S9403 **Faraday Society.** *Crystal Growth. Discussions of the Faraday Society No. 5, 1949.* London: Butterworth's Scientific, 1959. ¶ 8vo. 366 pp. Numerous plates, figs. and charts, index; light marginal penning on front and back endpapers. Gilt-stamped green cloth. Very good.

\$ 20

A general discussion on crystal growth was held in the Department of Physics, Bristol University on the 12th, 13th, and 14th April, 1949.



BL2207 **FARMER, Jared.** *Glen Canyon Dammed: Inventing Lake Powell and the Canyon Country.* Tucson: University of Arizona Press, 1999. ¶ **FIRST EDITION.** 8vo. xxviii, 269 pp. Photos, maps, index. Blue paper boards, gilt-stamped spine title, dust-jacket. Burndy bookplate. Fine.

\$ 10

Jared Farmer is the Walter H. Annenberg Professor of History at the University of Pennsylvania. He specializes in environmental history, landscape studies, and the North American West.

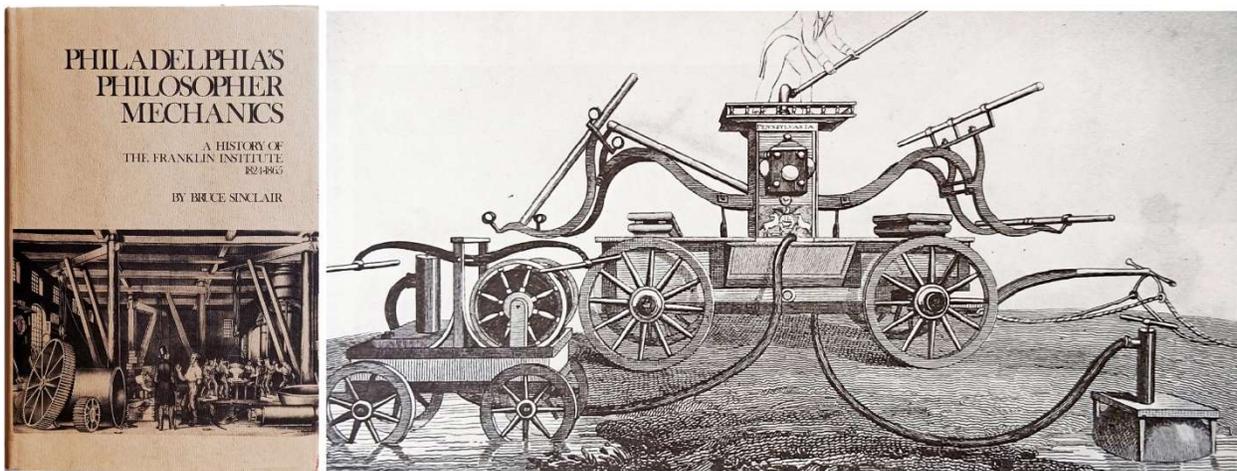


S9484 **FISCHER, Herman Emil** (1852-1919); **Joseph von MERING** (1849-1908). *Ueber eine neue Klasse von Schlafmitteln*. Contained in: *Die Therapie der Gegenwart*, pp. [97]-101. March 1903. Berlin & Vienna: Urban & Schwarzenberg, 1903. ¶ 4to. (265 x 177 mm) pp. [97]-144. Modern black cloth boards, gilt-stamped spine title. Bookplate of Andras Gedeon. Fine. \$ 450

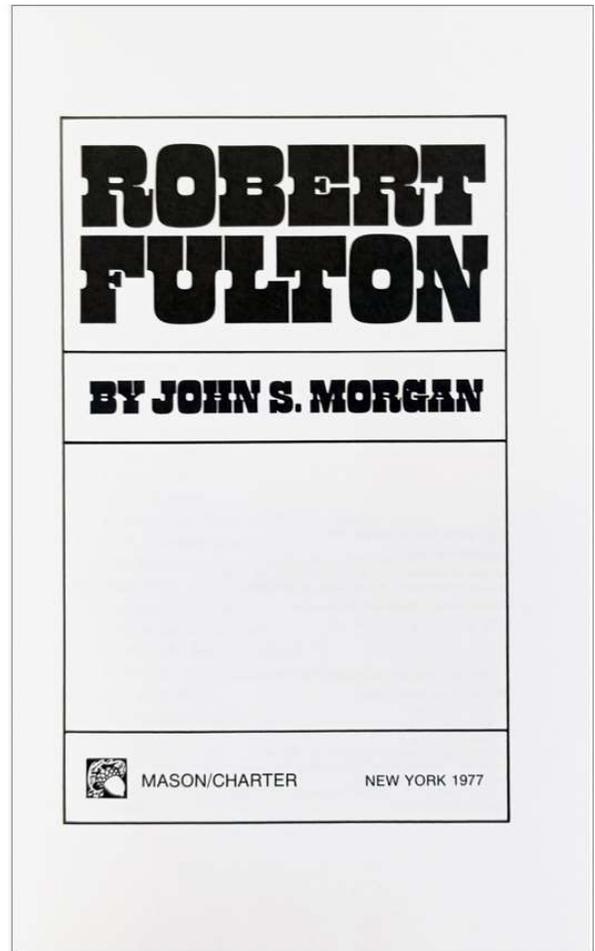
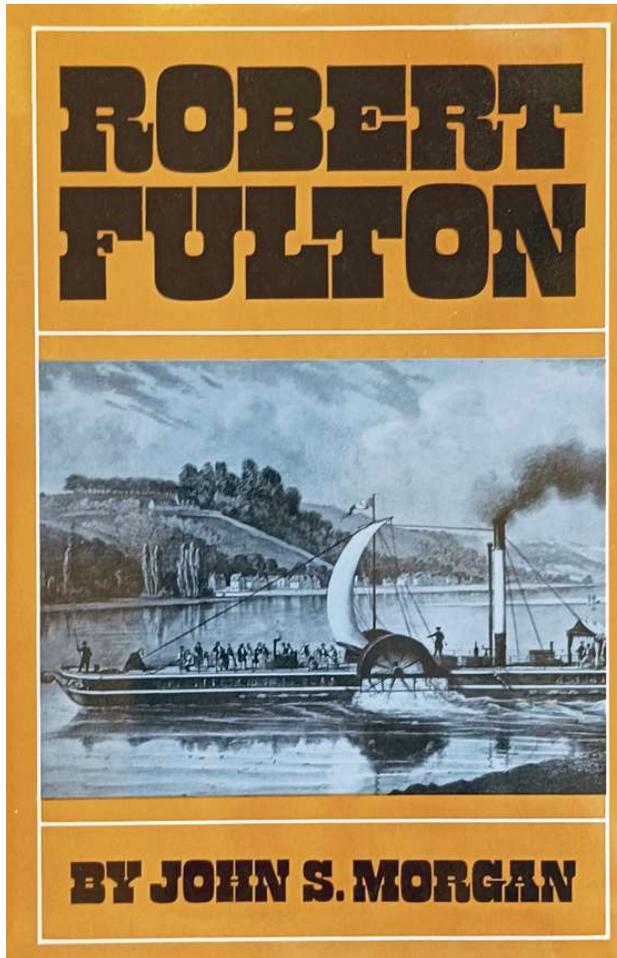
FIRST PRINTING of the discovery of diethyl barbituric acid. Fischer received the Nobel Prize in Chemistry in 1902. "Berlin chemist Emil Fischer and Joseph von Mering synthesized diethyl barbituric acid or barbitone (Veronal) in 1902. They described their discovery in *Ueber eine neue Klasse von Schlafmitteln*, *Therapie Gegenwart* 44:97-101, 1903. The parent compound, barbituric acid, was first synthesized by Adolf von Baeyer in 1864, but barbituric acid is not itself pharmacologically active. Fischer and

von Mering soon realized that their new drug was a sedative. Veronal represented a huge improvement on the medley of existing agents. It didn't taste unpleasant. It had few adverse side effects. Unlike foul-tasting potassium bromide, Veronal acted at therapeutic levels far beneath the toxic dose. Some 2,500 barbiturates were synthesized over the next century. More than fifty have been marketed as sedatives. In 1912, phenobarbital was introduced under the brand-name Luminal. From 1912 until around 1960 barbiturates were the mainstay of pharmacological treatments of anxiety and insomnia. The development of soluble barbiturates suitable for use as intravenous anaesthetics still lay in the future." [BLTC Research, UK].

☀ Cole, *Milestones of Anesthesia*, 29; Garrison & Morton 1892; Gedeon, *Science and technology in medicine*, pp. 372-5.

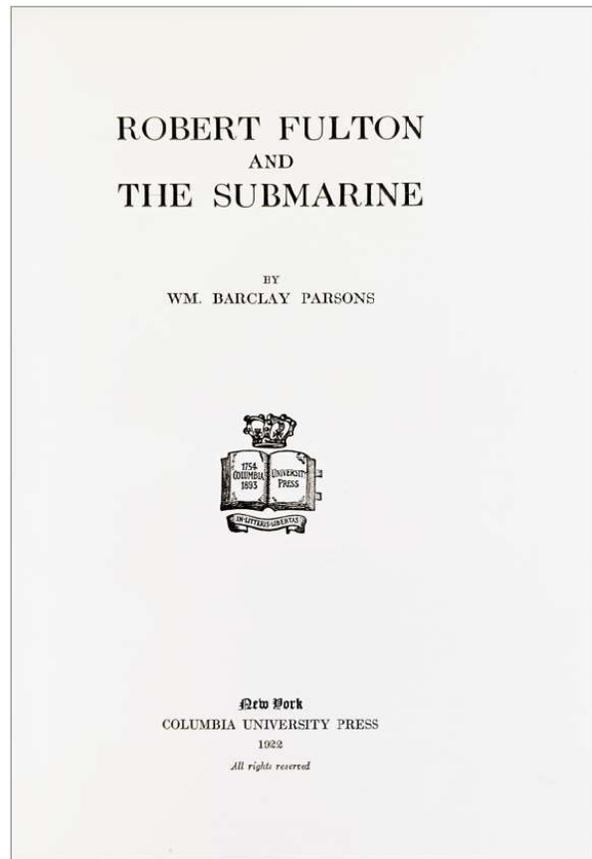
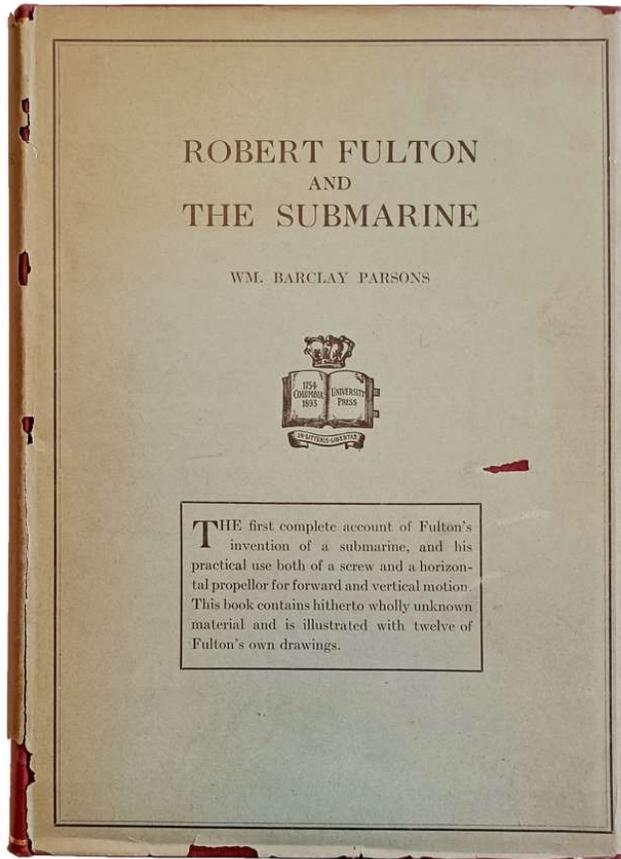


BL2186 [Franklin Institute] SINCLAIR, Bruce. *Philadelphia's Philosopher Mechanics: A History of the Franklin Institute, 1824-1865*. Baltimore and London: Johns Hopkins University Press, 1974. ¶ FIRST EDITION. Series: *History of Technology*. 8vo. xi, 353 pp. Illustrations, index. Light tan cloth, black stamped spine title, dust-jacket. Burndy bookplate. Fine. \$ 7



BL2175 [FULTON, Robert (1765-1815)] MORGAN, John S. *Robert Fulton*. New York: Mason/Charter, 1977.

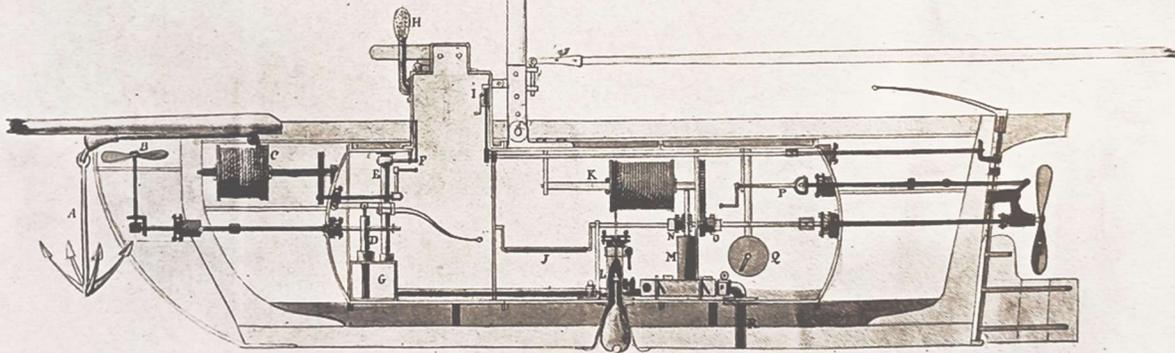
¶ First printing. 8vo. xi, 235 pp. Plates, index. Brown cloth, gilt-stamped spine title, dust-jacket. Burndy bookplate. Fine. \$ 6.95

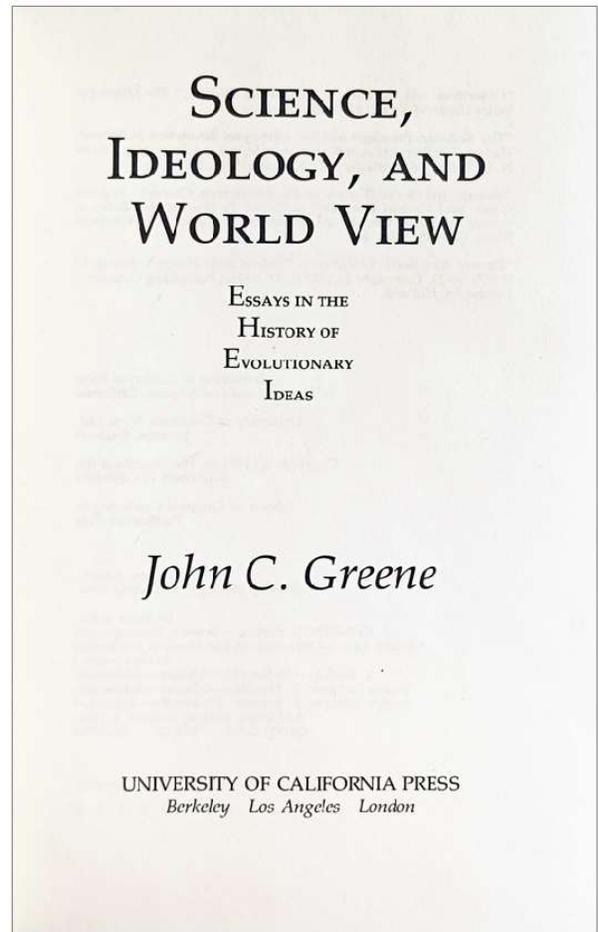
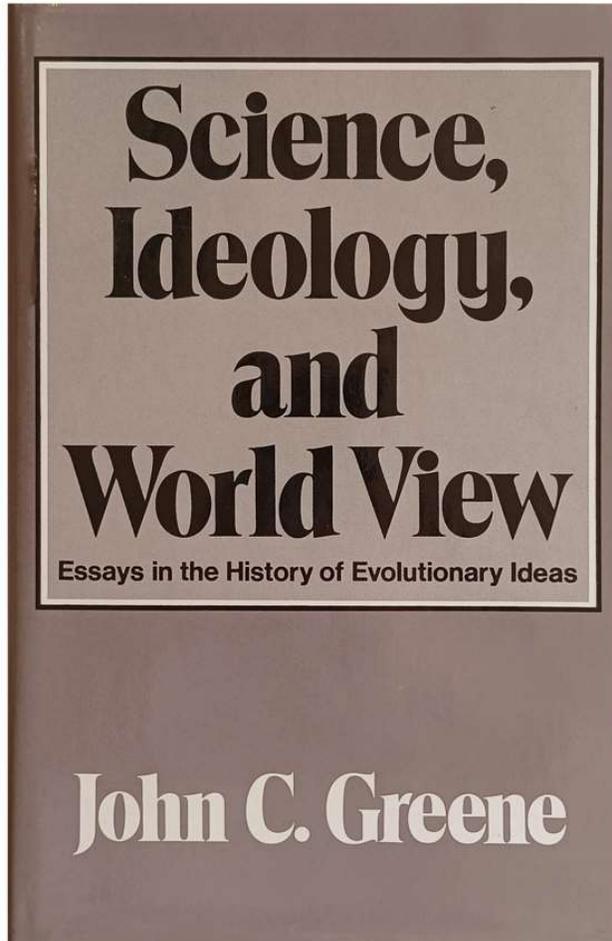


BL2178 [Fulton, Robert (1765-1815)] PARSONS, William Barclay (1859-1932). *Robert Fulton and the Submarine*. New York: Columbia University Press, 1922. ¶ FIRST EDITION. 8vo. xiii, 154 pp. Frontis. port. of Fulton, plates. Burgundy cloth, gilt-stamped cover emblem and spine title, dust-jacket; jacket chipped with pieces missing, else very good. Burgundy bookplate. Rare in the original edition with jacket.

\$ 50

William Barclay Parsons was an American civil engineer. He founded Parsons Brinckerhoff, one of the largest American civil engineering firms.



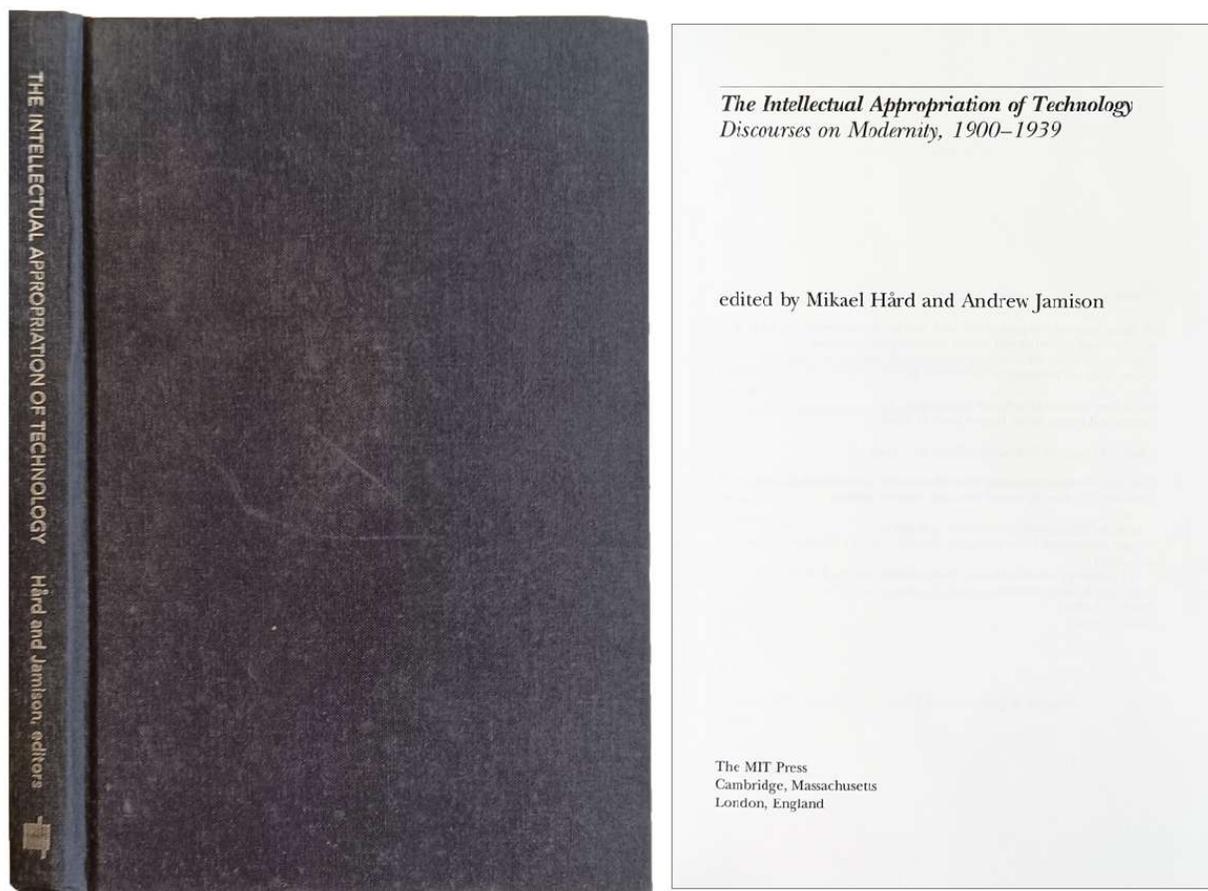


BL2212 GREENE, John C. (Colton) (1917-2008). *Science, Ideology, and World View: Essays in the History of Evolutionary Ideas*. Berkeley, Los Angeles, London: University of California Press, 1981.

¶ First printing. 8vo. x, 202 pp. Index. Gray cloth, black stamped spine title, dust-jacket. Burndy bookplate. Fine.

\$ 25

Greene was a very kind man, his scholarship and teaching were considered very influential, his experience vast. His last teaching position was at the University of Connecticut (1967-87). Prior to that he taught at Berkeley, University of Chicago, University of Wisconsin, Iowa State, Kansas. He contributed several books on science in the age of Jefferson and especially on evolution. Also issued in wrappers (this copy in cloth).



BL2153 **HARD, Mikael; Andrew JAMISON** (eds.). *The Intellectual Appropriation of Technology: Discourses on Modernity, 1900-1939*. Cambridge, MA and London: MIT Press, 1998.

¶ FIRST EDITION. 8vo. vii, 287 pp. Index. Black cloth, silver stamped spine title. Burndy bookplate. Fine.

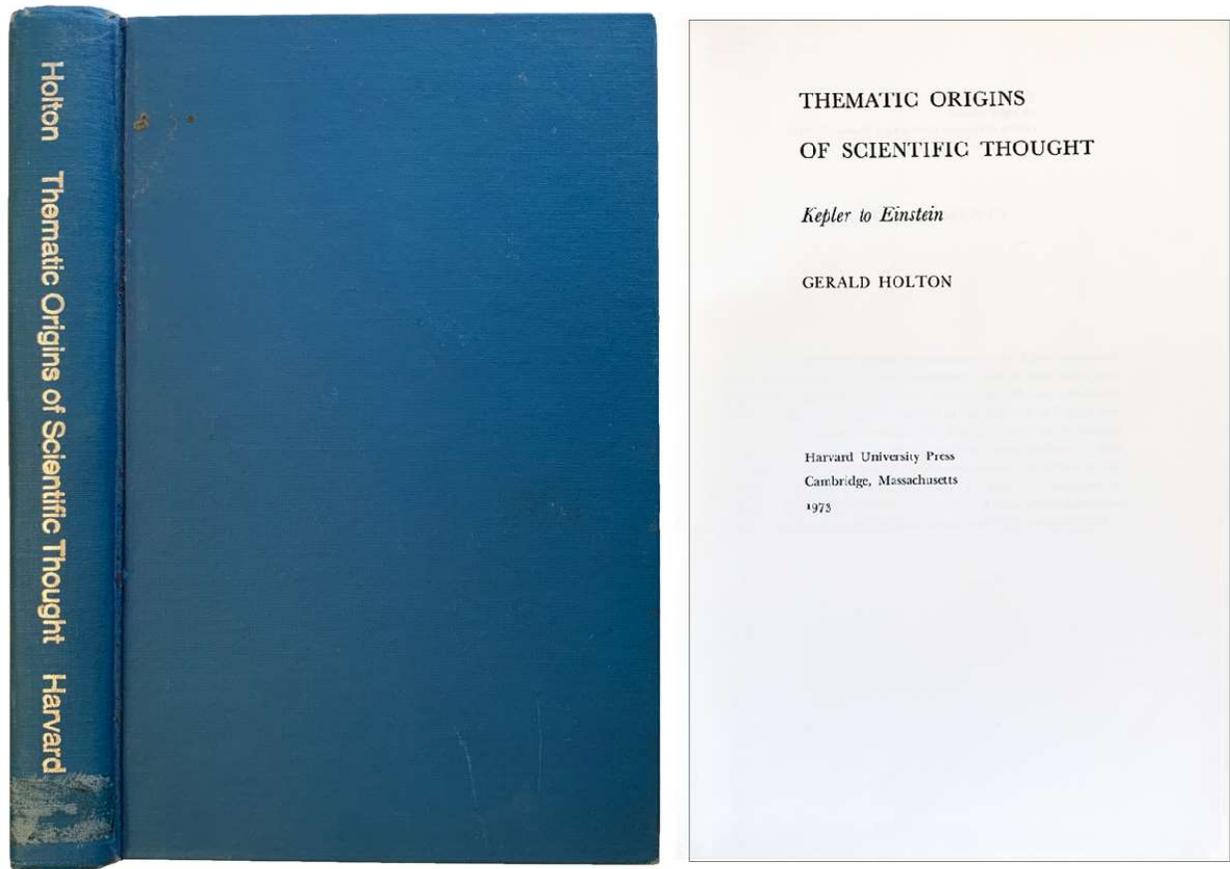
\$ 15

Also issued in wrappers; this is the cloth issue.

“This book examines the broad range of social and intellectual responses to technology in the first four decades of this century, and suggests that these responses set the terms that continue to govern contemporary debates.”

“Starting around 1900, technology became a lively subject for debate among intellectuals, writers, and other opinion leaders. The expansion of the machine into ever more areas of social and economic life had led to a need to interpret its meanings in a more comprehensive way than in the past. World War I and its aftermath shifted the terms of this ongoing debate by underlining both the potential dangers of technology and its centrality to modern life. This book examines the broad range of social and intellectual responses to technology in the first four decades of this century, and suggests that these responses set the terms that continue to govern contemporary debates. Focusing on the broader contexts within which intellectual positions are formed, the book highlights the ways in which attitudes toward technology were shaped in a wide variety of national and organizational settings. A common theme is that, in debating technology, people drew on their distinctive national symbols and cultural traditions. By emphasizing the interplay between debates on technology and the making of modernity, the book challenges standard historical accounts of the early twentieth century.” [MIT Press].

Contributors: Ketil G. Andersen, Aant Elzinga, Tor Halvorsen, Mikael Hård, Kjetil Jakobsen, Andrew Jamison, Catharina Landström, Conny Mithander, Sissel Myklebust, Dick van Lente, Peter Wagner.

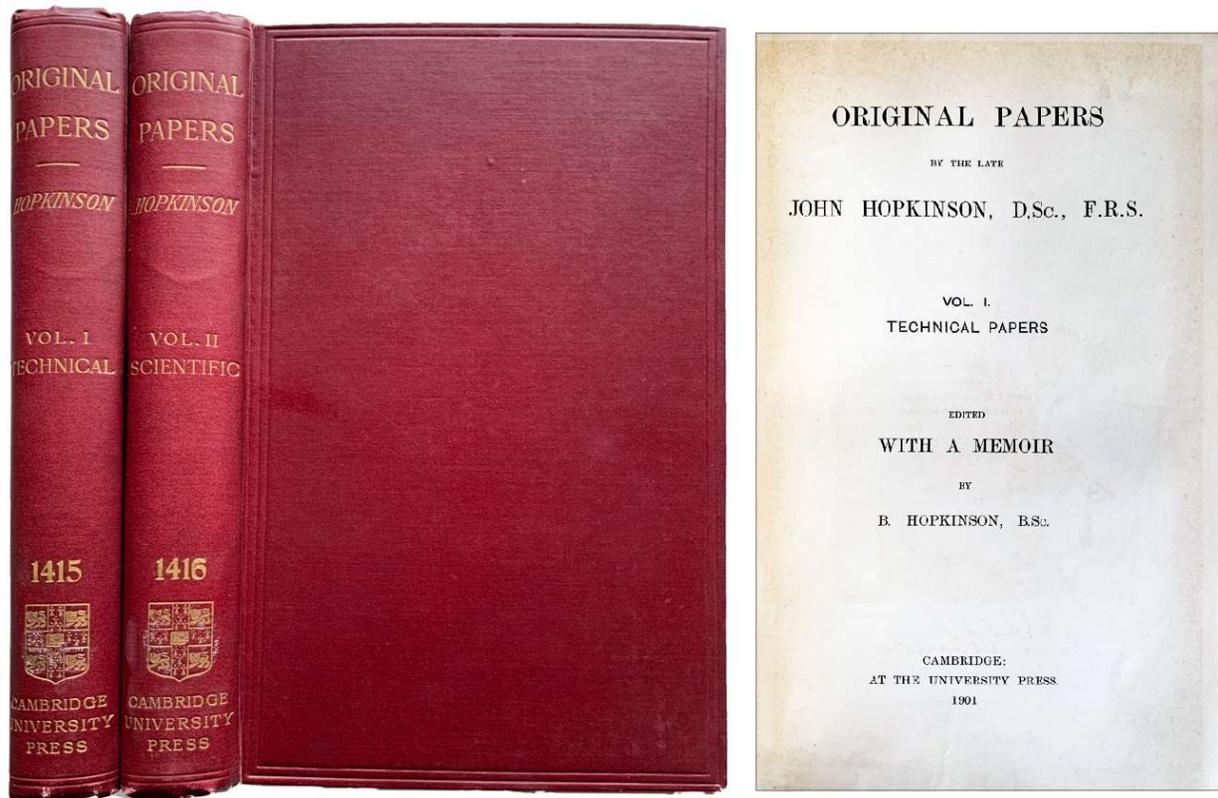


S13977 **HOLTON, Gerald** (1922-). *Thematic Origins of Scientific Thought: Kepler to Einstein*. Cambridge: Harvard University Press, 1973.

¶ 8vo. 495, [1] pp. Figs., index. Blue cloth; gummed tape removed from spine. Ex-library copy. Ownership signature of David C. Lindberg.

\$ 5

Gerald James Holton is an American physicist, historian of science, and educator, whose professional interests also include philosophy of science and the fostering of careers of young men and women. He is Mallinckrodt Professor of Physics and Professor of the History of Science Emeritus at Harvard University.

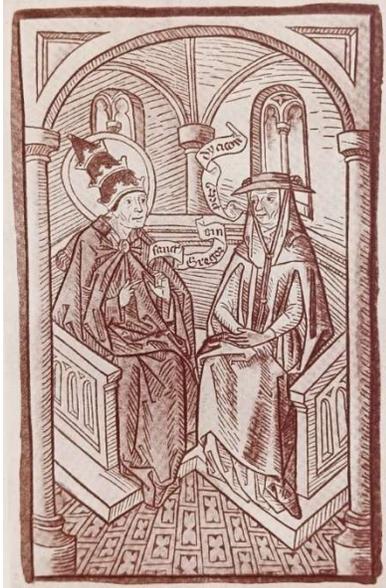


S11337 **HOPKINSON, John, FRS** (1849-1898). *Original Papers by the Late John Hopkinson. Edited with a memoir by B. Hopkinson. Vol. I: Technical Papers. Vol. II: Scientific Papers.* Cambridge, UK: Cambridge University Press, 1901. ¶ 2 volumes. 8vo. lxvi, 294; vii, 393 pp. Frontispiece, figures. Original double-ruled maroon cloth, gilt-stamped spines; corners and spine ends faintly rubbed. Half-title and f.f.e.p. rubber stamps, Dominion Observatory Ottawa Library bookplates. Very good +.

\$ 145

"Of the many names associated with the development of electrical engineering during the last quarter of the nineteenth century, John Hopkinson claims a position of undisputed and honoured pre-eminence" (*Philosophical Magazine*). "Hopkinson's application of Maxwell's electromagnetic theories to the analysis of residual charge and displacement in electrostatic capacity led to his selection as a fellow of the Royal Society in 1877. . . In addition to having been elected fellow of the Royal Society at

twenty-nine, he was twice president of the *Institution of Electrical Engineers*. At forty-nine, Hopkinson, with three of his children. . . , [were] killed in a mountain climbing accident in the [Pennine] Alps [Switzerland]." (*DSB*, Vol. VI, p. 504). "Original Papers. . ." *Philosophical Magazine*. 1902: p. 357.

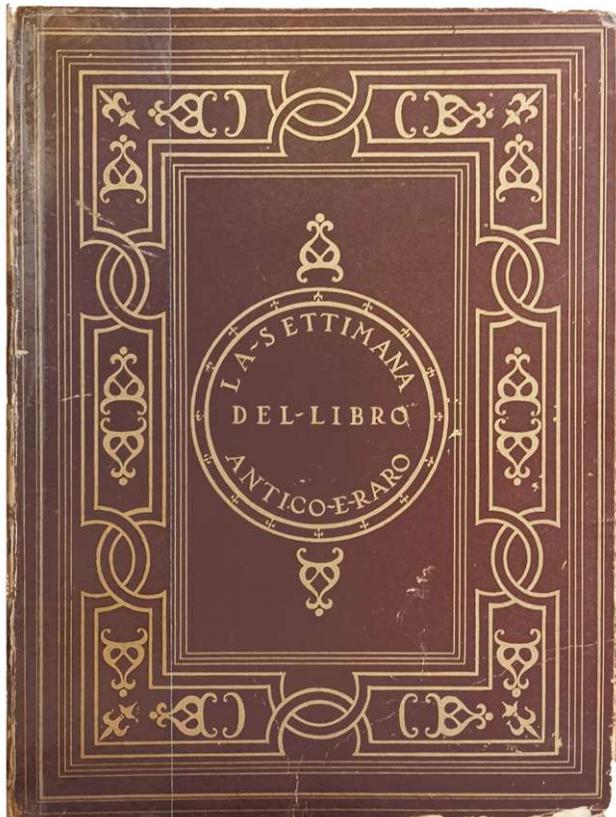
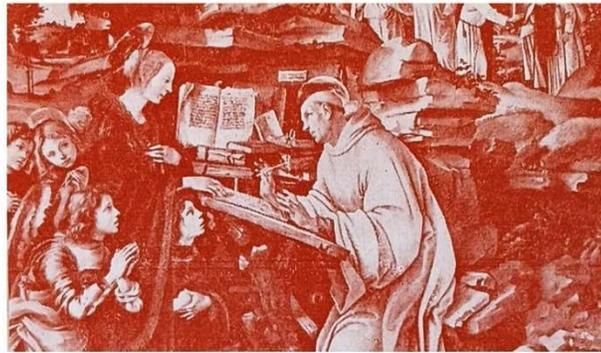


IV FOIRE INTERNATIONALE DU LIVRE

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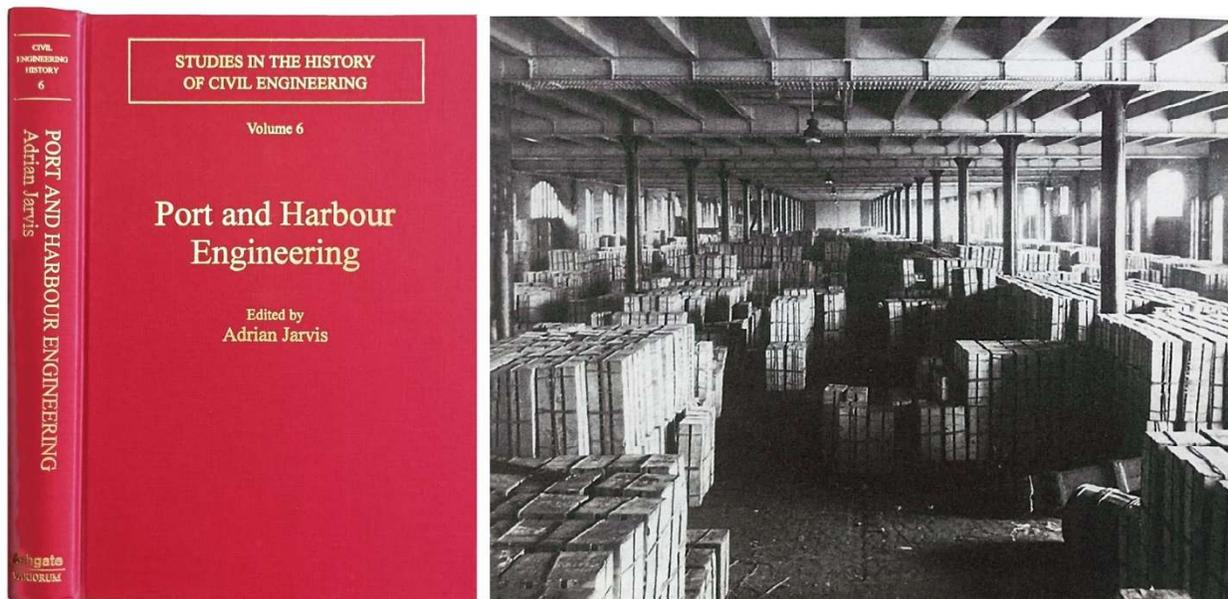
presso l'Istituto Italiano del Libro
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BL2146 [Italian Books, Florence] IV Fiera Internazionale del Libro. *Settimana del Libro Antico e Raro. Catalogo di 100 preziosi volumi, manoscritti, incunabili, libri illustrati, legature artistiche ecc., che saranno esposti a Firenze, nel Palazzo Riccardi, Galleria di Luca Giordano, da Sabato 28 maggio 1932 a Venerdì 3 giugno e quindi venduti al maggior offerente Sabato 4 giugno, a ore 15. Precedono tre studi bibliografici ed eruditi di Nello Tarchiani, Umberto Dorini ecc.* Firenze: Presso l'Istituto Italiano del Libro, 1932.

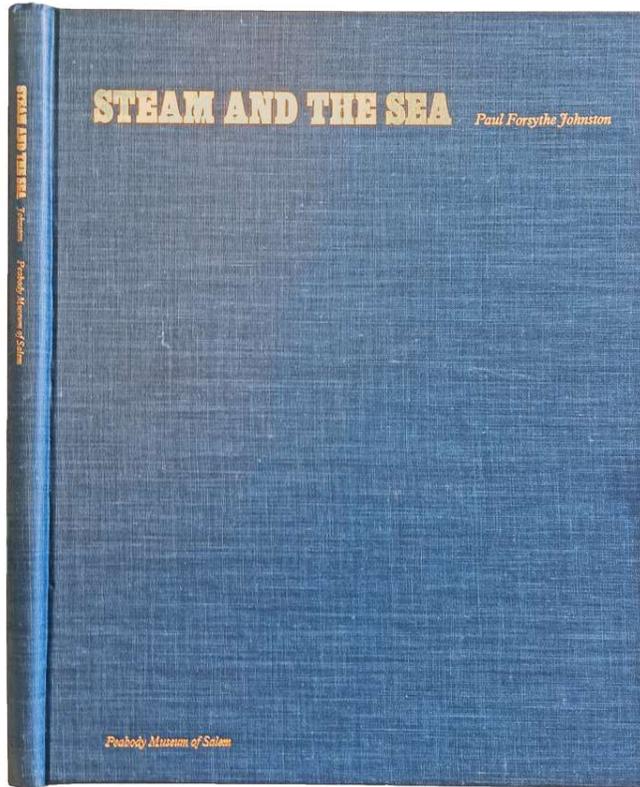
¶ 8vo. xxxix, 96, [1] pp. French & Italian texts. Illustrations tipped in (3 pls. in color); plate-section is of loose leaves, as issued. Printed wrappers; a bit worn, some light foxing, some pages uncut. Housed in original folding boards chemise; boards mended with tape. Burndy bookplate. Very good. Rare.

\$ 20

This work includes 96 separate, numbered plates (the edition states that plate 43 has been removed, 95 total plates). With essays by Nello Tarchiani (1878-1941) an Italian art critic and museologist, In 1926 he was appointed Director of the Uffizi and in 1921-1922 he oversaw the transfer of the Modern Art Gallery , from Via Ricasoli to the second floor of Palazzo Pitti. Umberto Dorini (1872-1960), was an Italian archivist and historian.



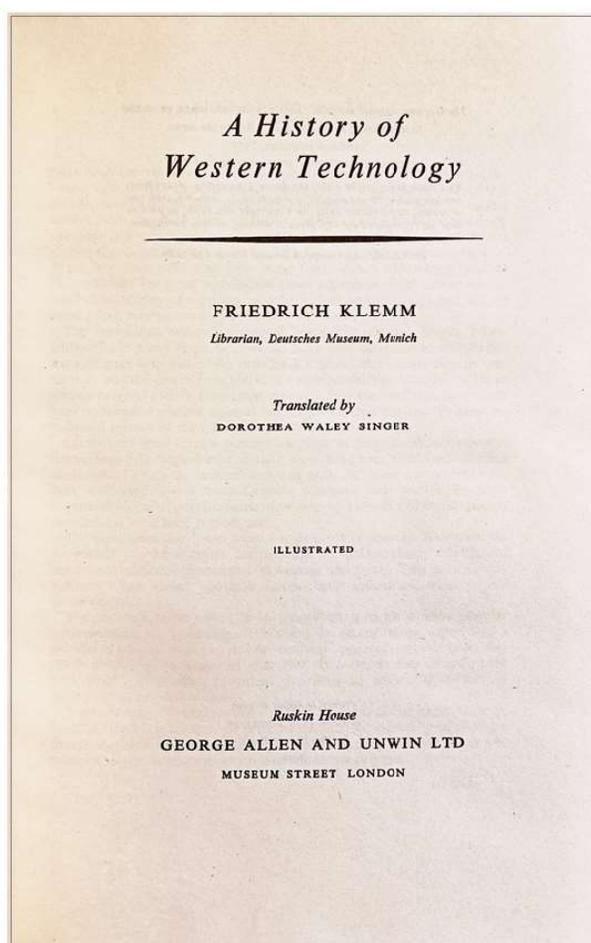
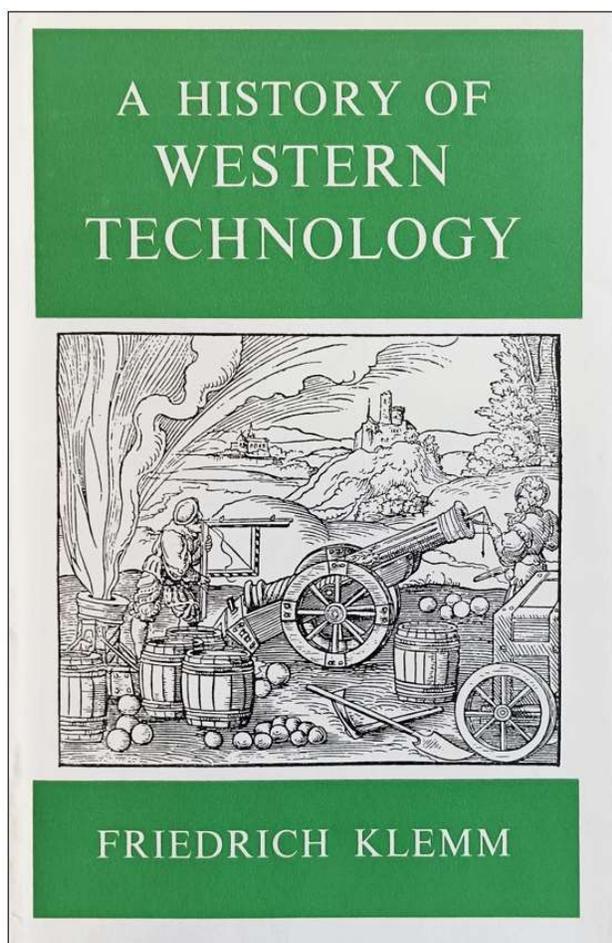
BL2160 **JARVIS, Adrian** (ed.). *Port and Harbour Engineering*. Aldershot, et al.: Ashgate, 1998. ¶ Series : *Studies in the History of Civil Engineering*, Vol. 6. 8vo. xxxiv, 416 pp. Photos and illustrations, tables, indexes. Red cloth, gilt-stamped cover and spine titles. Burndy bookplate. Fine. \$ 15



BL2161 **JOHNSTON, Paul Forsythe** (1950-). *Steam and the Sea*. Salem, MA: Peabody Museum of Salem, 1983. ¶ Tall 8vo. v, 90 pp. Illustrations (some in color), index. Dark blue cloth, gilt-stamped cover and spine titles. Burndy bookplate. Fine.

\$ 5

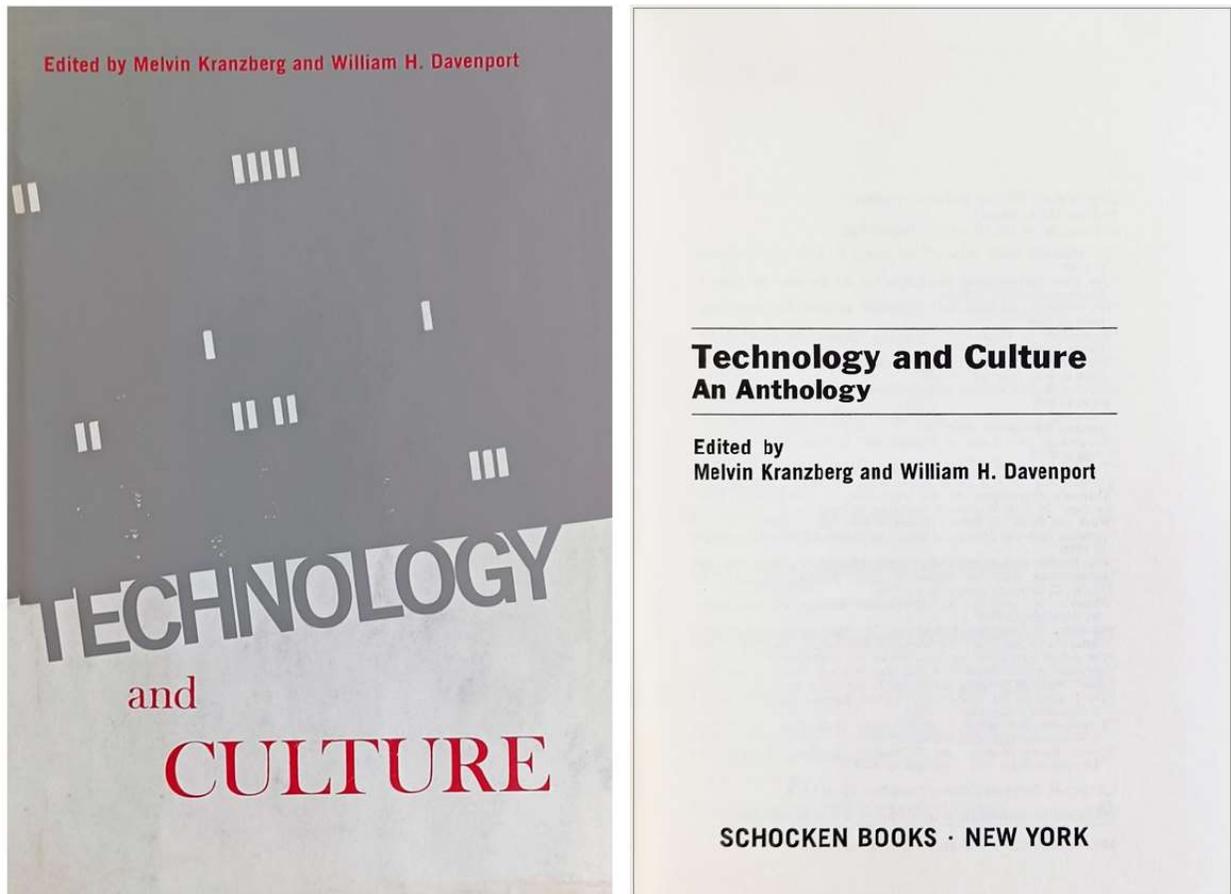
Johnston also wrote, *Ship and Boat Models in Ancient Greece*.



BL2162 **KLEMM, Friederich** (1904-1983). *A History of Western Technology. Translated by Dorothea Waley Singer*. London: Ruskin House, George Allen and Unwin, 1959. ¶ 8vo. 401, ads. [3] pp. 24 plates, 59 figs., indexes. Green cloth, silver stamped spine title, dust-jacket; jacket has some light edgewear. Burndy bookplate. Very good. Scarce.

\$ 10

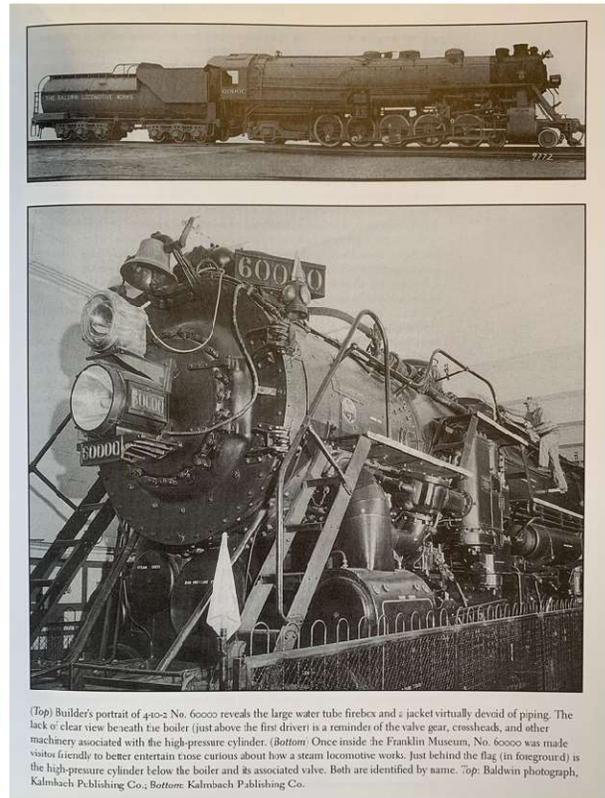
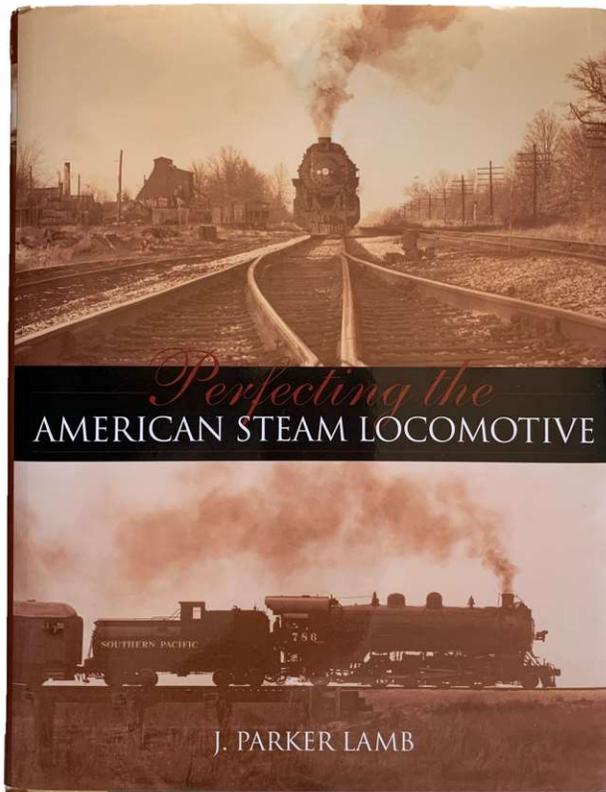
English translation of original 1954 German edition, *Technik: Eine Geschichte Ihrer Probleme*. Friedrich Klemm was a leading German historian of technology and for a long time held this position in a central position in Germany as the library director of the Deutsches Museum in Munich. In 1964 Klemm was elected a member of the Leopoldina and in 1975 he was awarded the Leonardo da Vinci Medal.



BL2163 **KRANZBERG, Melvin** (1917-1995); **William H. DAVENPORT** (eds.). *Technology and Culture: An Anthology*. New York: Schocken Books, 1972. ¶ 8vo. 364 pp. Red cloth, silver stamped spine title, dust-jacket. Burndy bookplate. Very good. Scarce.

\$ 28

Melvin Kranzberg was an American historian, and professor of history at Case Western Reserve University from 1952 until 1971. He was a Callaway professor of the history of technology at Georgia Tech from 1972 to 1988.



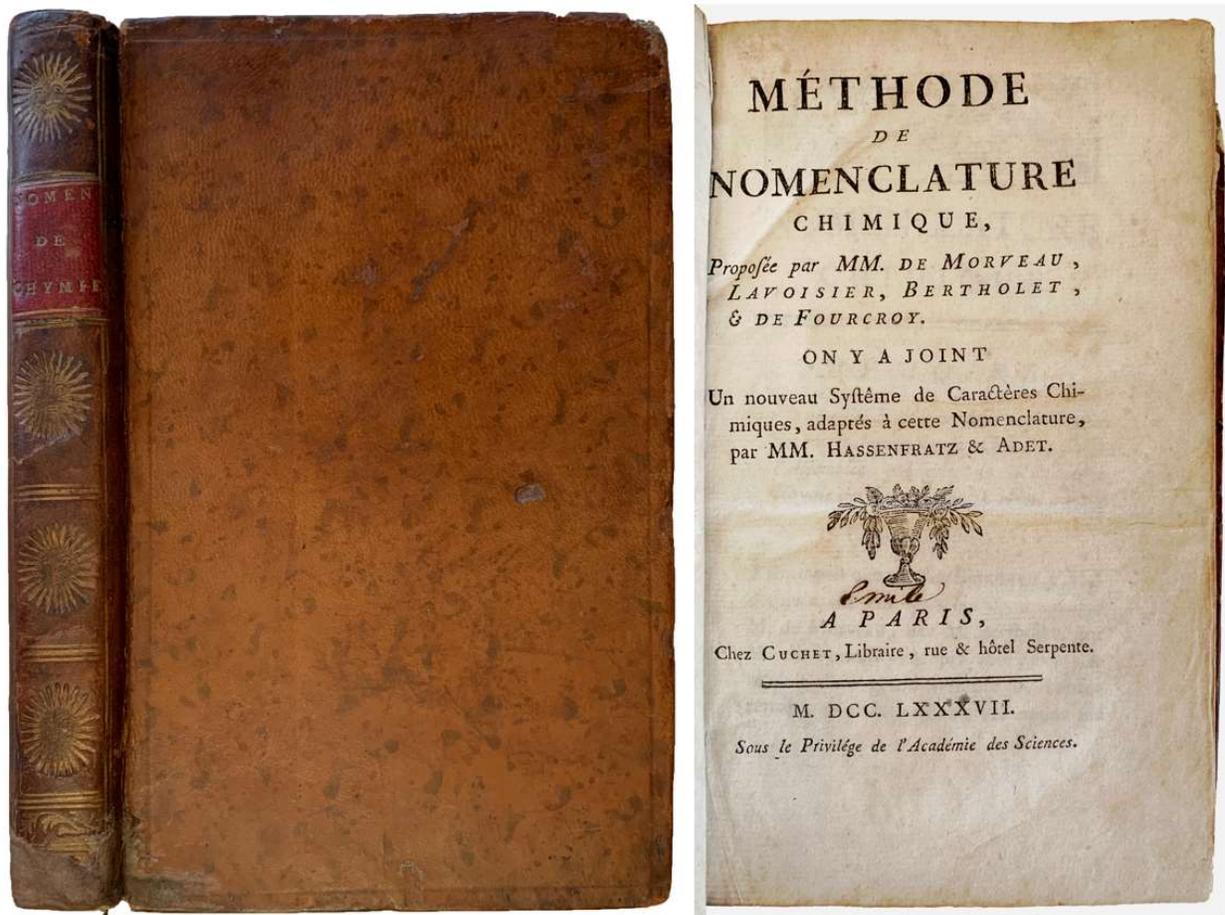
(Top) Builder's portrait of 4-10-2 No. 60000 reveals the large water tube firebox and a jacket virtually devoid of piping. The lack of clear view beneath the boiler (just above the first driver) is a reminder of the valve gear, crossheads, and other machinery associated with the high-pressure cylinder. (Bottom) Once inside the Franklin Museum, No. 60000 was made visitor friendly to better entertain those curious about how a steam locomotive works. Just behind the flag (in foreground) is the high-pressure cylinder below the boiler and its associated valve. Both are identified by name. Top: Baldwin photograph, Kalmbach Publishing Co.; Bottom: Kalmbach Publishing Co.

BL2164 **LAMB, J. Parker.** *Perfecting the American Steam Locomotive.*

Bloomington and Indianapolis: Indiana University Press, 2003. ¶ FIRST EDITION. Series: Railroads Past and Present. Tall 8vo. xi, 197 pp. Photos and illustrations, tables, index. Quarter tan cloth with brown paper boards, brown stamped spine title, dust-jacket. Burndy bookplate. Fine.

\$ 12.95

Lamb was former Chair of the Department of Mechanical Engineering at the University of Texas, Austin.



The New Terminology for Chemistry

“... it is still the basis of the language of modern chemistry.” – Duveen

S13982 **LAVOISIER, Antoine Laurent** (1743-1794) ; **Louis Bernard Guyton de MORVEAU** (1737-1816) ; **Claude-Louis BERTHOLLET** (1748-1822) ; **Antoine-François de FOURCROY** (1755-1809) ; **Jean Henri HASSENFRTZ** (1755-1827) ; **Pierre-Auguste ADET** (1763-1834). *Méthode de nomenclature chimique, propose par MM. de Morveau, Lavoisier, Bertholet, & de Fourcroy. On y a joint un nouveau système de caractères chimiques, adaptés a cette nomenclature, par MM. Hassenfratz & Adet.* Paris: Chez Cuchet, 1787.

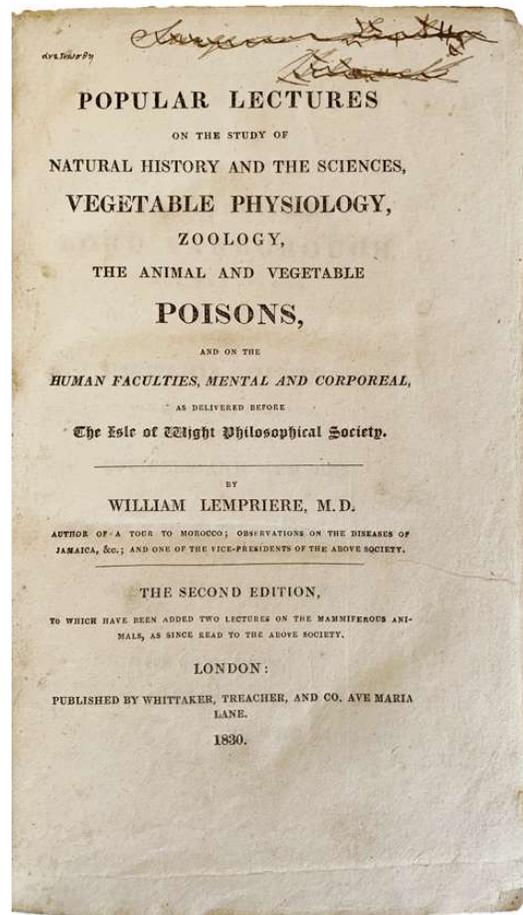
¶ 8vo. [iv], 314 pp. Pagination note: pages 257-272 are misnumbered 241-256 [Duveen]. Half-title, woodcut title-page vignette, headpiece, tailpieces, 6 folding tables of chemical symbols, 1 folding plate; page 1 of the text trimmed at top margin and mounted on a stub, foxed. Contemporary full mottled calf, red leather spine label, gilt-stamped spine; foot of spine chipped, corners of read cover chewed. Ownership signature on title (under the vignette). Very good.

\$ 1,250

FIRST EDITION, second issue, second printing, with the flowered vase on the title-page (previously a cherub) and no colophon on page 314. Lavoisier's new terminology of chemistry was an important part of his reforms in the science, and it has been in use, with some modifications, ever since its introduction. "The merits of the new nomenclature are, even today, more than evident since, with only slight modification, it is still the basis of the language of modern chemistry." [Duveen & Klickstein, pp. 119-126].

Louis Guyton de Morveau was trained as a lawyer who taught himself the subject of chemistry. From 1776-1789 he taught public courses in chemistry at the Dijon Academy. He was professor of chemistry at the Ecole Polytechnique from 1794-1811, twice serving as its director.

☼ Blake/NLM, p. 191 (2nd printing); Cole, *Chemical literature*, 566; *DSB* Vol. V. pp. 600-604; Duveen, *Bibliotheca alchemica et chemical*, p. 340; Duveen & Klickstein, 130; Gascoigne 7150.4; Partington, *A history of chemistry*, Vol. III, p. 372; Poggendorf, Vol. I, col. 981; Wellcome III, p. 185.



S13981 **LEMPRIERE, William** (d. 1834). *Popular Lectures on the Study of Natural History and the Sciences, Vegetable Physiology, Zoology, the Animal and Vegetable Poisons, and on the Human Faculties, Mental and Corporeal, as delivered before The Isle of Wight Philosophical Society. The Second Edition, To which have been added two lectures on the mammiferous animals, as since read to the above Society.* London: Whittaker, Treacher, and Co., 1830.

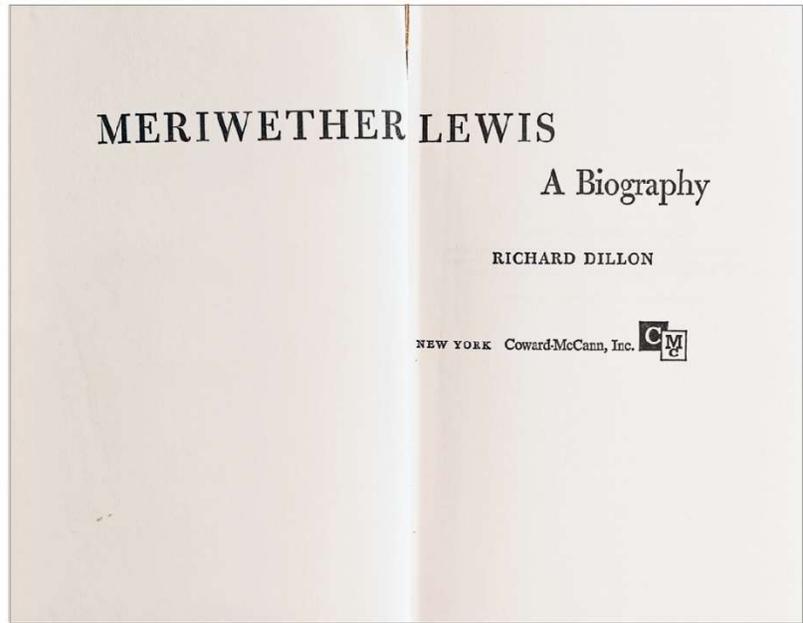
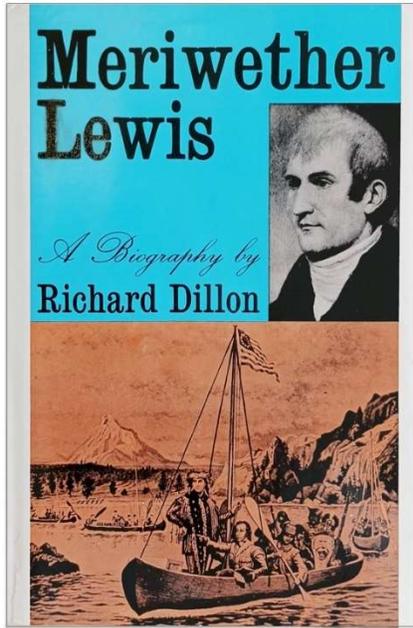
¶ 8vo. (225 x 136 mm) xv, [1], 414 pp. Uncut, errata slip tipped in; occasional foxing, ownership pen marks on title-page. Bound in original paper boards, paper spine, printed paper spine title label; spine and corners restored. Very good. Scarce.

\$ 175

Second edition (1st edition was 1827), which includes two added lectures not in the first edition. The first series of six lectures address the topics of natural history, vegetable physiology, zoology, animal and vegetable poisons, and human faculties, mental and corporeal. Following the chapter on zoology are five pages of animal classification tables. The final two lectures deal with mammiferous animals (six orders, from primates to whales). On page 86, there is an underlined portion of the text, referring to Stephen Hales' discoveries relating to temperature and the rising of sap in plants. Among the plants Lempriere discusses in his list of poisonous plants are deadly nightshade, hemlock, henbane, tobacco, foxglove, wolfsbane, mushrooms and the opium poppy. He also goes into a lengthy discussion of venomous snakes, particularly the American rattlesnake. There is a six-page table of poisons listed at the end of the related lectures.

William Lempriere ". . . entered the army medical service when young, and by 1789 was attached to the garrison of Gibraltar. In the September of that year Sidi Mahommed, emperor of Morocco, sent a message to General O'Hara, the commandant at Gibraltar, asking that an English doctor might be sent to attend his son, Muley Absolom, who was suffering from cataract. Lempriere accepted the commission, and left Gibraltar on 14 Sept. 1789; on 28 Oct. he reached Tarudant, where he attended the prince with great success. His only rewards, however, were 'a gold watch, an indifferent horse, and a few hard dollars.' He was then summoned to Morocco itself, which he reached on 4 Dec., to attend some ladies of the sultan's harem. He was detained at Morocco a long time against his will, and was not allowed to leave till 12 Feb. 1790; here again he complains of the miserable remuneration awarded him. After his return from Morocco Lempriere published an account of his travels in *A Tour from Gibraltar to Tangier, Sallee, Mogadore, Santa Cruz, Tarudant, and thence over Mount Atlas to Morocco*, London, 1791. . . . Lempriere left the army with the rank of inspector-general of hospitals, and resided for many years in the Isle of Wight. . . ." During his stay there he published two medical works: *A Report on the Medicinal Effects of an Aluminious Chalybeate Water lately discovered at Sandrocks, in the Isle of Wight*, London, 1812 and *Popular Lectures on the Study of Natural History and the Sciences, as delivered before The Isle of Wight Philosophical Society*, London, 1830. [DNB].

☀ BM Readex, Vol. 15, p. 22; DNB, Vol. XI, p. 913. Not in Osler, Waller or Wellcome.

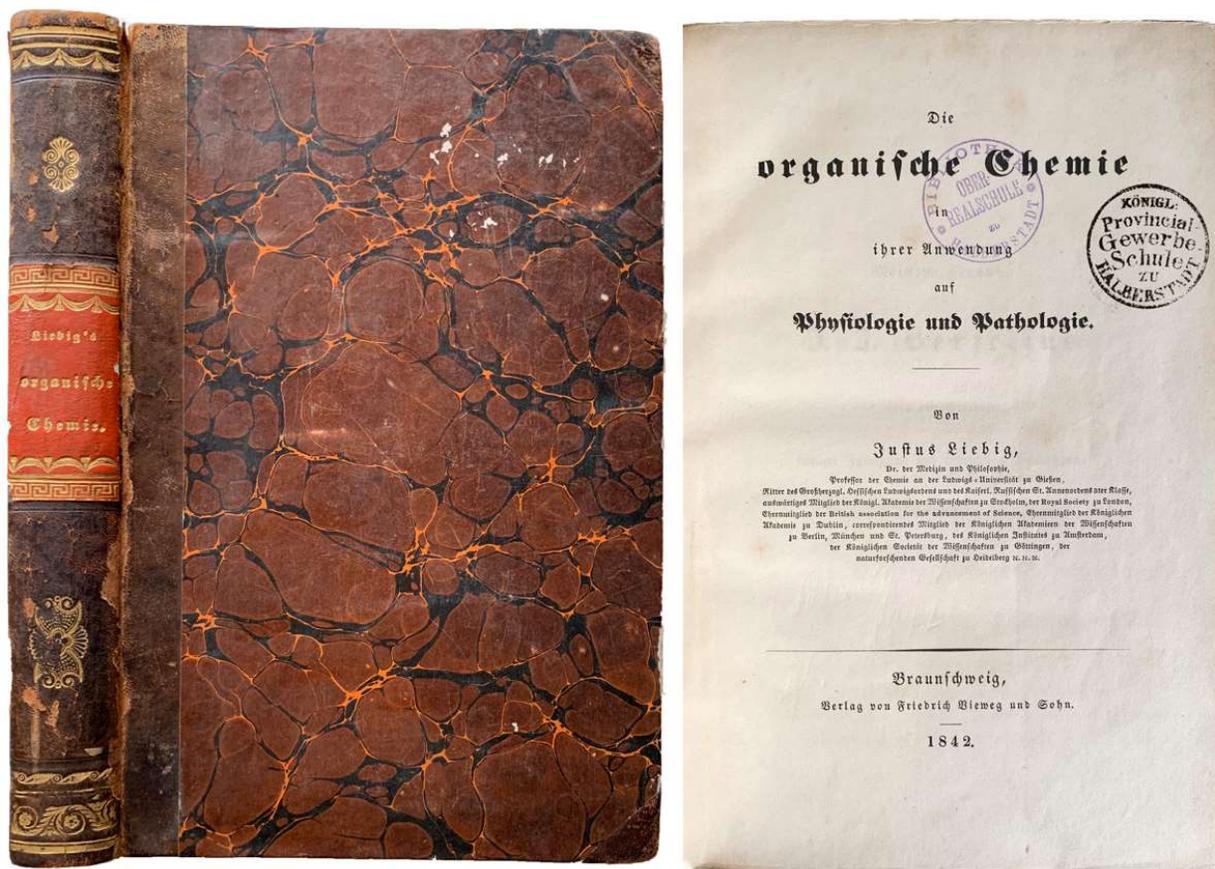


BL2199 [Lewis, Meriwether (1774-1809)] **DILLON, Richard** (1924-).
Meriwether Lewis: A Biography. New York: Coward-McCann, 1965.

¶ 8vo. xv, 365 pp. Plates, index. Light orange cloth, gilt-stamped spine title, dust-jacket. Burndy bookplate. Near fine.

\$ 7

Meriwether Lewis was one of the most important American explorers in American history. He was also a soldier, politician, and public administrator. He is best known for his role as the leader of the Lewis and Clark Expedition, also known as the Corps of Discovery, with William Clark. The author, Richard Hugh Dillon, was head of the Sutro Library, California (1953-1979). Dillon wrote a vast number of papers relating to the history of the American west.



S13857 **LIEBIG, Justus von** (1803-1873). *Die organische Chemie in ihrer Anwendung auf Physiologie und Pathologie*. Brunswick: Friedrich Vieweg, 1842.

¶ 8vo. (212 x 140 mm). xvi, 342, [1] pp. Contemporary quarter calf and corners, gilt-stamped orange leather spine label; corners showing, spine rubbed. Halberstadt ownership stamps on title. Very good.

\$ 850

FIRST EDITION OF LIEBIG'S LANDMARK WORK
ESTABLISHING HIM AS THE FOUNDER OF THE SCIENCE OF
NUTRITION.

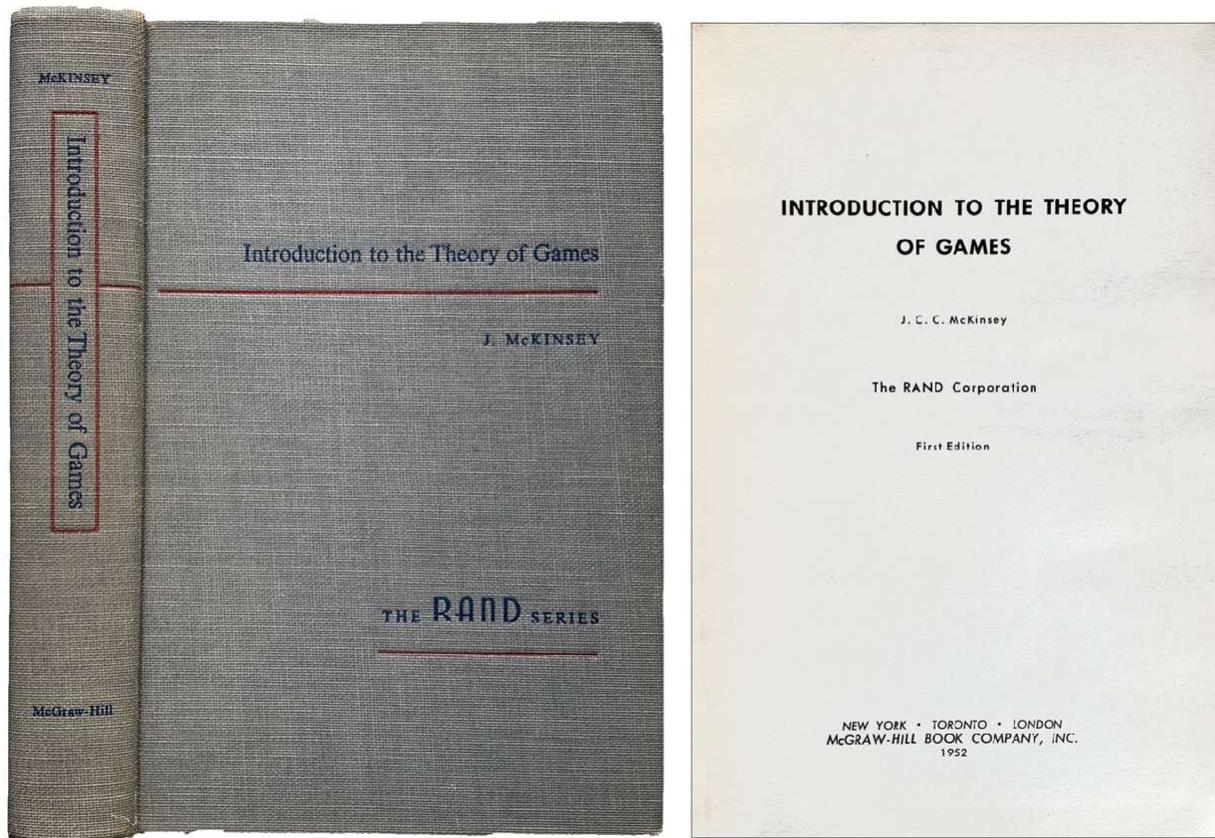
"After finishing his treatise on agricultural chemistry, Liebig turned to the investigation of chemical processes in animal physiology. In the above work he discusses the chemical processes of respiration and nutrition,

introducing the modern concept of metabolism. Based upon his understanding of chemical reactions, Liebig supported Lavoisier's theory of animal heat, which stated that it was solely the product of the oxidation of ingested hydrogen and carbon dioxide and water. He also classified the organic foodstuffs according to function into proteins, carbohydrates and fats, and attempted to deduce the actual chemical transformations that these undergo within the body." [Norman].

"Liebig was also a great teacher of chemistry. He outlined the principles upon which modern teaching is based and was largely responsible for the institution and equipment of special laboratories for the purpose." – *Printing and the Mind of Man*.

PROVENANCE: Secondary School, Halberstadt (ink stamps on title).

☀ Garrison and Morton 677; Gedeon, p. 209; Norman 1351; *Printing and the Mind of Man*, 310b.



S13978 **McKINSEY, J.C.C.** (1908-1953). *Introduction to the Theory of Games*. New York: McGraw-Hill, 1952.

¶ Series: The Rand Series. 8vo. x, 371, [1] pp. Figs., index. Gray cloth stamped in dark blue and red; top edge freckled. Bookplate of Everett T. Welmers. Very good.

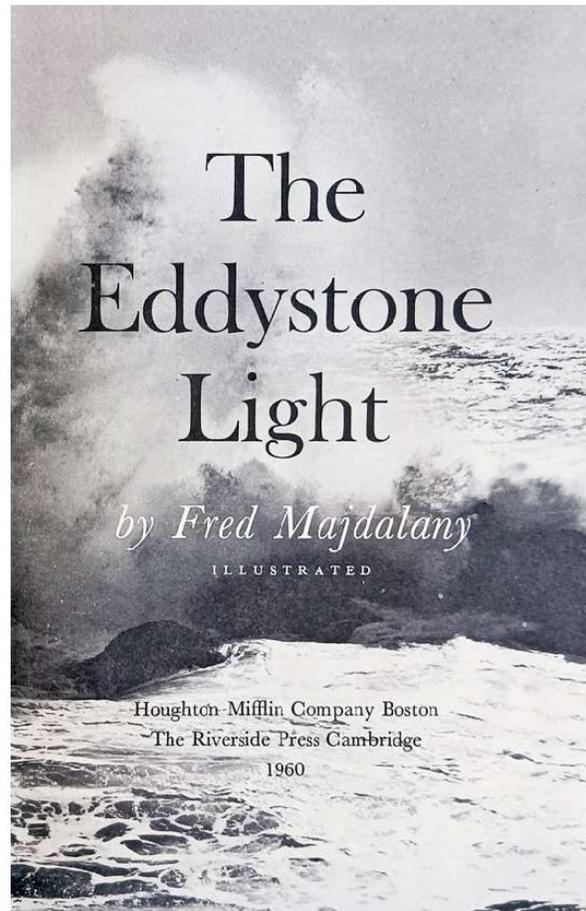
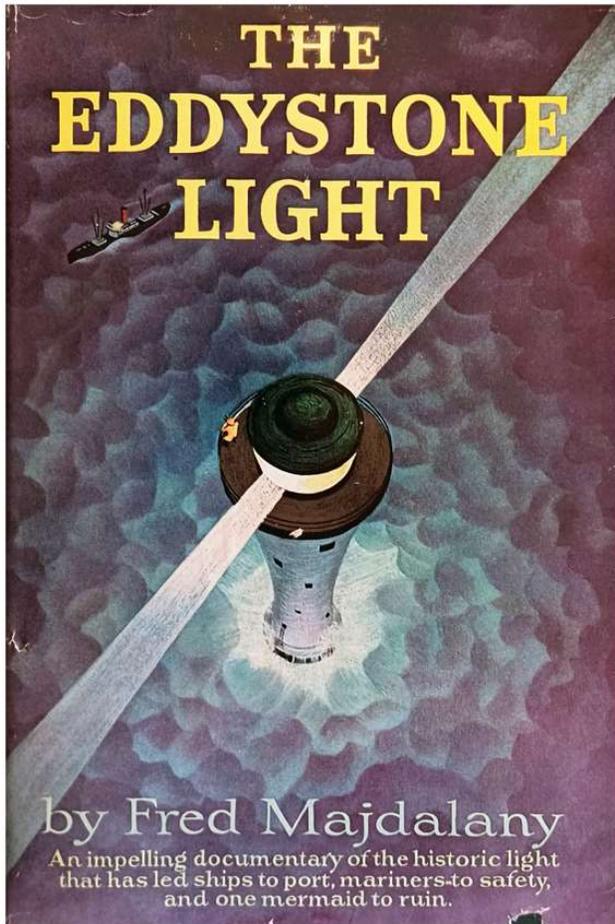
\$ 15

First edition. Game theory was productive at this period, leading to the work of John Nash.

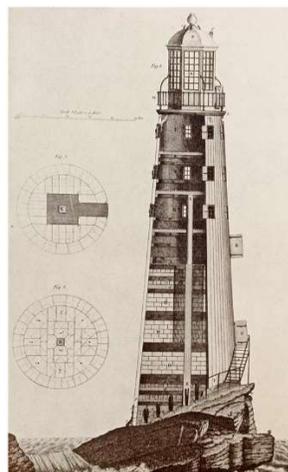
John Charles Chenoweth McKinsey, usually cited as J. C. C. McKinsey, was an American mathematician known for his work on mathematical logic and game theory. He also made significant contributions to modal logic. McKinsey worked at RAND until he was fired in 1951. The FBI

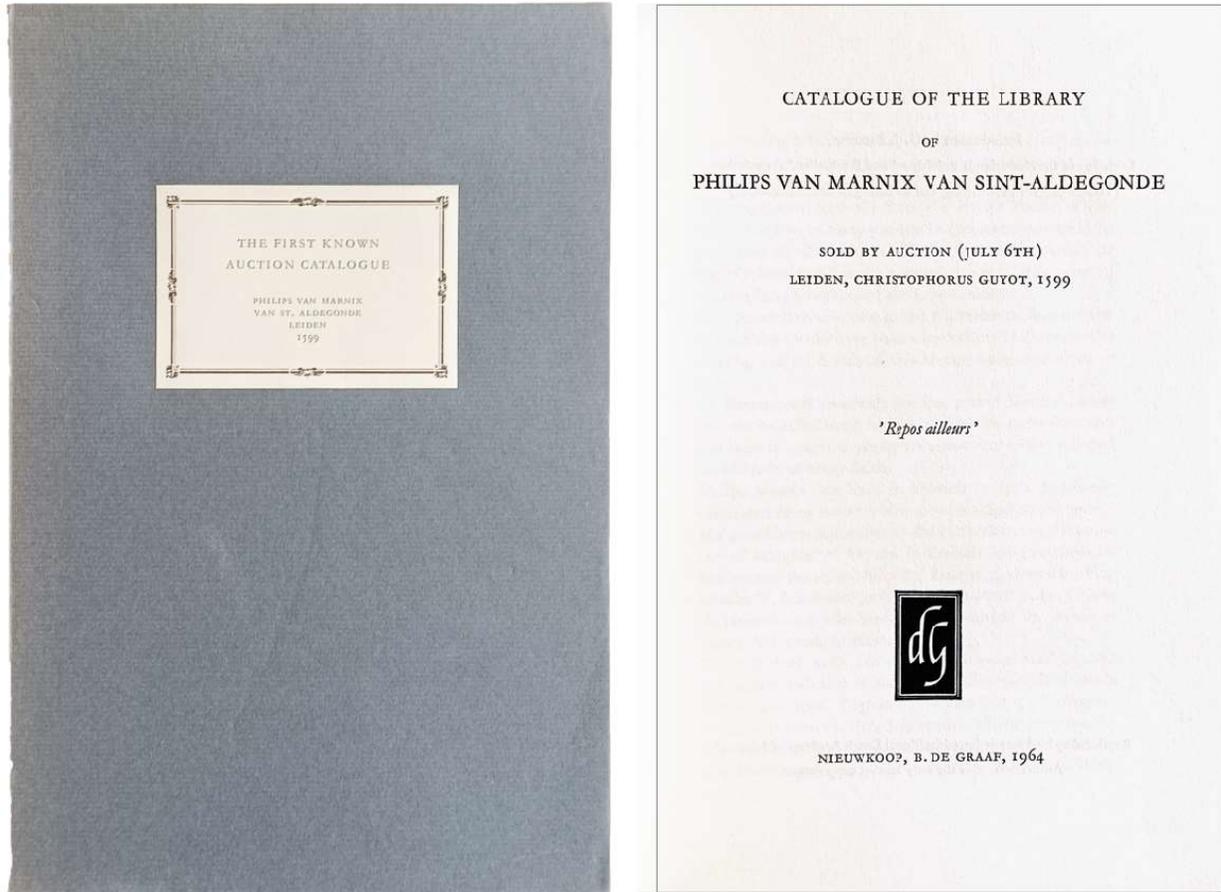
considered him a security risk because he was a homosexual, in spite of the fact that he was an open homosexual who had been in a committed relationship for years. He complained to his superior "How can anyone threaten me with disclosure when everybody already knows?" From 1951 he taught at Stanford University, where he was later appointed a Full Professor in the Department of Philosophy, where he worked with Patrick Suppes on the axiomatic foundations of classical mechanics. He committed suicide at his home in Palo Alto in 1953.

PROVENANCE: Everett T. Welmers (1912-2003), an aerospace engineer, he worked on the X-1 and other experimental projects at Bell Aircraft and for special government programs. He came to L.A. in 1960 to join the newly founded Aerospace Corporation where he remained for 17 years, becoming Dean of Engineering at Northrop University upon retirement. He also enjoyed a diverse interest in collecting books, including the history of science and the history of printing.



BL2168 MAJDALANY, Fred. *The Eddystone Light. Illustrated.* Boston & Cambridge: Houghton Mifflin & The Riverside Press, 1960. ¶ First American edition. 8vo. xvi, 215 pp. Plates, illustrations, index. Dark green cloth, silver stamped spine title, dust-jacket; jacket lightly worn with chip. Burndy bookplate. Very good. \$ 9



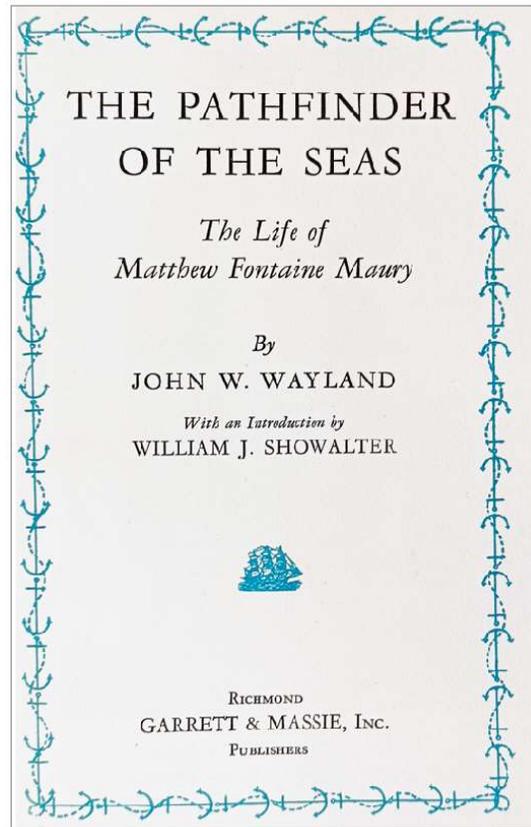
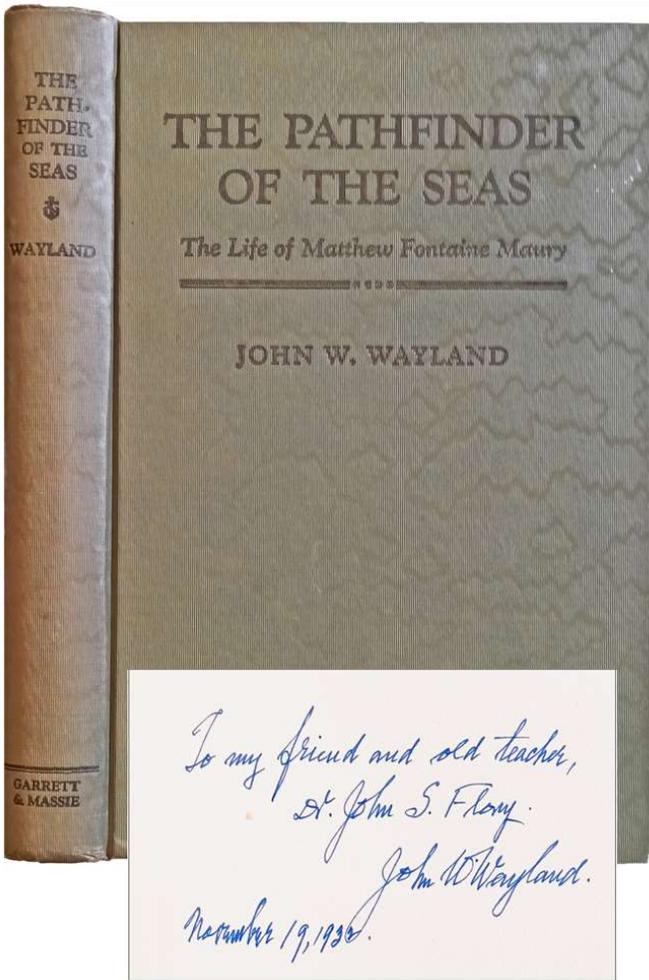


BL2076 **MARNIX, Philips van (van Sint-Aldegonde); Guyot [Auctioneers]**. *Catalogue of the Library of Philips van Marnix van Sint-Aldegonde: Sold by Auction (July 6th), Leiden, Christophorus Guyot, 1599*. Nieuwkoop: B. De Graaf, 1964.

¶ Facsimile reprint of the only known copy extant. 8vo. 15 pp. and 30 ff. Frontis. port. of van Marnix. Printed wrappers, printed paper cover label. Burndy bookplate. Fine.

\$ 20

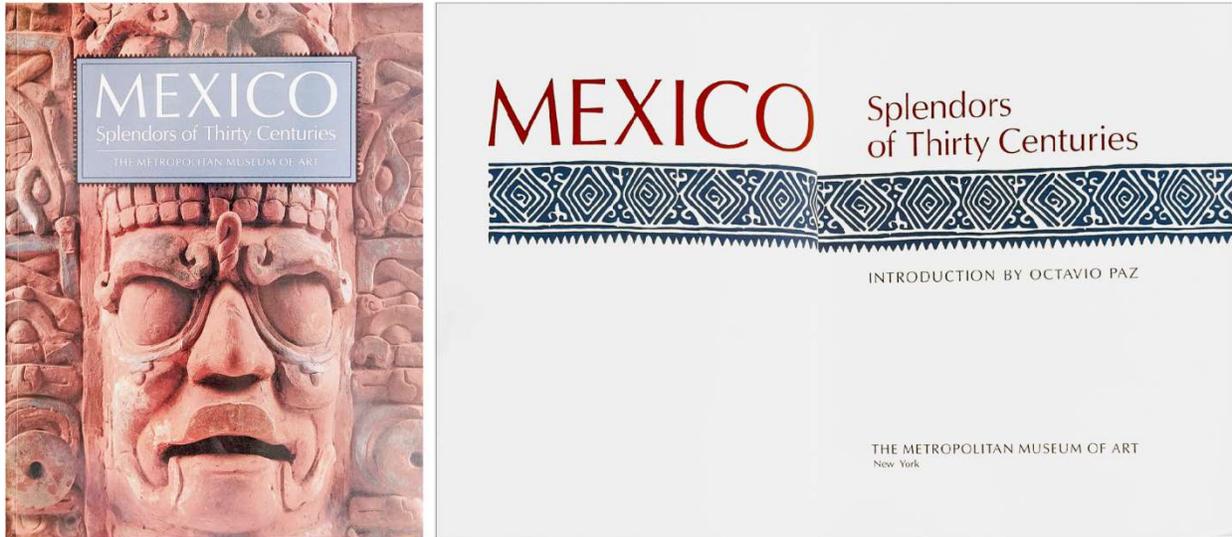
Facsimile of the first known book auction catalogue, being the content of the library of Philips van Marnix van St. Aldegonde (1538-1598).



Inscribed by the Author

BL2116 [MAURY, Matthew Fontaine (1806-1873)] WAYLAND, John W. *The Pathfinder of the Seas: The Life of Matthew Fontaine Maury. With an Introduction by William J. Showalter.* Richmond: Garrett & Massie, 1930.

¶ FIRST EDITION. 8vo. xiii, 191 pp. Frontis. (with color), decorative blue title border, plates, index. Green cloth, black stamped cover and spine titles. Burndy bookplate. Very good. \$ 30



BL1709 [Mexico] Metropolitan Museum of Art; PAZ, Octavio (Intro.). *Mexico: splendors of thirty centuries*. New York & Boston: Metropolitan Museum of Art; Little, Brown, 1990.

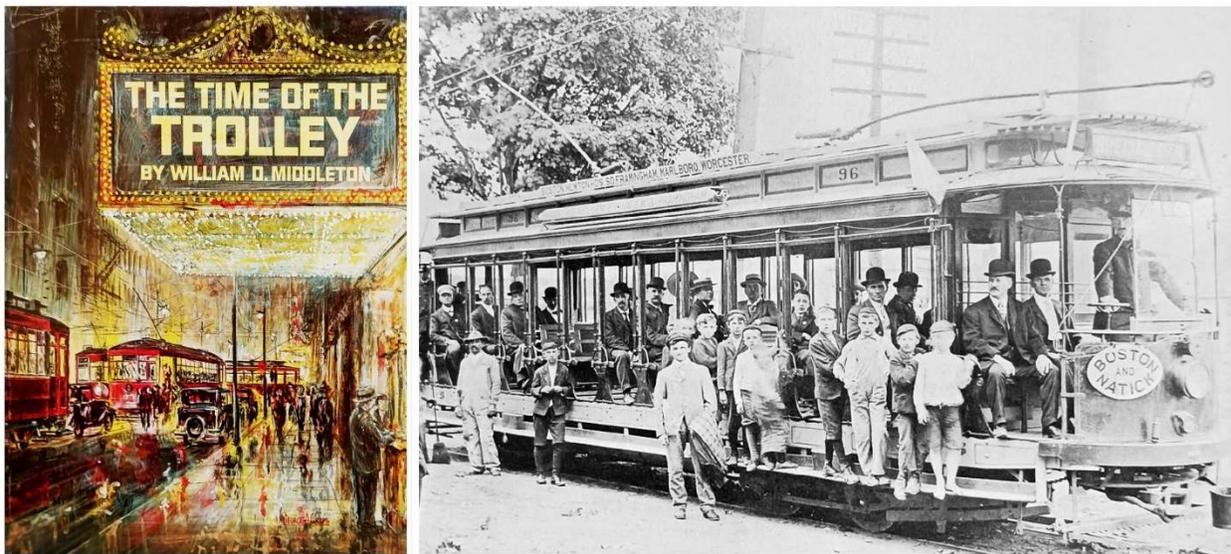
¶ Thick 4to. xv, 712 pp. 365 cataloged items illustrated. Printed wrappers. Burndy bookplate. Fine.

\$ 15

Massive exhibition catalogue. Issued in conjunction with the exhibition ... held at the Metropolitan Museum of Art, October 10, 1990-January 13, 1991; the San Antonio Museum of Art, April 6-August 4, 1991; and the Los Angeles County Museum of Art, October 6-December 29, 1991.

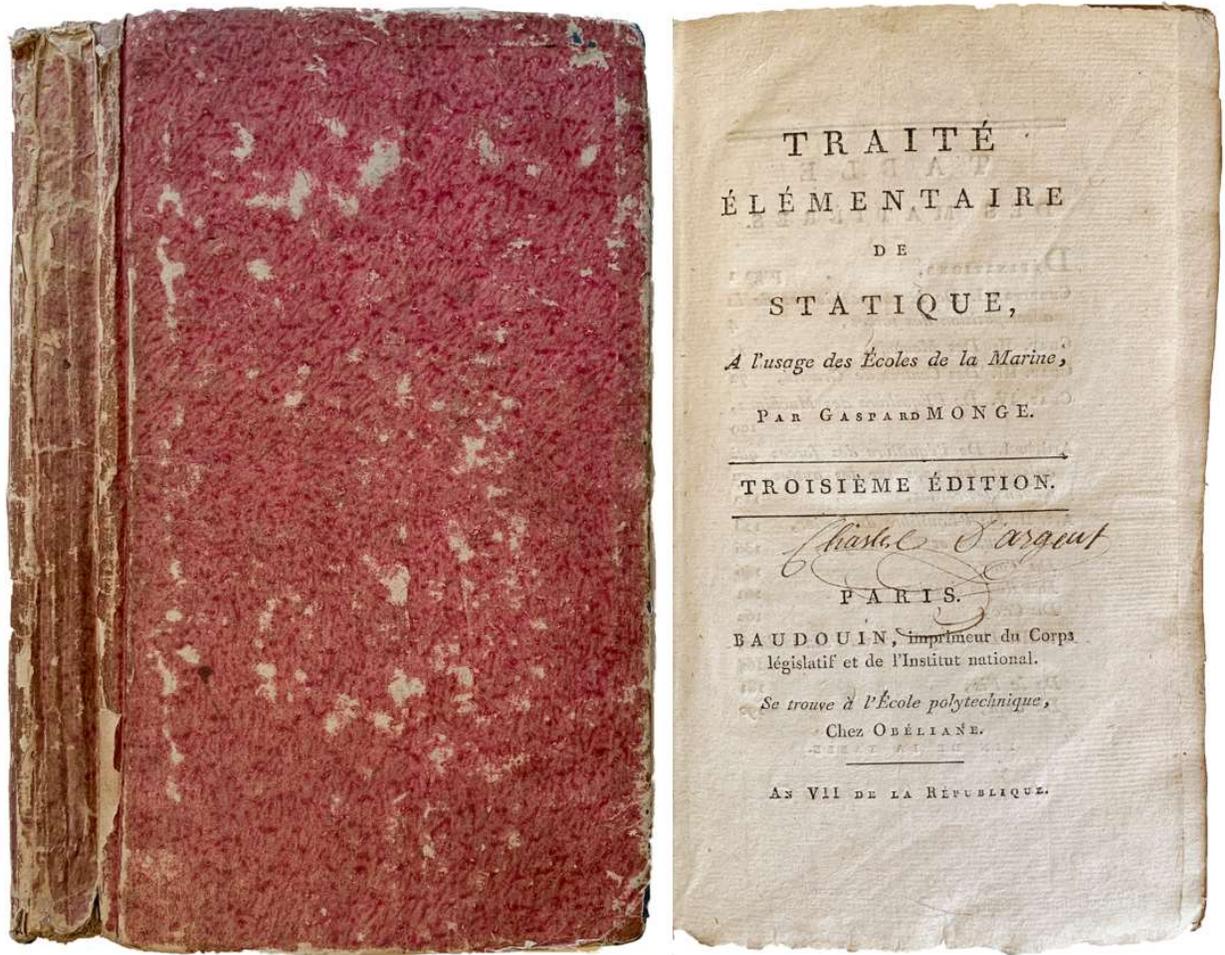
CONTENTS: Will for form / Octavio Paz -- Ancient Mexican art / Beatriz de la Fuente -- The Olmec at La Venta / Richard A. Diehl -- Izapa / Gareth W. Lowe -- The metropolis of Teotihuacan / Ruben Cabrera Castro -- Monte Alban / Marcus Winter -- The Maya of lowland Palenque / Roberto Garcia Moll -- El Tajin / S. Jeffrey K. Wilkerson -- Chichen Itza and prosperity in Yucatan / Peter J. Schmidt -- Imperial Tenochtitlan / Eduardo Matos Moctezuma -- The progress of art in New Spain / Jorge Alberto Manrique -- The mission / Donna Pierce. Painted manuscripts /

Elizabeth Hill Boone -- Mexican architecture and sculpture in Renaissance modes / Johanna Hecht -- Mexican painting of the Renaissance and counter-Reformation / Marcus Burke -- Creole identity and the transmutation of European forms / Johanna Hecht -- A Mexican artistic consciousness / Marcus Burke -- The liberation of viceregal architecture and design / Johanna Hecht -- Painting: the eighteenth-century Mexican school / Marcus Burke -- Decorative arts and furniture / Donna Pierce -- Ceramics / Donna Pierce -- The Academy, neoclassicism, and independence / Marcus Burke.



BL2174 **MIDDLETON, William D.** *The Time of the Trolley.* (Milwaukee): Kalmbach, 1968.

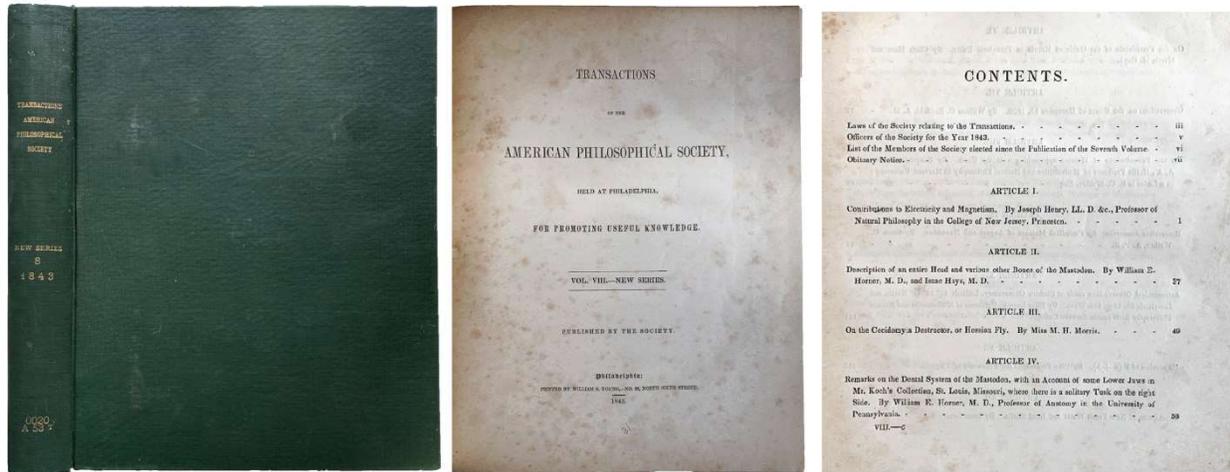
¶ Second printing. 4to. 435, blank 436 pp. Photos and illustrations (including title), index. Quarter brown cloth with orange cloth sides, gilt-stamped spine title, dust-jacket. Burndy bookplate. Very good. \$ 15



SS11754 **MONGE, Gaspard** (1746-1818). *Traite élémentaire de Statique, A l'usage des Ecoles de la Marine. Troisième édition.* Paris: Baudouin, [1799]. ¶ 8vo. 200 pp. 5 folding engraved plates. Original mauve paste-paper over boards; extremities quite worn. Title (& half-title) ink signature of Charles Sargent [!]. Very good.

\$ 75

Monge was a French mathematician, and the inventor of descriptive geometry. This work was first issued in 1786 and was intended for use in teaching marine science. In 1798 Monge joined Napoleon's expedition to Egypt, taking part with C. L. Berthollet in the scientific work of the Institut d'Egypte and the Egyptian Institute of Sciences and Arts. They accompanied Bonaparte to Syria, and returned with him in 1798 to France.



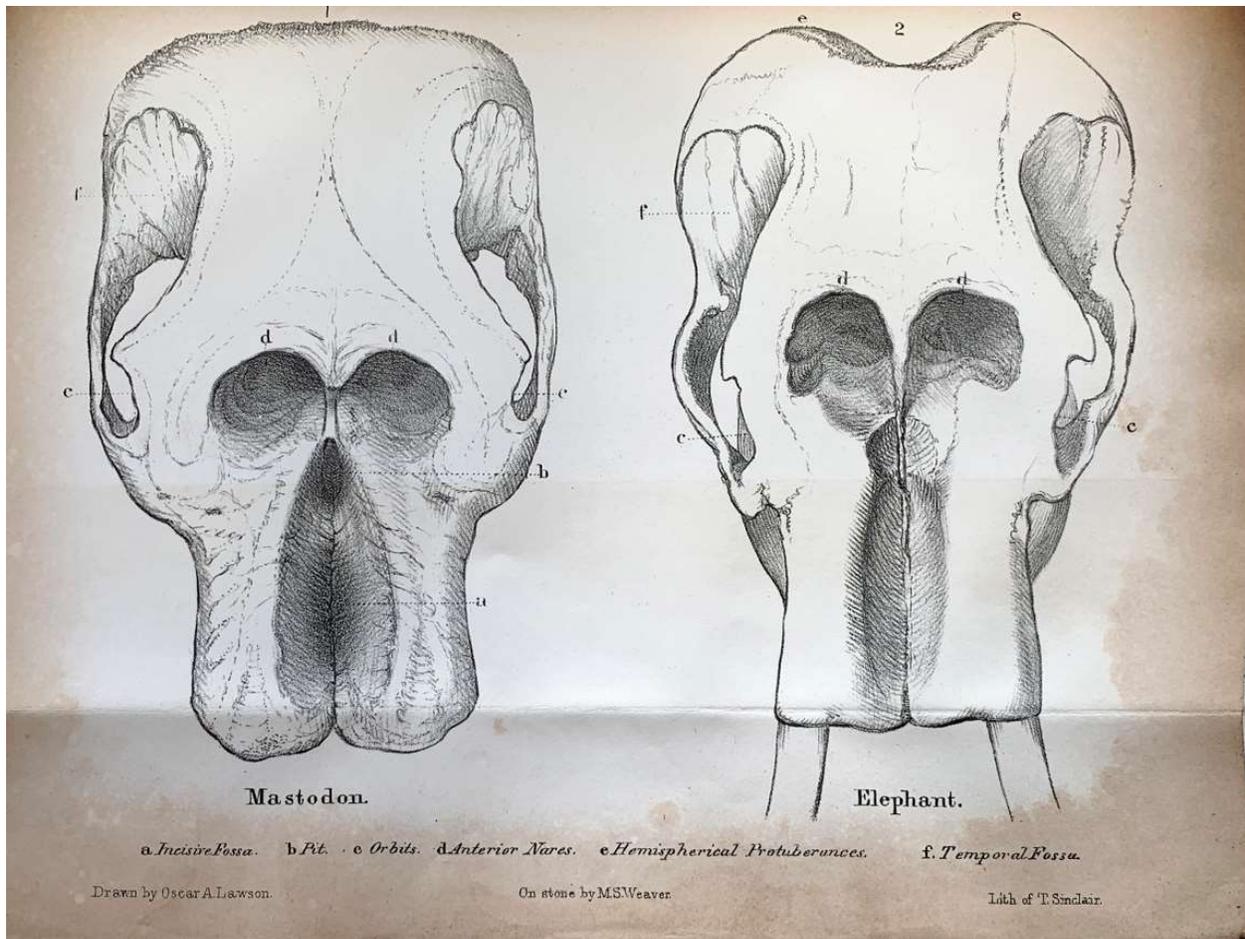
Early American Woman Scientist

S7264 **MORRIS, Margaretta Hare** (1797-1867). "On the *Cecidomyia Destructor, or Hessian Fly*." In: *Transactions of the American Philosophical Society* . . . vol. VIII - New Series. Philadelphia: William S. Young, 1843.

¶ Thick 4to. (Article) [49]-51 pp.; article lightly foxed. (Whole vol.) xi, 357 pp. Numerous engraved plates, figs., charts; browning, foxing throughout. Later gilt stamped dark green cloth. Very good.

\$ 100

FIRST EDITION. Significant work on the Hessian fly by pioneer woman entomologist. Morris was an early female American scientist and the second female member of *Academy of Natural Sciences* of Philadelphia. This study of the Hessian fly had particular significance for agriculture as a careful examination of these insects ". . . delineated life history and concluded that eggs were laid in grain rather than stalk." *Biographical Dictionary of American Science*, Elliott p. 185.

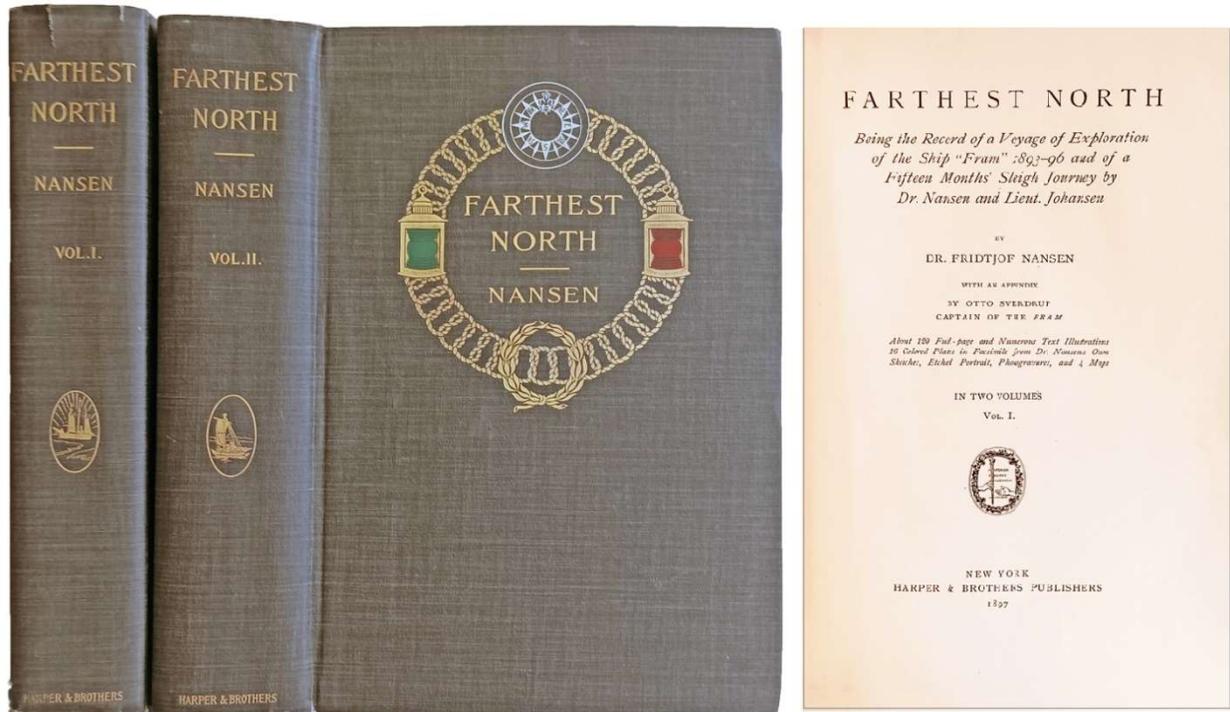


[MORRIS S7264]

This volume of the *Transactions of the American Philosophical Society* also contains two articles on the extinct mastodon: William E. Horner (1793-1853, professor of anatomy at the University of Pennsylvania), and Isaac Hayes, “**Description of an entire head and various other bones of the Mastodon.**” ALSO: Horner, “**Remarks on the dental system of the Mastodon.**”



[NANSEN BL1729]



BL1729 **NANSEN, Fridtjof** (1861-1930). *Farthest North: Being the Record of a Voyage of Exploration of the Ship "Fram" 1893-96 and of a Fifteen Months' Sleigh Journey by Dr. Nansen and Lieut. Johansen. With an Appendix by Otto Sverdrup. In Two Volumes.* New York: Harper & Brothers, 1897.

¶ 2 volumes. 8vo. x, 587; x, 714, ads. 4 pp. Frontispieces, contains about 120 full-page plates, numerous illustrations, 16 colored plates from Dr. Nansen's own sketches, etched portrait, photogravures, 4 folding maps, appendix. Original brown cloth, gilt-stamped cover and spine titles, with additional gilt decorations, t.e.g., front and rear map pockets; short tear to top spine of Vol. I. Bookplates of the Burndy Library and J. Amory Haskell. Very good.

\$ 225

First American edition. The 4 separate maps are present in the pockets, all intact and complete.

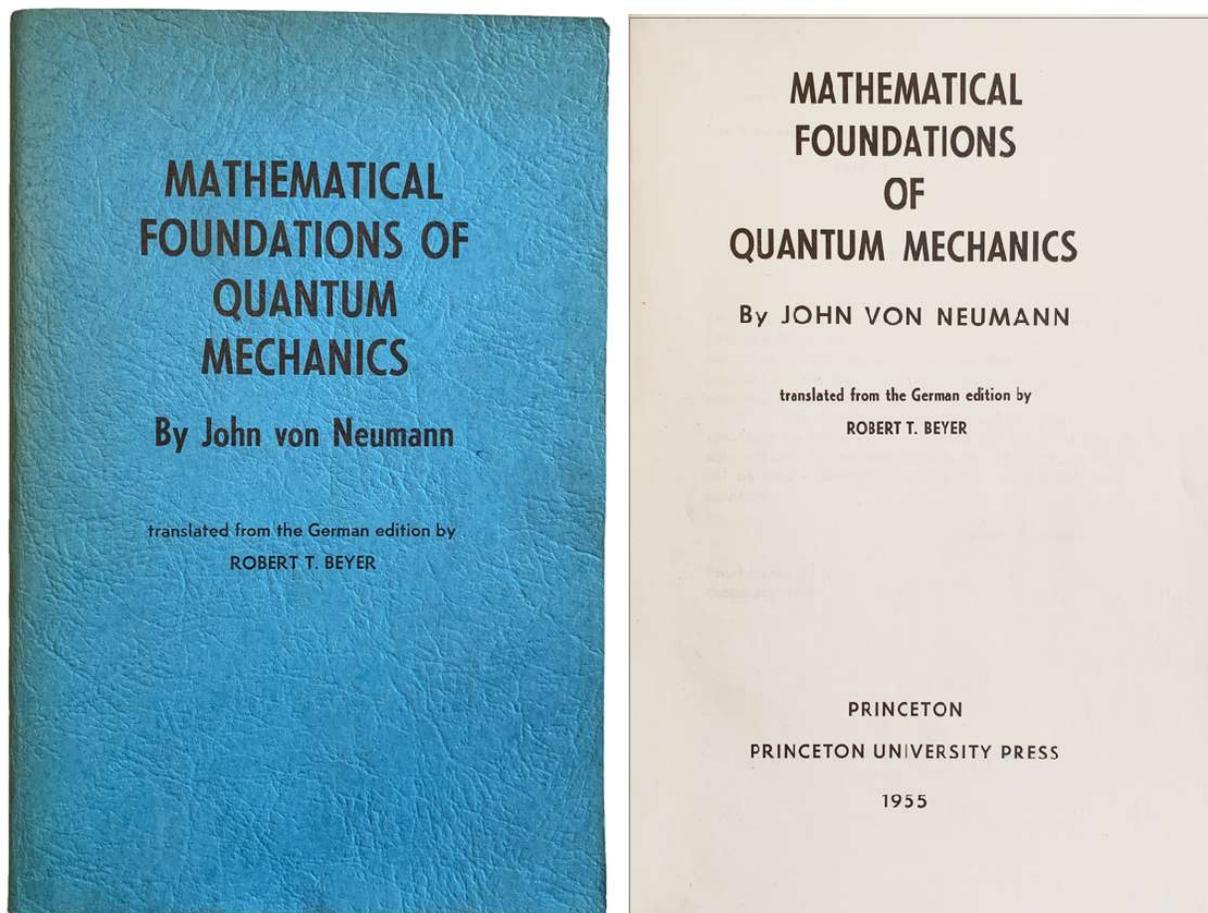


This is Fridtjof Nansen's account of this extra-ordinary three-years long expedition into the unknown. In 1893 Nansen and his crew set sail for the North Pole in the *Fram*, a ship that had been specially designed to withstand being frozen in the polar ice cap. The greatest challenge for ship design was to withstand the crushing pressures in the freezing ice floes that were to force the ship and crew to survive a hostile winter in the ice. Not a word made it back to civilization and thus after 3 years many had given them (the crew and Nansen) up for dead. Nansen and Johansen took a sled, over a period of 15 months, 146 miles farther north than anyone else known.

Fridtjof Wedel-Jarlsberg Nansen was a Norwegian polymath and Nobel Peace Prize laureate. He gained prominence at various points in his life as an explorer, scientist, diplomat, and humanitarian. He led the team that made the first crossing of the Greenland interior in 1888, traversing the island on cross-country skis.

PROVENANCE: J. Amory Haskell Jonathan Amory Haskell II (1861-1923), was a financial advisor to billionaire chemical industrialist Pierre S. Dupont.

☼ *Arctic Bibliography* (WDC, 1953), 11983, Howgego Polar N3. See: *PMM* 384 (for the original Norwegian edition).



S13975 **NEUMANN, John von** (1903-1957). *Mathematical Foundations of Quantum Mechanics. Translated from the German edition by Robert T. Beyer.* Princeton: Princeton University Press, 1955.

¶ Series: *Investigations in Physics*, No. 2. 8vo. xii, 445 pp. Original blue printed wrappers. Ownership signature of Hannette Shapiro inside front flap. Fine. \$ 50

FIRST EDITION IN ENGLISH of von Neumann's ground-breaking work on quantum mechanics.

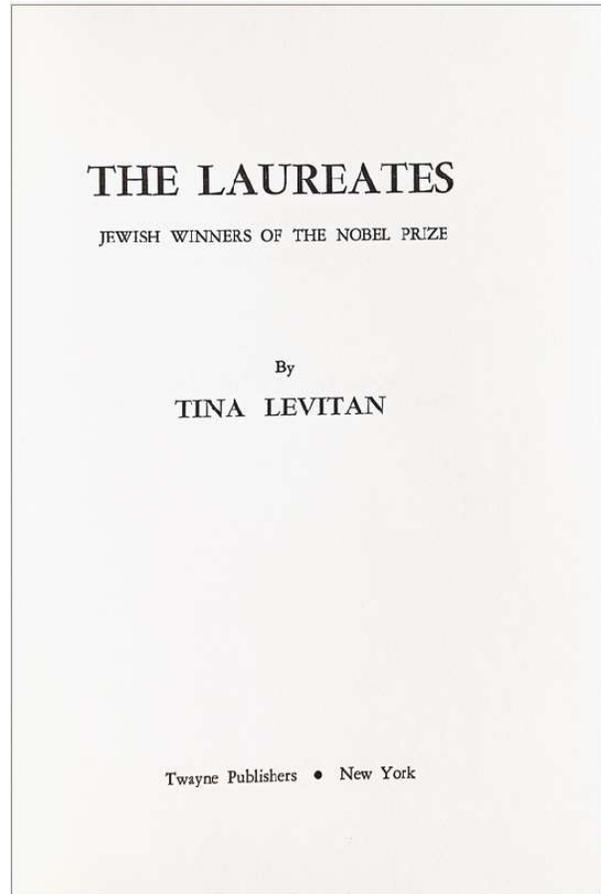
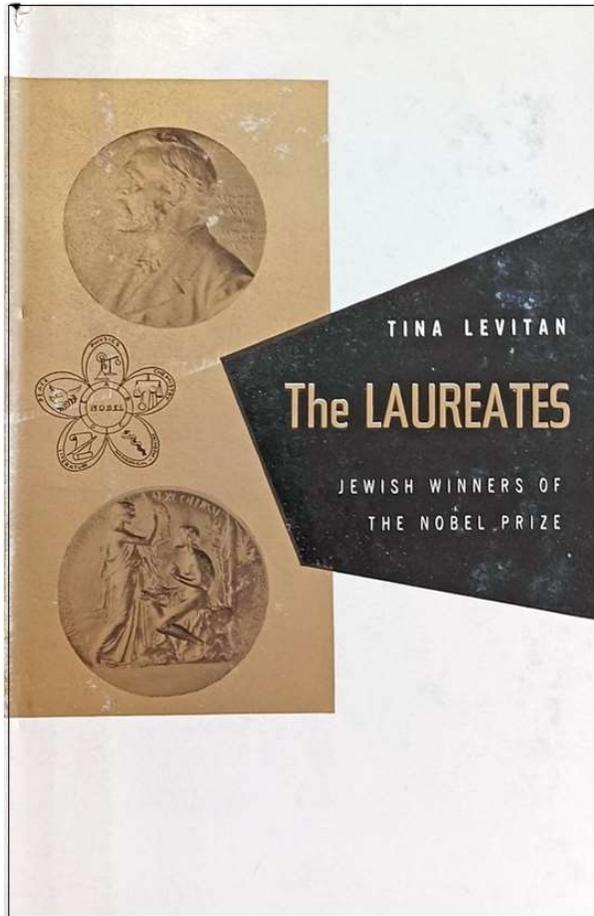
“Von Neumann started working on quantum mechanics in 1926 when he was an assistant of D. Hilbert in Göttingen.... He did...ground-breaking work in functional analysis: he created the notion of abstract Hilbert space as we know it today, formulated the eigenvalue problem for selfadjoint

operators generally in terms of spectral measures without relying on the notion of Dirac delta function and established the theory of unbounded operators; in particular he proved the spectral theorem for (unbounded) selfadjoint operators.... While in Gottingen von Neumann published three papers on the mathematical foundations of quantum mechanics.... These three papers served as the basis of his book,” which hse viewed as “a philosophical-epistemological analysis in conformity with his interpretation of mathematical physics as a discipline which is very close to philosophy” (von Neumann & Rédei, pp. 15-16).

☀ Neumann, John von, and Miklós Rédei. *John Von Neumann: Selected Letters*. Providence, RI: American Mathematical Society, 2005; Parke, *Guide to the literature of mathematics and physics including related works on engineering science*, p.333.

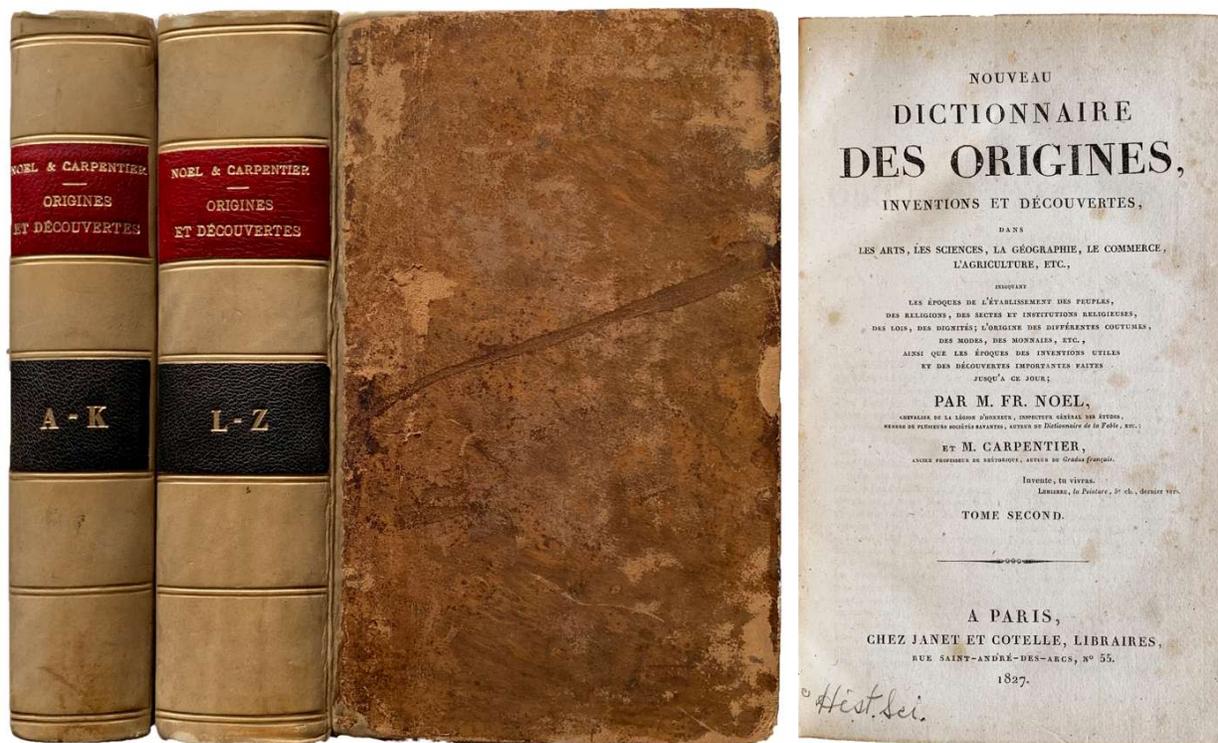
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BL1975 [Nobel Prize] LEVITAN, Tina. *The Laureates: Jewish Winners of the Nobel Prize*. New York: Twayne, 1960.

¶ 8vo. 236 pp. Plates, tables, index. Quarter black cloth with gold paper boards, black stamped cover title, gilt-stamped spine title, dust-jacket; jacket rubbed with small tears. Burndy bookplate. Very good. \$ 6.95



Charles Atwood Kofoid's copy

S1044 **NOËL, François-Joseph-Michel** (1756-1841); **L.J.M. CARPENTIER**. *Nouveau Dictionnaire des Origines, inventions et découvertes, dans les arts, les sciences, la géographie, le commerce, l'agriculture, etc., indiquant les époques de l'établissement des peuples, des religions, des sectes et institutions religieuses, des lois, des dignités; l'origine des différentes coutumes, des modes, des monnaies, etc., ainsi que les époques des inventions utiles et des découvertes importantes faites jusqu'a ce jour ...*

Paris : Janet et Cotelle, 1827.

¶ 2 volumes. 8vo. [4], VI, 689, [3] ; [4], 871, [1] pp. Original calf ; rebacked with calf, morocco spine labels in red & black ; original calf worn, with newer spine in excellent condition. Bookplate of Charles Atwood Kofoid (1865-1947). Very good.

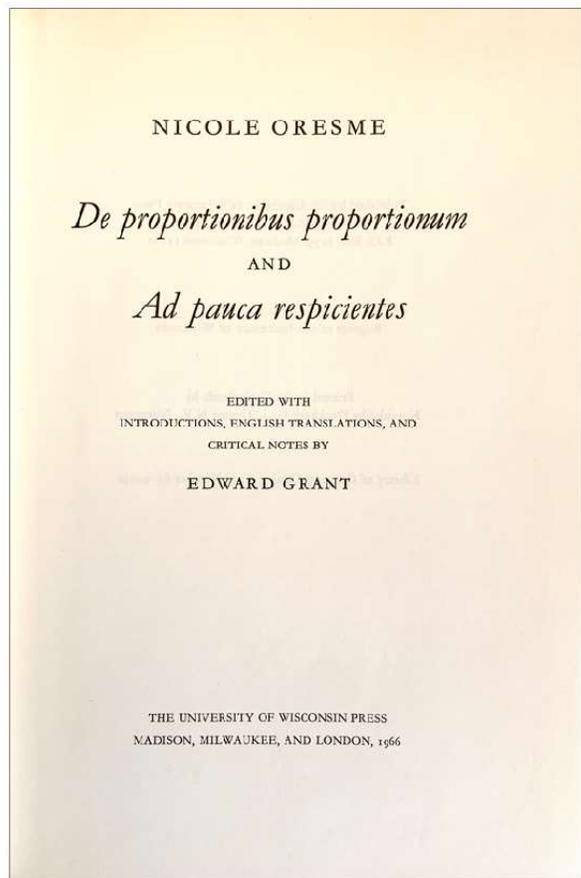
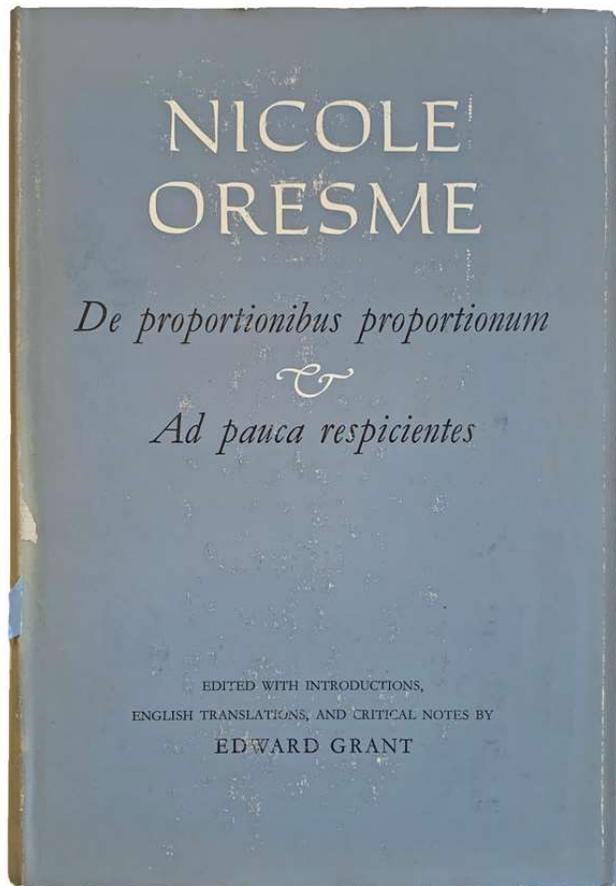
\$ 85

First edition. New Dictionary of Origins, Inventions and Discoveries, in the arts, sciences, geography, commerce, agriculture, etc., indicating the

times of the establishment of peoples, religions, sects and religious institutions, laws, dignities; the origin of various customs, fashions, currencies, etc., as well as the times of useful inventions and important discoveries made to date. [Title translated]. The work was compiled with the collaboration of specialists who supplied articles for their respective fields. The authors also edited a dictionary of French philology (1831).



PROVENANCE: Charles Atwood Kofoid was an American zoologist known for his collection and classification of many new species of marine protozoans which established marine biology on a systematic basis. He was a voracious book collector and dealer. His collection was so vast that, once given to UC Berkeley, they disposed of a massive swath of material in a blind-bid auction, purchased by Jake Zeitlin.



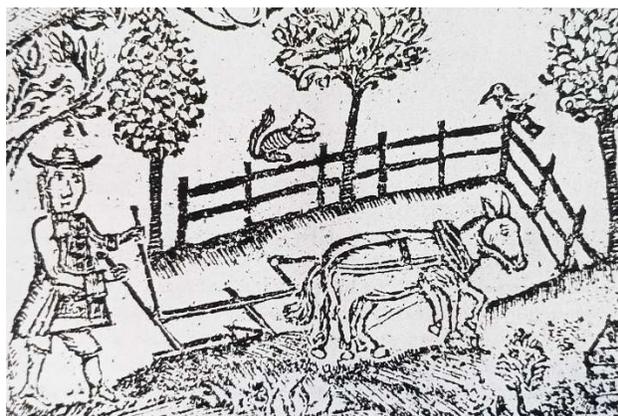
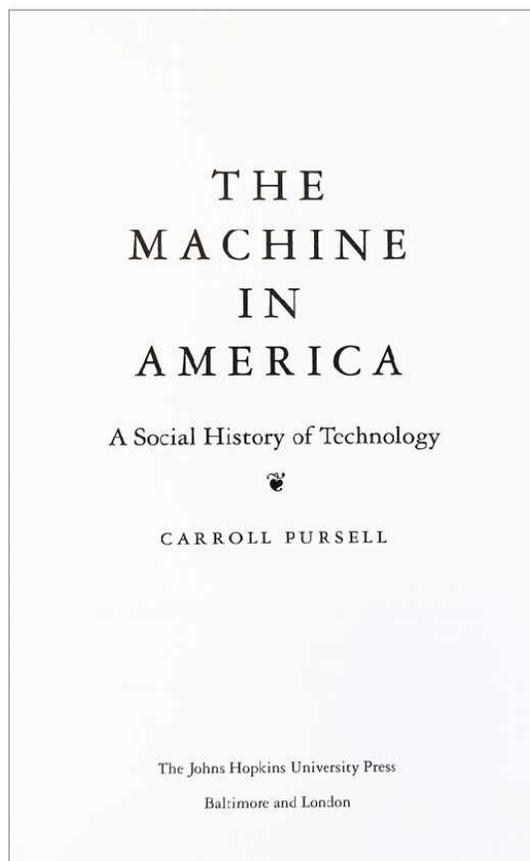
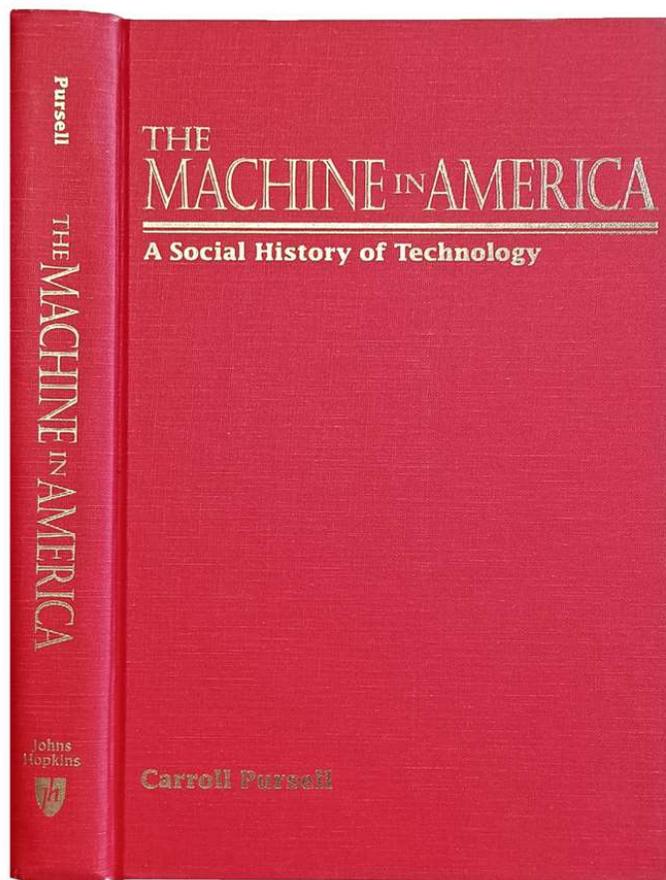
S13983 **ORESME, Nicole** (c.1325-1382) ; **Edward GRANT** (1926-2020). *De Proportionibus Proportionum & Ad pauca respicientes. Edited with introductions, English translations, and critical notes by Edward Grant.* Madison: University of Wisconsin Press, 1966.

¶ 8vo. xxii, 466 pp. Index. Cloth, dust-jacket; jacket sunned, rubbed. Very good.

\$ 25

Nicole Oresme also known as Nicolas Oresme, Nicholas Oresme, or Nicolas d'Oresme, was a French philosopher of the later Middle Ages.

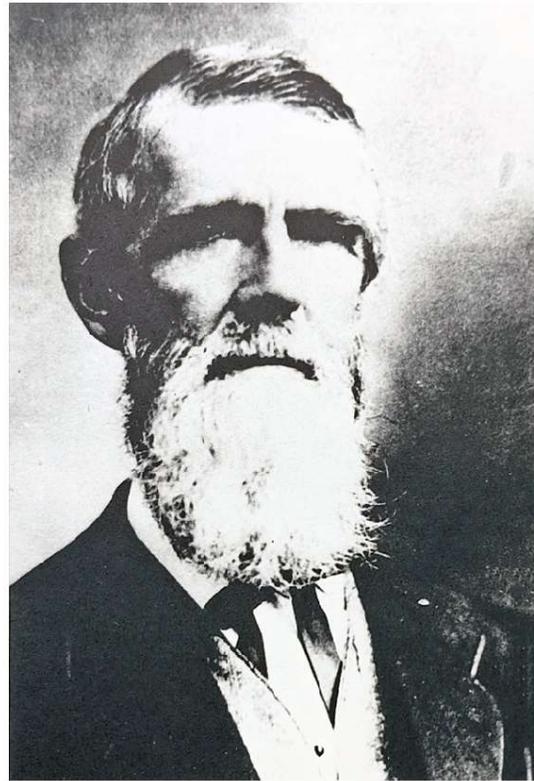
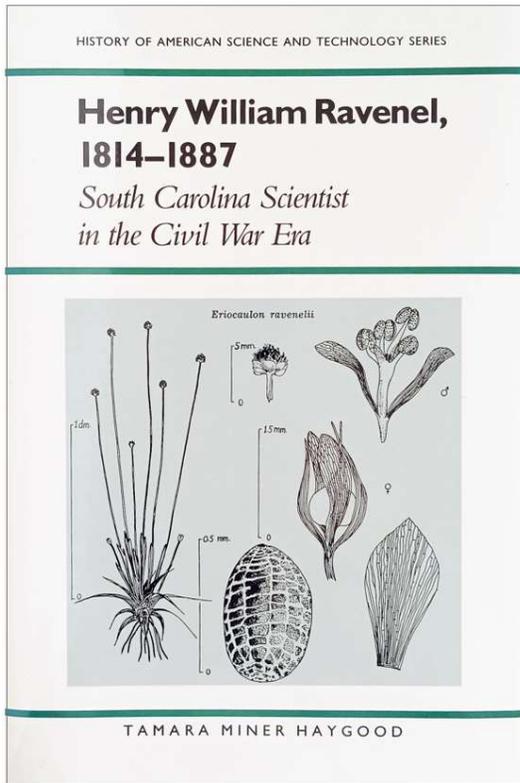
Edward Grant was an American historian of medieval science. He was named a Distinguished Professor in 1983 at Indiana University. Other honors include the 1992 George Sarton Medal, for "a lifetime scholarly achievement" as a historian of science.



BL2182 PURSELL, Carroll. *The Machine in America: A Social History of Technology*. Baltimore and London: Johns Hopkins University Press, 1995. ¶ FIRST EDITION. 8vo. xvi, 358 pp. Photos and illustrations, index. Red cloth, silver stamped cover and spine title. Burndy bookplate. Fine. Scarce cloth issue.

\$ 25

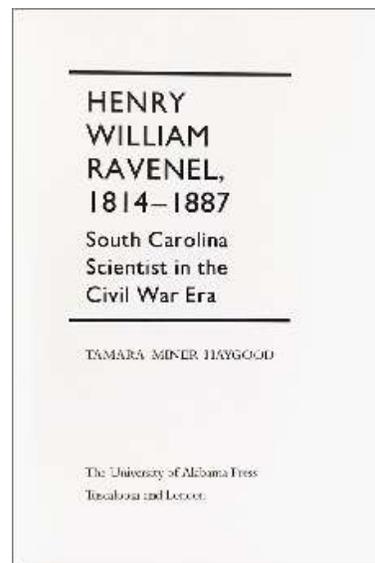
Carroll Pursell is Adeline Barry Davee Distinguished Professor of History (Emeritus) at Case Western Reserve University and Distinguished Honorary Professor of History at the Australian National University.

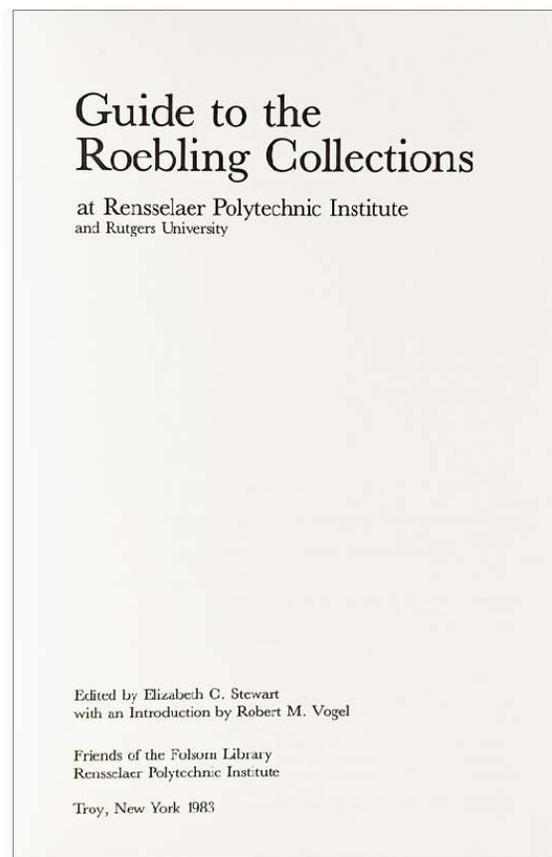
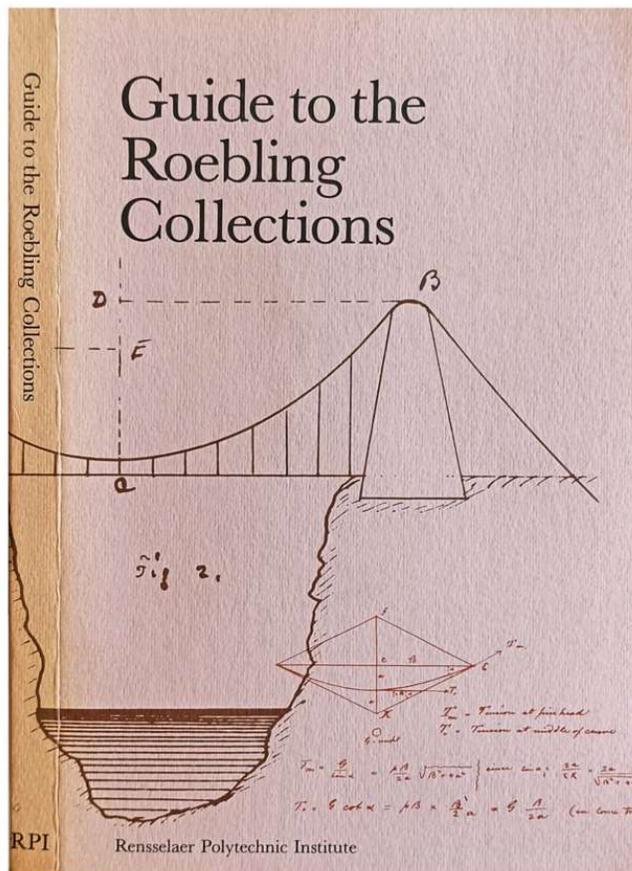


BL2214 [Ravenel, Henry William (1814-1887)]
HAYGOOD, Tamara Miner. *Henry William Ravenel, 1814-1887: South Carolina Scientist in the Civil War Era.*
Tuscaloosa and London: University of Alabama Press, 1987. ¶ FIRST EDITION. Series: History of American Science and Technology. 8vo. xii, 204 pp. Frontis. port. of Ravenel, illustrations, index. Green cloth, black stamped spine title, dust-jacket. Burndy bookplate. Near fine.

\$ 6.95

Henry William Ravenel was an American planter and botanist. He studied fungi and cryptogams in South Carolina, discovering a large number of new species.





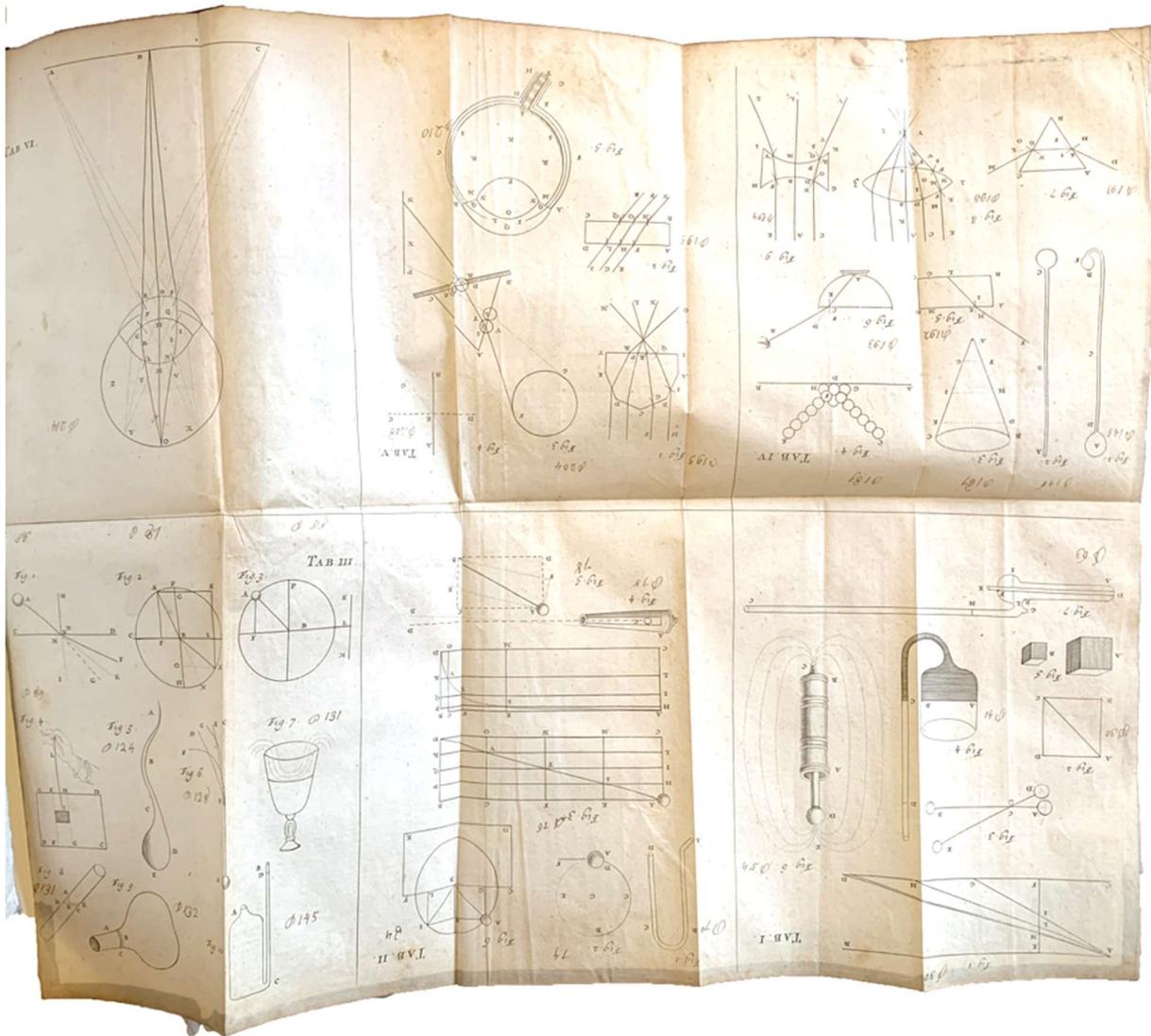
BL2109 [Roebling family] STEWART, Elizabeth C. (ed.). *Guide to the Roebling Collections at Rensselaer Polytechnic Institute and Rutgers University*. Troy, N.Y.: Friends of the Folsom Library, RPI, 1983.

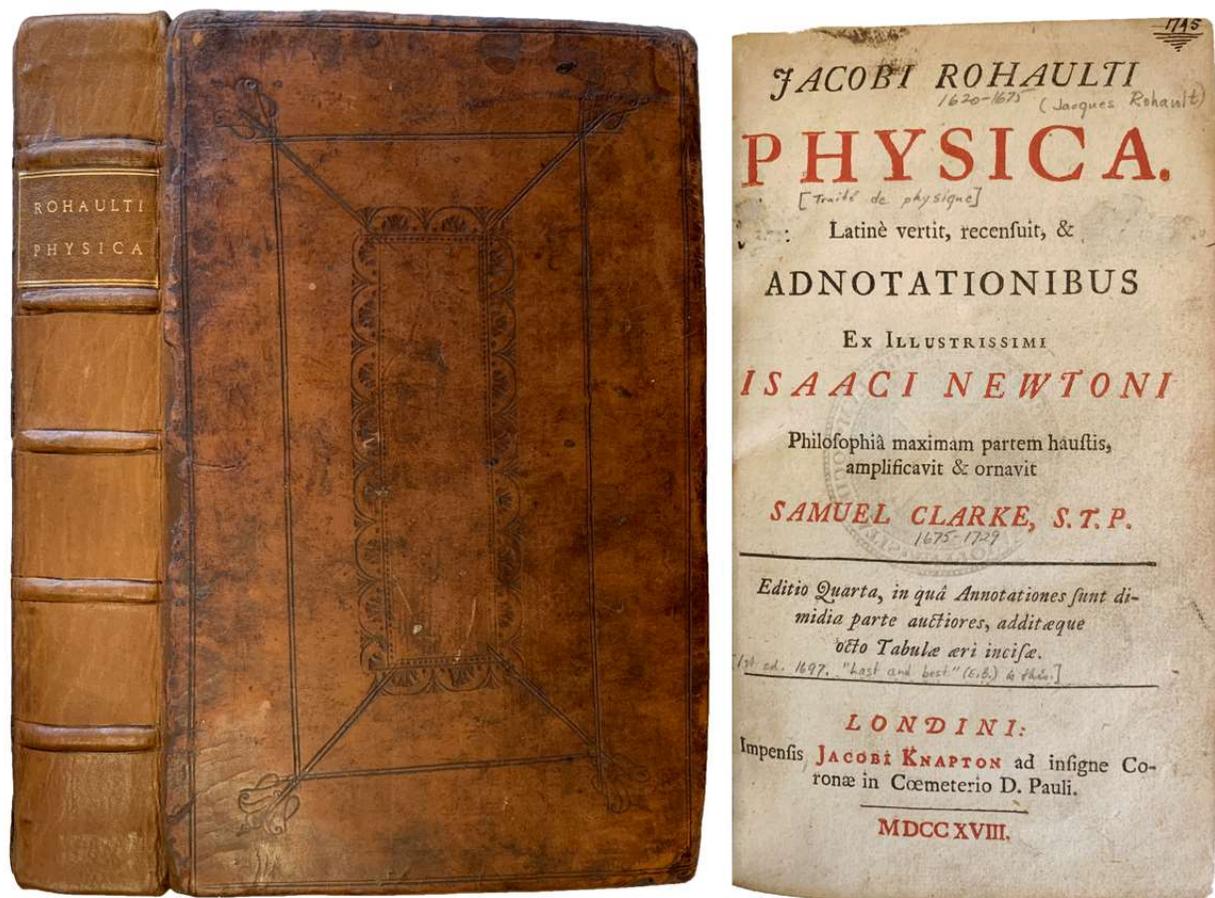
¶ Series : Occasional Papers of the Friends of the Folsom Library, RPI, No. 1. Edition of 5,000 copies. 8vo. x, 136 pp. Illustrations, indexes. Printed wrappers. Burndy bookplate. Fine.

\$ 12

The volume is a catalog of correspondence, technical notes and drawings, notebooks, newspaper and magazine clippings, published items, and photographs documenting the personal and professional activities of members of the Roebling family. The records date from between 1824 and 1980; most heavily represented are the years 1844-1926, when John A.

Roebing and his son Washington A. Roebing were active in the design and construction of numerous bridges and the administration of the family wire rope manufacturing business. John Augustus Roebing (1806-1869) was a German-born American civil engineer. He designed and built wire rope suspension bridges, in particular the Brooklyn Bridge, which has been designated as a National Historic Landmark and a National Historic Civil Engineering Landmark.





S6999 ROHAULT, Jacques [Jacob] (1620-1675) ; Samuel CLARKE (1675-1729), trans.). *Physica. Latine Vertit, Recensuit, & Adnotationibus Ex Illustrissimi Isaaci Newtoni Philosophiâ Maximam Partem Haustis, Amplificavit & Ornavit Samuel Clarke, S. T. P.* London: James Knapton, 1718. ¶ 200 x 130 mm. 8vo. (xxxii), .495, (1 blank), (xvi) pp. Title printed in red & black, dedication page to D. John Moore, Bishop of Norwich, printed seal of the Antiquarian Society of Scotland, woodcut head pieces, 27 fold-out tables (complete), index; occasional early notation. Original full blind tooled calf; new calf spine, gilt stamped leather label. Small ex-library rubber stamp. Marginal worm trail pp. 41-60; small burn hole pp. 85-86. Very good.

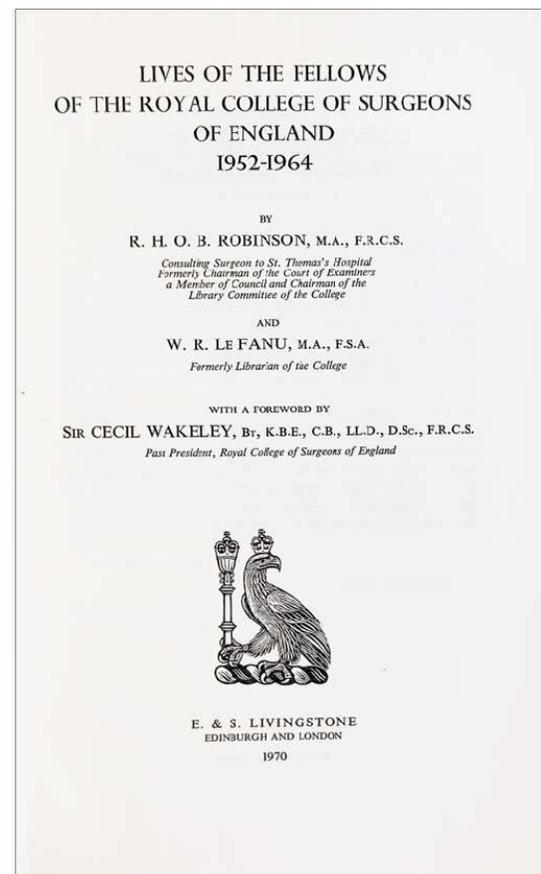
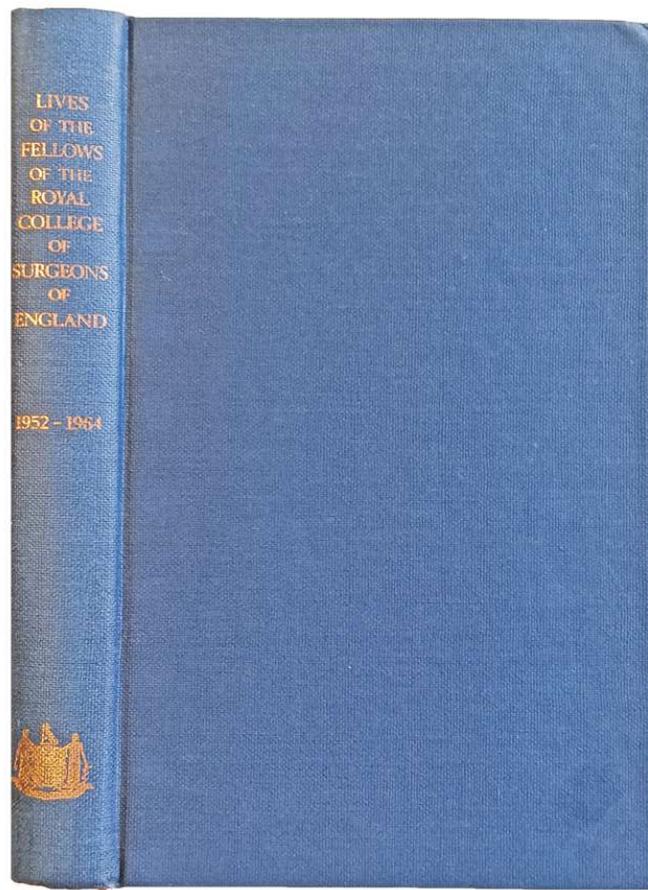
\$ 450

Fourth edition, enlarged. Jacques Rohault was a disciple of Descartes and wrote his important *Treatises on Natural Philosophy (Traite de Physique)* in 1671.

Samuel Clarke's Latin translation became an instant classic, and was important for introducing and popularizing the theories of Isaac Newton in a Cartesian context. Clarke's 1718 version improved "Bonet's clumsy translation" of 1674, and expanded his own notes to sharpen "their pro-Newtonian edge." Clarke was also able "to utilize large portions of Newton's *Opticks*, which he had translated into Latin in 1706." – *Dictionary of Scientific Biography*.

This edition not in Babson. All editions are scarce.

See: Babson, Second Supplement, 51, 56.



[Royal College of Surgeons of England]

BL2185 [Royal College of Surgeons of England] **ROBINSON, R.H.O.B.** (1897-1973); **W.R. Le FANU** (1904-1995). *Lives of the Fellows of the Royal College of Surgeons of England, 1952-1964.* Edinburgh and London: E. & S. Livingstone, 1970. ¶ 8vo. [2], 470 pp. Small title vignette. Blue cloth, gilt-stamped spine title. Burndy bookplate. Fine.

\$ 18

With a Foreword by Sir Cecil Wakeley

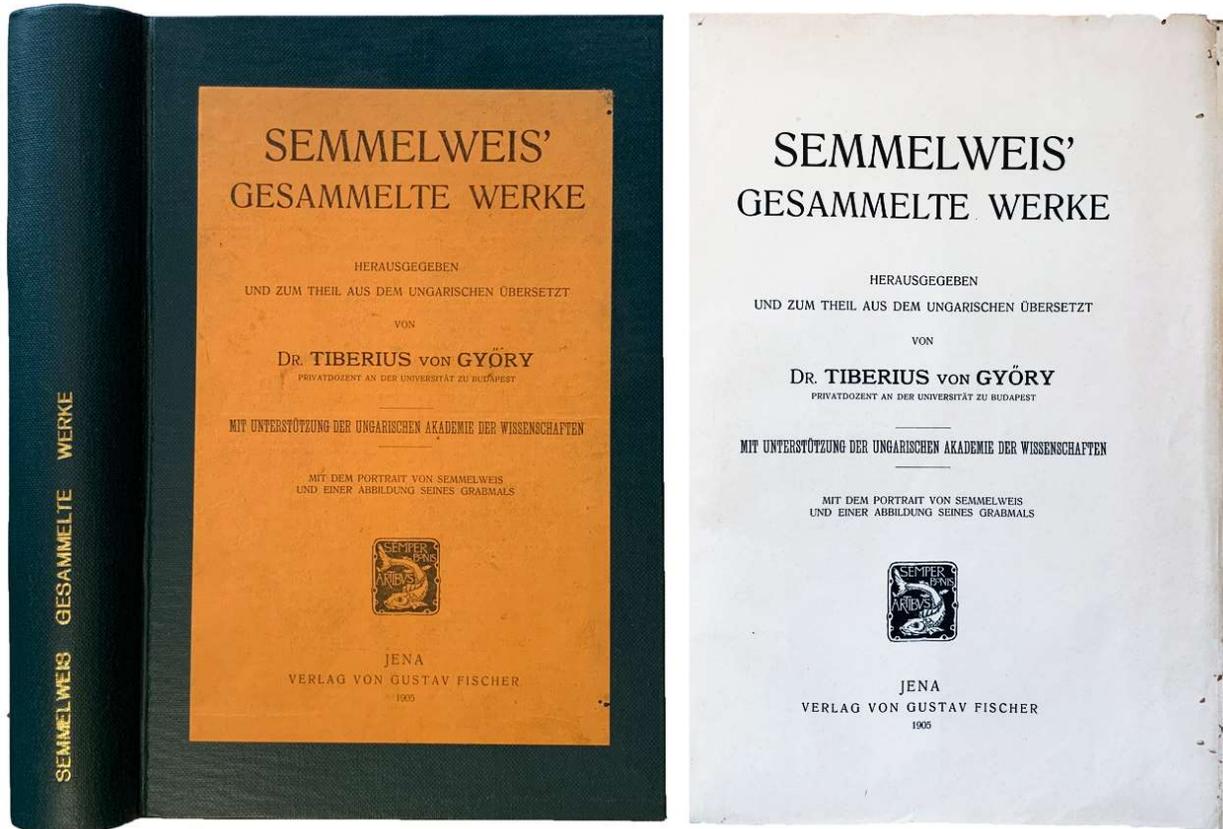
Ronald Henry Ottywell Betham Robinson was a surgeon at St Thomas's Hospital. William Richard LeFanu FSA, was an Irish librarian, having worked for nearly forty years as librarian at the Royal College of Surgeons in London.



BL1713 [Royal Society] **ROBINSON, Norman H.** *The Royal Society Catalogue of Portraits* . . .With biographical notes by Eric G. Forbes. London: Royal Society, 1980.

¶ Large 8vo. 343 pp. 156 portraits. Blue cloth, gilt-stamped spine title, dust jacket. Burndy bookplate. Very good.

\$ 15



S13979 **SEMMELWEIS, Ignaz Philipp** (1818-1865). *Semmelweis' gesammelte werke. Herausgegeben und zum theil aus dem ungarischen übersetzt von Dr. Tiberius von Györy mit ¶ Unterstützung der Ungarischen Akademie der Wissenschaften.* Jena: Gustav Fischer, 1905.

¶ Large 8vo. VI, 604 pp. Frontispiece portrait of Semmelweis and his tomb; a few insect tracks on lower margin, to prelims (pp. 1-20) and last few leaves, not affecting text. Modern dark green cloth, original printed title label mounted, gilt-stamped spine title. Bookplate of Andreas Gedeon. Very good.

\$ 125

First Edition of Semmelweis' collected works. "An annotated edition, reprinting the texts of Semmelweis's work on puerperal fever as a septicemia and on the etiology of puerperal sepsis as well as other

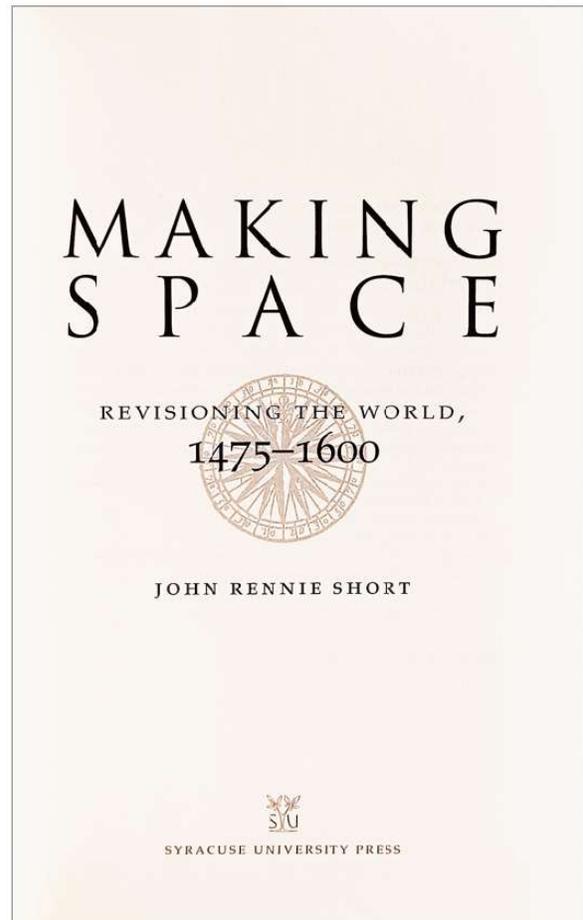
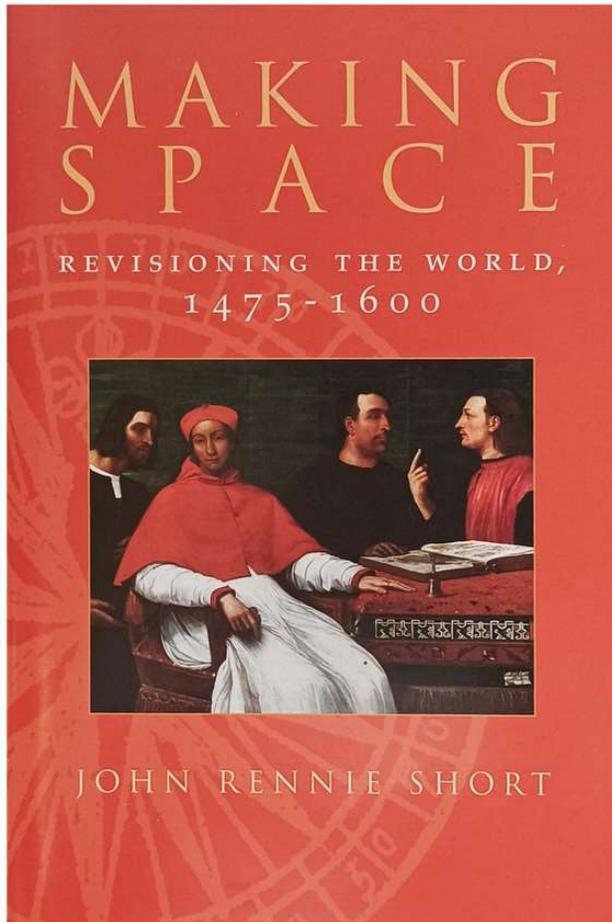
gynaecological papers and articles on Semmelweis by Hebra and Skoda, among others.” – Garrison and Morton.

Ignaz Philipp Semmelweis was a Hungarian physician, described as the “savior of mothers.” He discovered by 1847 that the incidence of puerperal fever could be drastically cut by the use of hand disinfection (by means of hand washing with a solution of chlorinated lime) in obstetrical clinics. Puerperal fever (or childbed fever) was common in mid-nineteenth century hospitals. It was often fatal, with mortality at a reported 10-35%. Semmelweis postulated the theory of washing with “chlorinated lime solutions” in 1847 while working in Vienna General Hospital’s first obstetrical clinic.



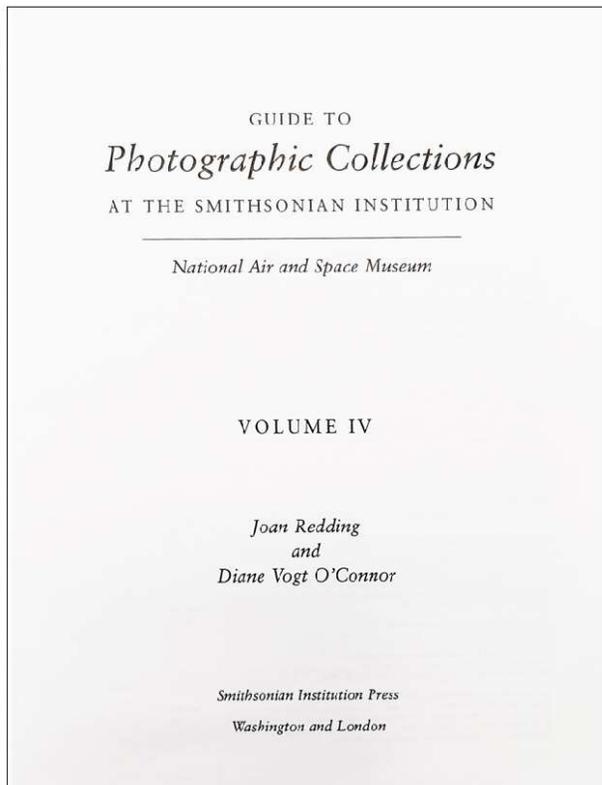
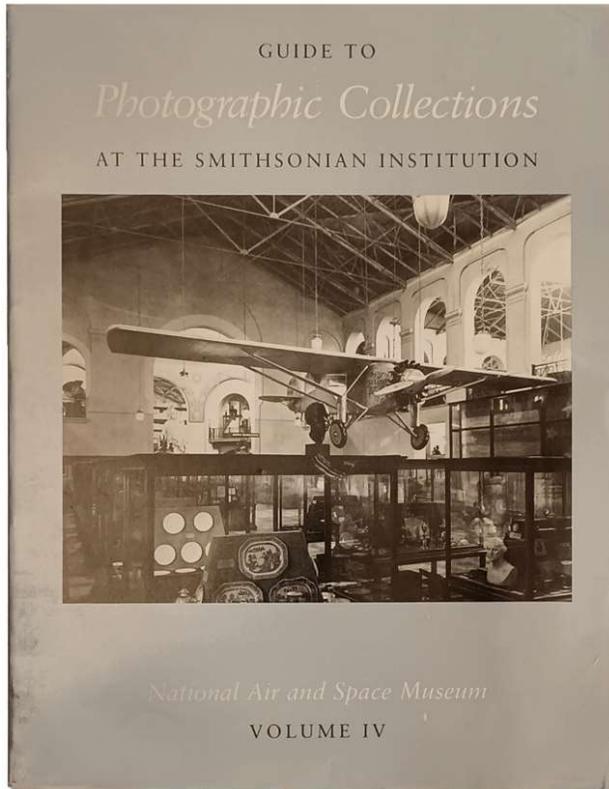
“Edited by Tiberius von Györy (1869-1938), professor of the history of medicine at Budapest, this volume of Semmelweis' collected works was undertaken to settle the question of priority in recognizing the etiology of puerperal fever. The volume contains his most important work (see No. 1851), the open letters (see No. 1852), his doctoral dissertation on the life of plants, as well as his other writings on puerperal fever and gynecological subjects. In addition, the volume contains works by Ferdinand von Hebra (1816-1880), Charles Henry Felix Routh (1822-1909), Karl Haller (1809-1887), and Skoda (see No. 1676) who were among Semmelweis' earliest supporters.” – Heirs of Hippocrates.

☀ Garrison and Morton 82.1; Heirs of Hippocrates 1853; Osler 3955; Waller 8832.



BL2100 **SHORT, John Rennie.** *Making Space: Revisioning the World, 1475-1600.* Syracuse: Syracuse University Press, 2004.

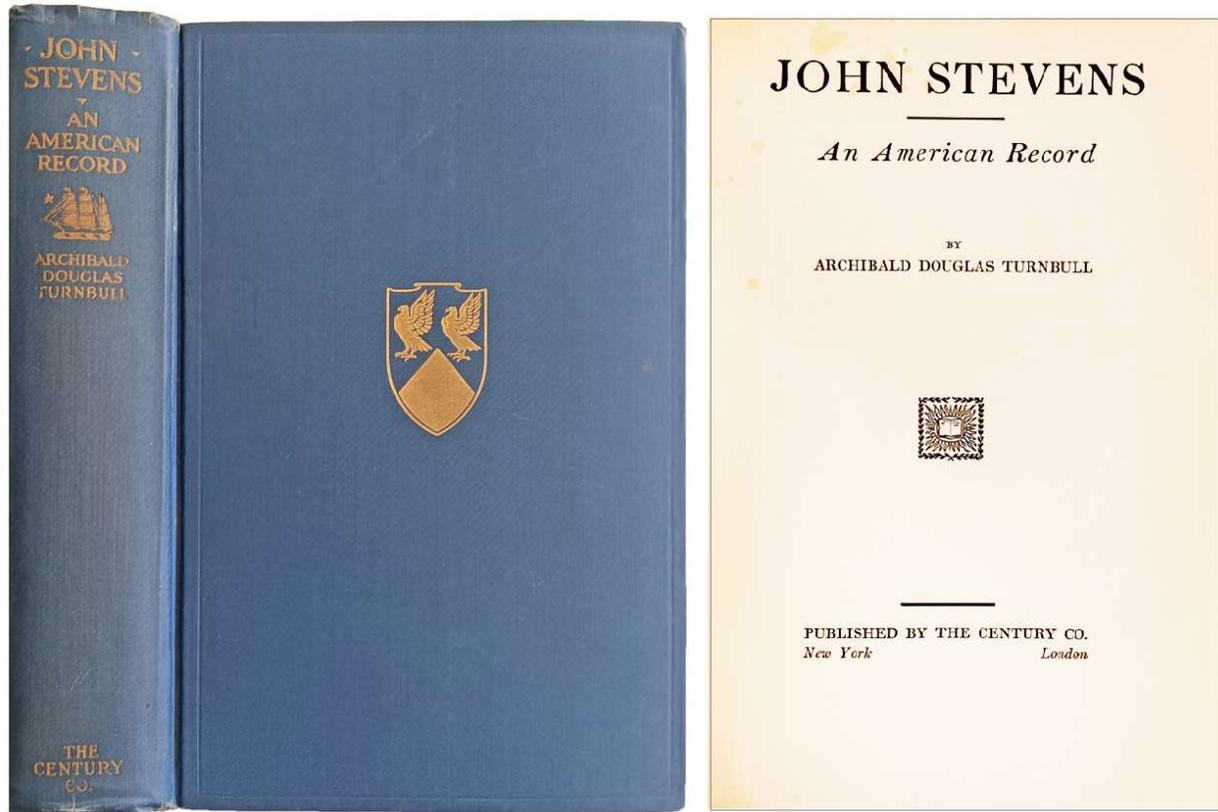
¶ FIRST EDITION. Series: Space, Place, and Society. 8vo. xvi, 185 pp. Illustrations, index. Red cloth, gilt-stamped spine title, dust-jacket. Burndy bookplate. Fine. \$ 23



BL1670 Smithsonian Institution; Joan REDDING; Diane Vogt O'CONNOR. *Guide to photographic collections at the Smithsonian Institution. National Air and Space Museum. Volume IV*. Washington DC: Smithsonian Institution Press, 1995.

¶ Large 8vo. xiii, 263 pp. Figs., index. Printed wrappers; corners bent. Burndy bookplate. Very good.

\$ 5

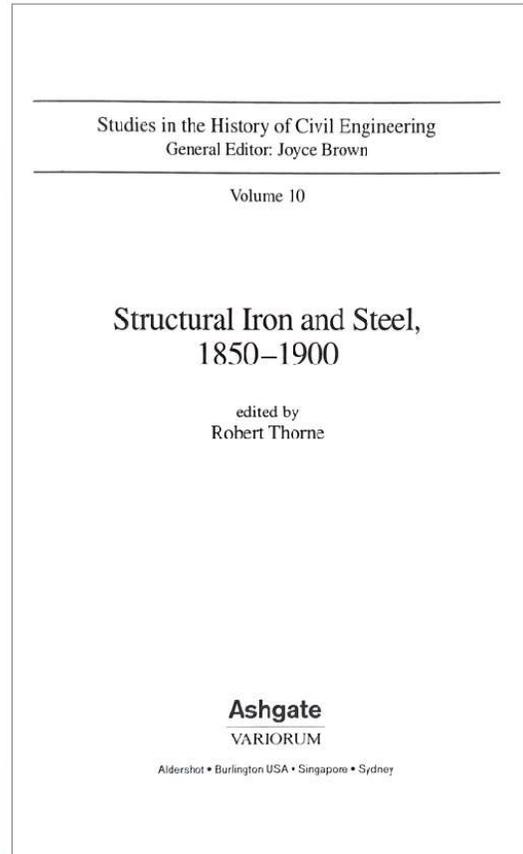
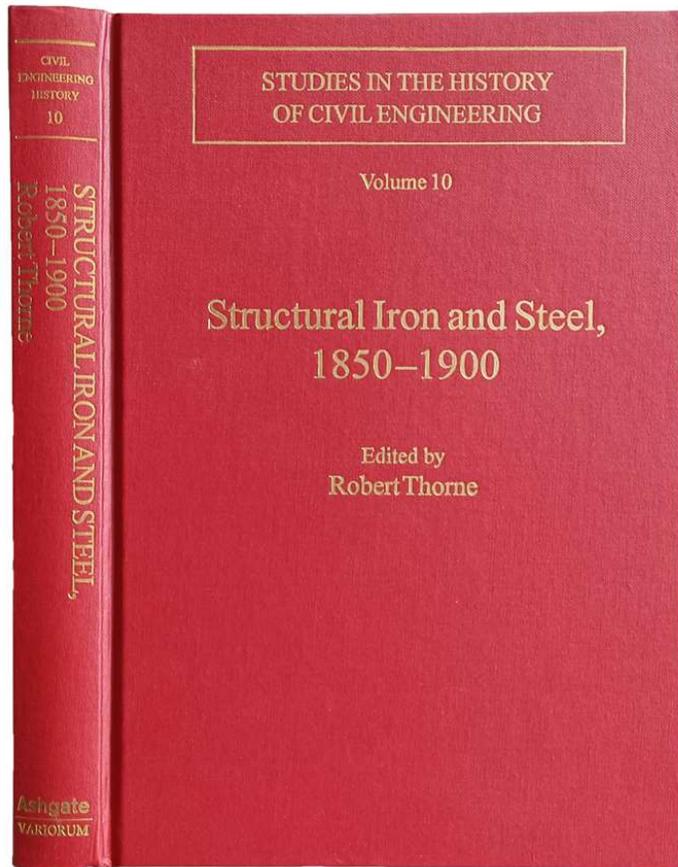


American Steamboat Pioneers

BL2193 [Stevens, John (1749-1838)] TURNBULL, Archibald Douglas. *John Stevens: An American Record*. New York and London: Century Co., 1928. ¶ 8vo. xvii, 545 pp. Frontis. port. of Stevens, plates, index. Blue cloth, gilt-stamped cover emblem and spine title. Burndy bookplate. Very good.

\$ 15

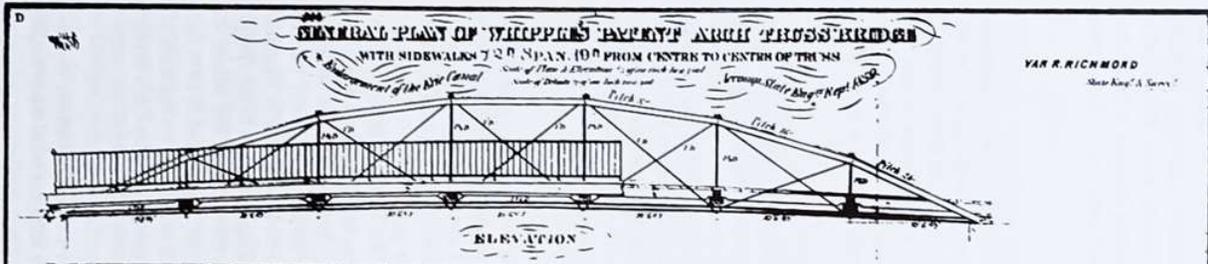
"In 1776 Stevens became a captain in the American Revolutionary army and later was promoted to colonel. Afterward, he became interested in the exploits of the American steamboat pioneers James Rumsey and John Fitch, and he developed a number of designs of his own for boilers and engines. It was with the view of protecting his inventions that he submitted to Congress his outline for a patent law. In 1802 he built a screw-driven steamboat, the first example of a powered screw applied to ship propulsion. His steamboat also incorporated a multi-tubular boiler, for which he was awarded a patent in 1803. The following year, Stevens completed an improved twin-screw steamboat that was successful in navigating the Hudson River."



BL2192 **THORNE, Robert** (ed.). *Structural Iron and Steel, 1850-1900*. Aldershot, et al.: Ashgate/Variorum, 2000. ¶ Series : *Studies in the History of Civil Engineering*, Vol. 10. 8vo. xxxi, 378 pp. Photos, illustrations, indexes. Red cloth, gilt-stamped cover and spine titles. Burndy bookplate. Fine.

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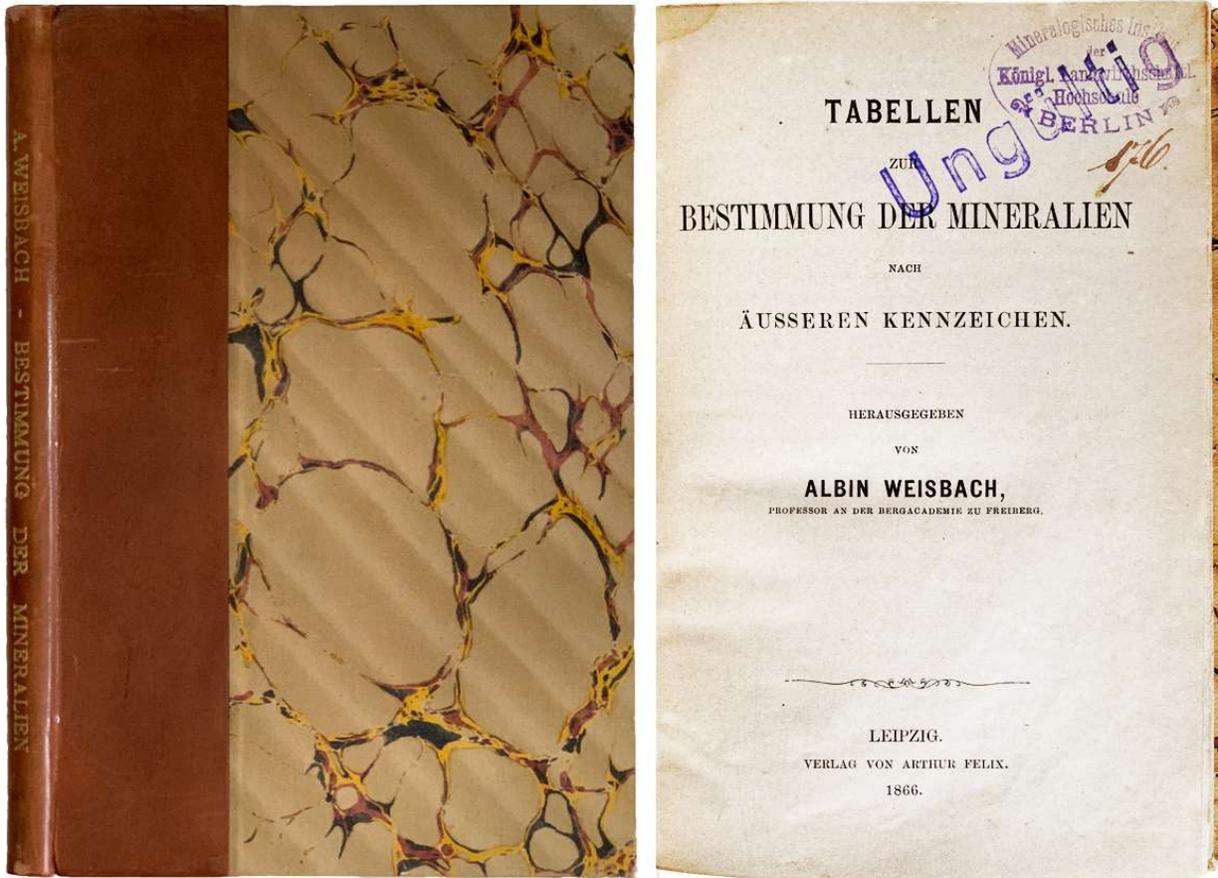
This volume covers the second great period of developments in iron construction from 1850, following its establishment as a structural material described in volume 9 of this series. Using the Crystal Palace of 1851 as a starting-point, the papers trace the history of iron-frame construction in Britain, France and America, and show its importance in fireproof construction, and in lattice truss and arch bridge design. A final group of papers illustrates the emergence of steel in framed buildings in both Britain and America. The selection brings out the important and daring contribution of individual engineers in their use of this material.



CONTENTS: Introduction; ¶ Part I: Iron Construction - Crystal Palace and After: Some structural problems encountered in the building of the Crystal Palace of 1851, Tom F. Peters; The Boat Store, Sheerness (1858-60) and its place in structural history, A.W. Skempton; Bogardus revisited, Part I: The iron fronts and Part II: The iron towers, Turpin C. Bannister; The development of fireproof construction in Great Britain and the United States in the 19th century, Sarah Wermiel;

¶ Part II: Bridges and Exhibition Buildings: The development and use of the tubular beam, 1830-60, Stanley Smith; Surviving cast- and wrought-iron bridges in America, Eric Deloney; The designing of the Eads bridge, John A. Kouwenhoven; Tay Rail Bridge centenary: some notes on its construction, 1882-87, J. S. Shipway; The Forth Railway Bridge centenary 1890-1990: some notes on its design, J. S. Shipway; L'Entreprise Eiffel, Bertrand Lemoine; The Galerie des Machines of the 1889 Paris world's fair, John W. Stamper;

¶ Part III: The Advent of Steel-Framed Construction: The two centuries of technical evolution underlying the skyscraper, Carl W. Condit; Toward a better understanding of the evolution of the iron skeleton frame in Chicago, G.R. Larson and R.M. Geraniotis; Steelwork in building - thirty years' progress, S. Bylander; Steel frame architecture versus the London Building Regulations: Selfridges, the Ritz and American technology, Jeanne C. Lawrence; Index.



S6565 **WEISBACH, Julius Albin** (1833-1901), editor. *Tabellen zur Bestimmung der Mineralien nach äusseren Kennzeichen*. Leipzig: Arthur Felix, 1866. ¶ 8vo. viii, 113, [1] pp. Tables, index. Modern quarter brown calf, marbled boards, gilt-spine, marbled end-leaves. Ex library rubber stamps of the Mineralogisches Institut, Berlin. Very good.

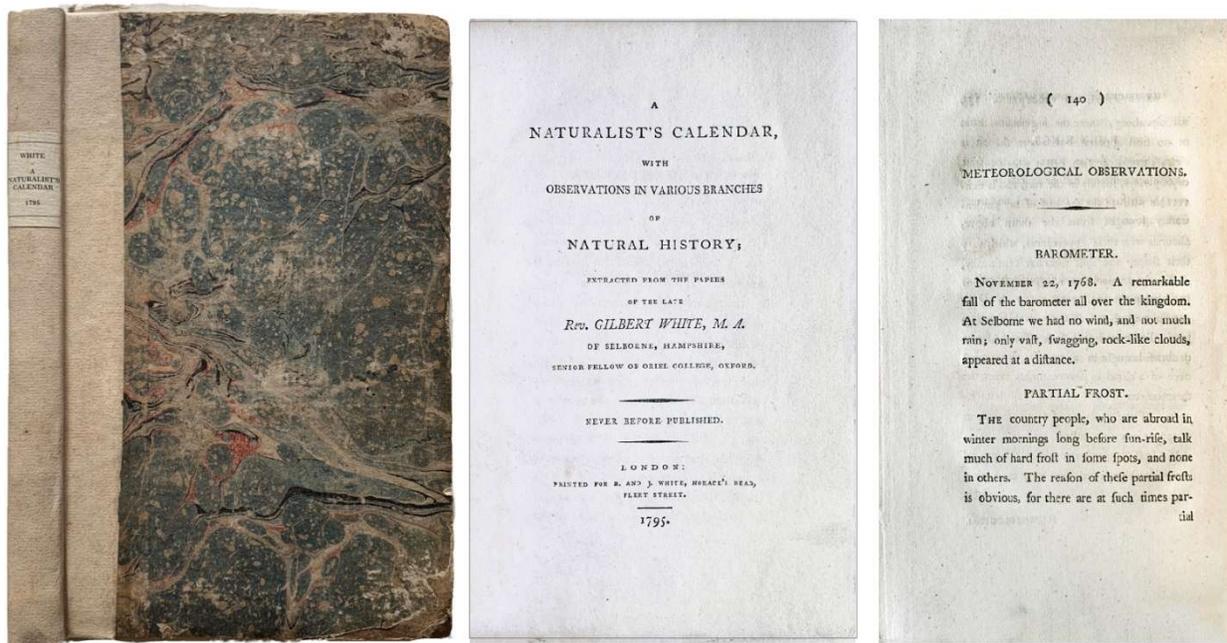
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FIRST EDITION. "Rare. This is the first edition of a work that was popular for many years. The text presents a series of tables that are used to determine the name of an unknown mineral by placing a sample through a series of simple tests based upon the external characteristics. Used with in the German education system, it was deemed important enough to be translated into English, which spawned its own sequence of books." – Curtis Schuh.

German mineralogist Albin Weisbach (1833-1901), was the son of Julius Ludwig Weisbach (1806-1871), a noted mathematician and engineer, known to teach at the Royal School of Mines in Freiberg. The younger Weisbach followed his father in this discipline and became professor in 1857 and worked for many years as a professor at the Freiberg Mining Academy, later becoming professor of physics. In 1866 he was appointed Professor of Mineralogy. The present work is an interesting and valuable classification of minerals, remained in print until the 7th ed., 1906. The second edition was also issued in 1866; later it was translated into English in 1875.

☼ BMC (Nat. Hist.), V, p. 2286; Gascoigne, *Catalogue of Scientific Periodicals*, 1985: no. 8866; Katalog Bergakademie Freiberg, 1879: p. 705 [VI. 989.]; NUC; USGS Library Catalog. ADB: 41, 522; Poggendorff: 3, 1427 & 4, 1615; Sarjeant, *Geologists*, 1980: 3, 2396; *World Who's Who in Science*: 1774.





S8997 **WHITE, Rev. Gilbert** (1720-1793). *A Naturalist's Calendar, with Observations in Various Branches of Natural History; Extracted from the papers of the late Rev. Gilbert White, M. A. of Selborne, Hampshire, Senior Fellow of Oriel College, Oxford. Never before published.* London: B. and J. White, 1795. ¶ 8vo. (196 x 123 mm) iv, [5]-170, [6] pp. One hand-colored plate. Uncut. Modern quarter white paper spine, preserving original boards, new head caps and paper spine label. RARE.

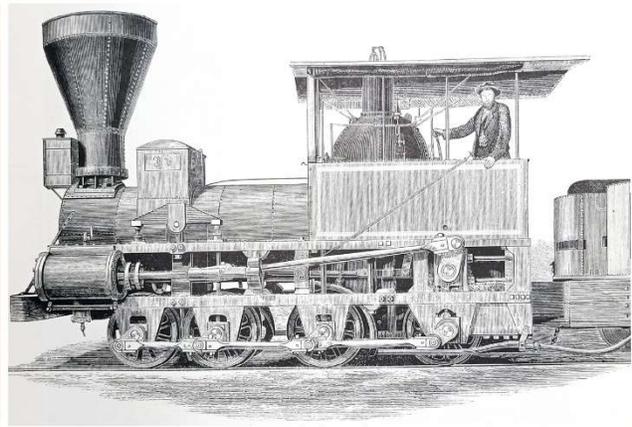
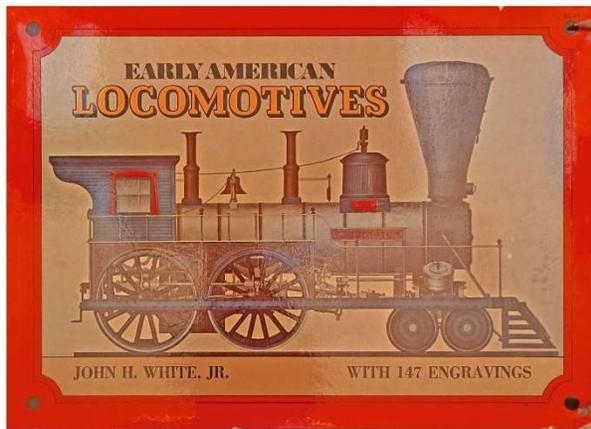
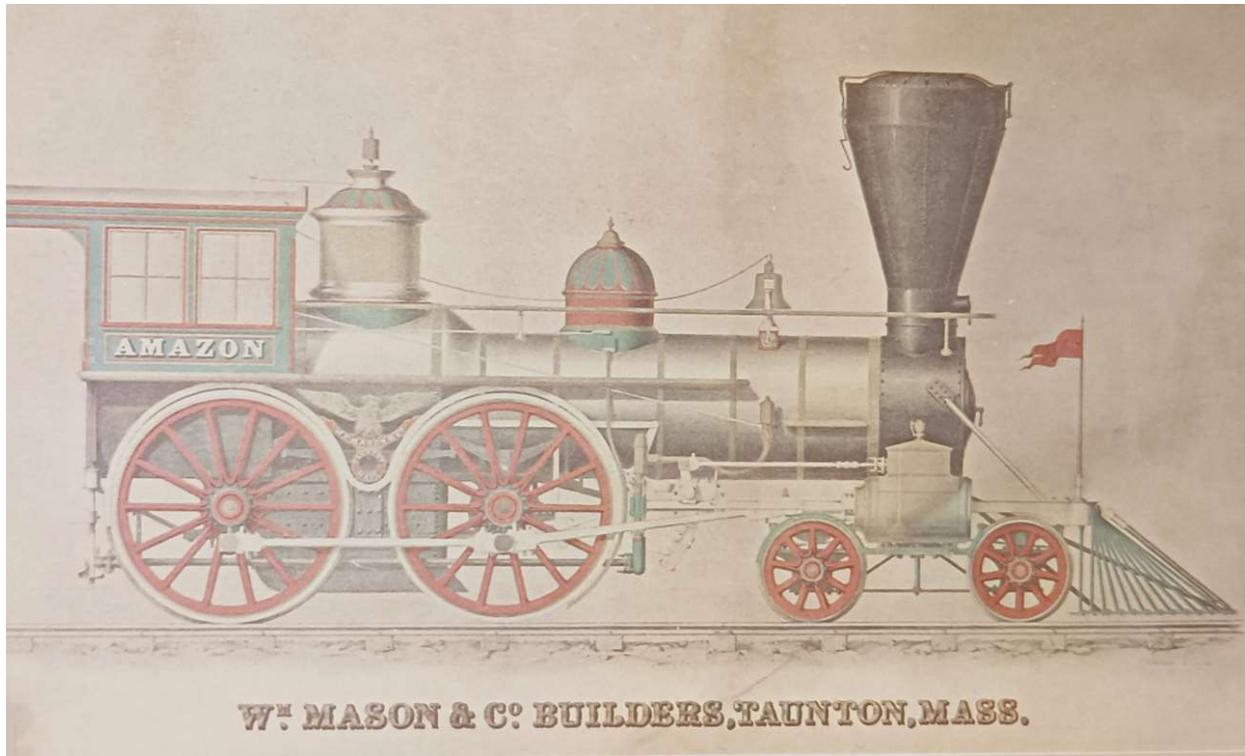
\$ 500

FIRST EDITION. The advertisement preface notes that Dr. John Aiken compiled this work, incorporating the author's unpublished notes and observations. The first section of this work is devoted to the calendar itself, giving month-by-month landmarks of plant flowering, insect activities, animal behaviors, etc. The second section, Observations on Various Parts of Nature, White discusses his observations of birds, quadrupeds, insects and vermes (worms), vegetables and weather. The hand-colored plate of a hybrid pheasant is particularly handsome.

With regard to meteorology, White quotes Dr. Samuel Johnson in mentioning the 'Black Spring' of 1771 in which the weather was so severe that on the Isle of Skye, "The snow, which seldom lies at all, covered the ground for eight weeks, many cattle died, and those that survived were so emaciated that they did not require the male at the usual season." The last chapter consists of a summary of the noteworthy meteorological events from 1768 until the present year.

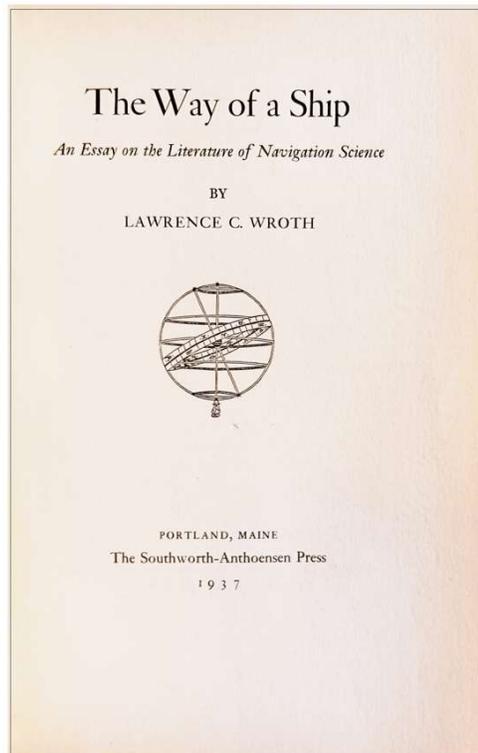
The British naturalist and "man of genius" [Martin], Gilbert White spent much of his time in the quiet study of his beloved subject, nature. The substance of White's calendar observations, made during his many years of country walks, was originally incorporated into his renowned *Natural History and Antiquities of Selborne*, 1789. At his death, his manuscripts and notes became the property of his brother, the bookseller and publisher, Benjamin White, and in 1795 Dr. J. Aiken, a fellow naturalist, "prepared and extracted . . . from the *Naturalist's Calendar* which White had prepared, and added thereto from White's papers a selection of Observations on Various Parts of Nature. From its depth of observation, and the diversity of subjects dealt with, the minute details which characterize the observations, and the well-reasoned conclusions to which the author arrives, it could not fail, even now, to make a lasting impression on the natural history literature of the day." [Martin].

☀ BM Readex, vol. 26, p. 1149; *DNB*, vol. xxi, pp. 36-48; Martin, *Bibliography of Gilbert White*, p.98.



BL4710 **WHITE, John H., Jr.** *Early American Locomotives ...* New York: Dover, (1972). ¶ FIRST EDITION. Oblong 4to. xvi pp. Frontis., bibliog., 147 figs. Pictorial wrappers. Fine.

\$ 5

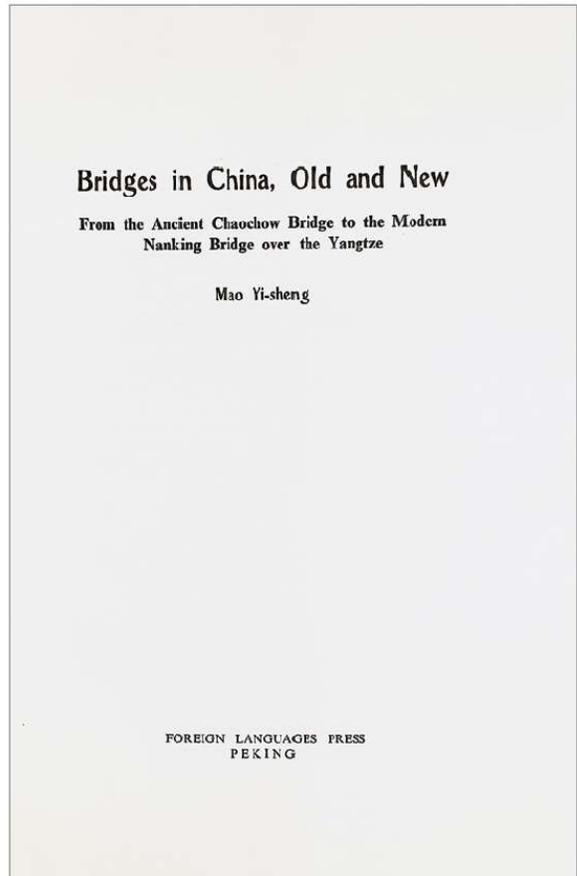
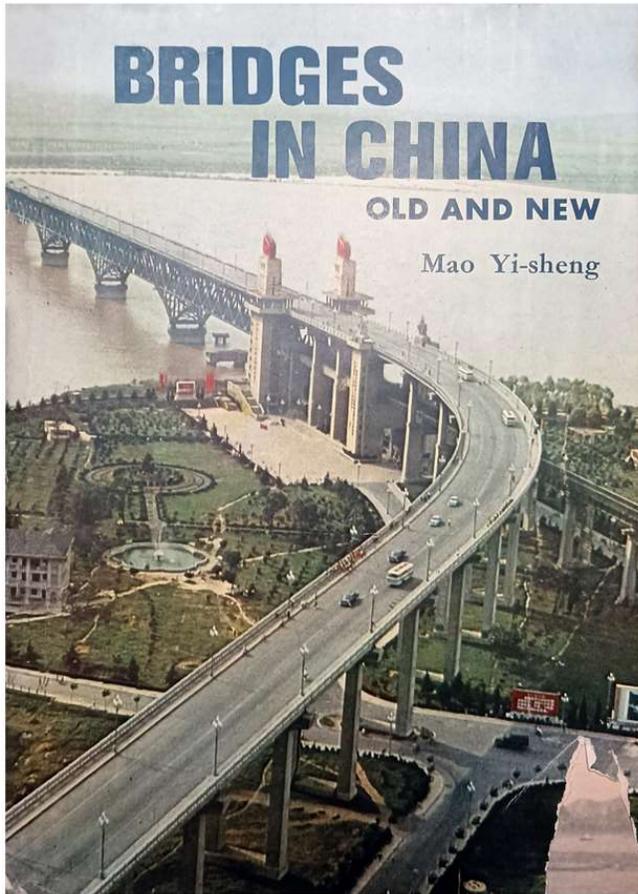


BL2119 **WROTH, Lawrence C.** (1884-1970). *The Way of a Ship: An Essay on the Literature of Navigation Science*. Portland, ME: Southworth-Anthoensen Press, 1937. ¶ FIRST EDITION. 8vo. xii, 92 pp. Frontis., 8 additional plates, small title illus. Navy cloth, gilt-stamped spine title; small chip to outer spine hinge, else very good. Burndy bookplate.

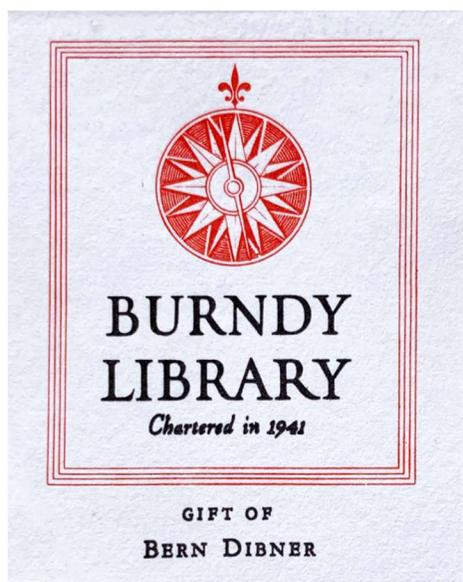
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Printed at the Southworth-Anthoensen Press.

Lawrence Counselman Wroth was an American historian, author, librarian, professor. He graduated from Johns Hopkins in 1905. His written works include over 550 pieces over many periodicals, and include several books which are important records of what he garnered while undergoing a vigorous and sustained habit of research and production. He was head of the John Carter Brown Library for 35 years.



BL4711 **YI-SHENG, Mao** (1896-1989). *Bridges in China, old and new: from the ancient Chaochow Bridge to the modern Nanking Bridge over the Yangtze*. Peking: Foreign Languages Press, 1978. ¶ 8vo. 39, [1] pp. 24 plates. Cloth, dust-jacket. Burndy bookplate. Very good. \$ 12.95



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“In 1974, Dibner donated one-quarter of the Burndy Library's holdings to the Smithsonian Institution to form the nucleus of a research library in the history of science and technology. It was located in the National Museum of History and Technology (now The National Museum of American History: Kenneth E. Behring Center). In 1976, the Smithsonian's Dibner Library of the History of Science and Technology[7] was established, providing the Smithsonian Institution Libraries with its first rare book collection, containing many of the major works dating from the fifteenth to the early nineteenth centuries in the history of science and technology including engineering, transportation, chemistry, mathematics, physics, electricity and astronomy.”

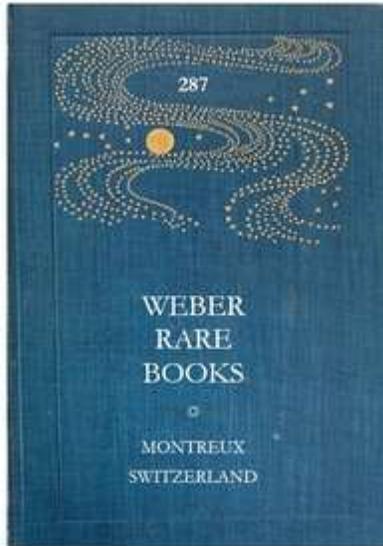
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